

The full Remedial Investigation Report for Whitney's Chevrolet cleanup site (FSID # 36813164) includes:

- 1. Remedial Investigation Report, dated March 24, 2010**
- 2. Interim Action and Data Gap Investigation Report, dated February 28, 2012**
- 3. Response to Ecology Comments, Interim Action and Data Gap Investigation Report, dated March 23, 2012**

This file contains item 1. Items 2 and 3 are contained in a document entitled "Whitney's Chevrolet Interim Action and Data Gap Report and Response to Comments."

Remedial Investigation Report

Volume 1

**Whitney's Chevrolet, Inc.
123 West Pioneer Avenue
Montesano, Washington 98563**

Prepared For:

**Whitney's Chevrolet, Inc.
Caldwell Family Holdings, LLC
Wynooche Lodge #43, F&AM of Washington
c/o Mr. Clark Davis
Davis Law Offices, PLLC
7252 Pioneer Way, Suite 101
Gig Harbor, Washington 98335**

March 24, 2010

Prepared By:

Environmental Partners, Inc.
295 NE Gilman Boulevard Suite 201
Issaquah, Washington 98027
(425) 395-0010

Thomas Morin, L.S. 1146
Principal Geologist

Project Number: 51201.7

QR TM

TR TM

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	1
1.0 INTRODUCTION.....	4
1.1 Site Description	5
1.2 Site History and Ownership.....	6
1.3 Previous Investigations/Assessments and Evaluation of Existing Data	7
1.3.1 Fitt Environmental – 1995.....	7
1.3.2 Department of Ecology - Montesano Ground Water Investigation – 2004 to 2009 ...	7
1.3.3 Environmental Partners – 2007	8
2.0 OBJECTIVE.....	8
3.0 INVESTIGATIVE STRATEGY	10
3.1 The Initial RI	11
3.2 Supplemental RI	11
4.0 FINDINGS	13
4.1 Initial RI	13
4.1.1 Initial Data Gap Analysis.....	13
4.1.2 Initial Phase of Investigation	14
4.1.3 Additional Data Gap Analysis and Second Phase of Initial RI.....	14
4.1.4 Final Phase of Initial RI.....	19
4.1.5 Conclusions of the Initial RI	22
4.2 Supplemental RI	23
4.2.1 Building Survey.....	23
4.2.2 Initial Phase of Supplemental RI.....	24
4.2.3 Second Phase of Supplemental RI.....	25
4.2.4 Final Phase of Supplemental RI and Additional Out-of-Scope Sampling.....	32
5.0 CONTAMINANTS OF CONCERN	35
6.0 CONCEPTUAL SITE MODEL	38
7.0 CONCLUSIONS.....	41

Volume 2 – Reference Appendix (attached)

Tables:

Table 1:	Historical Ground Water Data From Ecology Montesano Ground Water Investigation
Table 2:	Summary of Requested Soil and Ground Water Analyses from DPT Borings – Initial Remedial Investigation
Table 3:	Summary of Requested Soil and Ground Water Analyses from Monitoring Well Installation – Initial Remedial Investigation
Table 4:	Summary of Selected Analytical Results for DPT Soil Sampling (in mg/kg) – Initial Remedial Investigation
Table 5:	Summary of Detected VOCs for DPT Soil Sampling (in mg/kg) – Initial Remedial Investigation
Table 6:	Summary of Selected Analytical Results for DPT Water Sampling (in µg/L) – Initial Remedial Investigation
Table 7:	Summary of Detected VOCs for DPT Water Sampling (in µg/L) – Initial Remedial Investigation
Table 8:	Summary of Selected Analytical Results for Soil Samples Collected During Monitoring Well Installation (in mg/kg) – Initial Remedial Investigation
Table 9:	Summary of Detected VOCs for Soil Samples Collected During Monitoring Well Installation (in mg/kg) – Initial Remedial Investigation
Table 10:	Summary of Ground Water Analytical Results for Fuel-Related Compounds (in µg/L) – Initial Remedial Investigation
Table 11:	Summary of Detected VOCs in Ground Water (in µg/L) – Initial Remedial Investigation
Table 12:	Summary of Ground Water Elevation Data For Whitney's Chevrolet and Tony's Short Stop Sites
Table 13:	Summary of Requested Soil, Soil Gas, and Ground Water Analyses from DPT Borings – Supplemental Remedial Investigation
Table 14:	Summary of Soil Analytical Results (in mg/kg) – Supplemental Remedial Investigation
Table 15:	Summary of Ground Water Analytical Results for DPT Locations (in µg/L) – Supplemental Remedial Investigation
Table 16:	Summary of Soil Gas Analytical Data in µg/m ³ – Supplemental Remedial Investigation
Table 17:	Summary of Air Analytical Data in µg/m ³ – Supplemental Remedial Investigation
Table 18:	Whitney Chevrolet Building – Summary of Soil Gas and Air Analytical Data in µg/m ³ – Supplemental Remedial Investigation
Table 19:	Sterling Savings Bank Building – Summary of Soil Gas and Air Analytical Data in µg/m ³ – Supplemental Remedial Investigation
Table 20:	Charlie's Bar/VFW Building – Summary of Soil Gas and Air Analytical Data in µg/m ³ – Supplemental Remedial Investigation
Table 21:	Summary of Requested Soil and Ground Water Analyses for Samples Collected During Monitoring Well Installation – Supplemental Remedial Investigation
Table 22:	Summary of Ground Water Analytical Results for Samples Collected from Monitoring Wells in µg/L – Supplemental Remedial Investigation

Figures:

- Figure 1: General Vicinity Map
- Figure 2: Site Representation
- Figure 3: Site Representation With Site Boundary and Initial RI and Supplemental RI Areas
- Figure 4: Site Representation With Underground Utility Locations
- Figure 5: Site Representation With Initial RI and Supplemental RI Soil, Soil Gas, Ground Water and Air Sample Locations
- Figure 6: Initial RI Soil Data Detected Compounds Exceeding Screening Levels DPT-1 Through DPT-21 (Milligrams/Kilogram)
- Figure 7: Gasoline-Range Petroleum Hydrocarbon Isoconcentration Contours for Initial RI DPT Borings (Micrograms/Liter) April, 2008
- Figure 8: Benzene Isoconcentration Contours for Initial RI DPT Borings (Micrograms/Liter) April, 2008
- Figure 9: PCE Isoconcentration Contours for Initial RI DPT Borings (Micrograms/Liter) April, 2008
- Figure 10: Piezometric Contours July 1, 2008
- Figure 11: Initial RI Soil Data Detected Compounds Exceeding Screening Levels HSA Borings WCMW-1 Through WCMW-6 (Milligrams/Kilogram)
- Figure 12: Gasoline-Range Petroleum Hydrocarbon Isoconcentration Contours (Micrograms/Liter) July, 2008
- Figure 13: Benzene Isoconcentration Contours (Micrograms/Liter) July, 2008
- Figure 14: From SRI Work Plan Estimated Combined Maximum Extent of Petroleum Hydrocarbon and VOC Soil and Ground Water Impacts
- Figure 15: Site Representation with Underground Utility Locations and Supplemental RI DPT Locations
- Figure 16: Supplemental RI DPT Ground Water Data Detected Compounds Exceeding Screening Levels
- Figure 17: Supplemental RI Soil Gas Data Detected Compounds Exceeding Screening Levels (Micrograms/Cubic Meter)
- Figure 18: Supplemental RI Air Data Detected Compounds Exceeding Screening Levels (Micrograms/Cubic Meter)
- Figure 19: Air and Soil Gas Samples Associated With the Whitney Chevrolet Building With Detected Compounds Exceeding Screening Levels (Micrograms/Cubic Meter)
- Figure 20: Air and Soil Gas Samples Associated With the Sterling Savings Bank Building With Detected Compounds Exceeding Screening Levels (Micrograms/Cubic Meter)
- Figure 21: Air and Soil Gas Samples Associated With the Charlie's Bar/VFW Building With Detected Compounds Exceeding Screening Levels (Micrograms/Cubic Meter)
- Figure 22: Interpretive Cross Section A-A'
- Figure 23: Piezometric Contours December 14, 2009
- Figure 24: Piezometric Contours January 18, 2010
- Figure 25: Monitoring Well Sample Locations With Detected Compounds Exceeding Screening Levels (Micrograms/Liter)
- Figure 26: Gasoline-Range Petroleum Hydrocarbon Isoconcentration Contours (Micrograms/Liter) December, 2009

- Figure 27: Gasoline-Range Petroleum Hydrocarbon Isoconcentration Contours (Micrograms/Liter) January, 2010
- Figure 28: Benzene Isoconcentration Contours (Micrograms/Liter) December, 2009
- Figure 29: Benzene Isoconcentration Contours (Micrograms/Liter) January, 2010
- Figure 30: PCE Isoconcentration Contours (Micrograms/Liter) December, 2009
- Figure 31: PCE Isoconcentration Contours (Micrograms/Liter) January, 2010

Volume 3 - Attachments

- Attachment A: Initial RI EM/GPR Survey
- Attachment B: Initial RI Borelogs
- Attachment C: Initial RI Analytical Data Reports
- Attachment D: Completed Building Surveys
- Attachment E: Supplemental RI GPR Survey
- Attachment F: Supplemental RI Borelogs
- Attachment G: Supplemental RI Analytical Data Reports

EXECUTIVE SUMMARY

This document presents the results of the Remedial Investigation (RI) of the Whitney's Chevrolet Inc. site located in Montesano, Washington (Site). The RI was performed by the potentially liable parties (PLPs) for the Site in accordance with Agreed Order No. DE 2951 (the Order). The "Site", as defined by the Model Toxics Control Act (MTCA; WAC 473-340-200) was characterized during the RI to include portions of multiple tax parcels including the Whitney's Chevrolet facility, portions of the Sterling Savings Bank property, the Veterans of Foreign Wars (VFW) property, the northern portion of Tony's Short Stop property, and portions of three public roadways.

The Tony's Short Stop property is subject to its own agreed order for a pre-existing release of petroleum hydrocarbon fuels in the southeast corner of that property. It does not currently appear that the Site and the impacts from the Tony's Short Stop release have commingled.

This RI was performed in iterative phases with each successive phase of work building upon the findings of the previous phase. This phased approach included two primary investigative events:

- **Initial RI** – focused on the potential source areas for suspected impacts; and
- **Supplemental RI** – focused on the further characterization of the nature and extent of the impacts observed in the Initial RI.

Both the Initial RI and the Supplemental RI used an iterative investigative strategy where initial phases of work focused and directed the specific actions of later phases of investigation. In this manner it was possible for the later stages of the Site investigation to be guided and focused by the prior findings. An Ecology-approved Work Plan was prepared for both the Initial and Supplemental RI.

The RI of the Whitney's Chevrolet Site documented herein was performed in general accordance with the *Final Remedial Investigation Work Plan* (RI WP) dated February 6, 2008 and the *Final Supplemental Remedial Investigation Work Plan* (SRI WP) dated October 21, 2009. The RI WP and SRI WP were provided to Ecology for review and comment and ultimately approved. The RI Work Plan was focused on investigating soil and ground water conditions on the Whitney's Chevrolet property and was not intended to investigate or assess potential impacts beyond the Whitney's Chevrolet property boundary. The SRI WP focused on characterizing down-gradient portions of the overall Site, to the east and southeast of the Whitney's Chevrolet property boundary, as well as sampling soil gas and air.

The beginning phases of work for both the Initial RI as well as the Supplemental RI included an assessment of site history, previous investigative data for the Site and immediately adjacent properties, and an analysis of data gaps in the remedial investigation data set. The initial phases of investigation also included geophysical surveys that consisted of an electromagnetic (EM) survey and a ground penetrating radar (GPR) survey intended to identify the potential presence and locations of underground storage tanks (USTs) at the Site.

Subsequent phases of sampling were performed in order to characterize impacts at the Site. These phases included reconnaissance investigation using standard direct push technology (DPT) to sample soil, soil gas, and ground water. Analytical data from the DPT sampling was used to appropriately

locate monitoring wells within the areas of initially identified impacts. The later stages of investigation also included air sampling to assess the potential for vapor intrusion (VI) that could result from the previously identified impacts.

The RI has identified releases to both soil and ground water.

Soil at the Site is impacted with a range of petroleum hydrocarbons and related compounds. These compounds include GRPH, ORPH and various fuel-related volatile compounds such as benzene. Soil impacts also include lead. These impacts appear to be related to a long history of retail fuel sales and vehicle service and maintenance. The source of these impacts appears to be primarily from USTs and UST systems and potentially from surface releases. Soil impacts appear to be limited to the northern portion of the Whitney's Chevrolet facility, beneath the on-site building and the right-of-way at the northwestern corner of the Site. The residual impacts to soils are likely an ongoing source of dissolution to ground water and result in the current extent of a dissolved-phase plume.

Ground water at the Site is impacted primarily with GRPH and related volatile compounds as well as lead and the fuel additive ethylene dibromide (EDB). These impacts also appear to originate from the on-site USTs. There appear to be at least two, and possibly three, source areas for ground water impacts, each of which is near an existing UST.

Petroleum hydrocarbon impacts to ground water have been well characterized by the RI activities. These impacts originate near the intersection of West Pioneer Avenue and South First Street and beneath the Whitney's Chevrolet facility and extend southeasterly in the direction of ground water migration to the northern portion of the Tony's Short Stop Site. The general extent of the Site has been defined as the lateral limits of dissolved-phase GRPH in ground water at 800 µg/L and benzene at 5 µg/L. The Whitney's Chevrolet Site does not appear to be contiguous or commingled with the Tony's Short Stop Site and represents a separate and distinct Site for the purposes of the MTCA regulation.

The up-gradient extent of the dissolved-phase hydrocarbon plume to the northwest of the Whitney's Chevrolet facility have not yet been fully characterized. However, these impacts are not expected to extend significantly in the up-gradient direction given the current understanding of Site conditions.

Ground water at the subject property is also impacted with PCE. The source of PCE is not fully understood. No PCE is present in soil at the Site at concentrations exceeding the MTCA Method A Soil Cleanup Level and the distribution and magnitude of PCE impacts to ground water are not suggestive of a significant on-Site source. The presence of elevated concentrations of PCE in soil gas to the west side of South First Street and north of this location suggests the potential for an off-property contribution of PCE.

There does not appear to be a clear correlation between concentrations of COPCs in soil gas and the concentrations of COPCs in soil or ground water. In general, the capped nature of the Site and the lack of atmospheric exchange appears to have resulted in a generally homogeneous mixture of compounds in soil gas. Soil gas contains volatile compounds within a generally narrow concentration range across the Site, regardless of the underlying concentrations in ground water. There appears to be a weak correlation between soil gas and area of highest dissolved-phase impacts along the longitudinal axis of the plume.

The only potentially completed exposure pathway at the Whitney's Chevrolet Site is VI to indoor air. It appears that VI is limited and that only minor concentrations of benzene and potentially ethylene dichloride (EDC) may have impacted indoor air quality. These impacts only marginally exceed the MTCA Method B Indoor Air Cleanup Level "table values." Based on the currently observed indoor air quality data for buildings located immediately above the most impacted portion of the Site, it does not appear necessary to assess potential VI issues at surrounding properties that are located outside the area of ground water impacts.

It is unlikely that the observed impacts to indoor air pose an unacceptable risk based on an adult commercial worker exposure scenario. An evaluation of risk and development of site-specific cleanup levels will be performed during preparation of subsequent documents.

Based upon the current Site definition, which is defined by the extent of ground water impacts, the only potential remaining data gap for VI at the Site may be impacts to air at the Tony's Short Stop property. Based on the VI results for air sampling over the high dissolved concentration core of the ground water plume and the limited impacts within the Whitney's Chevrolet and the VFW building it is unlikely that the low dissolved-phase concentrations at the Tony's Short Stop Site are adversely impacting indoor air quality at the Tony's Short Stop property.

The RI has served to characterize the nature and extent of impacts on the Whitney's Chevrolet property to a point where it is possible to begin evaluating potential remedial alternatives. While additional characterization may be necessary, those actions can be incorporated into the Feasibility Study and performance and compliance monitoring components of the Site remediation.

The remainder of this document presents a detailed narrative of the actions performed during the RI, the findings of those actions, and the conclusions supported by those findings.

1.0 INTRODUCTION

Environmental Partners, Inc. (EPI) is pleased to present this *Remedial Investigation Report* (RI Report) for the Whitney's Chevrolet, Inc. Site located in Montesano, Washington (Site). The general location of the Site is indicated on Figure 1. An aerial photograph depicting the general location of the Site is included on Figure 2.

This RI has been performed in compliance with Agreed Order No. DE 2951 (Order) between the Washington State Department of Ecology (Ecology) and Whitney's Chevrolet, Inc.; Caldwell Family Holdings, LLC; and Wynooche Lodge #43 F&AM of Washington (collectively, the potentially liable persons; PLPs). The Agreed Order was issued pursuant to the authority of the Model Toxics Control Act (MTCA), Revised Code of Washington (RCW), Chapter 70.105D.050(1). The objective of this RI was to identify the likely presence or absence of impacts to the environment and, if present, to assess the nature and extent of such impacts to a level sufficient to select an appropriate remedy.

This RI was performed in two principal rounds of investigation referred to herein as the Initial RI and the Supplemental RI. As agreed with Ecology the Initial RI focused on the northwestern portion of the Site. At the time of the Initial RI the extent of impacts at the Site was not known and it was agreed that an iterative investigation of the suspected or potential impacts was most appropriate. The PLPs prepared both a *Draft RI Work Plan*, dated July 26, 2007 and a *Final RI Work Plan* (RI WP) dated February 6, 2008 for the Initial RI, which were reviewed and approved by Ecology. A Draft RI report was prepared and submitted to Ecology on October 15, 2008. The findings of the Initial RI indicated that the extent of impacts at the Site likely extended beyond the eastern boundary of the Initial RI area of investigation and that further investigation was necessary.

In April of 2009, the PLPs proposed to Ecology the performance of the Supplemental RI to complete the Site characterization. The PLPs submitted Draft Supplemental RI Work Plans on April 30, 2009 and on August 17, 2009. Ecology commented on each of those documents and a final scope of work for the Supplemental RI was presented to Ecology as the *Final Supplemental RI Work Plan* (SRI WP) on October 21, 2009. The Supplemental RI also included minor additional investigative tasks within the northwestern portion of the Site to address data gaps from the Initial RI.

Figure 3 depicts the areas of investigation for the Initial RI, the Supplemental RI and the currently characterized extent of the Site based on impacts to ground water.

This RI Report summarizes the actions, findings and conclusions of both the Initial RI and the Supplemental RI activities. These activities are discussed sequentially as they were performed. The reviewer is referred to the RI WP and the SRI WP for specific discussions of field methodologies and procedures. This report discusses methodologies and procedures only when those methodologies and procedures may have necessarily differed from those in the work plans.

1.1 Site Description

The Site is located in downtown Montesano, Washington as presented on Figure 1 – General Vicinity Map. Figure 2 depicts the current property features and structures. Figure 3 depicts the currently characterized extent of the Site.

The following table summarizes the tax parcels on which the Site is located:

Parcel Number	Owner	Subject to Agreed Order
07200020-0500	Caldwell Family Holdings LLC	Yes ^(a)
07200020-1101	Wynooche Lodge #43 F&AM	Yes ^(a)
07530020-0500	Tony's Short Stop	No ^(b)
07200020-0100	Sterling Savings Bank ^(c)	No
072000200301 and 072000200302	VFW Post No. 2455	No
Portions of South Main Street	City of Montesano	No
Portions of West Pioneer Avenue	City of Montesano	No
Portions of South First Street	City of Montesano	No

(a) Currently leased to Whitney's Chevrolet, Inc.

(b) Subject to a separate agreed order.

(c) The Sterling Savings Bank has also been referred to as Key Bank in prior documents.

The entire Site is covered with buildings, asphalt, or concrete. Only marginal areas of landscaping exist. The Site is generally flat with slopes of less than 2 percent. Apparent storm water flow is from north to south. There are a total of four buildings that are either fully or partially encompassed by the Site:

- Whitney's Chevrolet facility;
- Sterling Savings Bank building;
- Charlie's Bar/Veterans of Foreign Wars (VFW) Post #2455 building; and
- Tony's Short Stop building;

The entire northern portion of the Whitney's Chevrolet facility is under roof and currently houses an automobile dealership, repair facility, and vehicle parts sales office. Repair activities include mechanical and auto body repairs. The Whitney's Chevrolet facility was built at different times and in stages with the oldest portion of the building (*i.e.*, northwestern corner) being built in the early 1900's.

The Sterling Savings Bank building has a basement in its western third with the remainder of the building being at grade. The current building was constructed in about 1973. The VFW building also has a basement in its western third with a crawlspace beneath the eastern portion. The VFW building was first constructed in the early 1910's.

The Tony's Short Stop property is subject to its own agreed order (Agreed Order DE-2954) for a pre-existing release of petroleum hydrocarbon fuels in the southeastern corner of that property. It does not currently appear that the Site and the impacts from the Tony's Short Stop release have commingled.

The reviewer is referred to documentation associated with Agreed Order DE-2954 for property-specific details regarding the Tony's Short Stop property.

The surrounding adjoining properties are used for commercial purposes. A U.S. Post Office is located across South First Street to the west. Several commercial businesses, including an additional Whitney's Chevrolet automobile repair shop, are located across West Pioneer Avenue to the north. A commercial structure that includes several retail stores and a restaurant are located to the east. The Montesano Farm and Home Site is located farther to the southeast across Wynoochee Avenue West. None of the surrounding or adjacent properties are used for residential purposes.

1.2 Site History and Ownership

As indicated on Figure 3, the Site contains five contiguous tax parcels located in downtown Montesano, Grays Harbor County, Washington. The Site also contains portions of City of Montesano roadways and a portion of the Tony's Short Stop Site, which is also subject to a separate Ecology agreed order.

The area of the Initial RI is comprised of tax parcel 072000201101 (1101 parcel) and the western half of tax parcel 07200020500 (0500 parcel). The northwestern corner of the Whitney's Chevrolet facility contained a retail gasoline sales facility from about 1914 through 1995. Gasoline and oil dispensers situated in the northwestern portion of the Initial RI area were leased to B. Conrad and W. Hawkes from 1914 to about 1921. In 1921, an on-site oil tank was leased to L.C. Davidson and M.W. Stewart. From 1922 to the present, Whitney's Chevrolet occupied the on-site building. Associated Oil Company (predecessor in interest to Conoco Phillips) leased and operated gasoline sales in the northwestern portion of the Whitney's Chevrolet facility from 1928 through 1933. From 1936 through at least 1972, Shell Oil leased and operated the gasoline sales in this location. Gasoline sales were discontinued in 1995. A subsurface investigation was performed after retail gasoline sales ceased. That investigation indicated an apparent petroleum release to the soil in the area of the underground storage tanks (see Section 1.3.1).

The Montesano Light and Water Company became owner of the northeast corner of the 1101 parcel in 1915. Puget Sound Power and Light Company (Puget Sound Energy; PSE) owned this portion of that parcel from 1924 until transfer of the property to the Public Utility District (PUD) No. 1 in 1949. Historical maps from 1926 and 1936 depict two additional structures constructed in this area. The PUD retained ownership of this portion of the 1101 parcel until 1967, after which, was occupied by Whitney's Chevrolet. The southern portion of Initial RI area, located on the 0500 parcel, has been utilized for automobile parking since about 1936.

The area of the Supplemental RI consisted of tax parcel 072000200100 (0100 parcel) containing the current Sterling Saving Bank, tax parcels 072000200301 and 072000200302 (0301 and 0302 parcels) containing the current VFW Post No. 2455 and Charlie's Tavern, and the eastern half of the 0500 parcel. The Supplemental RI also revisited portions of the Initial RI area and included out-of-scope ground water sampling on the Tony's Short Stop Site.

The 0100 parcel appears to have been used as a bank since 1890. The current Sterling Savings Bank was constructed in 1973 replacing an older bank building that was originally constructed in approximately 1890.

The current VFW building on the 0301 and 0302 parcels was initially constructed in 1911 and has been occupied by a tobacco shop, restaurant, furniture store, movie theatre, harness shop, barber shop, and billiard hall. Since the mid-1970's, the building has been occupied by a VFW Hall and a tavern.

The eastern portion of the 0500 parcel was used for hotels and dining facilities from at least 1889 until some time between 1903 and 1926 when it was first utilized as a parking lot.

1.3 Previous Investigations/Assessments and Evaluation of Existing Data

Several previous investigations of the Site have been conducted starting in about 1995. A brief review of these investigations is presented below.

1.3.1 Fitt Environmental – 1995

In an August 28, 1995 report Fitt Environmental, Inc. reported on an "Underground Storage Tank Decommissioning at 123 West Pioneer Avenue, Montesano, Washington" (Fitt, 1995). This work consisted of limited Site assessment and some tank decommissioning activities. On August 8, 1995, six boreholes were drilled near the underground storage tanks (USTs) in the northwest corner of the Whitney's Chevrolet facility. No ground water was encountered, but visible soil discoloration and strong petroleum odor were detected in five of six boreholes. Six soil samples were collected: one from each borehole at 15 feet below ground surface (bgs); and one at 5 feet bgs beneath the dispenser island. Three of the six soil samples contained gasoline-range petroleum hydrocarbons (GRPH) and benzene, toluene, ethylbenzene, and total xylene (BTEX) compounds at concentrations above the MTCA Cleanup Levels in effect at the time. The three empty gasoline tanks (4,000-, 6,000-, and 12,000-gallon) in the northwest corner of this property were reported closed in-place in August 1995. EPI was not able to review the full documentation for this closure.

1.3.2 Department of Ecology - Montesano Ground Water Investigation – 2004 to 2009

In 2004, Ecology began the Montesano Ground Water Investigation, which is an area-wide investigation intended to determine the extent of previously identified ground water contamination underlying the City of Montesano. Ecology contracted GeoEngineers to assist with this investigation in 2005. Ecology concluded, based upon the 2005 GeoEngineers investigation, that the sources of petroleum impacts to the shallow aquifer were the following:

1. Tony's Short Stop/Grays Harbor Grange
2. Whitney's Inc./Key Bank (Sterling)
3. Brumfield-Tidwell

Additional ground water monitoring wells were installed in the area of investigation and routine monitoring of wells situated throughout the area of investigation is ongoing by Ecology. The results of Ecology investigations are documented in periodic Ecology publications. *Montesano Groundwater Investigation of Leaking Underground Storage Tanks September 2008 and April 2009*, dated November

2009 by Ecology is the most recent of these publications. Historic ground water analytical data obtained from the Ecology investigations nearest the Site are summarized in Table 1.

1.3.3 Environmental Partners – 2007

On behalf of the PLPs, EPI conducted a "*Phase I Environmental Site Assessment and Supplemental Historical Review*" of the Whitney's location, dated February 14, 2007 (EPI, 2007). The assessment indicated that Whitney's Chevrolet is listed on several regulatory databases and is a "confirmed contaminated site" on the Hazardous Sites List with a rank of 3.

2.0 OBJECTIVE

The general objective of this RI was to identify the nature and extent of environmental impacts at the Site to a level sufficient to evaluate a range of potentially appropriate remedies. In order to achieve this objective it is necessary to understand the general Site conditions and to assess the gaps in the current understanding of Site impacts.

Figure 2 illustrates the current features of the subject property. The subject property gently slopes to the south/southeast. The elevation of the corner of West Pioneer Avenue and South First Street is about 6 feet higher than the corner of South Main Street and West Wynooche Avenue.

A Conceptual Site Model (CSM) was developed and presented within the RI WP. The CSM identified potential or suspected sources of impacts, potentially contaminated media, and potential exposure pathways and receptors. That CSM formed the basis for Site assessment activities documented herein. Based upon the findings of the RI the previous CSM has been further refined and is presented below in Section 6.0. Portions of the CSM are discussed briefly below in order to provide a basis for understanding the specific site objectives.

There appears to be a laterally continuous shallow water table aquifer present at the Site. Unconfined saturated conditions are generally present at a depth of about 16 feet below grade, depending upon location. Piezometric data collected at the Site indicate that the local ground water flow direction is consistently easterly to southeasterly with a pronounced easterly shift at South Main Street. Ground water velocity may be slower to the east associated with a shallower hydraulic gradient.

Contaminants released into the aquifer would migrate to the east to southeast in the same direction as ground water flow. Contaminant migration within the ground water depends upon the type of contaminant and the abundance of organic carbon in the aquifer soils. Most organic contaminants migrate at some rate less than that of ground water whereas inorganic compounds or changes in chemical properties (*i.e.*, pH) could cause contaminants to migrate at about the same rate as ground water.

The Whitney's Chevrolet main building is located on the northwestern portion of the Site and was constructed on four-inch thick concrete. This concrete has molded expansion joints and various cracks throughout. The remainder of the Site either contains structures or is paved with asphalt. A small landscaped area is present along the north side of the VFW building.

The Site contains subsurface improvements such as storm sewer, sanitary sewer, natural gas, and water service. Surface storm water is routed to storm water catch basins around the perimeter of the subject property, which presumably route storm water to the local storm sewer system. The storm sewer is the deepest utility present, with a depth of about 12 feet to the bottom of the pipe invert and does not extend down to the depth of the water table. The locations of underground utilities present at the Site are depicted on Figure 4.

Two of the structures on the Site contain basements. The western third of the Sterling Savings Bank contains an unfinished concrete basement. The concrete walls and flooring in the basement appeared to be in good condition with very few cracks. Cracks that were present were filled previously with chalking. The western half of Charlie's Tavern has a basement with concrete walls and soil. The Whitney's Chevrolet facility is slab-on-grade construction throughout.

Given the subsurface conditions at the subject property and the current features, there were several potential modes of impact to the environment. These modes of impact include:

- Surface spillage with subsequent infiltration. This would include recent or historic chemical releases and has the potential to impact both soil and ground water. Such a release could have occurred through cracks and/or joints in the concrete and asphalt surfaces.
- Surface spillage with subsequent run off. This mode of release is most likely to have occurred in asphalt-paved area in the southern portion of the subject property where the runoff would be intercepted by storm water catch basins.
- Subsurface leakage. This mode of release would be possible from USTs and/or associated product lines, storm sewers, sanitary sewers, and oil/water separators.
- Subsurface discharge directly to the water table aquifer. This mode of release is only possible in areas with deeper below grade discharges that were close to the elevation of the water table. This mode of release is therefore limited to the areas of the abandoned and decommissioned USTs.

Once in the environment these impacts could represent a potential threat of exposure to humans through direct contact, impacts to the local aquifer, or vapor intrusion.

In accordance with WAC 173-340-7490, a terrestrial ecological evaluation (TEE) was performed for the Site to determine if the release(s) pose a threat to the terrestrial environment. Based on the TEE performed, the subject facility qualifies for a TEE exclusion based upon WAC 173-340-7491(1)(b), which states:

"All soil contamination with hazardous substances is, or will be, covered by buildings, paved roads, pavement, or other physical barriers that will prevent plants or wildlife from being exposed to the soil contamination....."

Therefore, terrestrial ecological exposures are not considered. Surface water and sediment impacts are also not considered since surface water bodies are a substantial distance from the Site and a pathway of migration to surface water does not exist. Nonetheless, this RI will assess the extent of the dissolved-phase plume to confirm that impacted ground water from the Site does not discharge to surface water. Storm water is not considered to be potentially impacted since the impacts are only present beneath a capped surface and the storm sewer piping is well above the water table.

The specific investigative objectives for the Site, based on the current understanding and regulatory requirements, are to:

- Assess the likely source area(s) for impacts to the environment.
- Evaluate potential preferential pathways for contaminant migration.
- Assess the nature of impacts to the environment.
- Assess the lateral distribution of impacts to environmental media.
- Evaluate potential pathways of exposure to human and environmental receptors.
- Provide sufficient data to quantify potential human health risks.

These objectives have been met to a degree sufficient to begin evaluating the potentially applicable and available remedial alternatives for the Site.

3.0 INVESTIGATIVE STRATEGY

As mentioned above, this RI utilized a phased investigative approach for the investigation of the Site. This phased approach included the following two primary rounds of investigation:

- **Initial RI** – focused on the potential source areas for suspected impacts; and
- **Supplemental RI** – focused on the further characterization of the nature and extent of the impacts in the Initial RI.

Both the Initial RI and the Supplemental RI used an iterative investigative strategy where initial phases of work focused and directed the specific actions in later phases of investigation. In this manner it was possible for the later stages of the Site investigation to be guided and focused by the prior findings. The scope of each iterative phase of investigation was reviewed and approved by Ecology as a component of the Agreed Order.

A *Draft RI Work Plan* for the Initial RI was submitted to Ecology on July 26, 2007. The PLPs received comments from Ecology to the draft work plan in a letter entitled Whitney's Chevrolet Draft RI Work Plan Comments dated October 24, 2007. The PLPs prepared a *Final RI Work Plan* dated February 6, 2008 which was subsequently accepted by Ecology. The rationale, methodologies, and procedures presented within these Work Plans were used during performance of this RI.

3.1 The Initial RI

The Initial RI consisted of the following elements:

- Identify data gaps based upon available data: This included a detailed review of the historical data and an evaluation of those data necessary to continue with the RI. This task was focused on the Initial RI area as presented on Figure 3.
- Initial phase of subsurface investigation: This included a geophysical survey to assess the potential existence and location of USTs within the Initial RI area. The geophysical survey included both an electromagnetic (EM) survey and a ground penetrating radar (GPR) survey.
- Second phase of subsurface investigation: This phase consisted of assessing the findings of the EM and GPR surveys in combination with the previously identified data gaps. The second phase of investigation included reconnaissance soil and ground water sampling using direct-push technology (DPT) methods in 21 locations across the Initial RI area. These samples were submitted for the range of analyses presented in Table 2 and stipulated in the RI WP.
- Final phase of subsurface investigation: Upon completion of the DPT sampling and analysis the data were evaluated to provide an initial assessment of the type and distribution of impacts. These data were used to guide the installation of six ground water monitoring wells in locations agreed upon by Ecology. These wells were then sampled and ground water samples were submitted for appropriate analyses.

Upon completion of the Initial RI, a Draft RI Report was prepared and submitted to Ecology for review on October 15, 2008. Ecology performed some initial review of the Draft RI but did not provide comments. Ecology then requested a meeting, which was attended by numerous parties suspected by Ecology as being contributors to ground water impacts in downtown Montesano. After that meeting the Whitney's Chevrolet PLPs volunteered to perform a Supplemental RI of the Site in an effort to further characterize the impacts identified during the Initial RI. That offer was accepted by Ecology.

3.2 Supplemental RI

Draft Supplemental RI Work Plans were submitted to Ecology on April 30, 2009 and August 17, 2009. Ecology's comments to the April 30, 2009 draft work plan were presented in a letter entitled *Whitney's Chevrolet Supplemental Remedial Investigation (RI) Work Plan and Vapor Intrusion Response* dated July 9, 2009. The PLPs provided a revised draft work plan on August 17, 2009 and Ecology's comments to that work plan were presented in a letter entitled *Ecology Comments to Supplemental RI/VI Work Plan* dated October 14, 2009. A significant portion of Ecology's responses pertained to incorporating vapor intrusion (VI) assessment into the Supplemental RI and filling VI data gaps in the Initial RI area. The *Final Supplemental RI Work Plan* was submitted on October 21, 2009 and subsequently accepted by Ecology.

As with the Initial RI, an initial data gaps analysis was performed, which was incorporated into the scope of work for the SRI WP. The Supplemental RI was performed in phases similar in scope as those for the Initial RI, but with an expanded scope of work to account for the potential VI concerns expressed by Ecology. The Supplemental RI consisted of the following:

- **Building Survey:** This task was intended to meet an Ecology requirement for assessing the conditions and construction of buildings within, and immediately adjacent to the Site which could be affected by VI.
- **Initial phase of subsurface investigation:** This phase of the Supplemental RI included a geophysical survey consisting of EM and GPR to assess the potential presence of USTs or other potential sources of release within the Supplemental RI area. The geophysical methods were also used to assess the potential or likely locations of underground utilities, which could serve as potential contaminant migration pathways, particularly for vapors. Additional public records searches were performed to assess the types and locations of utilities at the Site.
- **Second phase of subsurface investigation:** This phase of the Supplemental RI included two primary subtasks. The first subtask was performing DPT sampling of soil, soil gas, and ground water throughout the Supplemental RI area and revisiting some portions of the Initial RI area for soil gas sampling. A total of 19 DPT borings were advanced within the Supplemental RI area and sampled for soil, soil gas, and/or reconnaissance ground water as indicated in the SRI WP. An additional 5 DPT borings were sampled within the Initial RI area for soil gas only. These are adjacent to locations that had been sampled during the Initial RI for soil and ground water only. The second subtask within this phase of investigation was the collection of air samples. Air sampling was performed concurrently with the DPT sampling and consisted of collecting and analyzing 10 indoor air samples and 4 outdoor/background air samples. This sampling was performed as described in the SRI WP.
- **Final Phase of Supplemental RI:** Upon completion of the DPT sampling and analysis, the data were evaluated to provide a fuller characterization of the impacts identified in the Initial RI. These data were used to guide the installation and sampling of 7 ground water monitoring wells. This included 3 more wells than originally proposed in the SRI WP. All well locations were first proposed to Ecology prior to installation. After installation, the newly installed wells, and the wells installed during the Initial RI were sampled. In addition, a group of existing wells on the Sterling Savings Bank property and wells previously installed by Ecology within City of Montesano rights-of-way were also sampled. A total of 18 wells were sampled during this phase of work.
- **Out-of-Scope Additional Sampling:** The data generated during the planned final phase of the Supplemental RI were reviewed and evaluated. These data suggested that the dissolved-phase impacts of GRPH and benzene to ground water extended to the east beyond the centerline of South Main Street, where the farthest down-gradient wells installed during the RI were located. The Whitney PLPs approached the PLPs for the Tony's Short Stop Site for access to perform sampling and analysis of six wells on the Tony's Short Stop Site. That access was granted and the 18 existing wells associated with the Whitney's Chevrolet Site were re-sampled contemporaneously with the six wells on the Tony's Short Stop Site. This

sampling effort was not originally proposed in the Supplement RI Work Plan but the resulting data are presented herein. Those data have served to characterize the maximum down-gradient extent of the dissolved-phase impacts originating from releases on the Whitney's Chevrolet facility.

Figure 5 illustrates the locations of all DPT borings, permanent ground water monitoring wells, and air sampling locations for this entirety of the RI.

4.0 FINDINGS

The following subsections of this report discuss the findings of each phase of the Initial RI and the Supplemental RI. Key components of the methodologies and field procedures are discussed, as are deviations from the respective work plans. The reviewer is referred to the RI WP and the SRI WP for detailed discussions of methodologies and procedures.

4.1 Initial RI

As noted above, the Initial RI was performed in the summer of 2008 and was focused on the northwestern portion of the Site. This area was known to have historic USTs and was suspected of having had historic releases. However, the locations of USTs were not well documented and the nature and extent of the suspected releases were unclear. The Initial RI included data gaps analysis, EM/GPR surveys, DPT soil and ground water sampling, and monitoring well installation and sampling. The findings of those investigative actions are discussed below.

4.1.1 Initial Data Gap Analysis

Review of the previous investigations that have occurred either at, or in the vicinity of, the northwestern portion of the Site indicated the existence of several data gaps. In accordance with WAC 173-340-350(7)(b)(v), the existing data were evaluated and areas were identified where additional information was necessary to support a completed characterization of the subject property. The following summary presents identified data gaps and provides a brief explanation of each:

- **Locations of USTs** – The Site has a lengthy and potentially complex history of UST use and placement. Although several USTs have been identified, a comprehensive investigation to locate known and unknown USTs throughout the subject property was not conducted.
- **Soil and Ground Water Assessment** – Soil samples were collected in 1995 during a subsurface investigation at the northwest corner of the Initial RI area. One soil boring was advanced in the southern portion of the Initial RI area during the 2005 GeoEngineers investigation. Additional soil and ground water samples were needed to assess the potential presence or absence of impacts at the Whitney's Chevrolet facility.
- **Potential Migration Pathways** – Previous investigations did not identify potential contaminant migration pathways. Separate-phase hydrocarbon (SPH) product had been detected on the Sterling Savings Bank property. However, that free-phase petroleum product was at a

considerable distance and appeared to be cross-gradient from potential sources on the Whitney's Chevrolet facility. In addition, no sources of free-phase petroleum product have been identified on the Whitney's Chevrolet facility. It was not clear whether the free-phase product was associated with a preferential migration pathway or an off-site source.

- Potential Receptors – Previous investigations did not identify potential receptors of suspected contaminants at the subject property or the potential for completed exposure pathways.

4.1.2 Initial Phase of Investigation

Previous investigations had identified the locations of six USTs at, or associated with, the Whitney's Chevrolet facility. Additionally, at least two other suspected USTs had been identified. The Initial RI comprehensively assessed the Whitney's Chevrolet facility to identify locations and orientations of known or suspected USTs and unidentified anomalies that could be USTs. The selected methods for identifying subsurface anomalies at the subject property include EM and GPR technologies.

4.1.2.1 Geophysical Survey

The geophysical survey consisted of both EM and GPR surveys conducted by Geo Recon International of Seattle, Washington. The EM survey was conducted on the exterior portions of the Initial RI area. Electromagnetic anomalies identified by the EM survey were further investigated using GPR. The GPR survey was conducted on five-foot lateral traverses. The results of the EM and GPR surveys are presented in Attachment A.

A total of six USTs (*i.e.*, UST-1 through UST-6, Figure 3) were identified during the initial phase of investigation. Three USTs are located west of the Whitney building in South First Street and three are within the Whitney building.

4.1.3 Additional Data Gap Analysis and Second Phase of Initial RI

After completion of the initial investigation described above, EPI compared the resulting data to the body of previous environmental investigation data. The objective of this evaluation was to identify data gaps and to develop an appropriate strategy for assessing those data gaps.

The specific objectives of the second phase of investigation were to:

- Identify the presence or absence of soil and/or ground water impacts in potential source areas (*i.e.*, USTs);
- Assessing the nature of environmental impacts;
- Assess the general lateral distribution of such impacts;
- Assess the potential presence of impacts at hydraulically down-gradient property boundaries; and

- Provide sufficient data to appropriately site permanent monitoring wells.

The second phase of the Initial RI consisted of advancing and sampling 21 DPT borings throughout the Initial RI area. The boring locations were proposed to Ecology in draft form and the final locations were ultimately approved by Ecology.

The locations of the DPT borings for the Initial RI are indicated on Figures 5 and 6. Eleven borings (*i.e.*, DPT-1 through DPT-11) were located adjacent to the known or suspected USTs. These borings were advanced and sampled to identify the potential presence of impacts likely associated with the USTs. One boring (*i.e.*, DPT-12) was sited to characterize environmental conditions along the northern, up-gradient boundary of the Initial RI area and boring DPT-13 was generally located in the center of the Initial RI area. Three borings (*i.e.*, DPT-14 through DPT-16) were sited to characterize environmental conditions along the southern, down-gradient boundary of the Initial RI area. Five borings (*i.e.*, DPT-17 through DPT-21) were located to characterize environmental conditions along the eastern, down-cross gradient boundary of the Initial RI Area.

Due to the presence of underground utilities, the first 10 feet of borings DPT-19, DPT-20, and DPT-21 were advanced using vacuum-excavation and were advanced beyond 10 feet using standard DPT methods.

Prior to any fieldwork, EPI contracted with a utility locating service to identify the presence of locatable buried utilities in the investigation area. The utility locator also attempted to identify the alignment of some of the storm sewer lines at the subject property since their exact alignment was not well known.

Each boring was sampled continuously from the surface to its terminal depth, with the exception of borings DPT-19, DPT-20, and DPT-21 (see above). Those three borings were field screened using a hand auger sampler at the five- and ten-foot intervals. Recovered soil samples from all 21 borings were field screened for indications of contamination using visual and olfactory techniques. The soil conditions encountered were described using the Unified Soil Classification System (USCS) with visual-manual procedures (ASTM 2488D). The soil conditions encountered, and the results of field screening, are presented on descriptive boring logs for each location. Boring logs are presented in Attachment B.

Soil and ground water sampling procedures were as presented in the RI WP. A total of 48 soil samples and 21 ground water samples were collected and submitted for analysis. Soil and ground water samples were analyzed for the range of analyses summarized in Table 2.

As noted in Table 2, not all samples were submitted for each of these analyses. Rather, analyses were targeted to those areas where a particular chemical may have been used. In some instances, samples were archived and stored at the laboratory pending requests for analyses of other samples. If an initial result indicated the presence of impacts at concentrations exceeding a potentially applicable cleanup level, then follow-up analysis of the archived sample was typically requested.

4.1.3.1 Interim Findings of Initial RI

Subsurface Conditions

Surface conditions encountered in the northern portion of the subject property generally consisted of 4 to 5 inches of concrete. Surface conditions encountered in all other areas of the subject property generally consisted of 2 to 3 inches of asphalt underlain by about 2 to 3 inches of gravel sub-base.

Shallow soil in the northern portion of the property consisted of 2 to 3 feet of organic soil. In the other areas of the property, the shallow soil consisted of Silty Sand to about 6 feet below grade. Clay was observed to a depth of about 12 feet. Poorly-Graded Sand was observed from about 12 feet below grade to the maximum extent of investigation of 20 feet below grade. Descriptions of the soil types encountered at each boring location and the results of field screening are presented on the boring logs in Attachment B.

Ground water was encountered at depths ranging from about 9 to about 16.5 feet below grade. At the time of this phase of investigation, the hydraulic gradient was anticipated to be southerly to southeasterly. Actual hydraulic gradient information was developed after installation of permanent monitoring wells in subsequent phases of the remedial investigation.

Analytical Results

Comprehensive summaries of the compounds detected in soil and ground water for this phase of investigation are presented in Tables 4 through 7. The original laboratory reports are included in Attachment C.

In evaluating the analytical results, MTCA Method A and Method B soil and ground water cleanup levels were used for screening purposes. The screening levels for individual compounds were presented in Table 4 of the SRI WP and are included in each data table discussed herein.

It should be noted that final cleanup levels for the Site have not yet been established. Final cleanup levels will be established in subsequent document and will consider factors such as the planned land use and the likely exposure scenarios. Any institutional and/or engineering controls will be incorporated into the development of cleanup levels and planned remedial actions. Final cleanup levels will be fully protective of human health and the environment and will be subject to Ecology review and approval.

The primary contaminants at the Site are petroleum hydrocarbons fuels (primarily gasoline), fuel-related aromatic and volatile compounds and the chlorinated VOC tetrachloroethylene (PCE). For ease of use and review, the narrative below focuses on the distribution of compounds currently considered to be indicator hazardous substances (IHSs) and which either are indicative of the distribution of a broader range of compounds or which have the potential to drive a remedial action. The specific IHSs include petroleum hydrocarbons, benzene, naphthalenes and PCE in soil and ground water. Other compounds may be discussed as necessary to fully present the findings and/or conclusions of the report. Laboratory results for all detected compounds are presented in the summary tables and within the actual laboratory reports.

Soil Samples

A total of 48 soil samples from 21 individual locations were submitted for the range of analyses indicated in Table 2. The analytical results for soil samples collected during the initial phase of

investigation are summarized in Tables 4 and 5. Sample locations are depicted on Figure 6, and final laboratory analytical reports are presented in Attachment C.

GRPH were measured at concentrations above the method detection limit (MDL) in samples from eight boring locations. A total of 13 samples contained measurable GRPH with concentrations ranging from 20 mg/kg to 16,000 mg/kg. Eleven of the measurable concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 30 mg/kg, with benzene present. These 11 soil samples were collected from borings DPT-1 through DPT-5 and DPT-7 through DPT-9.

Diesel-range petroleum hydrocarbons (DRPH) were measured at concentrations above the MDL in samples from three boring locations. A total of four samples from these three borings contained measurable DRPH with concentrations ranging from 210 mg/kg to 1,300 mg/kg. None of the detected DRPH concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg.

Oil-range petroleum hydrocarbons (ORPH) were measured at concentrations above the MDL in samples from nine boring locations. A total of 10 samples from these nine borings contained measurable ORPH with concentrations ranging from 160 mg/kg to 16,000 mg/kg. Six of the measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg. These six soil samples were collected from borings DPT-8 through DPT-11 and DPT-13.

Benzene was measured at concentrations above the MDL in soil samples from eight boring locations. A total of 13 samples from the eight borings contained measurable benzene with concentrations ranging from 0.0041 mg/kg to 6.6 mg/kg. Seven of the measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 0.03 mg/kg. These included soil samples collected from borings DPT-2, DPT-5, DPT-6, and DPT-8. The MDL was increased above the MTCA Method A Soil Cleanup Level due to GRPH interference in 5 of the soil samples analyzed for benzene. This included soil samples collected from borings DPT-1, DPT-3, DPT-7, and DPT-9.

Naphthalenes were measured at concentrations above the MDL in samples from 12 boring locations. A total of 20 samples from the 12 borings contained measurable naphthalene with concentrations ranging from 0.0011 mg/kg to 150 mg/kg. Four of the measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 5.0 mg/kg. These included soil samples from borings DPT-2, DPT-3, and DPT-5.

Lead was measured at concentrations above the MDL in samples from nine boring locations. A total of 10 samples from the nine borings contained measurable total lead with concentrations ranging from 7.5 mg/kg to 320 mg/kg. One of the measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 250 mg/kg. This was the soil sample collected from boring DPT-14 at 3 feet below grade.

PCE was measured at concentrations above the MDL in samples from eight boring locations. A total of eight samples contained measurable PCE with concentrations ranging from 0.00085 mg/kg to 0.0047 mg/kg. None of the measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 0.05 mg/kg.

Ground Water Samples

A total of 21 ground water samples were collected and submitted for the range of analyses as indicated in Table 2. The ground water analytical results for the initial phase of investigation are summarized in Tables 6 and 7.

Neither DRPH nor ORPH were detected in any of the ground water samples at a concentration exceeding the MDL.

GRPH were measured at concentrations above the MDL in 14 locations at concentrations ranging from 200 micrograms/liter ($\mu\text{g/L}$) to 78,000 $\mu\text{g/L}$. Eleven of the measured concentrations exceeded the MTCA Method A Cleanup Level for Ground Water of 800 $\mu\text{g/L}$, with benzene present. These included water samples collected from borings DPT-1 through DPT-3, DPT-5 through DPT-11, and DPT-19.

Benzene was measured at concentrations above the MDL in 14 locations at concentrations ranging from 0.84 $\mu\text{g/L}$ to 2,500 $\mu\text{g/L}$. Ten of the measured concentrations exceeded the MTCA Method A Cleanup Level for Ground Water of 5 $\mu\text{g/L}$. These included water samples collected from borings DPT-2, DPT-3, DPT-5 through DPT-11, and DPT-19.

Naphthalenes were measured at concentrations above the MDL in 14 locations at concentrations ranging from 1.7 $\mu\text{g/L}$ to 1,100 $\mu\text{g/L}$. Seven of the measured concentrations exceeded the MTCA Method A Ground Water Cleanup Level of 160 $\mu\text{g/L}$.

Ground water also contained a variety of fuel-related non-chlorinated VOCs including isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, tert-butylbenzene, p-isopropyltoluene, n-butylbenzene, and ethylene dibromide (EDB).

EDB was measured at concentrations above the MDL in nine locations at concentrations ranging from 0.037 $\mu\text{g/L}$ to 3.7 $\mu\text{g/L}$. Each of the measured concentrations exceeded the MTCA Method A Ground Water Cleanup Level of 0.01 $\mu\text{g/L}$.

PCE was measured above the MDL in 15 of 21 samples at concentrations ranging from 0.23 $\mu\text{g/L}$ to 62 $\mu\text{g/L}$. Eight of the measured concentrations exceeded the MTCA Method A Ground Water Cleanup Level of 5.0 $\mu\text{g/L}$.

Total lead was measured above the MDL in water samples from 13 locations at concentrations ranging from 2.0 $\mu\text{g/L}$ to 57 $\mu\text{g/L}$. Six of the measured concentrations exceeded the MTCA Method A Cleanup Level for Ground Water of 15 $\mu\text{g/L}$. These included water samples collected from borings DPT-5, DPT-7, DPT-8, DPT-10, DPT-11, and DPT-19.

No other target analyte was detected at a concentration above the MDL of the method used.

4.1.4 Final Phase of Initial RI

Figures 7, 8 and 9 present isoconcentration contours for GRPH, benzene, and PCE, respectively, for data collected during the Initial RI DPT sampling and analysis. Based upon these data, six ground water monitoring wells (WCMW-1 through WCMW-6) were installed during the third phase of Initial RI. The monitoring well locations were proposed to, and approved by, Ecology prior to installation. Monitoring well installation and sampling were performed in May and June of 2008.

These monitoring wells were installed with the objectives of:

- Characterizing of the local hydraulic gradient, and
- Providing an ability to collect fully quantitative and repeatable ground water quality data.

Prior to fieldwork, EPI contracted with a utility locating service to identify the presence of locatable buried utilities at the site. The utility locator also attempted to identify the alignment of some of the storm sewer lines since their exact alignment was not well known.

The ground water monitoring wells were installed consistently with the requirements of WAC 173-160, Minimum Standards for Construction and Maintenance of Wells. Construction details, well design, and well development procedures are presented below.

Four of the six ground water monitoring wells (*i.e.*, WCMW-1 through WCMW-3, and WCMW-6) were constructed of 2-inch diameter, flush-threaded, Schedule 40 poly vinylchloride (PVC) well casing and 15-feet of machine-slotted 0.020-inch well screen. Monitoring wells WCMW-4 and WCMW-5 were sited too close to existing utilities to allow installation with a 10 5/8-inch diameter auger. EPI requested, and Ecology provided, permission to vacuum-excavate the upper 10-feet of these well borings. The remainder of these well borings was drilled using a 2-inch inside diameter hollow stem auger (HSA). The wells were constructed of 1-inch diameter, flush-threaded Schedule 40 PVC well casing and screen.

Each ground water monitoring well was installed with approximately 15 feet of screened interval with the terminal depth at about 10 feet below the unsaturated/saturated interface at the time of drilling. This allows the water table to intersect the well screen throughout the normal annual fluctuations in water table elevation.

All six ground water monitoring wells were set in a 10-20 Colorado silica sand (CSSI), 2/12 Monterey, or equivalent sand filter pack. The sand filter pack extended at least one foot above the top of the screened interval and was topped with a minimum 2-foot-thick seal of hydrated bentonite chips in the annular space immediately above the sand filter pack. The remainder of the annular space was sealed with grout or hydrated bentonite chips to within one foot of the ground surface.

The new wells were secured with flush-completion steel protective monuments set in concrete. The monuments were raised approximately one inch above the existing grade with a sloping concrete pad to minimize the potential for surface water entering the monument. Each well plug was secured with a universal lock.

All wells were surveyed after installation by a Washington-licensed surveyor to an established local datum. Surveying included measurement of the top surface of the well monument and the top edge of the north side of the well casing. Horizontal locations were obtained with an accuracy of ± 0.1 foot and vertical elevations to an accuracy of ± 0.01 foot.

The new wells were developed using a combination of pumping and surging. Well development was completed by continuous pumping at a steady rate using a peristaltic pump or submersible pump, depending upon the diameter of the well. Well development equipment used inside each well was decontaminated by a combination of a rinsate solution (*i.e.*, Alconox) and deionized water to the satisfaction of the on-site EPI field personnel. Well development was terminated when the turbidity of the discharge water decreased to less than 10 nephelometric turbidity units (NTU) or 10 wetted casing volumes were removed, whichever came first.

Monitoring well purging and sampling were performed using a peristaltic pump and disposable tubing. Each well was purged until field measurements of temperature, pH, and conductivity had stabilized or until three wetted casing volumes had been removed. During sample collection, the pump discharge was limited to 100 milliliters/minute or less and samples were placed directly into laboratory-supplied containers appropriate for the intended analyses. After sample collection all tubing was discarded.

Immediately upon collection, all samples were labeled and placed in an iced cooler. All samples were sampled and handled using standard chain of custody protocols. Laboratory analyses were performed by On-site Environmental in Redmond, Washington.

4.1.4.1 Findings of Third Phase of Initial RI

Subsurface Conditions

The subsurface soil conditions encountered during the additional phase of investigation were consistent with those observed during the initial phase of investigation.

During monitoring well drilling, ground water was encountered at depths between 15.5 feet below grade and 16 feet below grade. The piezometric elevation stabilized at depths ranging from 15.11 feet below grade to 16.42 feet below grade. The hydraulic gradient for July 1, 2008 was approximately 0.013 ft/ft from WCMW-1 to WCMW-5 in a generally easterly to southeasterly direction. This confirmed gradient direction is more easterly than originally anticipated based on previous work by others. A piezometric contour map is included as Figure 10 and water table elevation data are summarized in Table 12.

Analytical Results

Soil Samples

A total of 16 soil samples were collected during monitoring well installation and submitted for the range of analyses indicated in Table 3. The analytical results for this phase of investigation are summarized in Tables 8 and 9. Sample locations are depicted on Figure 11. The final laboratory reports are included in Attachment C.

GRPH were measured in two samples at concentrations of 5.7 mg/kg and 13 mg/kg. The samples were collected from two of the six monitoring well boring locations (*i.e.*, WCMW-1 and WCMW-5). Both of the GRPH concentrations were below the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 30 mg/kg, with benzene present.

DRPH was measured in only one sample, which was collected from the monitoring well boring for WCMW-2 at a concentration of 87 mg/kg. The detected DRPH concentration was below the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg.

ORPH was measured in only one sample, which was collected from the monitoring well boring for WCMW-2 at a concentration of 2,600 mg/kg. The detected ORPH concentration exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 2,000 mg/kg.

Benzene was detected in nine soil samples, which were collected from five of the six monitoring well boring locations at concentrations ranging from 0.033 mg/kg to 1.0 mg/kg. Two of the nine measured concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 0.03 mg/kg. These included soil samples from monitoring well boring locations WCMW-1 and WCMW-2, which were near the USTs outside of the northwestern corner of the Whitney's Chevrolet building.

No VOCs were measured at concentrations exceeding MTCA cleanup levels in any of the 16 soil samples submitted for analyses.

No other target analyte was detected at a concentration above the detection limit of the method used in any of the other soil samples submitted for analysis.

Ground Water Samples

A total of six ground water samples and five split samples were collected and submitted for the range of analyses indicated in Table 3. The ground water analytical results are summarized in Tables 10 and 11. Isoconcentration contours for GRPH and benzene concentrations in the monitoring well ground water samples are depicted on Figures 12 and 13.

GRPH were measured in samples from five of the six monitoring wells at concentrations ranging from 1,700 µg/L to 67,000 µg/L. Each of the measured GRPH concentrations exceeded the MTCA Method A Cleanup Level for Ground Water of 800 µg/L, with benzene present. GRPH was detected in samples from wells WCMW-1 through WCMW -5.

Neither DRPH nor ORPH were detected at concentrations exceeding the MDL in samples from any of the six monitoring wells.

Benzene was measured in samples from five of the six monitoring wells at concentrations ranging from 2.4 µg/L to 1,600 µg/L. Benzene concentrations in samples from four of the six wells exceeded the MTCA Method A Cleanup Level for Ground Water of 5 µg/L. These samples were from wells WCMW-1 through WCMW-3 and WCMW-5.

Dissolved lead was measured in water samples from three of the six monitoring wells at concentrations ranging from 2.9 µg/L to 43 µg/L. The dissolved lead concentration in samples from two of the six wells exceeded the MTCA Method A Cleanup Level for Ground Water of 15 µg/L. These samples were collected from wells WCMW-2 and WCMW-3.

The only chlorinated VOC measured in samples from monitoring wells was PCE. PCE was measured in samples from two of the six monitoring wells at concentrations of 0.93 µg/L and 26 µg/L. The concentration detected in the sample from WCMW-1 exceeded the MTCA Method A Ground Water Cleanup Level of 5.0 µg/L. It should be noted that the presence of elevated GRPH concentrations in samples from WCMW-2, WCMW-3, and WCMW-5 resulted in elevated detection limits.

Nine fuel-related VOCs were detected in ground water samples from the monitoring wells. The detected compounds were isopropylbenzene, n-propylbenzene, sec-butylbenzene, n-butylbenzene, p-isopropyltoluene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, naphthalene and EDB.

4.1.5 Conclusions of the Initial RI

The findings of the Initial RI generally indicated that there had been releases of petroleum hydrocarbons to soil and ground water on the Whitney's Chevrolet facility and that those impacts extended to the east, in the hydraulically down-gradient direction, beyond the Initial RI area. More specifically, the findings of the Initial RI supported the following general conclusions:

- Soil and ground water in the northern portion of the Initial RI area are impacted with petroleum hydrocarbons, petroleum hydrocarbon-related VOCs, PCE (in ground water only), and lead at concentrations exceeding MTCA cleanup levels.
- There appears to have been two and possibly three areas of release of petroleum hydrocarbons. These areas include one or more of the USTs in the central portion of the Whitney's Chevrolet facility (*i.e.*, UST-5 and UST-6) and potentially USTs located at, or adjacent to the northwestern corner (*i.e.*, USTs 1 through 3). These potential source areas are most readily observed on Figures 12 and 13, which depict the isoconcentration contours for GRPH and benzene in ground water.
- Petroleum hydrocarbon impacts extend beyond the eastern, hydraulically down-gradient, boundary of the Initial RI area. These impacts do not extend substantially to the south beyond the Whitney's Chevrolet facility and there does not appear to be an off-property contribution to the observed impacts from an up-gradient source to the west.
- The source of PCE impacts is unclear. PCE is not known to have been disposed at the Whitney's Chevrolet facility. PCE was not detected in any soil samples and the distribution of PCE does not appear to exhibit a higher concentration on-site source area. The dissolved-phase impacts appear to extend beyond the eastern, hydraulically down-gradient, boundary of the Initial RI area and there is also the potential for contribution from a hydraulically up-gradient source to the west. The presence of elevated petroleum hydrocarbon concentrations has resulted in elevated detection limits and matrix interferences in the VOC analyses. These

matrix interferences result in some uncertainty in the interpretation of PCE impacts in ground water within the Initial RI area.

- Additional remedial investigation is necessary to fully characterize the nature and extent of ground water impacts originating from the Whitney's Chevrolet facility. Additional characterization of ground water impacts is required to the east and southeast as well as an evaluation of potential impacts from vapor intrusion (VI).

These findings and conclusions were previously presented in a Draft RI Report presented to Ecology on October 15, 2008. Since that time, the findings presented in the Draft RI Report have continued to be refined and were incorporated into the scope of work development for the Supplemental RI. As noted above, the SRI WP was finalized on October 21, 2009 and accepted by Ecology.

4.2 Supplemental RI

The findings and conclusions presented above were used as a starting point for the Supplemental RI. The Supplemental RI activities have generally served to complete the characterization of the Site to a point where it is possible to begin to assess potential remedial alternatives. The findings of the Supplemental RI are discussed below.

4.2.1 Building Survey

The Building Survey was a requirement of the evaluation of potential VI. A Building Survey has been completed for the Whitney's Chevrolet Facility, Sterling Savings Bank, and the VFW/Charlie's Tavern building. The completed Ecology Building Survey forms were completed by the building owners and are provided in Attachment D. Ecology also required the identification of a "...100-foot *minimum buffer zone*..." around the potential Site. This buffer zone was apparently intended to identify areas with a potential threat of VI from the releases at the Site. This figure was provided in the Supplemental RI Work Plan and is presented again herein on Figure 14. For the purposes of the Supplemental RI, the actual assessment of VI issues was limited to buildings within the Site, with the understanding that first step in VI evaluation was to assess conditions nearest the potential source of vapors.

The building survey found that the entirety of the Whitney's Chevrolet facility consists of several multi-age buildings that are constructed on slab-on-grade concrete floors. The external walls and some of the internal walls consist of CMU block with the remainder being constructed of wood framing. In general, the facility building is subdivided with office and sales rooms in the northwest corner, parts department in the northeast corner, a narrow strip of used car sales offices along the south end of the buildings, and the central portion containing open shop/garage areas for vehicle maintenance including tire repair, automotive body repair and painting, and engine repair/maintenance. The concrete floor has molded expansion joints and cracks throughout. The northwest corner of the building contains a second floor that is occupied by the Wynooche Lodge.

The office areas are heated with both electric heaters and a 1940's era steam boiler that is fueled from used oil stored in an above ground storage tank. The shop areas are generally open with access to/from the outside through two garage doors. The Whitney's Chevrolet buildings range in age from

about 1903 to 1950 and were constructed in several phases. A variety of automotive maintenance-type cleaners and lubricants are used throughout the facility, as well as typical household cleaners in the office areas. A self-contained solvent parts washing unit is located on the south end of the shop area. According to site personnel, the parts washer is serviced and maintained by a licensed contractor.

The Sterling Savings Bank building has exterior brick walls with interior wood framing. The eastern two-thirds of the building consists of slab-on-grade floor and the western third contains an unfinished concrete basement. Flooring in the main floor consists of either carpeting, or linoleum or brick. The concrete walls and flooring in the basement appeared to be in good condition with very few cracks. Cracks that were present were filled previously with chalking. The basement is used primarily for storage and the main floor is used for banking business. The building was constructed in about 1973 and is heated with electric wall units. Chemical use in the building appears to be limited to typical household-type cleaners and latex paint.

The VFW/Charlie's Tavern building is a two-story building with the north half occupied by Charlie's Tavern (main floor) and upstairs apartments (unoccupied), and the south half occupied by the VFW tavern (main floor) and clubrooms. The exterior walls consist of either wood, CMU block, or concrete and the interior walls consist of wood framing with finished walls with typical painted drywall surfaces. Flooring consists of wood that is either bare or covered with carpeting or linoleum. The south half contains a crawl space below the floor, and the north half consists of a partial basement on the western end, and a crawl space on the eastern end. The basement floor consists of concrete and soil, and the crawl space is soil partially covered with plastic sheeting. The basement is accessed through a trap door in the main floor of Charlie's Tavern and is used for storage. The building was constructed in about 1910. Heating is supplied by either a natural gas fueled HVAC system or electric floor mounted space heaters. Chemical use within the building appears to be limited to typical household-type cleaners and latex paint.

4.2.2 Initial Phase of Supplemental RI

As noted, the initial phase of the Supplemental RI consisted of a utility search and a geophysical survey.

The utility search included a review of public records to assess the locations, types, and likely depths of underground utilities. The public records were reviewed at the City of Montesano records office and included interviews with City personnel. The utility search was augmented by the geophysical survey activities. Figure 4 depicts the locations of underground utilities at the Site.

The geophysical survey was conducted by Northwest Geophysical Associates (NGA) of Corvallis, Oregon. The geophysical survey consisted of an EM survey followed by a GPR survey to further investigate potential EM anomalies. The geophysical survey was primarily intended to assess the potential presence of additional USTs or other contributing sources of impacts to ground water previously detected during the Initial RI. A secondary objective of the GPR portion of the survey was to assess, if possible, the likely alignments of subsurface utilities and to confirm the findings of the public records search.

The geophysical survey did not identify the presence of additional USTs. The NGA report is presented as Attachment E to this report.

4.2.3 Second Phase of Supplemental RI

As noted above, the second phase of the Supplemental RI consisted of two subtasks. The first of these subtasks was DPT sampling for soil, soil gas, and ground water within the Supplemental RI area and targeted soil gas sampling within the Initial RI area. The second subtask was collection of air samples within the on-site buildings and in appropriate locations to assess ambient background air quality.

4.2.3.1 DPT Sampling and Analysis

Soil, soil gas, and/or reconnaissance ground water samples were collected at a total of 27 locations using DPT sampling techniques throughout the Supplemental RI area as well as additional sampling within the Initial RI area. Sampling locations are indicated on Figure 15.

Soil, soil gas, and reconnaissance ground water samples were collected from 17 borings (*i.e.*, DPT-22 through DPT-38) throughout the Supplemental RI area east of the Whitney's Chevrolet facility. The objective of these sampling locations was to provide additional information regarding the distribution of impacts to soil (if present) and ground water. These data would, in turn, be used to identify appropriate locations for ground water monitoring wells. The soil gas samples were collected to assess the potential correlation between soil gas impacts and soil or ground water impacts in the areas sampled.

Additionally, soil, soil gas, and ground water samples were collected from five borings (*i.e.*, DPT-44 through DPT-48) located hydraulically up-gradient (*i.e.*, north and west) of the northwest corner of the Whitney's Chevrolet facility. These data were collected to assess the potential extent of hydrocarbon impacts north and west of the former USTs and to assess the general extent of PCE impacts in this area.

Soil gas only samples were collected from five borings (*i.e.*, DPT-39 through DPT-43) located immediately adjacent to five monitoring wells installed during the Initial RI (*i.e.*, WCMW-1 through WCMW-5). The objective of these samples was to assess the potential correlation between soil gas data and both previously collected soil samples and current ground water monitoring results.

A total of 49 soil samples, 27 soil gas samples, and 21 reconnaissance ground water samples were collected during this phase of the Supplemental RI. These samples were submitted for the range of analyses summarized in Table 13. These analyses are the same as were presented in the SRI WP and included the use, where appropriate, of selected ion monitoring (SIM) methods to achieve the lowest reasonably possible method detection limits.

4.2.3.2 Air Sampling

Air samples were collected from the buildings located within the SRI area from both indoor and outdoor locations, as described in the SRI WP. The indoor air samples were collected with the objective of

assessing potential worker exposures and outdoor air samples were collected with the objective of assessing local area background air quality.

Three indoor air samples and one background air sample were collected at the Whitney's Chevrolet facility. Three indoor air samples and one background air sample were also collected at the Sterling Savings Bank building. One of the indoor air samples was collected from within the basement and two were collected on the main floor. Four indoor air samples and one background air sample were collected at the VFW/Charlie's Tavern building. One indoor air sample was collected from the crawlspace beneath the VFW and one was collected from the basement beneath Charlie's Tavern. The other two indoor air samples were collected from within the VFW and Charlie's Tavern spaces.

All samples were collected using 6-liter SUMMA canisters equipped with 8-hour pressure relief regulators. The inlet for the canisters was set at about 5-feet above the floor to simulate the typical human breathing space. As presented in the Supplemental RI Work Plan, all air samples were submitted for analysis using EPA Method TO-15 with SIM for specific compounds.

4.2.3.3 Interim Findings of Supplemental RI

Subsurface Conditions

The subsurface conditions encountered during the Supplemental RI are fully consistent with the prior findings of the Initial RI.

Shallow soil in the northern portion of the property consisted of 2 to 3 feet of organic soil. In the other areas of the property, the shallow soil consisted of Silty Sand to about 6 feet below grade. Clay was observed to a depth of about 12 feet. Poorly-Graded Sand was observed from about 12 feet below grade to the maximum extent of investigation of approximately 20 feet below grade. Descriptions of the soil types encountered at each Supplemental RI boring location and the results of field screening are presented on the boring logs in Attachment F.

Ground water was encountered at depths ranging from about 9 to about 18 feet below grade. The hydraulic gradient is known to be easterly to slightly southeasterly based on the Initial RI findings.

Analytical Results

Comprehensive summaries of the compounds detected in soil, soil gas, ground water, and air during the Supplemental RI are presented in Tables 14 through 20. The original laboratory reports are included in Attachment G.

As with prior data review the MTCA Method A and B soil and ground water cleanup levels were used for screening purposes. Final cleanup levels for the Site will developed in the future and will be fully protective of human health and the environment.

As with the Initial RI, the following discussion will focus on the Site IHSs. The specific IHSs include petroleum hydrocarbons (primarily gasoline fuel), benzene, naphthalenes and PCE. While other compounds may be present, they are all fuel-related and their extent is well characterized by the

characterization of GRPH and benzene. Other compounds may be discussed as necessary to fully present the findings and/or conclusions of the report. Laboratory results for all detected compounds are presented in the summary tables and within the actual laboratory reports.

Soil Samples

A total of 49 soil samples and five duplicate samples from 22 individual locations were submitted for the range of analyses indicated in Table 13. The locations of DPT borings for the Supplemental RI are depicted on Figure 15. Soil analytical results are summarized in Table 14 and final laboratory analytical reports are presented in Attachment G.

Neither GRPH, DRPH, nor ORPH were detected in any soil samples at concentration exceeding the MDL of the method used.

Benzene was measured at concentration above the MDL in four boring locations. A total of five samples contained measurable benzene concentrations ranging from 0.06 mg/kg to 0.92 mg/kg. Each of the detected concentrations exceeded the MTCA Method A Soil Cleanup Level for Unrestricted Land Uses of 0.03 mg/kg. Benzene was measured in soil samples from borings DPT-24, DPT-31, DPT-32, and DPT-33.

No other compounds were detected in soil at a concentration exceeding either a MTCA Method A or Method B cleanup level.

Ground Water Samples

A total of 21 ground water samples and three duplicate samples from 21 individual locations were submitted for the range of analyses indicated in Table 13. Ground Water Analytical results are summarized in Table 15 and ground water sample locations and data are depicted on Figure 16. Final analytical laboratory reports are presented in Attachment G.

GRPH was measured at concentrations above the MDL in nine of the 21 locations at concentrations ranging from 200 µg/L to 43,100 µg/L. Samples from five of the nine locations contained GRPH at concentrations exceeding the MTCA Method A Ground Water Cleanup Level of 800 µg/L when benzene is present. These locations include DPT-30 through DPT-34.

Benzene was measured at concentrations above the MDL in seven of the 21 locations at concentrations ranging from 1.4 µg/L to 836 µg/L. Samples from six of the seven locations contained benzene at a concentration exceeding the MTCA Method A Ground Water Cleanup Level of 5 µg/L. These locations include DPT-28 and DPT-30 through DPT-34.

Naphthalenes were measured at concentrations above the MDL in nine of 21 locations at concentrations ranging from 26 µg/L to 1,600 µg/L. Samples from each of the nine locations contained naphthalenes at a concentration exceeding the MTCA Method A Ground Water Cleanup Level of 20 µg/L. These locations include DPT-28, DPT-30 through DPT-35, DPT-44 and DPT-45.

PCE was measured at concentrations above the MDL in four of 21 locations at concentrations ranging from 1.1 µg/L to 8.2 µg/L. Samples from three of these locations contained PCE at a concentration exceeding the MTCA Method A Ground Water Cleanup Level of 5.0 µg/L. These locations include DPT-34, DPT-47, and DPT-48.

TCE was measured at concentrations above the MDL in three of 21 locations at concentrations ranging from 3.9 µg/L to 7.9 µg/L. Only the concentration at DPT-33 exceeded the MTCA Method A Ground Water Cleanup Level of 5.0 µg/L.

Figure 16 presents the DPT sample locations with those compounds that were detected at concentrations exceeding a compound-specific screening level. These data indicate the presence of a dissolved-phase GRPH and benzene plume extending from the Whitney's Chevrolet facility into the Supplemental IRA area hydraulically down-gradient to the east. These data formed the basis for locating permanent monitoring wells as a component of the final phase of the Supplemental RI.

Soil Gas

Soil gas samples were collected as an indicator of potential indoor air VI. The conservative default assumption within the current Ecology policies and vapor intrusion modeling is that floor slabs generally provide a 0.1 attenuation factor between soil gas and indoor air. Therefore, for the purposes of presenting the soil gas data only those compounds which exceed 10 times either a MTCA Method A or Method B Indoor Air Cleanup Level will be discussed. Those values are termed the "Soil Gas Screening Level" for the purposes of this discussion.

A total of 27 soil gas samples and three duplicates were submitted for laboratory analysis using EPA Method 8260 with SIM analysis of those compounds with low Soil Gas Screening Levels. All soil gas data are summarized in Table 16 and soil gas sample locations with data are depicted on Figure 17. Final analytical laboratory reports are presented in Attachment G.

Six compounds were detected at concentrations exceeding a Soil Gas Screening Level:

- Benzene,
- Total Xylenes,
- Naphthalenes,
- 1,2,4-Trimethylbenzene,
- EDC, and
- PCE.

Benzene was measured at a concentration exceeding the MDL in 26 of 27 locations at concentrations ranging from 4 micrograms/cubic meter (µg/m³) to 93 µg/m³. Each of the measured concentrations exceeded the Soil Gas Screening Level of 3.2 µg/m³.

Total xylenes were measured at a concentration exceeding the MDL in 23 of 27 locations at concentrations ranging from 34 $\mu\text{g}/\text{m}^3$ to 2,750 $\mu\text{g}/\text{m}^3$. Only one of the measured concentrations exceeded the Soil Gas Screening Level of 460 $\mu\text{g}/\text{m}^3$, sample location DPT-48.

Naphthalenes were measured at a concentration exceeding the MDL in 26 of 27 locations at concentrations ranging from 8 $\mu\text{g}/\text{m}^3$ to 200 $\mu\text{g}/\text{m}^3$. Fifteen of the 26 samples contained concentrations exceeding the Soil Gas Screening Level of 14 $\mu\text{g}/\text{m}^3$.

1,2,4-Trimethylbenzene was measured at a concentration exceeding the MDL in 24 of 27 locations at concentration ranging from 4 $\mu\text{g}/\text{m}^3$ to 51 $\mu\text{g}/\text{m}^3$. Five of the 24 samples contained concentrations exceeding the Soil Gas Screening Level of 27 $\mu\text{g}/\text{m}^3$.

EDC was measured at a concentration exceeding the MDL in one of 27 locations at a concentration of 16 $\mu\text{g}/\text{m}^3$. This concentration exceeded the Soil Gas Screening Level of 0.96 $\mu\text{g}/\text{m}^3$. The MDL was elevated above the Soil Gas Screening Level in ten locations due to matrix interferences.

PCE was measured at a concentration exceeding the MDL in five of 27 locations at concentrations ranging from 5 $\mu\text{g}/\text{m}^3$ to 240 $\mu\text{g}/\text{m}^3$. Each of the measured concentrations exceeded the Soil Gas Screening Level of 4.2 $\mu\text{g}/\text{m}^3$. It is important to note that the highest concentration of PCE in soil gas was detected in DPT-46 situated at the northwest corner of the intersection of West Pioneer Ave and South First Street. The detected PCE concentration on the west side of South First Street was almost one order of magnitude higher than at any other location on-Site and raises the possibility of a potential off-Site contribution of this compound.

Air Sampling

As noted above, indoor air samples and background air samples were collected within each of the on-Site buildings. One background air sample was collected from the City park to the northwest of the Site. All air sample data are summarized in Table 17. Tables 18 through 20 compare air sample data with soil gas data for the Whitney's Chevrolet facility, the Sterling Savings Bank building, and the VFW/Charlie's Bar building. Figures 18 through 21 directly correspond to Tables 17 through 20. Final laboratory analytical results are presented in Attachment G.

The following sections use the MTCA Method B Indoor Air Cleanup Levels as a reference or screening level value. These cleanup levels are used for reference and discussion only. MTCA Method B includes a conservative residential exposure model and includes juvenile exposures. There are no residential exposures at the Site and juvenile exposures are only sporadic. Future documents will evaluate the risks posed by the current exposures and will develop site-specific remedial levels and/or cleanup levels.

The Whitney's Chevrolet facility contained four indoor air samples. These samples contained seven compounds at concentration exceeding the MTCA Method B Indoor Air Cleanup Level. These compounds included:

- 1,3-Butadiene

- Benzene
- Total xylenes
- Naphthalenes
- 1,2,4-Trimethylbenzene
- EDC, and
- TCE.

The compounds 1,3-butadiene and TCE were not detected in any soil gas samples at any concentration and TCE was only detected sparsely in ground water samples. Neither of these compounds were detected in any other buildings at the Site. Moreover, no PCE was detected in indoor air samples while it was detected in soil gas. These findings strongly suggest that 1,3-Butadiene and TCE are not present in the indoor air samples as result of VI but rather as an environmental chemical at the Whitney's Chevrolet facility.

Benzene was measured at concentrations ranging from $5.3 \mu\text{g}/\text{m}^3$ to $12 \mu\text{g}/\text{m}^3$. These concentrations exceed the MTCA Method B Indoor Air Cleanup level of $0.32 \mu\text{g}/\text{m}^3$. Benzene was also detected in the background air sample at a concentration of $0.63 \mu\text{g}/\text{m}^3$. When adjusting the indoor air concentrations for the background concentration, the indoor air concentrations continue to exceed the MTCA Method B value. However, benzene is a component of automotive fuels and its presence in the Whitney's Chevrolet facility indoor air samples may be partially attributable to ambient fuel vapors.

Total xylenes were measured at concentrations ranging from $26.4 \mu\text{g}/\text{m}^3$ to $70 \mu\text{g}/\text{m}^3$. Only the sample collected from the auto repair garage contained a concentration exceeding the MTCA Method B Indoor Air Cleanup Level of $46 \mu\text{g}/\text{m}^3$. As with benzene, total xylenes are a component of automotive fuels and its presence in the indoor air samples may be partially attributable to ambient fuel vapors.

Naphthalenes were measured at concentrations ranging from $0.84 \mu\text{g}/\text{m}^3$ to $1.6 \mu\text{g}/\text{m}^3$. Only the sample collected from the auto repair garage contained a concentration slightly exceeding the MTCA Method B Indoor Air Cleanup Level of $1.4 \mu\text{g}/\text{m}^3$. The background sample had elevated detection limits for naphthalenes. The only sample that contained elevated naphthalene concentrations also contained elevated concentrations of 1,2-butadiene, TCE and total xylenes and the highest concentration of benzene. This correlation along with the presence of naphthalene in automotive fuels suggest that the presence of naphthalene may be partially attributable to ambient fuel vapors.

1,2,4-trimethylbenzene was measured at concentrations ranging from $3.7 \mu\text{g}/\text{m}^3$ to $8.7 \mu\text{g}/\text{m}^3$. These concentrations exceed the MTCA Method B Indoor Air Cleanup Level of $2.7 \mu\text{g}/\text{m}^3$. 1,2,4-trimethylbenzene was not detected in the background sample. 1,2,4-trimethylbenzene was detected in soil gas samples at concentrations similar to those that were detected in indoor air. 1,2,4-trimethylbenzene is also a component of automotive fuels and its presence at the Whitney's Chevrolet facility may be partially attributable to ambient fuel vapors.

EDC was not detected in the background air samples but was present in two of the Whitney's Chevrolet air samples. EDC has not been detected in any ground water samples collected at the Site and its source in indoor air is unclear. EDC was detected at a concentration above the MDL in only one soil gas sample location. EDC is also a component of some automotive fuels and, as with benzene, its presence in indoor air may at least partially be attributable to the automotive uses of the Whitney's Chevrolet facility.

VI at the Whitney's Chevrolet facility is difficult to assess based upon the current facility uses. Many of the compounds that were released into the environment remain in current use within the facility. The benzene and EDC data suggest that some VI of these compounds may be occurring but it is not possible to assess to what extent.

The Sterling Savings Bank building contained three indoor air samples and a background air sample. These samples contained two compounds at concentrations exceeding the MTCA Method B Indoor Air Cleanup Level; benzene and EDC.

Benzene was measured at concentrations ranging from $0.74 \mu\text{g}/\text{m}^3$ to $1.6 \mu\text{g}/\text{m}^3$. These concentrations exceeded the MTCA Method B Indoor Air Cleanup Level of $0.32 \mu\text{g}/\text{m}^3$. However, benzene was also detected in the background air sample at a concentration of $1.4 \mu\text{g}/\text{m}^3$. When the indoor air samples are adjusted for the background concentration, none of the values exceed the $0.32 \mu\text{g}/\text{m}^3$ MTCA Method B Indoor Air Cleanup Level.

EDC was measured at concentrations ranging from $0.27 \mu\text{g}/\text{m}^3$ to $0.94 \mu\text{g}/\text{m}^3$. These concentrations exceed the MTCA Method B Indoor Air Cleanup Level of $0.096 \mu\text{g}/\text{m}^3$. EDC was not detected in the background air sample.

VI appears to be occurring to a limited extent at the Sterling Savings Bank building. This condition is suggested by the benzene and EDC data. The building appears to provide at least a 0.1 attenuation factor between indoor air and soil gas. The source of the EDC is unclear given that it has never been detected in ground water and is present in only one soil gas sample located on the east side of the Whitney's Chevrolet facility (DPT-29).

The VFW/Charlie's Bar building contained four indoor air samples and a background air sample. These samples contained three compounds at concentrations exceeding the MTCA Method B Indoor Air Cleanup Level; benzene, chloromethane, and 1,4-dichlorobenzene.

Neither chloromethane nor 1,4-dichlorobenzene are considered fuel-related compounds and neither were detected above a MTCA Method B Indoor Air Cleanup Level in any other indoor air samples. Neither compound was detected in soil, soil gas, or ground water samples.

Benzene was measured at concentrations ranging from $0.8 \mu\text{g}/\text{m}^3$ to $2.2 \mu\text{g}/\text{m}^3$. Each of these concentrations exceeds the MTCA Method B Indoor Air Cleanup Level of $0.32 \mu\text{g}/\text{m}^3$. However, benzene was also measured in the background air sample at a concentration of $1.3 \mu\text{g}/\text{m}^3$. When the indoor air samples are adjusted for the background concentration, only the two samples from the VFW exceed the MTCA Method B Indoor Air Cleanup Level.

Chloromethane was detected at concentrations ranging from $0.72 \mu\text{g}/\text{m}^3$ to $2.3 \mu\text{g}/\text{m}^3$. Two of the detected concentrations within the VFW portion of the building (but not the Charlie's Bar portion) exceeded the MTCA Method B Indoor Air Cleanup Level. When adjusted for the chloromethane background concentration of $0.88 \mu\text{g}/\text{m}^3$ the detected chloromethane concentrations are at, or slightly below, the MTCA Method B Indoor Air Cleanup Level.

1,4-dichlorobenzene was measured at concentrations ranging from $35 \mu\text{g}/\text{m}^3$ to $720 \mu\text{g}/\text{m}^3$. These concentrations are two to three orders of magnitude higher than any other observed concentrations in indoor air and well above the detection limits for the soil gas samples. The origin of the 1,4-dichlorobenzene is not known, but it is highly unlikely to originate from the fuel release on the Whitney's Chevrolet facility and has not been detected in any soil or ground water samples.

Some minor VI for benzene appears to be occurring at the VFW/Charlie's Bar building. While five different fuel-related compounds were present in soil gas from samples near the building at concentrations exceeding the corresponding compound-specific screening level, only benzene was detected in indoor air at a concentration exceeding the MTCA Method B Indoor Air Cleanup Level. Other compounds detected in the indoor air samples at the VFW/Charlie's Tavern building are most likely the result of some on-property use of the compound.

4.2.4 Final Phase of Supplemental RI and Additional Out-of-Scope Sampling

The final phase of the Supplemental RI included the installation of appropriately sited monitoring wells and the subsequent sampling and analysis of those wells. The Supplemental RI Work Plan proposed the installation of four monitoring wells based on the results of the reconnaissance soil and ground water sampling. Upon review of the data, it was proposed to Ecology that a total of seven wells be installed and sampled. Monitoring well locations are indicated on Figures 23 through 31.

Monitoring wells KBMW-4 through KBMW-7 were originally contemplated during the preparation of the Supplemental RI Work Plan. In addition to these four wells, KBMW-8 was installed south of the VFW building on the west side of South Main Street and wells KBMW-9 and KBMW-10 were installed just west of the centerline of South Main Street. The numbers and locations of these wells were approved by Ecology prior to installation.

These wells were installed using standard HSA methods. During installation a total of 11 soil samples were collected and submitted for the analyses summarized in Table 21.

After installation, these wells were developed and sampled using the techniques described in the work plans. On December 12, 13 and 14, 2009 a total of 18 monitoring wells were sampled. These included wells ESMW-1 and ESMW-7 (previously installed by Ecology), WCMW-1 through WCMW-6 (installed on the Whitney's Chevrolet facility during the Initial RI), and KBMW-1 through KBMW-10. Wells KBMW-1 through KBMW-3 were initially installed on the Key Bank (now Sterling Savings Bank) property by Ecology and the well nomenclature for wells in this area was retained. The samples from these wells were submitted for the analyses summarized in Table 21.

Review of the data for these samples suggested that the eastern extent of the dissolved-phase GRPH and benzene plume likely extended beyond the centerline of South Main Street. The Whitney's PLPs approached the PLPs for the Tony's Short Stop Site and requested access to sample seven of the wells on that site. Access was granted and on January 18 and 19, 2010, the 18 wells discussed above were re-sampled along with wells TSSMW-2 and TSSWM-5 through TSSMW-9 on the Tony's Short Stop Site. The requested analyses for ground water samples collected from the Tony's Short Stop wells are summarized in Table 21. In addition to this sampling task, depth to water data was collected from wells TSSMW-1, TSSMW-3, TSSMW4, and TSSMW-11 through TSSMW-13. During this effort, SPH were observed in well TSSMW-4 and a sample for dissolved-phase analysis was therefore not collected from that well.

The vertical elevation and horizontal location of each of the wells, including the Tony's Short Stop wells, were surveyed to a common datum. The elevation data are summarized in Table 12.

4.2.4.1 Findings of Final Phase of Supplemental RI

Subsurface Conditions

Subsurface soil conditions are consistent with previous findings. Figure 22 presents composite cross-section of subsurface conditions at the Site, running from northwest to southeast. This cross-section orientation is generally along the axis of ground water migration.

The local piezometric conditions for December 2009 and January 2010 are illustrated on Figures 23 and 24. Piezometric elevation data are summarized in Table 12.

The hydraulic gradient is generally southeasterly and shifts to a more easterly gradient near South Main Street. The slope of the gradient also decreases at South Main Street. West of South Main Street the hydraulic gradient slopes at about 0.016 feet/feet (WCMW-1 to KBMW-4). East of South Main Street the gradient decreases to about 0.004 feet/feet (KBMW-4 to TSSMW-12).

Analytical Results

Soil Samples

A total of 11 soil samples were collected during monitoring well installation and submitted for chemical analyses. These data are summarized in Table 14. Final laboratory analytical results are presented in Attachment G.

No compounds were detected in any of the soil samples submitted for analysis at a concentration exceeding a MTCA Method A or Method B Soil Cleanup Level for Unrestricted Land Uses.

Ground Water Samples

As noted above, a total of seven wells were installed during the Supplemental RI. There was an initial round of ground water sampling that included the seven new wells and 11 existing monitoring wells (18

total locations) and a follow-up round of ground water sampling that included the seven new wells, 11 existing wells, and seven wells associated with the Tony's Short Stop Site (25 total locations). The analytical results for these samples are summarized in Table 22.

The primary IHSs for ground water at the Site are GRPH, benzene, and PCE. While other compounds are present as dissolved-phase constituents in ground water, their presence and general abundance correlates well to these IHSs. The following discussion will focus on these IHSs. All analytical results are summarized in Table 22 and final laboratory analytical results are presented in Attachment G.

Due to the volume of data, the findings are discussed in the context of their spatial distribution at the Site rather than a well-by-well, concentration-by-concentration narrative. Such a narrative is not as enlightening as a discussion of the nature and extent of the impacts. Actual well-by-well data are presented on the referenced figures on in the summary tables.

Figure 25 presents the locations of each of the monitoring wells installed and sampled during the RI and the analytical results for ground water collected during the December 2009 and January 2010 sampling events.

GRPH was measured in ground water at concentrations ranging from 107 µg/L to 52,000 µg/L. Benzene was measured in ground water at concentrations ranging from 1.4 µg/L to 2,490 µg/L and PCE was measured at concentrations ranging from 1.8 µg/L to 41.9 µg/L.

Figures 26 and 27 present interpreted dissolved-phase GRPH isoconcentration contours for December 2009 and January 2010. The dissolved-phase concentrations are generally at their highest in the northwestern portion of the Site and decrease to the southeast along the direction of ground water migration. The dissolved-phase plume has a compact, high concentration "core" with concentrations rapidly attenuating laterally in the cross-gradient direction.

The isoconcentration contours illustrate a relatively narrow dissolved-phase plume with good data control at the cross-gradient and down-gradient limits of the plume. The January 2010 data, which include the Tony's Short Stop wells, have served to fully characterize the cross-gradient and down-gradient limits of the dissolved-phase plume to the MTCA Method A Ground Water Cleanup Level of 800 µg/L. There remains some uncertainty to the up-gradient limits of the dissolved-phase impacts in the area of the intersection of Sout First Street and West Pioneer Avenue. Based on the interpreted source(s) of hydrocarbons on the Whitney's Chevrolet facility and the apparent rate of ground water migration (as suggested by the narrow and long plume) it is not anticipated that the up-gradient extent of these impacts is extensive.

Figures 28 and 29 present interpreted dissolved-phase benzene isoconcentration contours for December 2009 and January 2010. The isoconcentration contours for benzene are fully consistent with those for GRPH. As with GRPH the current well network, including the Tony's Short Stop wells have served to fully characterize the cross-gradient and down-gradient limits of the dissolved-phase benzene plume to the MTCA Method A Ground Water Cleanup Level of 5.0 µg/L. Similar to the GRPH data, a data gap exists regarding the ultimate up-gradient limits of benzene impacts to ground water. Also as with GRPH, the upgradient extent of GRPH is unlikely to be extensive.

The distribution of other petroleum-related compounds such as naphthalenes and 1,2,4-trimethylbenzene closely correlates with the distribution of GRPH and benzene. This is expected given that these compounds are present in automotive fuels and that they originated from the same source(s) as the GRPH and benzene.

Figures 30 and 31 present interpreted dissolved-phase PCE isoconcentration contours for December 2009 and January 2010. The current January 2010 data have served to characterize the down-gradient and cross-gradient extent of PCE impacts exceeding the MTCA Method A Ground Water Cleanup Level of 5.0 µg/L. The cross-gradient distribution of PCE in ground water differs somewhat from that of benzene and PCE impacts do not extend as far down-gradient to the east as those for benzene.

Some uncertainty remains regarding the up-gradient extent of PCE impacts near the intersection of South First Street and West Pioneer Avenue. Based on the combination of the soil gas, reconnaissance ground water, and monitoring well data, the potential appears to exist for an up-gradient contribution of PCE to shallow ground water.

5.0 CONTAMINANTS OF CONCERN

For the purposes of this RI, contaminant of potential concern (COPCs) were identified as those compounds that have been detected at concentrations exceeding a MTCA Method A or Method B Soil or Ground Water Cleanup Level, or that have exceeded a MTCA Method B Indoor Air Cleanup Level.

As noted above in several locations, these values are presented for comparative purposes only and for the purposes of identifying COPCs. The MTCA Method A or Method B Table Values do not take into account specific Site exposures and make conservative assumptions regarding receptors such as the assumption of a residential juvenile exposure, which are likely not appropriate for the Site. Actual site-specific cleanup levels and/or remediation levels consistent with appropriate MTCA standards may be developed in the future once the extent of impacts has been fully characterized and all potential receptors and exposure pathways are understood. Cleanup level development may also include considerations of the reasonable maximum exposures expected at the site and the use of institutional controls, environmental covenants, and engineering controls.

Ultimately, only those compounds that exceed an actual final site cleanup level will be identified as contaminants of concern (COCs). Development of final cleanup levels and identification of COCs will be performed during the Feasibility Study process and during development of a final Cleanup Action Plan (CAP) for the site.

The primary impacts at the Site are related to historic releases of gasoline-range petroleum fuels and their associated aromatic compounds and PCE. The following subsections summarize, by media, the COPCs that have been identified during this RI.

COPCs for indoor air quality have been identified based on comparison to the MTCA Method B Indoor Air Cleanup Levels presented in the Cleanup Levels and Risk Calculations (CLARC II) database maintained by Ecology. The COPCs for indoor air at the Site include the following:

- Benzene, and

- EDC.

All other compounds observed in indoor air samples at a concentration exceeding a MTCA Method B Indoor Air Cleanup Level were either also present in the background sample at an elevated concentration or were not present in soil, soil gas, or ground water and were likely attributable to some on-property use.

No MTCA standards currently exist for soil gas. Standard practice for indoor air quality evaluation makes a conservative assumption that a concrete floor slab will provide a concentration attenuation of 0.1. Therefore, COPCs for soil gas were identified based on a comparison of the soil gas analytical results to 10 times the MTCA Method B Indoor Air Cleanup Levels. The COPCs for soil gas at the Site include the following:

- Benzene,
- Total Xylenes,
- Naphthalenes,
- 1,2,4-Trimethylbenzene,
- EDC, and
- PCE.

COPCs for soil at the Site have been identified based on comparison to the MTCA Method A or Method B Soil Cleanup Level for Unrestricted Land Uses. The COPCs for soil at the site include the following:

- ORPH,
- GRPH
- Benzene
- Toluene
- Ethylbenzene
- Total Xylenes,
- Naphthalenes, BS
- Lead.

Methylene chloride was also detected in soil at a concentration exceeding a MTCA cleanup level during the Initial RI. However, methylene chloride is a common laboratory solvent and contaminant and its presence in soil samples at trace concentrations is not considered indicative of actual site conditions.

A variety of non-chlorinated VOCs were detected in soils, which do not have MTCA Method A or Method B cleanup levels. These compounds are common petroleum fuel compounds and are regulated under MTCA as components of GRPH. As such, these compounds do not individually constitute COPCs for soil.

It is important to note that PCE has not been detected in any soil samples at the Site at a concentration above the MTCA Method A Soil Cleanup Level.

The COPCs for ground water at the Site have been identified based on comparison to the MTCA Method A and Method B Ground Water Cleanup Levels. COPCs for ground water at the site include the following:

- GRPH,
- Benzene,
- Toluene,
- Ethylbenzene,
- Total Xylenes,
- Naphthalenes,
- 1,3,5-Trimethylbenzene,
- 1,2,4-Trimethylbenzene,
- Ethylene Dibromide,
- PCE, and
- Lead.

As with soil, a variety of non-chlorinated VOCs were detected in ground water. These compounds are common components of petroleum fuels and are regulated under MTCA as components of GRPH. As such, these compounds do not individually constitute COPCs for ground water.

EDB was only detected in reconnaissance ground water samples during the Initial RI and had never been detected in a ground water sample from an on-Site monitoring well. Similarly, EDC has also not been detected in any reconnaissance or monitoring well ground water sample. The actual presence of

these compounds in water at a routinely detectable concentration at the Site has not yet been established.

6.0 CONCEPTUAL SITE MODEL

This following CSM is based upon the current understanding of the Site as characterized by the Initial and Supplemental RI activities. While some data gaps may remain, the RI activities have served to generally characterize the limits of impacts and the potential exposure pathways posed by those impacts.

The COPCs at the Site are those commonly associated with hydrocarbon fuels and vehicle maintenance activities. These impacts appear to originate primarily in the areas of out-of-service USTs on the Whitney's Chevrolet facility. This is consistent with the long history at the Whitney's Chevrolet facility for vehicle maintenance and retail fuel sales. Soil impacts include both shallow and deeper soils near the static water table.

Shallow soil impacts contain a mixture of lighter- and heavier-range hydrocarbons ranging from gasoline-range to oil-range. The shallow impacts are likely related to minor spills or releases over time to either a historic unpaved surface or infiltration through cracked concrete or asphalt. Some lead is also present in soil, which, based upon the observed concentrations, is likely also related to vehicle maintenance rather than leaded fuels. Some soils near the out-of-service USTs contain deeper impacts suggestive of a release.

The extent of COPCs in soil at the Site appears to be generally limited to the Whitney's Chevrolet facility and in soils immediately west of the facility near the historic USTs in South First Street. These USTs may have once been located within privately owned property and were at some point made a part of the right-of-way through roadway widening.

There appear to be at least two, and potentially three, source areas for petroleum hydrocarbon impacts to ground water. The most up-gradient release area is near the three USTs at the northwestern corner of the site. It appears from the data that the primary source of this release is the two easternmost USTs. It also appears likely that there are separate areas of release in the central interior of the northern portion of the site near the UST at boring DPT-5 and another potential source area in the vicinity of borings DPT-8 through DPT-11. This finding of likely multiple source areas is confirmed by sampling and analysis of the monitoring wells.

The releases from the USTs then migrated vertically through the relatively permeable unsaturated zone soils down to the water table that is present at a depth of about 16 feet below grade. Analytical data for soil suggest the presence of a smear zone near the USTs, which is likely serving as a source of ongoing dissolution of petroleum hydrocarbons to ground water. The mode of release near the USTs is not known and could include historic overfilling/spillage, UST leakage, or product line leakage.

It is important to note that the soil at the Site does not contain non fuel-related VOCs such as PCE or TCE. This finding counters anecdotal information in the record that suggests that paint solvents and wastes were disposed to the surface of the site. The source of PCE observed at the Site is not fully

understood and does not currently appear to be associated with historic on-property activities or the USTs. There is the potential for an off-site contribution of PCE.

As with soil, the primary COPCs in ground water are fuel-related. The primary COPCs in ground water GRPH and the associated aromatic fuel hydrocarbons: benzene, toluene, ethylbenzene, and total xylenes. Naphthalenes and trimethylbenzenes are also associated with gasoline fuels, particularly historic fuels before the advent of reformulated fuels in the mid-1960s. The presence of lead and potential presence of EDB and EDC may also be associated with historic gasoline fuels. EDB was a common historic octane booster and EDC is a common historic lead scavenger in gasoline fuel. The presence of these compounds appears to suggest historic fuel releases. It should be noted that EDB and EDC were not detected in samples from ground water monitoring wells and they are not yet considered COPCs for the Site.

Ground water at the site also includes the COPC PCE. PCE is commonly thought of as dry cleaning solvent but is also a common degreaser and may be found in various automotive fluids at varying concentrations. It is important to note that while PCE is present in ground water, it is not present in any soil samples near any potential sources of release at concentrations exceeding the MTCA Method A Soil Cleanup Level. The highest concentration of PCE in soil gas is in a location at the northwest corner of the intersection West Pioneer Avenue and South First Street, up-gradient of the Whitney's Chevrolet facility. The source of PCE at the Site has not yet been established and the potential exists for an off-Site source of PCE.

As discussed above, the primary mode of release of GRPH and related hydrocarbons to ground water is likely through leakage or spillage associated with the USTs and subsequent down-gradient migration to the east and southeast as a dissolved-phase. While some SPH have historically been observed on the Sterling Savings Bank property (*i.e.*, KBMW-2), SPH is not currently present in that area or in any other on-Site wells.

The isoconcentration contours for GRPH and benzene in ground water samples collected in January 2010 clearly illustrate the characteristics and extent of the dissolved-phase plume. Figures 25 and 27 illustrate a relatively narrow plume with a high concentration core extending to the east in the direction of ground water migration. The high concentration core persists to about South Main Street. The length of this high concentration core of the plume may be reflective of multiple contributing sources to ground water located generally along the path of ground water migration. Multiple sources of release are also consistent with what is considered a relatively long dissolved-phase plume from what is likely a relatively old release.

Dissolved-phase concentrations appear to attenuate more rapidly to the east of South Main Street. This increase in concentration attenuation appears to correlate with a decrease in the rate of ground water migration. Beyond South Main Street to the east, concentrations attenuate to below the MTCA Method A cleanup levels near the middle of the Tony's Short Stop Site.

The extent of the ground water impacts depicted on Figures 25 and 27 appears to clearly define the Site as originating on or near the Whitney's Chevrolet facility and extending to the east onto the Sterling Savings Bank property, beneath the VFW/Charlie's Tavern property, beneath South Main Street and terminating on the Tony's Short Stop Site. It does not appear that the Whitney's Chevrolet Site is

contiguous with the Tony's Short Stop Site or the Montesano Farm and Home Site farther down-gradient to the southeast.

Potential exposures at the Site are limited to site workers either through direct contact or impacts to indoor air quality. Direct contact exposure is limited to soil in the potential areas of release. The potential for such exposures is highly limited since the area of soil impacts is paved either with asphalt or concrete. This condition would limit exposure to construction/maintenance workers performing below grade work in the areas of shallow soil impact. Direct exposure to ground water is considered highly unlikely since the water table is greater than 15 feet below grade. The known extent of the dissolved-phase plume does not affect any water supply wells for the City of Montesano.

The current known extent of the dissolved-phase plume also indicates that surface water is not threatened by the Site impacts.

The potential for VI exists at the Site. However, the potential for those impacts to adversely affect humans appears to be highly limited. The VI evaluation indicated only limited impacts to indoor air from benzene and EDC compared to the MTCA Method B Indoor Air Cleanup Levels. These cleanup levels are based upon a residential use scenario that includes juvenile exposures. No such residential exposures or routine juvenile exposures exist at the Site, and are not expected to exist in the future. The potential effects to humans should be based on a reasonable maximum exposure that considers a commercial worker scenario (*i.e.*, adult, 40 hours/week, 50 weeks/year, 20 year exposure duration) and the specific construction of the on-Site buildings (*e.g.*, volume, HVAC, etc.). Such an evaluation may be performed during the Feasibility Study and Cleanup Action Plan development.

There are no terrestrial or ecological exposures at the Site. The Site qualifies for a Primary TEE Exclusion based on full site cover with asphalt, concrete, or buildings.

7.0 CONCLUSIONS

The following conclusions are supported by the findings of this RI of the Site:

- The Initial RI and Supplemental RI have served to meet the substantive requirements of WAC 173-340-350(7) and have completed the remedial investigation of the Site. The Site has been sufficiently characterized to allow for development and evaluation of cleanup action alternatives. While some data gaps remain, those data gaps are not sufficient to preclude the evaluation of remedial alternatives. While some minor data gaps remain (see below), additional site characterization activities “...*may be integrated with the development and evaluation of [remedial] alternatives...*” as indicated in WAC 173-340-350.
- Soil at the Site is impacted with a range of petroleum hydrocarbons and related compounds. These compounds include GRPH, ORPH and various fuel-related volatile compounds such as benzene. Soil impacts also include lead. These impacts appear to be related to a long history of retail fuel sales and vehicle service and maintenance. The source of these impacts appears to be both from USTs and from surface releases. Soil impacts appear to be limited to the northern portion of the Whitney's Chevrolet facility, beneath the on-site building and the right-of-way at the northwestern corner of the Site.
- The residual impacts to soils are likely an ongoing source of dissolution to ground water and result in the current extent of the dissolved-phase plume. Addressing these residual soil impacts through the implementation of targeted Interim Remedial Actions is likely to provide substantial benefit to ground water quality by removal of source soils. It may be appropriate to implement interim remedial measures and some performance monitoring prior to undertaking the Feasibility Study process.
- Ground water at the Site is impacted primarily with GRPH, benzene, and related compounds. The observed ground water impacts appear to originate from the on-site USTs. There appear to be at least two, and possibly three, source areas for ground water impacts. These source areas include UST-2, UST-6 and potentially UST-5, as shown on Figures 2 and 3.
- Petroleum hydrocarbon impacts to ground water have been well characterized by the RI activities. These impacts extend from near the intersection of West Pioneer Avenue and South First Street hydraulically down-gradient to the northern portion of the Tony's Short Stop Site. The general extent of the Site is characterized by the lateral limits of dissolved-phase GRPH in ground water at 800 µg/L and benzene at 5 µg/L. These limits are presented on Figures 27 and 29. The Whitney's Chevrolet Site does not appear to be contiguous or commingled with the Tony's Short Stop Site and represents a separate and distinct Site for the purposes of the MTCA regulation.
- The up-gradient extent of the dissolved-phase hydrocarbon plume to the northwest of the Whitney's Chevrolet facility have not yet been fully characterized. However, these impacts are not expected to extend significantly in the up-gradient direction given the current understanding

of Site conditions. The presence of this data gap does not preclude the evaluation of remedial alternatives.

- Ground water at the subject property is also impacted with PCE. The source of PCE is not fully understood. No PCE is present in soil at the Site at a concentration exceeding the MTCA Method A Soil Cleanup Level and the distribution and magnitude of PCE impacts to ground water are not suggestive of a significant on-Site source. The presence of elevated concentrations of PCE in soil gas to on the west side of South First Street and north of this location suggests the potential for an off-property contribution of PCE. The installation and sampling of two additional monitoring wells on the west side of South First Street would assist in evaluating the potential existence of an off-property contribution of PCE to the Site.
- There does not appear to be a clear correlation between concentrations of COPCs in soil gas and the concentrations of COPCs in ground water. In general, the capped nature of the Site and the lack of atmospheric exchange appear to have resulted in a generally homogeneous mixture of COPCs in soil gas. Soil gas contains COPCs within a generally narrow range across the Site, regardless of the underlying concentrations in ground water. There may be a weak correlation between soil gas and area of highest dissolved-phase impacts along the longitudinal axis of the plume.
- The only potentially completed exposure pathway at the Whitney's Chevrolet Site is VI to indoor air. It appears that VI is limited and that only minor concentrations of benzene and potentially EDC impact indoor air quality. These impacts only marginally exceed the MTCA Method B Indoor Air Cleanup Level "table values." Based on the currently observed indoor air quality data for buildings located immediately above the most impacted portion of the Site, it does not appear necessary to assess potential VI issues at surrounding properties that are located outside the area of ground water impacts.
- Based upon the current Site definition, which is defined by the extent of ground water impacts, the only remaining data gap for the Site may be impacts to air at the Tony's Short Stop property. Based on the results for air sampling at the Whitney's Chevrolet facility and the VFW/Charlie's Tavern building, which are located over the core of the dissolved-phase plume and the generally low nature of the impacts within the Whitney's Chevrolet, VFW building, and Sterling Savings Bank, it is unlikely that ground water impacts are contributing to air impacts at the Tony's Short Stop property.
- It is unlikely that the observed impacts to indoor air would pose an unacceptable risk based on an adult commercial worker exposure scenario. An evaluation of risk and development of site-specific cleanup levels will be performed during preparation of subsequent documents.



Remedial Investigation Report

Volume 2

**Whitney's Chevrolet, Inc.
123 West Pioneer Avenue
Montesano, Washington 98563**

Prepared For:

**Whitney's Chevrolet, Inc.
Caldwell Family Holdings, LLC
Wynooche Lodge #43, F&AM of Washington
c/o Mr. Clark Davis
Davis Law Offices, PLLC
7252 Pioneer Way, Suite 101
Gig Harbor, Washington 98335**

March 24, 2010

Prepared By:

Environmental Partners, Inc.
295 NE Gilman Boulevard Suite 201
Issaquah, Washington 98027
(425) 395-0010

Tables

Table 1
Historical Ground Water Data From
Ecology Montesano Ground Water Investigation
(µg/L)
Remedial Investigation Report
Whitney's Chevrolet
123 W. Pioneer, Montesano, Washington

Sample Location	Date	SPH Observed ^(a)	GRPH ^(b)	Benzene ^(c)	Toluene ^(c)	Ethylbenzene ^(c)	Total Xylenes ^(c)	Napthalenes ^(c)	1,2,4-Trimethylbenzene ^(c)	1,3,5-Trimethylbenzene ^(c)	1,2-Dibromoethane (EDB) ^(c)	1,2-Dichloroethane (EDC) ^(c)	PCE ^(c)	Vinyl Chloride ^(c)
KBMW-1	10/2004		<140	<1	<1	<1	<3	--	--	--	--	--	--	--
	3/2005		<140	2.2	<1	0.82 J	<3	<1	0.32 J	0.18 J	<2	0.99 J	0.69 J	--
	10/2005		<140	<1	<1	<1	<3	<5	<5	<2	--	1.1 J	<2	<2
	3/2006		240	12	<1	<1	<3	3.2 J	<1	0.11 J	--	0.92 J	8.7	<1
	10/2006		<140	<1	<1	<1	<3	<2	<1	<1	--	0.87 J	<1	<2
	3/2007		560	48	1.4	3.1	1.3	13	2.2 J	3.2 J	--	2.3 J	14 J	<5
	10/2007		<140	<1	<1	<1	<3	<2	<1	<1	--	0.66 J	<2	<5
	4/2008		140	16	<1	<1	<3	3.9	2.5	0.79 J	--	0.73	9	<1
	9/2008		<140	<1	<1	<1	<3	<2	<1	<1	--	<1	0.32 J	<5
	4/2009		<140	6	<1	<1	<3	<1	<1	<1	--	<1	4	<1
KBMW-2	10/2004		--	--	--	--	--	--	--	--	--	--	--	--
	3/2005	X	56,000	338	3,320	654	3,267	645	1,160	358	3.3 J	3.5 J	8.1 J	--
	10/2005	X	26,000	510	3,200	610	2,810	560	944	309	--	<40 UJ	9.2 J	<40 UJ
	3/2006		15,000	360	2,400 E	460	1,960	978	2,220	689	--	2.7 J	8.1	<1
	10/2006	X	19,000 J	360 J	1,500 J	430 J	1,750 J	--	--	--	--	--	--	--
	3/2007		74,000 J	850 J	7,900 J	1,900 J	10,100 J	507,000 J	118,000 J	1,050 J	--	<20	<20	<40
	10/2007	X	46,000 E	520	2,500	700	3,230	--	--	--	--	--	--	--
	4/2008		19,000	274	2,600	540	2,800	--	--	--	--	--	--	--
	9/2008	X	31,000 J	436 J	3,700 J	804 J	3,600 J	--	--	--	--	--	--	--
	4/2009		23,000	240	3,000	570	2,760	--	--	--	--	--	--	--
KBMW-3	10/2004		12,000	160	82	430	980 J	--	--	--	--	--	--	--
	3/2005		4,700	118	58 J	331	572	168	222	93	<2 UJ	1.4 J	<1	--
	10/2005		17,000	220	110	700	1,970	670	976	301	--	<20 UJ	<20 UJ	<20
	3/2006		3,000	56	14	75	132	90	46	21	--	1.2	<1	<1
	10/2006		16,000	R	R	R	R	448 E	1,260	323	--	2.3	<1	<2
	3/2007		1,200	40	2.5	4.5	10.1	44	2.2	1.7 J	--	0.98 J	<1	<2
	10/2007		6,900 E	86 ^(d)	31 ^(d)	355 ^(d)	762 ^(d)	219	393	77	--	<10	<20	<50
	4/2008		1,100	20 J	3.7 J	9.1 J	29.8	55	4.9	2.8	--	<1	<1	<1
	9/2008		6,700	62	26	284	659	200	400	78	--	<1	<1	<5
	4/2009		2,100	24	19	71	179	53	59	18	--	<1	<1	0.6
ESMW-1	10/2006		<140	25	2.1 J	8.6	<3	--	--	--	--	--	--	--
	3/2007		9,300	49	70	110	470	271	1,000	214	--	<5	<2	<5
	10/2007		550	11	4.7	20	13.6	4.5	11	1.3	--	<1	<2	<5
	4/2008		1,700	16	5.7 J	59	34.9	76	69	<1	--	<1	<1	<1
	9/2008		210	11	2	17	3.5	0.29 J	1.2	<1	--	<1	0.36 J	<5
	4/2009		760	12	2.8	40	2.8	31	21	<1	--	<1	<1	<1
ESMW-7	10/2006		21,000	640	1,300 J	1,100	3,200	--	--	--	--	--	--	--
	3/2007		7,100	290	470	410	1,570	454	434	120	--	<20	<20	<40
	10/2007		20,000 E	648 ^(d)	1,270 ^(d)	1,150 ^(d)	4,410 ^(d)	568	994	229	--	<100	<200	<500
	4/2008		26,000	789	1,000	1,400	4,200	1,090	1,050	352	--	2	<1	<1
	9/2008		16,000	232	534	648	2,682	324	576	103	--	<100	<100	<500
	4/2009		15,000	300	540	700	2,420	430	540	110	--	6.5	<1	<1
TSMW-2	10/2004	X	81,000	8,500	13,000 J	1,300	7,300	--	--	--	--	--	--	--
	10/2005	X	78,000	8,400	15,400	1,500	8,300	205	1,510	459	--	<40	<40	<40
	10/2006	X	140,000 E	2,600 J	4,500 E	2,400 J	3,600 JE	--	--	--	--	--	--	--
TSMW-4	3/2007	X	490,000 J	28,300 J	91,300 J	10,000 J	52,700 J	3,590 J	49,100 J	16,500 J	--	<1,000	<1,000	<2,000
	10/2007	X	226,000 J	11,600 J	29,700 J	4,500 J	14,100 J	--	--	--	--	--	--	--
	4/2008	X	236,000 J	13,800 J	50,800 E	5,600 J	30,300 J	--	--	--	--	--	--	--
	9/2008	X	199,000 J	9,100 J	34,800 J	5,000 J	25,600 J	--	--	--	--	--	--	--
	4/2009	X	240,000 J	8,700 J	40,000 J	6,200 J	30,500 J	--	--	--	--	--	--	--
MTCA METHOD A GROUND WATER CLEANUP LEVEL			800/ 1,000 ^(e)	5	1,000	700	1,000	20	400 ^(f)	400 ^(f)	0.01	5	5	0.2

Bolded - indicates the analyte was detected above the compound-specific laboratory detection limit
Bolded and Shaded - indicates the detected concentration exceeds the MTCA Method A and/or B Ground Water Cleanup Level
All data obtained from Ecology Publications 06-03-008, 07-03-004, 08-03-011, 09-03-011 & 09-03-056
(a) **X** indicates that Ecology Publications indicated that separate-phase hydrocarbons were observed in the monitoring well during the sampling event
(b) Analyzed using Ecology Method NWTPH-Gx
(c) Analyzed using EPA Method 8021B
(d) Analyzed using EPA Method 8260B
(e) Ground water cleanup level for GRPH is 800 µg/L when benzene is present in the sample; 1,000 µg/L when benzene is not detected.
(f) No MTCA Method A Ground Water Cleanup Level is available for the indicated analyte. The MTCA Method B Ground Water Cleanup Level is referenced
"--" - indicates that either sample was not analyzed for the indicated analyte or no data was available.
E - Concentration of the associated value exceeds the known calibration range.
J - indicates the analyte was positively identified. The associated numerical result is an estimate.
UJ - indicates the analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
R - Indicates result has been rejected because the duplicate samples did not meet data quality objectives.

Table 2
Summary of Requested Soil and Ground Water
Analyses From DPT Borings
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Sample Type	Gasoline-Range Petroleum Hydrocarbons ^(a)	Diesel-Range Petroleum Hydrocarbons ^(b)	Oil-Range Petroleum Hydrocarbons ^(b)	VOCs ^(c)	BTEX ^(c)	MTBE ^(c)	Naphthalene ^(c)	SVOCs ^(d)	RCRS 8 Metals ^(e)	Lead ^(e)	PCBs ^(f)	EDB-Low ^(g)
DPT-1	8	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	12	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-2	4	Soil	--	--	--	--	X*	--	--	--	--	--	--	--
	8	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	13.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-3	4	Soil	X	--	--	--	X	--	X	--	--	--	--	--
	9	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	13	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-4	8	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	13	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-5	4	Soil	X	--	--	--	X	--	X	--	--	--	--	--
	12	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-6	12	Soil	X	X	X	X	X	X	--	X	X	--	X	--
	16	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-7	8	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-8	4	Soil	X	X	X	--	X	--	--	--	--	--	--	--
	10	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-9	8	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	13	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-10	10	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-11	8	Soil	--	X	--	--	--	--	--	--	--	--	--	--
	10	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-12	7	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	15	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-13	4	Soil	--	X	--	--	--	--	--	--	--	--	--	--
	9	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	13	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-14	3	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	10	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-15	3.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	9	Soil	X	X	X	--	--	--	--	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-16	3.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	8.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-17	6.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	12.5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-18	7	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-19	5	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-20	11	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	15	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X
DPT-21	9	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	14	Soil	X	X	X	X	X	X	X	--	--	X	--	--
	--	Water	X	X	X	X	X	X	X	--	--	X	--	X

Notes:

(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.

(b) Diesel-range petroleum hydrocarbons (DRPH) and oil-range petroleum hydrocarbons (ORPH) using Ecology Method NWTPH-Dx.

(c) Volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, total xylenes, (BTEX), methyl t-butyl ether (MTBE), and Napthalene using EPA Method 8260B.

(d) Semi-volatile organic compounds (SVOCs) using EPA Method 8270D/SIM.

(e) Resource Conservation and Recovery Act (RCRA) 8 Metals (Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), and Silver (Ag)) using EPA Methods 6010B and 7471B. Total Lead in wa samples using EPA Method 200.8.

(f) Polychlorinated Biphenyls (PCBs) using EPA Method 8082.

(g) 1,2-dibromoethane (EDB) for water samples using EPA Method 8011.

X = analyzed

-- = not analyzed

Table 3
Summary of Requested Soil and Ground Water
Analyses from Monitoring Well Installation
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Sample Type	Gasoline-Range Petroleum Hydrocarbons ^(a)	Diesel-Range Petroleum Hydrocarbons ^(b)	Oil-Range Petroleum Hydrocarbons ^(b)	VOCs ^(c)	BTEX ^(c)	MTBE ^(c)	Naphthalene ^(c)	Lead ^(d)	EDB-Low ^(e)
WCMW-1	5.5	Soil	X	X	X	X	X	X	X	X	--
	10.5	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-1	Water	X	X	X	X	X	X	X	X	X
	WCMW-50 (SPLIT SAMPLE OF WCMW-1)	Water	X	X	X	X	X	X	X	X	X
WCMW-2	7	Soil	X	X	X	X	X	X	X	X	--
	15	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-2	Water	X	X	X	X	X	X	X	X	X
	WCMW-60 (SPLIT SAMPLE OF WCMW-2)	Water	X	X	X	X	X	X	X	X	X
WCMW-3	6	Soil	X	X	X	X	X	X	X	X	--
	15	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-3	Water	X	X	X	X	X	X	X	X	X
	WCMW-80 (SPLIT SAMPLE OF WCMW-3)	Water	X	X	X	X	X	X	X	X	X
WCMW-4	5.5	Soil	X	X	X	X	X	X	X	X	--
	WCMW-30 (SPLIT SAMPLE OF WCMW-4@5.5)	Soil	X	X	X	X	X	X	X	X	--
	14.5	Soil	X	X	X	X	X	X	X	X	--
	WCMW-40 (SPLIT SAMPLE OF WCMW-4@14.5)	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-4	Water	X	X	X	X	X	X	X	X	X
	WCMW-70 (SPLIT SAMPLE OF WCMW-4)	Water	X	X	X	X	X	X	X	X	X
WCMW-5	5	Soil	X	X	X	X	X	X	X	X	--
	WCMW-10 (SPLIT SAMPLE OF WCMW-5@5.5)	Soil	X	X	X	X	X	X	X	X	--
	14.5	Soil	X	X	X	X	X	X	X	X	--
	WCMW-20 (SPLIT SAMPLE OF WCMW-5@14.5)	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-5	Water	X	X	X	X	X	X	X	X	X
WCMW-6	6	Soil	X	X	X	X	X	X	X	X	--
	11.5	Soil	X	X	X	X	X	X	X	X	--
	Monitor Well WCMW-6	Water	X	X	X	X	X	X	X	X	X
	WCMW-90 (SPLIT SAMPLE OF WCMW-6)	Water	X	X	X	X	X	X	X	X	X

Notes:

(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.

(b) Diesel-range petroleum hydrocarbons (DRPH) and oil-range petroleum hydrocarbons (ORPH) using Ecology Method NWTPH-Dx.

(c) Volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, total xylenes, (BTEX), methyl t-butyl ether (MTBE), and Naphthalene using EPA Method 8260B.

(d) Total Lead in soil samples using EPA Method 6010B. Dissolved lead in water samples using EPA Method 200.8.

(e) 1,2-dibromoethane (EDB) for water samples using EPA Method 8011.

X = analyzed

-- = not analyzed

Table 4
Summary of Selected Analytical Results
for DPT Soil Sampling (in mg/kg)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Total Petroleum Hydrocarbons			Aromatic Fuel Compounds ^(a)							Metals ^(a)		SVOCs ^(a)				PCBs ^(a)
		GRPH ^(a)	DRPH ^(a)	ORPH ^(a)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	RCRA-8 Metals	Lead	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Phenanthrene			
DPT-1	8	ND (<5.6)	ND (<35)	ND (<70)	ND (<0.0074)	ND (<0.0037)	ND (<0.0074)	ND (<0.00224)	ND (<0.0074)	--	7.5	--	--	--	--	--		
	12	340	ND (<42)	ND (<85)	ND (<0.081)*	ND (<0.41)	ND (<0.081)	0.16	ND (<0.081)	--	9.6	--	--	--	--	--		
DPT-2	4	--	--	--	ND (<0.02)	--	--	--	--	--	--	--	--	--	--	--		
	8	20	ND (<36)	ND (<72)	0.037	ND (<0.0039)	0.05	0.0381	ND (<0.0077)	--	13.0	--	--	--	--	--		
DPT-3	13.5	1,700	ND (<35)	160	3.9	47.0	130	590	ND (<1.1)*	--	ND (<6.9)	--	--	--	--	--		
	4	ND (<6.5)	--	--	ND (<0.02)	ND (<0.065)	ND (<0.065)	0.073	--	--	--	--	--	--	--	--		
DPT-4	9	1,100	ND (<35)	ND (<69)	ND (<1.1)*	ND (<5.5)	26.0	119	ND (<1.1)*	--	ND (<6.9)	--	--	--	--	--		
	13	31	ND (<33)	ND (<67)	ND (<1.1)*	ND (<5.5)	9.4	48	ND (<1.1)*	--	ND (<6.7)	--	--	--	--	--		
DPT-5	8	ND (<6.2)	ND (<37)	ND (<74)	ND (<0.0076)	ND (<0.0038)	ND (<0.0076)	0.0019	ND (<0.0076)	--	ND (<7.4)	--	--	--	--	--		
	13	39	ND (<30)	ND (<60)	0.081	0.29	0.14	0.81	ND (<0.042)	--	ND (<6.0)	--	--	--	--	--		
DPT-6	4	43	--	--	0.15	1.5	0.76	4.2	--	--	--	--	--	--	--	--		
	12	16,000	ND (<34)	190	6.6	110	42.0	240	ND (<1.0)*	--	12.0	--	--	--	--	--		
DPT-7	14.5	200	ND (<36)	ND (<71)	5.7	18.0	4.6	23.1	ND (<0.12)*	--	ND (<7.1)	--	--	--	--	--		
	12	ND (<28) ^(a)	ND (<35) ^(a)	210 ^(a)	ND (<0.0075)	ND (<0.0037)	ND (<0.0075)	ND (<0.00225)	ND (<0.0075)	59 Ba and 38 Cr	8.6	2.1	1.5	3.0	0.013	ND (<0.070)		
DPT-8	16	ND (<4.5)	ND (<31)	ND (<61)	0.056	0.21	0.13	0.41	ND (<0.0065)	--	ND (<6.1)	--	--	--	--	--		
	8	ND (<7.2)	ND (<36)	ND (<72)	0.027	0.13	0.025	0.101	ND (<0.0010)	--	ND (<7.2)	--	--	--	--	--		
DPT-9	14	250	310	730	ND (<0.093)*	ND (<0.46)	3.0	13.3	ND (<0.093)	--	ND (<5.6)	--	--	--	--	--		
	4	25	870	2,700	0.36	2.2	0.8	2.9	--	--	--	--	--	--	--	--		
DPT-10	10	38	1,300	16,000	0.08	ND (<0.36)	0.21	0.88	ND (<0.071)	--	24.0	--	--	--	--	--		
	14	ND (<4.3)	ND (<28)	ND (<57)	0.014	0.023	0.0096	0.035	ND (<0.0072)	--	ND (<5.7)	--	--	--	--	--		
DPT-11	8	ND (<7.6)	ND (<40)	ND (<79)	ND (<0.0086)	ND (<0.0043)	ND (<0.0086)	ND (<0.00256)	ND (<0.0086)	--	ND (<7.9)	--	--	--	--	--		
	13	64	210	2,500	ND (<0.053)*	ND (<0.26)	0.33	1.43	ND (<0.053)	--	ND (<5.7)	--	--	--	--	--		
DPT-12	10	ND (<8.9)	ND (<1,800)	7,100	ND (<0.0010)	ND (<0.0032)	0.0025	0.1099	ND (<0.0010)	--	ND (<8.2)	--	--	--	--	--		
	14.5	ND (<4.3)	ND (<27)	ND (<54)	0.0041	0.0088	0.011	0.079	ND (<0.0071)	--	ND (<5.4)	--	--	--	--	--		
DPT-13	8	--	ND (<37)	ND (<74)	--	--	--	--	--	--	--	--	--	--	--	--		
	10	ND (<10.0)	ND (<2,000)	9,500	ND (<0.0015)	ND (<0.0074)	ND (<0.0015)	ND (<0.0045)	ND (<0.0015)	--	12.0	--	--	--	--	--		
DPT-14	14.5	ND (<5.2)	ND (<31)	ND (<63)	ND (<0.0025)	ND (<0.013)	ND (<0.0025)	ND (<0.0075)	ND (<0.0025)	--	ND (<6.3)	--	--	--	--	--		
	7	ND (<8.1)	ND (<41)	ND (<82)	ND (<0.0011)	ND (<0.0066)	ND (<0.0011)	ND (<0.0033)	ND (<0.0011)	--	ND (<8.2)	--	--	--	--	--		
DPT-15	15	ND (<4.8)	ND (<32)	ND (<64)	0.028	ND (<0.0032)	0.0056	0.0046	ND (<0.0064)	--	ND (<6.4)	--	--	--	--	--		
	4	--	ND (<38)	ND (<76)	--	--	--	--	--	--	--	--	--	--	--	--		
DPT-16	9	ND (<7.0)	ND (<200)	7,300	ND (<0.0085)	ND (<0.0043)	ND (<0.0085)	ND (<0.00255)	ND (<0.0085)	--	ND (<7.8)	--	--	--	--	--		
	13	ND (<3.3)	ND (<27)	ND (<54)	ND (<0.0060)	ND (<0.0030)	ND (<0.0060)	ND (<0.0018)	ND (<0.0060)	--	ND (<5.4)	--	--	--	--	--		
DPT-17	3	ND (<7.3)	ND (<39)	ND (<77)	ND (<0.0031)	ND (<0.015)	ND (<0.0031)	ND (<0.0093)	ND (<0.0031)	--	320	--	--	--	--	--		
	10	ND (<5.4)	ND (<35)	ND (<69)	ND (<0.0071)	ND (<0.0036)	ND (<0.0071)	ND (<0.00211)	ND (<0.0071)	--	ND (<6.9)	--	--	--	--	--		
DPT-18	3.5	ND (<7.0)	ND (<37)	ND (<75)	ND (<0.0090)	ND (<0.0045)	ND (<0.0090)	ND (<0.0027)	ND (<0.0090)	--	ND (<7.5)	--	--	--	--	--		
	9	ND (<5.2)	ND (<36)	ND (<72)	ND (<0.0075)	ND (<0.0038)	ND (<0.0075)	ND (<0.00225)	ND (<0.0075)	--	ND (<7.2)	--	--	--	--	--		
DPT-19	3.5	ND (<6.8)	ND (<37)	ND (<74)	ND (<0.0029)	ND (<0.015)	ND (<0.0029)	ND (<0.0088)	ND (<0.0029)	--	11.0	--	--	--	--	--		
	8.5	ND (<5.3)	ND (<34)	ND (<68)	ND (<0.0069)	ND (<0.0035)	ND (<0.0069)	ND (<0.00209)	ND (<0.0069)	--	ND (<6.8)	--	--	--	--	--		
DPT-20	6.5	ND (<6.6)	ND (<37)	ND (<75)	ND (<0.0088)	ND (<0.0044)	ND (<0.0088)	ND (<0.00268)	ND (<0.0088)	--	ND (<7.5)	--	--	--	--	--		
	12.5	ND (<4.3)	ND (<29)	ND (<58)	ND (<0.0077)	ND (<0.0038)	ND (<0.0077)	ND (<0.00227)	ND (<0.0077)	--	ND (<5.8)	--	--	--	--	--		
DPT-21	7	ND (<6.8)	ND (<38)	ND (<76)	ND (<0.0085)	ND (<0.0042)	ND (<0.0085)	ND (<0.00255)	ND (<0.0085)	--	ND (<7.6)	--	--	--	--	--		
	14	ND (<3.8)	ND (<28)	ND (<57)	ND (<0.0065)	ND (<0.0032)	ND (<0.0065)	ND (<0.00195)	ND (<0.0065)	--	ND (<5.7)	--	--	--	--	--		
DPT-22	5	ND (<7.5)	ND (<42)	ND (<83)	ND (<0.0012)	ND (<0.0060)	ND (<0.0012)	ND (<0.0036)	ND (<0.0012)	--	9.0	--	--	--	--	--		
	14	ND (<5.2)	ND (<33)	ND (<65)	ND (<0.0069)	ND (<0.0034)	ND (<0.0069)	ND (<0.00209)	ND (<0.0069)	--	ND (<6.5)	--	--	--	--	--		
DPT-23	11	ND (<6.7)	ND (<36)	ND (<34)	ND (<0.02)	ND (<0.0038)	ND (<0.0077)	ND (<0.00227)	ND (<0.0077)	--	ND (<7.1)	--	--	--	--	--		
	15	ND (<5.9)	ND (<71)	ND (<68)	ND (<0.02)	ND (<0.0038)	ND (<0.0077)	ND (<0.00227)	ND (<0.0077)	--	ND (<6.8)	--	--	--	--	--		
DPT-24	9	ND (<6.7)	ND (<38)	ND (<76)	ND (<0.0081)	ND (<0.0041)	ND (<0.0081)	ND (<0.00241)	ND (<0.0081)	--	8.2	--	--	--	--	--		
	14	ND (<6.2)	ND (<36)	ND (<71)	ND (<0.0076)	ND (<0.0038)	ND (<0.0076)	ND (<0.00226)	ND (<0.0076)	--	ND (<7.1)	--	--	--	--	--		
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses		100/30 ^(b)	2,000	2,000	0.03	7.0	6.0	9.0	0.1	NVE	250	5	NVE	NVE	NVE	1.0		
MTCA Method B Soil Cleanup Levels for Direct Contact Land Uses		NVE	NVE	NVE	18	6,400	8,000	16,000	560	Barium = 16,000 Chromium = 2,000	NVE	1,600	24	320	NVE	0.5		

Notes:
All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.
(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.
(b) Diesel-range petroleum hydrocarbons (DRPH) and oil-range petroleum hydrocarbons (ORPH) using Ecology Method NWTPH-Dx.
(c) Benzene, toluene, ethylbenzene, total xylenes, and Mthyl T-Butyl Ether using EPA Method 8260B.
(d) RCRA-8 Metals (Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), and Silver (Ag)) using EPA Methods 8010B and 7471A.
(e) Semi-volatile organic compounds (SVOCs) using EPA Method 8270/SIM.
(f) Polychlorinated Biphenyls (PCBs) using EPA Method 8082.
(g) Analyzed for Hydrocarbon Identification using Ecology Method NWTPH-HCID.
(h) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.
(i) 100 for GRPH mixtures without benzene and a total of ethylbenzene, toluene, and xylenes less than 1% of the GRPH mixture; otherwise 30.
Bolded values indicate detections above the Method Detection Limit.
Shaded values indicate detections exceeding a MTCA Soil Cleanup Level.
ND - not detected above the applicable Method Detection Limit.
NVE - no value established
* - Method Detection Limit raised above the applicable MTCS Cleanup Level due to interference by other analyte.
-- = not analyzed.

Table 5
Summary of Detected VOCs
for DPT Soil Sampling (in mg/kg)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Chlorinated Compounds ^(a)			Non-Chlorinated Compounds Detections ^(a)										
		Tetrachloroethene	1,1,1-Trichloroethane	Methylene Chloride	Acetone	2-Butanone (methyl ethyl ketone)	Isopropylbenzene (cumene)	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	sec-Butylbenzene	p-Isopropyltoluene	n-Butylbenzene	Naphthalene	All Other VOCs
DPT-1	8	0.001	ND (<0.00074)	ND (<0.0037)	0.029	0.0054	ND (<0.00074)	ND (<0.00074)	ND (<0.00074)	0.0013	ND (<0.00074)	ND (<0.00074)	ND (<0.00074)	ND (<0.00074)	ND
	12	ND (<0.081)	ND (<0.081)	ND (<0.41)	ND (<0.41)	ND (<0.41)	ND (<0.081)	0.32	0.45	1.2	0.12	ND (<0.081)	0.5	0.37	ND
DPT-2	8	ND (<0.00077)	ND (<0.00077)	ND (<0.0039)	ND (<0.0039)	ND (<0.0039)	0.0053	0.019	0.013	0.054	0.0028	0.0031	ND (<0.00077)	ND (<0.00077)	ND
	13.5	ND (<1.1)	ND (<1.1)	ND (<5.6)	ND (<5.6)	ND (<5.6)	20.0	77.0	130	410	7.2	6.2	22.0	150	ND
DPT-3	4	--	--	--	--	--	--	--	--	--	--	--	--	ND (<0.00083)	--
	9	ND (<1.1)	ND (<1.1)	ND (<5.5)	ND (<5.5)	ND (<5.5)	4.2	17.0	29.0	110	2.0	1.7	7.1	24.0	ND
DPT-4	13	ND (<1.1)	ND (<1.1)	ND (<5.5)	ND (<5.5)	ND (<5.5)	1.3	3.1	5.6	19.0	ND (<1.1)	ND (<1.1)	ND (<1.1)	6.9	ND
	8	0.0011	ND (<0.00076)	ND (<0.0038)	0.061	0.0054	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	0.002	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	0.0011	ND
DPT-5	13	ND (<0.042)	ND (<0.042)	ND (<0.21)	ND (<0.21)	ND (<0.21)	ND (<0.042)	ND (<0.042)	0.064	0.3	ND (<0.042)	ND (<0.042)	ND (<0.042)	0.43	ND
	4	--	--	--	--	--	--	--	--	--	--	--	--	0.16	--
DPT-6	12	ND (<1.0)	ND (<1.0)	ND (<5.2)	ND (<5.2)	ND (<5.2)	6.2	19.0	32.0	120	2.6	2.8	7.5	29.0	ND
	14.5	ND (<0.12)	ND (<0.12)	ND (<0.60)	ND (<0.60)	ND (<0.60)	0.56	1.9	3.0	11.0	0.27	0.3	0.82	2.3	ND
DPT-7	12	0.0011	ND (<0.00075)	ND (<0.0037)	0.028	ND (<0.0037)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	2.1 ^(b)	ND
	16	ND (<0.00065)	ND (<0.00065)	ND (<0.0033)	ND (<0.0033)	ND (<0.0033)	0.01	0.026	0.048	0.2	0.0032	0.003	0.0068	0.11	ND
DPT-8	8	0.0015	ND (<0.0010)	ND (<0.0050)	0.071	0.016	0.0013	0.0034	0.004	0.013	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	0.0037	ND
	14	ND (<0.093)	ND (<0.093)	ND (<0.093)	ND (<0.46)	ND (<0.46)	0.63	2.2	4.1	16.0	0.37	0.46	1.2	4.5	ND
DPT-9	10	ND (<0.071)	ND (<0.071)	ND (<0.36)	ND (<0.36)	ND (<0.36)	ND (<0.071)	0.23	0.081	2.0	ND (<0.071)	ND (<0.071)	0.13	0.86	ND
	14	ND (<0.00072)	ND (<0.00072)	ND (<0.0036)	ND (<0.0036)	ND (<0.0036)	ND (<0.00072)	0.0018	0.0025	0.011	ND (<0.00072)	ND (<0.00072)	ND (<0.00072)	0.0091	ND
DPT-10	8	0.0019	0.011	ND (<0.0043)	0.052	ND (<0.0043)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND (<0.00086)	ND
	13	ND (<0.053)	ND (<0.053)	ND (<0.26)	ND (<0.26)	ND (<0.26)	0.11	0.51	0.97	3.8	0.10	0.097	0.43	0.47	ND
DPT-11	10	0.0025	ND (<0.0010)	ND (<0.0052)	ND (<0.0052)	ND (<0.0052)	0.0015	0.0029	0.0024	0.0085	0.0017	ND (<0.0010)	0.0034	0.02	ND
	14.5	ND (<0.00071)	ND (<0.00071)	ND (<0.0035)	ND (<0.0035)	ND (<0.0035)	0.0017	0.0063	0.012	0.048	0.00076	ND (<0.00071)	0.0025	0.0099	ND
DPT-12	10	ND (<0.0015)	ND (<0.0015)	ND (<0.0074)	ND (<0.0074)	ND (<0.0074)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND (<0.0015)	ND
	14.5	ND (<0.0025)	ND (<0.0025)	ND (<0.013)	ND (<0.013)	ND (<0.013)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND
DPT-13	7	ND (<0.0011)	ND (<0.0011)	ND (<0.0056)	0.088	0.0078	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND
	15	0.0047	ND (<0.00064)	ND (<0.0032)	ND (<0.0032)	ND (<0.0032)	0.01	0.0089	ND (<0.00064)	0.00087	0.0014	0.00083	0.0019	0.012	ND
DPT-14	9	ND (<0.00085)	ND (<0.00085)	ND (<0.0043)	0.021	ND (<0.0043)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND
	13	ND (<0.00060)	ND (<0.00060)	ND (<0.0030)	0.014	ND (<0.0030)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND (<0.00060)	ND
DPT-15	3	ND (<0.0031)	ND (<0.0031)	0.025	ND (<0.015)	ND (<0.015)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND (<0.0031)	ND
	10	ND (<0.00071)	ND (<0.00071)	ND (<0.0036)	0.013	ND (<0.0036)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND (<0.00071)	ND
DPT-16	3.5	ND (<0.00090)	ND (<0.00090)	ND (<0.0045)	0.018	0.0097	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND (<0.00090)	ND
	9	ND (<0.00075)	ND (<0.00075)	ND (<0.0038)	0.087	0.0038	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	ND
DPT-17	3.5	ND (<0.0029)	ND (<0.0029)	ND (<0.015)	ND (<0.015)	ND (<0.015)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND (<0.0029)	ND
	8.5	ND (<0.00069)	ND (<0.00069)	ND (<0.0035)	0.023	ND (<0.0035)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND
DPT-18	6.5	ND (<0.00088)	ND (<0.00088)	ND (<0.0044)	0.002	ND (<0.0044)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND
	12.5	ND (<0.00077)	ND (<0.00077)	ND (<0.0038)	0.018	ND (<0.0038)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND
DPT-19	7	ND (<0.00085)	ND (<0.00085)	ND (<0.0042)	0.036	ND (<0.0042)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND (<0.00085)	ND
	14	ND (<0.00065)	ND (<0.00065)	ND (<0.0032)	0.016	ND (<0.0032)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND (<0.00065)	ND
DPT-20	5	ND (<0.0012)	ND (<0.0012)	ND (<0.0060)	ND (<0.0060)	ND (<0.0060)	ND (<0.0012)	ND (<0.0012)	ND (<0.0012)	ND (<0.0012)	ND (<0.0012)	ND (<0.0012)	ND (<0.0012)	0.002	ND
	14	ND (<0.00069)	ND (<0.00069)	ND (<0.0034)	0.026	ND (<0.0034)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	0.00093	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND
DPT-21	11	ND (<0.00069)	ND (<0.00069)	ND (<0.0034)	0.07	0.0045	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND (<0.00069)	ND
	15	0.00085	ND (<0.00077)	ND (<0.0038)	ND (<0.0038)	ND (<0.0038)	0.002	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND (<0.00077)	ND
DPT-22	9	ND (<0.00081)	ND (<0.00081)	ND (<0.0041)	0.0084	ND (<0.0041)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND
	14	ND (<0.00076)	ND (<0.00076)	ND (<0.0038)	0.0057	ND (<0.0038)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND (<0.00076)	ND
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses ^(b)		0.05	2.0	0.02	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	5.0	--
MTCA Method B Soil Cleanup Levels for Direct Contact Pathway; Unrestricted Land Uses ^(b)		1.9	72,000	130	8,000	48,000	8,000	NVE	4,000	4,000	NVE	NVE	NVE	1,600	--

Notes:
All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.
(a) Chlorinated Volatile Organic Compounds and Volatile Organic Compounds using EPA Method 8260B
(b) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.
Bolded values indicate detections above the Method Detection Limit.
Shaded values indicate detections exceeding a MTCA Soil Cleanup Level.
ND - not detected above the applicable Method Detection Limit.
NVE - no value established
* - Method Detection Limit raised above the applicable MTCS Cleanup Level due to interference by other analyte.
-- = not analyzed.

Table 6
Summary of Select Analytical Results
for DPT Water Sampling (in µg/L)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Total Petroleum Hydrocarbons			Aromatic Fuel Compounds					Lead ^(d)
	GRPH ^(a)	DRPH ^(b)	ORPH ^(b)	Benzene ^(c)	Toluene ^(c)	Ethylbenzene ^(c)	Total Xylenes ^(c)	MTBE ^(c)	
DPT-1	2,800	ND (<250)	ND (<400)	ND (<1.0)	ND (<5.0)	23.0	119	ND (<1.0)	3.5
DPT-2	54,000	ND (<250)	ND (<400)	370	4,400	1,700	8,700	ND (<20)	11
DPT-3	1,100	ND (<250)	ND (<400)	62.0	81.0	36.0	135	ND (<1.0)	ND (<1.1)
DPT-4	220	ND (<250)	ND (<400)	0.84	2.6	2.6	13.9	ND (<0.2)	ND (<1.1)
DPT-5	78,000	ND (<250)	ND (<400)	870	9,000	2,300	10,800	ND (<50)*	25
DPT-6	5,500	ND (<250)	ND (<400)	130	70	140	205	ND (<2.0)	2.0
DPT-7	8,000	ND (<250)	ND (<400)	7.2	ND (<20.0)	76	249	ND (<4.0)	28
DPT-8	46,000	ND (<250)	ND (<400)	1,400	3,200	1,300	6,600	ND (<20)	30
DPT-9	36,000	ND (<250)	ND (<400)	1,300	2,900	970	4,500	ND (<20)	11
DPT-10	64,000	ND (<250)	ND (<400)	2,500	4,600	1,800	9,400	ND (<20)	50
DPT-11	50,000	ND (<250)	ND (<400)	1,500	3,000	1,500	7,900	ND (<20)	20
DPT-12	200	ND (<250)	ND (<400)	1.3	1.5	2.0	6.6	ND (<0.2)	ND (<1.1)
DPT-13	610	ND (<250)	ND (<400)	0.65	ND (<1.0)	0.79	1.65	ND (<0.2)	4.0
DPT-14	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	ND (<1.1)
DPT-15	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	2.6
DPT-16	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	ND (<1.1)
DPT-17	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	ND (<1.1)
DPT-18	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	ND (<1.1)
DPT-19	74,000	ND (<250)	ND (<400)	1,900	8,800	2,300	11,200	ND (<50)*	57
DPT-20	ND (<100)	ND (<250)	ND (<400)	1.2	ND (<1.0)	1.3	0.84	ND (<0.2)	ND (<1.1)
DPT-21	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<0.2)	3.1
MTCA Method A Cleanup Levels for Ground Water ^(e)	1000/800 ^(f)	500	500	5	1,000	700	1,000	20	15
MTCA Method B Cleanup Levels for Ground Water ^(e)	NVE	NVE	NVE	0.8	640	800	1,600	24	NVE

Notes:

All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.

(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.

(b) Diesel-range and Oil-range petroleum hydrocarbons using Ecology Method NWTPH-Dx.

(c) Benzene, toluene, ethylbenzene, total xylenes, and methyl t-butyl ether (MTBE) using EPA Method 8260B.

(d) Total lead using EPA Method 6010B.

(e) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.

(f) 1000 for GRPH mixtures without benzene and a total of ethylbenzene, toluene, and xylenes less than 1% of the GRPH; Otherwise 800.

Bolded values indicate detections above the Method Detection Limit.

Shaded values indicate detections exceeding a MTCA Cleanup Level.

ND - not detected above the applicable Method Detection Limit.

NVE - no value established

* - Method Detection Limit raised above the applicable MTCS Cleanup Level due to interference by other analyte.

Table 7
Summary of Detected VOCs
for DPT Water Sampling (in µg/L)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Chlorinated VOCs ^(a)			Non-Chlorinated VOCs										All Other VOCs
	Trichloroethene	Tetrachloroethene	Styrene	Isopropylbenzene (Cumene) ^(a)	n-Propylbenzene ^(a)	1,3,5- Trimethylbenzene ^(a)	1,2,4- Trimethylbenzene ^(a)	sec- Butylbenzene ^(a)	tert- Butylbenzene ^(a)	p-Isopropyltoluene ^(a)	n-Butylbenzene ^(a)	EDB ^(b)	Naphthalene ^(a)	
DPT-1	ND (<1.0)	36	ND (<1.0)	9.7	30	47	170	4.2	ND (<1.0)	3.0	ND (<1.0)	ND <0.0096)	23.0	ND
DPT-2	ND (<20)*	62	ND (<20)*	93	180	430	2,000	ND (<20)	ND (<20)	22	ND (<20)	0.190	1,100	ND
DPT-3	ND (<1.0)	6.1	ND (<1.0)	2.9	5.5	11	42	1.3	ND (<1.0)	ND (<1.0)	ND (<1.0)	0.037	26	ND
DPT-4	ND (<0.20)	7.6	ND (<0.20)	0.54	1.1	2.3	8.3	0.33	ND (<0.20)	0.27	ND (<0.20)	ND <0.0096)	3.7	ND
DPT-5	ND (<50)*	ND (<50)*	ND (<50)*	130	200	380	1,700	ND (<50)	ND (<50)	ND (<50)	ND (<50)	0.560	980	ND
DPT-6	ND (<2.0)	13	ND (<2.0)*	22	43	80	360	5.9	2.2	6.3	ND (<2.0)	0.037	95	ND
DPT-7	ND (<4.0)	ND (<4.0)	ND (<4.0)*	23	41	160	490	8.9	ND (<4.0)	10	ND (<4.0)	ND <0.0098)	60	ND
DPT-8	ND (<20)*	23	29	82	150	300	1,300	25	ND (<20)	22	ND (<20.0)	1.20	950	ND
DPT-9	ND (<20)*	21	ND (<20)*	76	140	280	1,100	26	ND (<20)	21	47	0.770	660	ND
DPT-10	ND (<20)*	ND (<20.0)*	ND (<20)*	93	180	420	1,700	27	ND (<20)	23	61	3.70	940	ND
DPT-11	ND (<20)*	ND (<20.0)*	ND (<20)*	95	200	400	1,700	27	ND (<20)	22	ND (<20.0)	0.70	940	ND
DPT-12	ND (<0.20)	1.2	ND (<0.20)	1.2	1.1	1.2	4.0	0.7	0.22	0.4	ND (<0.20)	ND <0.0099)	2.2	ND
DPT-13	0.21	5.1	ND (<0.20)	12	2.4	ND (<0.20)	0.71	3.1	0.27	0.26	6.0	ND <0.0098)	ND (<1.0)	ND
DPT-14	ND (<0.20)	0.86	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0097)	ND (<1.0)	ND
DPT-15	ND (<0.20)	0.23	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0098)	ND (<1.0)	ND
DPT-16	ND (<0.20)	0.62	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0098)	ND (<1.0)	ND
DPT-17	ND (<0.20)	0.76	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0097)	ND (<1.0)	ND
DPT-18	ND (<0.20)	1.5	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0098)	ND (<1.0)	ND
DPT-19	ND (<50)*	ND (<50)*	ND (<50)*	140	240	480	2,000	ND (<50)	ND (<50)	ND (<50)	ND (<50)	1.60	860	ND
DPT-20	ND (<0.20)	0.57	ND (<0.20)	2.3	2.2	0.25	0.36	0.81	ND (<0.20)	ND (<0.20)	0.44	ND <0.0097)	1.7	ND
DPT-21	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.010)	ND (<1.0)	ND
MTCA Method A Cleanup Levels for Ground Water ^(c)	5.0	5.0	1.5	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	0.01	160	--
MTCA Method B Cleanup Levels for Ground Water ^(c)	0.11	0.081	1.5	800	NVE	400	400	NVE	NVE	NVE	NVE	0.00051	160	--

Notes:
All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.
(a) Chlorinated Volatile Organic Compounds (VOCs) and VOCs using EPA Method 8260B.
(b) 1,2-dibromoethane (EDB) using EPA Method 8011.
(d) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.
Bolded values indicate detections above the Method Detection Limit.
Shaded values indicate detections exceeding a MTCA Cleanup Level.
ND - not detected above the applicable Method Detection Limit.
NVE - no value established
* - Method Detection Limit raised due to matrix interference by other analyte.

Table 8
Summary of Selected Analytical Results for Soil Samples
Collected During Monitoring Well Installation (in mg/kg)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Total Petroleum Hydrocarbons			Fuel-Related VOC Detections					Lead ^(d)
		GRPH ^(a)	DRPH ^(b)	ORPH ^(b)	Benzene ^(c)	Toluene ^(c)	Ethylbenzene ^(c)	Total Xylenes ^(c)	MTBE ^(c)	
WCMW-1	5.5	ND (<13.0)	ND (<36)	ND (<71)	0.0033	ND (<0.0041)	0.0064	0.0307	ND (<0.00082)	7.3
	10.5	13	ND (<37)	ND (<75)	1.0	0.19	0.14	0.48	ND (<0.00094)	ND (<7.5)
WCMW-2	7	ND (<15.0)	ND (<530)	2,600	0.0095	0.015	0.017	0.086	ND (<0.00087)	ND (<7.5)
	15	ND (<10.0)	87	ND (<63)	0.19	1.4	2.2	8.4	ND (<0.051)	ND (<6.3)
WCMW-3	6	ND (<6.4)	ND (<35)	ND (<69)	ND (<0.00088)	ND (<0.0044)	0.0017	0.0087	ND (<0.00088)	ND (<6.9)
	15	ND (<4.6)	ND (<30)	ND (<60)	0.023	0.016	0.012	0.065	ND (<0.00072)	ND (<6.0)
WCMW-4	5.5	ND (<5.8)	ND (<33)	ND (<67)	ND (<0.00081)	ND (<0.0041)	ND (<0.00081)	ND (<0.00162)	ND (<0.00081)	ND (<6.7)
	WCMW-30 (SPLIT SAMPLE OF WCMW-4@5.5)	ND (<6.3)	ND (<35)	ND (<69)	ND (<0.00082)	ND (<0.0041)	ND (<0.00082)	ND (<0.00242)	ND (<0.00082)	ND (<6.9)
	14.5	ND (<4.1)	ND (<28)	ND (<55)	0.0014	0.0071	0.0029	ND (<0.0149)	ND (<0.00075)	ND (<5.5)
	WCMW-40 (SPLIT SAMPLE OF WCMW-4@14.5)	ND (<4.7)	ND (<29)	ND (<57)	0.0028	0.0021	0.0089	0.047	ND (<0.00081)	ND (<5.7)
WCMW-5	5	ND (<8.3)	ND (<38)	ND (<76)	ND (<0.00093)	ND (<0.0047)	ND (<0.00093)	ND (<0.00283)	ND (<0.00093)	ND (<7.6)
	WCMW-10 (SPLIT SAMPLE OF WCMW-5@5.5)	ND (<8.1)	ND (<39)	ND (<78)	ND (<0.0010)	ND (<0.0052)	ND (<0.0010)	ND (<0.0031)	ND (<0.0010)	ND (<7.8)
	14.5	ND (<8.9)	ND (<29)	ND (<57)	0.0018	ND (<0.0037)	0.0038	0.0094	ND (<0.00073)	ND (<5.7)
	WCMW-20 (SPLIT SAMPLE OF WCMW-5@14.5)	5.7	ND (<33)	ND (<66)	0.0024	ND (<0.0040)	0.0053	0.0143	ND (<0.00080)	ND (<6.6)
WCMW-6	6	ND (<7.8)	ND (<39)	ND (<78)	ND (<0.0011)	ND (<0.0054)	0.0017	0.0087	ND (<0.0011)	ND (<7.6)
	11.5	ND (<5.5)	ND (<33)	ND (<67)	ND (<0.00080)	ND (<0.0040)	ND (<0.00080)	0.0041	ND (<0.00080)	ND (<6.7)
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses ^(e)		100/30 ^(f)	2,000	2,000	0.03	7.0	6.0	9.0	0.1	250
MTCA Method B Soil Cleanup Levels for Direct Contact Pathway; Unrestricted Land Uses ^(e)		NVE	NVE	NVE	18	6,400	8,000	16,000	560	NVE

Notes:

All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.

(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.

(b) Diesel-range petroleum hydrocarbons (DRPH) and Oil-range petroleum hydrocarbons (ORPH) using Ecology Method NWTPH-Dx.

(c) Benzene, toluene, ethylbenzene, total xylenes, and Methyl T-Butyl Ether using EPA Method 8260B.

(d) Total Lead (Pb) using EPA Method 6010B.

(e) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.

(f) 100 for GRPH mixtures without benzene and a total of ethylbenzene, toluene, and xylenes less than 1% of the GRPH mixture; otherwise 30.

Bolded values indicate detections above the Method Detection Limit.

Shaded values indicate detections exceeding a MTCA Soil Cleanup Level.

ND - not detected above the applicable Method Detection Limit.

NVE - no value established.

Table 9
Summary of Detected VOCs for Soil Samples Collected
During Monitoring Well Installation (in mg/kg)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Sample Depth (ft)	Primary Volatile Organic Compound Detections ^(a)											
		Acetone	1,1,1-Trichloroethane	Tetrachloroethene	Isopropylbenzene (cumene)	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	sec-Butylbenzene	p-Isopropyltoluene	n-Butylbenzene	Naphthalene	All Other VOCs
WCMW-1	5.5	ND (<0.0041)	ND (<0.00082)	ND (<0.00082)	0.0013	0.0056	0.0062	0.023	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	0.0018	ND
	10.5	ND (<0.0047)	ND (<0.00094)	ND (<0.00094)	0.012	0.036	0.065	0.76	0.0049	0.0030	ND (<0.00094)	0.10	ND
WCMW-2	7	0.77	ND (<0.00087)	0.0047	0.0026	0.013	0.023	0.090	0.0021	0.0022	ND (<0.00087)	0.0460	ND
	15	ND (<0.25)	ND (<0.051)	ND (<0.051)	0.4	1.60	3.0	9.20	0.33	0.31	1.70	2.0	ND
WCMW-3	6	ND (<0.0044)	0.0018	ND (<0.00088)	ND (<0.00088)	0.0011	0.0014	0.0045	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND (<0.00088)	ND
	15	ND (<0.0036)	ND (<0.00072)	ND (<0.00072)	0.0010	0.0023	0.0077	0.0160	ND (<0.00072)	ND (<0.00072)	ND (<0.00072)	0.0310	ND
WCMW-4	5.5	0.089	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00076)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	ND
	WCMW-30 (SPLIT SAMPLE OF WCMW-4@5.5)	0.057	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND (<0.00082)	ND
	14.5	ND (<0.0037)	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	0.0012	0.0021	0.0066	ND (<0.00075)	ND (<0.00075)	ND (<0.00075)	0.0017	ND
	WCMW-40 (SPLIT SAMPLE OF WCMW-4@14.5)	ND (<0.0040)	ND (<0.00081)	0.0011	ND (<0.00081)	0.0035	0.0059	0.018	ND (<0.00081)	ND (<0.00081)	ND (<0.00081)	0.0070	ND
WCMW-5	5	ND (<0.0047)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND (<0.00093)	ND
	WCMW-10 (SPLIT SAMPLE OF WCMW-5@5.5)	ND (<0.0052)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND
	14.5	0.025	ND (<0.00073)	ND (<0.00073)	ND (<0.00073)	0.0021	0.0011	0.0094	ND (<0.00073)	ND (<0.00073)	ND (<0.00073)	0.0062	ND
	WCMW-20 (SPLIT SAMPLE OF WCMW-5@14.5)	0.036	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	0.0025	0.0016	0.0110	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	0.0071	ND
WCMW-6	6	ND (<0.0054)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	0.0034	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND (<0.0011)	ND
	11.5	ND (<0.0040)	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	0.0023	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	ND (<0.00080)	ND
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses ^(b)		NVE	2.0	0.05	NVE	NVE	NVE	NVE	NVE	NVE	NVE	5.0	--
MTCA Method B Soil Cleanup Levels for Direct Contact Pathway; Unrestricted Land Uses ^(b)		8,000	72,000	1.9	8,000	NVE	4,000	4,000	NVE	NVE	NVE	1,600	--

Notes:
All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.
(a) Volatile Organic Compounds (VOCs) using EPA Method 8260B
(b) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.
Bolded values indicate detections above the Method Detection Limit.
 Shaded values indicate detections exceeding a MTCA Soil Cleanup Level.
ND - not detected above the applicable Method Detection Limit.
NVE - no value established
* - Method Detection Limit raised above the applicable MTCS Cleanup Level due to interference by other analyte.
-- = not analyzed.

Table 10
Summary of Ground Water Analytical Results
for Fuel-Related Compounds (in µg/L)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Total Petroleum Hydrocarbons			Fuel-Related VOCs ^(c)				Lead ^(d)
	GRPH ^(a)	DRPH ^(b)	ORPH ^(b)	Benzene	Toluene	Ethylbenzene	Total Xylenes	
WCMW-1	7,300	ND (<250)	ND (<400)	89	260	190	1,100	2.9
WCMW-50 (SPLIT SAMPLE OF WCMW-1)	7,300	ND (<250)	ND (<400)	75	230	180	990	3.4
WCMW-2	66,000	ND (<250)	ND (<400)	1,400	7,700	1,900	9,800	32
WCMW-60 (SPLIT SAMPLE OF WCMW-2)	56,000	ND (<250)	ND (<400)	1,500	8,200	2,000	10,500	32
WCMW-3	67,000	ND (<250)	ND (<400)	1,600	7,400	2,100	10,900	40
WCMW-80 (SPLIT SAMPLE OF WCMW-3)	66,000	ND (<250)	ND (<400)	1,600	7,400	2,100	10,800	43
WCMW-4	1,700	ND (<250)	ND (<400)	3.3	58	45	236	ND (<1.0)
WCMW-70 (SPLIT SAMPLE OF WCMW-4)	2,000	ND (<250)	ND (<400)	2.4	51	45	236	ND (<1.0)
WCMW-5	6,700	ND (<250)	ND (<400)	43	260	200	960	ND (<1.0)
WCMW-6	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<1.0)
WCMW-90 (SPLIT SAMPLE OF WCMW-6)	ND (<100)	ND (<250)	ND (<400)	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.60)	ND (<1.0)
MTCA Method A Cleanup Levels for Ground Water ^(e)	1000/800 ^(f)	500	500	5	1,000	700	1000	15
MTCA Method B Cleanup Levels for Ground Water ^(e)	NVE	NVE	NVE	0.8	640	800	1,600	NVE

Notes:

All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.

(a) Gasoline-range petroleum hydrocarbons (GRPH) using Ecology Method NWTPH-Gx.

(b) Diesel-range petroleum hydrocarbons (DRPH) and Oil-range petroleum hydrocarbons (ORPH) using Ecology Method NWTPH-Dx.

(c) Benzene, toluene, ethylbenzene, total xylenes, and methyl t-butyl ether (MTBE) using EPA Method 8260B.

(d) Dissolved lead using EPA Method 200.8.

(e) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.

(f) 1000 for GRPH mixtures without benzene and a total of ethylbenzene, toluene, and xylenes less than 1% of the GRPH; Otherwise 800.

Bolded values indicate detections above the Method Detection Limit.

Shaded values indicate detections exceeding a MTCA Cleanup Level.

ND - not detected above the applicable Method Detection Limit.

NVE - no value established

Table 11
Summary of Detected VOCs
in Ground Water (in µg/L)
Initial Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample Location	Chlorinated VOCs ^(a)	Non-Chlorinated VOCs ^(a)									All Other VOCs
	Tetrachloroethene	Isopropylbenzene (Cumene)	n-Propylbenzene	1,3,5- Trimethylbenzene	1,2,4- Trimethylbenzene	sec- Butylbenzene	p-Isopropyltoluene	n-Butylbenzene	EDB ^(b)	Naphthalene	
WCMW-1	26	25	60	130	510	ND (<10)	ND (<10)	ND (<10)	ND <0.020)*	210	ND
WCMW-50 (SPLIT SAMPLE OF WCMW-1)	23	22	54	110	460	ND (<0.20)	ND (<10)	ND (<10)	ND <0.0096)	180	ND
WCMW-2	ND (<40)*	75	170	320	1,400	ND (<40)	ND (<40)	ND (<40)	0.93	730	ND
WCMW-60 (SPLIT SAMPLE OF WCMW-2)	ND (<40)*	81	170	350	1,500	ND (<40)	ND (<40)	ND (<40)	0.88	1,000	ND
WCMW-3	ND (<40)*	100	230	470	2,000	ND (<40)	ND (<40)	45	1.5	1,100	ND
WCMW-80 (SPLIT SAMPLE OF WCMW-3)	ND (<40)*	100	220	440	1,900	ND (<40)	ND (<40)	42	1.4	1,100	ND
WCMW-4	ND (<2.0)	4.6	11	20	74	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND <0.0096)	38	ND
WCMW-70 (SPLIT SAMPLE OF WCMW-4)	ND (<1.0)	4.6	12	22	78	1.3	1.1	ND (<1.0)	ND <0.0096)	27	ND
WCMW-5	ND (<10)*	20	47	96	350	ND (<10)	ND (<10)	ND (<10)	0.016	120	ND
WCMW-6	0.92	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0095)	ND (<1.0)	ND
WCMW-90 (SPLIT SAMPLE OF WCMW-6)	0.93	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND <0.0095)	ND (<1.0)	ND
MTCA Method A Cleanup Levels for Ground Water ^(c)	5.0	NVE	NVE	NVE	NVE	NVE	NVE	NVE	0.01	160	--
MTCA Method B Cleanup Levels for Ground Water ^(c)	0.081	800	NVE	400	400	NVE	NVE	NVE	0.00051	160	--

Notes:

All samples submitted to OnSite Environmental, Inc., Redmond WA for analysis.

(a) Volatile Organic Compounds (VOCs) using EPA Method 8260B. Reported in mg/L (ppb).

(b) 1,2-dibromoethane (EDB) using EPA Method 8011.

(c) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.

Bolded values indicate detections above the Method Detection Limit.

Shaded values indicate detections exceeding a MTCA Cleanup Level.

ND - not detected above the applicable Method Detection Limit.

NVE - no value established

* - Method Detection Limit raised above the applicable MTCS Cleanup Level due to interference by other analyte.

Table 12
Summary of Ground Water Elevation Data For
Whitney's Chevrolet and Tony's Short Stop Sites
Remedial Investigation Report
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Well ID	PVC Casing Elevation ^(a)	Ground Elevation	Date	Depth to Water	Water Table Elevation
Monitoring Wells Associated With Whitney's Chevrolet Site					
WCMW-1	39.84	40.41	7/1/08	15.11	24.73
			12/14/09	14.13	25.71
			1/18/10	12.98	26.86
WCMW-2	40.42	40.88	7/1/08	16.42	24.00
			12/14/09	15.42	25.00
			1/18/10	14.46	25.96
WCMW-3	39.93	40.38	7/1/08	16.26	23.67
			12/14/09	15.27	24.66
			1/18/10	14.36	25.57
WCMW-4	38.95	39.30	7/1/08	16.18	22.77
			12/14/09	15.62	23.33
			1/18/10	15.98	22.97
WCMW-5	37.73	38.25	7/1/08	15.18	22.55
			12/14/09	13.90	23.83
			1/18/10	13.01	24.72
WCMW-6	38.80	39.32	7/1/08	15.73	23.07
			12/14/09	14.76	24.04
			1/18/10	13.88	24.92
KBMW-1	39.31	39.69	12/14/09	15.89	23.42
			1/18/10	14.76	24.55
KBMW-2	38.17	38.48	12/14/09	14.31	23.86
			1/18/10	13.45	24.72
KBMW-3	37.21	37.68	12/14/09	14.53	22.68
			1/18/10	13.93	23.28
KBMW-4	36.76	37.29	12/14/09	15.09	21.67
			1/18/10	14.53	22.23
KBMW-5	37.81	38.17	12/14/09	15.97	21.84
			1/18/10	15.42	22.39
KBMW-6	40.15	40.52	12/14/09	16.73	23.42
			1/18/10	16.17	23.98
KBMW-7	36.17	36.54	12/14/09	13.28	22.89
			1/18/10	12.53	23.64
KBMW-8	35.81	36.05	12/14/09	13.98	21.83
			1/18/10	13.39	22.42
KBMW-9	35.84	36.27	12/14/09	14.38	21.46
			1/18/10	13.82	22.02
KBMW-10	34.96	35.42	12/14/09	13.55	21.41
			1/18/10	13.00	21.96
ESMW-1	40.82	41.24	12/14/09	15.03	25.79
			1/18/10	13.96	26.86
ESMW-7	35.59	36.05	12/14/09	14.07	21.52
			1/18/10	13.54	22.05
Monitoring Wells Associated With Tony's Short Stop Site (315 South Main Street, Montesano, WA)					
TSSMW-1	32.33	32.42	1/18/10	10.62	21.71
TSSMW-2	31.94	32.55	1/18/10	10.56	21.38
TSSMW-3	32.87	33.41	1/18/10	11.40	21.47
TSSMW-4	31.07	31.54	1/18/10	0.08' Product	--
TSSMW-5	32.63	33.07	1/18/10	11.16	21.47
TSSMW-6	33.97	34.24	1/18/10	12.31	21.66
TSSMW-7	35.04	35.49	1/18/10	13.23	21.81
TSSMW-8	34.52	34.81	1/18/10	13.02	21.50
TSSMW-9	35.36	35.77	1/18/10	13.38	21.98
TSSMW-10*	--	31.49	--	--	--
TSSMW-11	30.03	30.27	1/18/10	9.07	20.96
TSSMW-12	32.98	33.45	1/18/10	11.55	21.43
TSSMW-13	34.80	35.12	1/18/10	13.34	21.46

(a) Measurement collected from the north side of the well casing
 Survey of WCMW-1 through WCMW-6 completed July 3, 2008 by Duane Hartman & Associates (DHA)
 Survey of KBMW-1 through KBMW-10, ESMW-1 and ESMW-7 completed December 14, 2009 by DHA
 Survey of TSS1 through TSS13 completed January 18, 2010 by DHA
 TSSMW-10 was not accessible at the time of the survey. Therefore, vertical data was not obtained.
 Coordinate System and Zone: Washington State Plane, North Zone coordinates
 Horizontal Datum: NAD 83(91) US feet (horizontal accuracy: 0.1')
 Vertical Datum: NAVD'88 (vertical accuracy 0.01')
 TSSMW prefix indicates data was obtained from wells pertaining to the Tony's Short Stop site.

Table 13
Summary of Requested Soil, Soil Gas, and Ground Water
Analyses from DPT Borings
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

DPT ID	Date Collected	Sample Depth (in feet)	Sample Type	GRPH by Ecology Method NWTPH-Gx	GRPH and ORPH by NWTPH-HCID	VOCs by EPA Method 8260B	VOCs by EPA Method 8260 SIM	BTEX by EPA Method 8021B	Total Lead by EPA Method 7421
DPT-22	11/14/09	8	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
DPT-23	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	8	Soil	--	X	--	--	X	X
	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
DPT-24	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	4	Soil	--	X	--	--	X	--
	11/14/09	8	Soil	--	X	--	--	X	X
DPT-25	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	8	Soil	--	X	--	--	X	X
DPT-26	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	8	Soil	--	X	--	--	X	X
DPT-27	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	8	Soil	--	X	--	--	X	X
DPT-28	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/14/09	8	Soil	--	X	--	--	X	X
DPT-29	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
	11/14/09	Ground Water	Water	X	--	X	--	--	--
	11/15/09	8	Soil	--	X	--	--	X	X
DPT-30	11/15/09	12	Soil	--	X	--	--	X	X
	11/15/09	15	Soil	--	X	--	--	X	X
	11/15/09	8	Soil Gas	--	--	--	--	--	--
	11/15/09	Ground Water	Water	X	--	X	--	--	--
DPT-31	11/15/09	8	Soil	--	X	--	--	X	X
	11/15/09	12	Soil	--	X	--	--	X	X
	11/15/09	15	Soil	--	X	--	--	X	X
	11/15/09	8	Soil Gas	--	--	--	--	--	--
DPT-32	11/14/09	8	Soil	--	X	--	--	X	X
	11/14/09	12	Soil	--	X	--	--	X	X
	11/14/09	15	Soil	--	X	--	--	X	X
	11/14/09	8	Soil Gas	--	--	--	--	--	--
DPT-33	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	15	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
DPT-34	11/12/09	8	Soil	--	X	--	--	X	X
	11/12/09	12	Soil	--	X	--	--	X	X
	11/12/09	8	Soil Gas	--	--	--	--	--	--
	11/12/09	Ground Water	Water	X	--	X	--	--	--
DPT-35	11/12/09	8	Soil	--	X	--	--	X	X
	11/12/09	12	Soil	--	X	--	--	X	X
	11/12/09	8	Soil Gas	--	--	--	--	--	--
	11/12/09	Ground Water	Water	X	--	X	--	--	--
DPT-36	11/15/09	8	Soil	--	X	--	--	X	X
	11/15/09	12	Soil	--	X	--	--	X	X
	11/15/09	8	Soil Gas	--	--	--	--	--	--
	11/15/09	Ground Water	Water	X	--	X	--	--	--
DPT-37	11/12/09	8	Soil	--	X	--	--	X	X
	11/12/09	12	Soil	--	X	--	--	X	X
	11/12/09	8	Soil Gas	--	--	--	--	--	--
	11/12/09	Ground Water	Water	X	--	X	--	--	--
DPT-38	11/15/09	8	Soil	--	X	--	--	X	X
	11/15/09	12	Soil	--	X	--	--	X	X
	11/15/09	8	Soil Gas	--	--	--	--	--	--
	11/15/09	Ground Water	Water	X	--	X	--	--	--
DPT-39	11/15/09	8	Soil Gas	--	--	--	--	--	--
DPT-40	11/15/09	8	Soil Gas	--	--	--	--	--	--
DPT-41	11/12/09	8	Soil Gas	--	--	--	--	--	--
DPT-42	11/12/09	8	Soil Gas	--	--	--	--	--	--
DPT-43	11/15/09	8	Soil Gas	--	--	--	--	--	--
DPT-44	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
	11/13/09	Ground Water	Water	X	--	X	--	--	--
DPT-45	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
	11/13/09	Ground Water	Water	X	--	X	--	--	--
DPT-46	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
	11/13/09	Ground Water	Water	X	--	X	--	--	--
DPT-47	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
	11/13/09	Ground Water	Water	X	--	X	--	--	--
DPT-48	11/13/09	8	Soil	--	X	--	--	X	X
	11/13/09	12	Soil	--	X	--	--	X	X
	11/13/09	8	Soil Gas	--	--	--	--	--	--
	11/13/09	Ground Water	Water	X	--	X	--	--	--

Notes:
GRPH = Gasoline-range petroleum hydrocarbons.
ORPH = Oil-range petroleum hydrocarbons.
NWTPH-HCID = Northwest Total Petroleum Hydrocarbons, Hydrocarbon Identification
VOCs = Volatile organic compounds, including benzene, toluene, ethylbenzene, total xylenes, (BTEX).
X = analyzed
-- = not analyzed

Table 14
Summary of Soil Analytical Results
(In mg/kg)
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Sample No.		Date Collected	Contaminants of Potential Concern (COPCs)										Other Detected Analytes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			ORPH ^(a)					GRPH ^(a)					Naphthalenes ^(a)					Isopropylbenzene ^(a)					tert-Butylbenzene ^(a)					n-Propylbenzene ^(a)					1,2,4-Trimethylbenzene ^(a)					1,3,5-Trimethylbenzene ^(a)					Isopropyltoluene ^(a)					n-Butylbenzene ^(a)					sec-Butylbenzene ^(a)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			Benzene ^(a)		Toluene ^(a)		Ethylbenzene ^(a)		Total Xylenes ^(a)		Total Lead ^(a)		Isopropylbenzene ^(a)					tert-Butylbenzene ^(a)					n-Propylbenzene ^(a)					1,2,4-Trimethylbenzene ^(a)					1,3,5-Trimethylbenzene ^(a)					Isopropyltoluene ^(a)					n-Butylbenzene ^(a)					sec-Butylbenzene ^(a)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

Table 15
Summary of Ground Water Analytical Results
for DPT Locations (in µg/L)
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

			Contaminants of Potential Concern (COPCs)													Other Detected Compounds									
Sample No.	Date Collected																								
		GRPH ^(a)	Benzene ^(b)	Toluene ^(b)	Ethylbenzene ^(b)	Total Xylenes ^(b)	Napthalenes ^(b)	1,3,5-Trimethylbenzene ^(b)	1,2,4-Trimethylbenzene ^(b)	1,2-Dibromoethane(EDB) ^(b)	1,2-Dichloroethane (EDC) ^(b)	Trichloroethylene(TCE) ^(b)	Tetrachloroethylene(PCE) ^(b)	Vinyl Chloride ^(b)	trans-1,2-Dichloroethene ^(b)	cis-1,2-Dichloroethene ^(b)	Chloroform ^(b)	Isopropylbenzene ^(b)	n-Propylbenzene ^(b)	tert-Butylbenzene ^(b)	sec-Butylbenzene ^(b)	Isopropyltoluene ^(b)	n-Butylbenzene ^(b)		
DPT-22	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-23	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	1.8	<4	<1	<1	<1	<1	<1		
DPT-24	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	2.5	<4	<1	<1	<1	<1	<1		
DPT-26	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DUP-2GW	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	1.3	<4	<1	<1	<1	<1	<1		
DPT-27	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-28	11/14/2009	200	6.2	<1	31	15.2	26.0	10.7	25.2	<0.01	<1	4.2	1.1	<0.2	<1	<1	<1	13.4	13.3	6.2	2.5	2.3	4.5		
DUP-1GW	11/14/2009	280	5.5	<1	29.6	16.1	44.5	10.3	28.3	<0.01	<1	3.9	1.1	<0.2	<1	<1	<1	12.2	13.2	6.3	2.6	2.4	5.3		
DPT-29	11/14/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-30	11/15/2009	43,100	340	3,190	971	5,040	1,600	216	606	<0.01	<1	<1	<1	<0.2	<1	<1	<1	161	204	371	20.0	121	76.5		
DUP-3GW	11/15/2009	35,000	339	3,040	864	4,470	1,380	181	555	<0.01	<1	<1	<1	<0.2	<1	<1	<1	172	189	329	17.8	89.0	77.7		
DPT-31	11/15/2009	38,800	333	609	1,260	6,210	1,060	214	429	<0.01	<1	<1	<1	<0.2	<1	<1	<1	121	167	303	8.6	101	99.0		
DPT-32	11/14/2009	9,800	183	353	1,010	2,460	834	92.6	292	<0.01	<1	<1	<1	0.45	1.0	15.0	<1	104	134	166	11.5	53.9	38.7		
DPT-33	11/13/2009	43,000	836	1,640	2,160	7,310	1,310	145	468	<0.01	<1	7.9	<1	<0.2	<1	<1	<1	177	210	240	15.3	108	<1		
DPT-34	11/12/2009	4,800	230	63.5	380	709	210	31.3	98.9	<0.01	<1	4.1	6.0	<0.2	<1	<1	<1	36.6	32.3	43.4	4.4	16	12.7		
DPT-35	11/12/2009	200	<1	<1	1.7	<2	24.6	3.9	2.2	<0.01	<1	<1	<1	<0.2	<1	<1	<1	1.9	2.9	<1	2.1	<1	3.9		
DPT-36	11/15/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-37	11/12/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-38	11/15/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-44	11/13/2009	250	1.4	2.3	5.9	2.9	114	48.1	3.5	<0.01	<1	<1	<1	<0.2	<1	<1	<1	61.9	26.5	2.2	17.7	5.1	7.6		
DPT-45	11/13/2009	450	<1	<1	<1	<2	51.4	26.2	1.8	<0.01	<1	<1	<1	<0.2	<1	<1	<1	23.1	3.3	1.5	6.4	7.2	<1		
DPT-46	11/13/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-47	11/13/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	6.9	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
DPT-48	11/13/2009	<100	<1	<1	<1	<2	<5	<1	<1	<0.01	<1	<1	8.2	<0.2	<1	<1	<1	<4	<1	<1	<1	<1	<1		
MTCA Method A Ground Water Cleanup Level		800/ 1,000 ^(c)	5	1000	700	1000	20	NVE	NVE	0.01	5	5	5	0.2	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	NVE	
MTCA Method B Ground Water Cleanup Level		800/ 1,000 ^(c)	--	--	--	--	--	400	400	--	--	--	--	--	160	80	7.2*	800	NVE	NVE	NVE	NVE	NVE	NVE	

Bolded - indicates the analyte was detected above the compound-specific laboratory detection limit
Bolded and Shaded - indicates the detected concentration exceeds the MTCA Method A and/or B Ground Water Cleanup Level
(a) Analyzed using Ecology Method NWTPH-Gx
(b) Analyzed using EPA Method 8260B
(c) Ground water cleanup level for GRPH is 800 µg/L when benzene is present in the sample; 1,000 µg/L when benzene is not detected.
-- Indicates that the Method B value was not applicable since the MTCA Mehod A value was the selected screening level
* - Indicates the carcinogenic MTCA Method B cleanup level was selected as the screening level. All other listed MTCA Method B values are non-carcinogenic
NVE - No value established

Table 16
Summary of Soil Gas Analytical Data in $\mu\text{g}/\text{m}^3$
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

		Analyte	DPT-22SG	DPT-23SG	DPT-24SG	DPT-25SG	DUP-3*	DPT-26SG	DPT-27SG	DPT-28SG	DPT-29SG	DPT-30SG	DPT-31SG	DPT-32SG	DPT-33SG	DPT-34SG	DUP-1*	DPT-35SG	DPT-36SG	DPT-37SG	DPT-38SG	DPT-39SG	DPT-40SG	DPT-41SG	DPT-42SG	DPT-43SG	DPT-44SG	DPT-45SG	DPT-46SG	DUP-2*	DPT-47SG	DPT-48SG	MTCA Method B Indoor Air Cleanup Level	Screening Level ^(a)			
Fuel-Related Compounds	8260	1,3-Butadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.08	0.8				
		n-Butylbenzene	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	17	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	16	15	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	NR	NR		
		sec-Butylbenzene	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	21	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	NR	NR	
		tert- Butylbenzene	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	31	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	17	<11.7	<11.7	<11.7	<11.7	<11.7	12	15	<11.7	NR	NR	
		Cyclohexane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NR	NR		
		Ethanol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NI	NI		
		Ethylbenzene	11	<8.9	<8.9	<8.9	<8.9	<8.9	24	24	12	<8.9	<8.9	9	21	26	10	13	78	13	93	<8.9	<8.9	26	46	<8.9	10	<8.9	<8.9	<8.9	54	105	700	460 ^(b)	4,600		
		4-Ethyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NI	NI		
		Heptane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NR	NR		
		Hexane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	320 ^(b)	3,200		
		Isopropylbenzene	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	31	<9.9	<9.9	<9.9	23	<9.9	<9.9	<9.9	<9.9	<9.9	12	19	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	77	180 ^(b)	1,800
		Isopropyltoluene	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	29	<11.4	<11.4	13	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	NI	NI	
		2-Propanol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NR	NR		
		n-Propylbenzene	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	37	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	43	NR	NR	
		Toluene	51	57	17	29	79	68	60	92	72	<13.1	170	55	33	76	81	64	220	74	92	16	<13.1	126	280	100	58	44	80	114	50	191	2,200 ^(b)	22,000			
		2,2,4-Trimethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NI	NI		
		m,p-Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NI	NI		
		o-Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NI	NI		
		Total Xylenes	61	61	<31.0	<31.0	51	45	119	78	85	<31.0	62	62	80	179	141	95	230	109	234	<31	<31	275	178	51	61	58	34	150	38	2,750	46 ^(b)	460			
	8260 SIM	Benzene	48	16	16	38	54	42	16	29	20	28	17	36	24	26	340	34	4	21	47	14	20	27	38	<1.1	39	18	34	37	19	93	0.32	3.2			
Ethylene Dibromide(EDB)		<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	0.011	0.11			
Ethylene Dichloride(EDC)		<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<8.9	<0.92	16	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	0.096	0.96		
Naphthalenes		11	11	15	19	13	8	11	11	13	35	200	11	18	13	14	23	26	21	62	36	32	21	19	<1.8	9	35	11	18	8	8	1.4 ^(b)	14				
1,2,4-Trimethylbenzene		9	7	7	31	15	6	7	6	10	17	13	10	20	51	15	21	9	15	45	7	4	13	19	<1.2	31	<1.2	15	30	<1.2	20	2.7 ^(b)	27				
1,3,5-Trimethylbenzene		4	4	5	8	5	3	5	3	4	4	5	5	6	<1.2	10	<1.2	20	6	16	3	<1.2	<1.2	<1.2	<1.2	7	<1.2	6	17	5	21	2.7 ^(b)	27				
Non Fuel-Related Compounds		8260	Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NR	NR		
	2-Butanone		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	460 ^(b)	4,600			
	Carbon Disulfide		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	320 ^(b)	3,200			
	Chloromethane		<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	1.4	14			
	1,4-Dichlorobenzene		<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	370 ^(b)	3,700			
	1,1-Dichloroethane		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	320 ^(b)	3,200			
	cis-1,2-Dichloroethylene		<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	16 ^(b)	160			
	trans-1,2-Dichloroethylene		<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	32 ^(b)	320			
	Freon-11		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	320 ^(b)	3,200			
	Freon-12		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--								

Bold Concentration - Indicates analyte was detected at a concentration above the compound-specific laboratory detection limit
Bold & Shaded Concentration - Indicates analyte was detected at a concentration above the Screening Level
(a) Screening Level = 10X the MTCA Method B Carcinogenic or Non-Carcinogenic Indoor Air Cleanup Level
(b) No MTCA Method B carcenogenic air cleanup level has been established for the indicated compound. The MTCA Method B non-carcinogenic value was referenced
8260 SIM - Compound was analyzed using EPA Method 8260 Select Ion Monitoring (SIM) by Libby Environmental analytical laboratory in Olympia, WA
8260 - Compound was analyzed using EPA Method 8260 by Libby Environmental analytical laboratory in Olympia, WA
NR - The CLARC database indicated that MTCA Method B air cleanup levels were not researched for the indicated compound
NI - The indicated compound was not listed in the CLARC database and no cleanup level information was available
* - Indicates that sample is a duplicate of the sample in the preceding column
-- Compound was not included in the list of compounds analyzed in the indicated analysis

Table 17

Summary of Air Analytical Data in $\mu\text{g}/\text{m}^3$
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Analyte	Whitney Chevrolet						Sterling Savings Bank				VFW / Charlie's Bar				Screening Level MTCA Method B Air Cleanup Level
	BG-IA-1 (Background Park)	BG-IA-3 (Background)	WC-IA-1	WC-IA-2	WC-IA-3	WC-IA-4*	BG-IA-2	SSB-IA-1	SSB-IA-2	SSB-IA-3	BG-IA-4 (Background)	VFW-IA-1	VFW-IA-2	CH-IA-1	CH-IA-2
Fuel-Related Compounds	1,3-Butadiene	<0.36	<0.36	0.91	<0.33	<0.37	<0.37	<0.34	<0.36	<0.37	<0.36	<0.35	<0.72	<6.7	<0.38
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	tert- Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	Cyclohexane	<0.56	<0.55	3.4	2.9	3.1	3.1	<0.52	12	1.4	1.3	<0.54	<2.9	<1.1	<10
	Ethanol	2.3	2	20	190 E	170 E	160 E	4.1	45	610 E	600 E	4.1	3,900 E	760 E	5,600 E
	4-Ethyltoluene	<0.81	<0.79	7.6	3.1	4.4	3.9	<0.75	<0.81	<0.82	<0.81	<0.78	<4.1	<1.6	<15
	Ethylene Dibromide(EDB)	<1.3	<1.2	<1.2	<1.1	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.2	<6.4	<2.5	<23
	Heptane	<0.67	<0.66	35	16	22	21	1.2	18	2.7	2.4	0.87	<3.4	<1.3	<12
	Hexane	<0.58	<0.57	7.8	8.1	9.8	9.7	0.74	57	6.2	5.6	0.75	4.1	2.5	<11
	Isopropylbenzene	<0.81	<0.79	<0.75	<0.73	<0.82	<0.82	<0.75	<0.81	<0.82	<0.81	<0.78	<4.1	<1.6	<15
	Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.84
	Naphthalenes	<4.3	<4.2	1.6 J	0.84 J	1.2 J	1.0 J	<4.0	<4.3	<4.4	<4.3	<4.1	<22	<8.6	<80
	2-Propanol	<2	<2	7.7	68	76	59	2.1	9.3	21	20	<1.9	<4.0	<37	<2.1
	n-Propylbenzene	<0.81	<0.79	1.8	0.9	1.2	1.2	<0.75	<0.81	<0.82	<0.81	<0.78	<4.1	<1.6	<15
	1,2,4-Trimethylbenzene	<0.81	<0.79	8.7	3.7	5.2	4.3	<0.75	<0.81	0.84	0.83	<0.78	<4.1	<1.6	<15
	1,3,5-Trimethylbenzene	<0.81	<0.79	2.6	1.2	1.4	1.2	<0.75	<0.81	<0.82	<0.81	<0.78	<4.1	<1.6	<15
	2,2,4-Trimethylpentane	<3.8	<3.8	<3.6	<3.5	<3.9	5.3	<3.6	21	<3.9	<3.8	<3.7	<20	<7.7	<71
Non Fuel-Related Compounds	Benzene	0.47	0.63	12	5.3	6.9	6.8	1.4	0.74	1.6	1.5	1.3	2.2	2.1	<4.8
	Ethylbenzene	<0.14	0.24	16	6.3	7.9	7.7	0.63	0.45	0.73	0.74	0.63	<0.73	0.36	<2.6
	Ethylene Dichloride(EDC)	<0.13	<0.13	0.16	0.13	<0.14	<0.14	<0.12	0.94	0.27	0.28	<0.13	<0.68	<2.5	<0.14
	Toluene	0.7	1.6	43	26	26	26	3.6	2.1	4	3.9	3.4	5.2	2.8	4.2
	m,p-Xylene	0.31	0.77	53	20	27	25	2	1.4	2.3	2.3	2	<1.4	0.8	<5.3
	o-Xylene	<0.14	0.26	17	6.4	8.3	8	0.72	0.53	0.84	0.87	0.71	<0.73	0.3	<2.6
	Total Xylenes	0.31	1.03	70	26.4	35.3	33	2.72	1.93	3.14	3.17	2.71	NA	1.1	NA
	Acetone	5.5	8.4	27	18	12	14	6.6	6.6	20	10	2.7	24	25	<36
	2-Butanone	0.86	1.5	4.2	2	1.8	2.5	1.2	1.2	2.7	0.9	<0.46	3.3	4.2	<9
	Carbon Disulfide	<2.6	<2.5	<2.4	2.7	<2.6	<2.6	<2.4	<2.6	<2.6	<2.6	<2.5	<13	<5.1	<47
	Chloromethane	0.86	0.84	0.9	1.2	0.98	1.1	0.82	0.84	1	0.94	0.88	2.3	2.2	<6.3
	1,4-Dichlorobenzene	<0.99	<0.97	2.6	2.9	3	2.5	<0.91	<0.99	<1	<0.99	<0.95	720	100	82
	Freon-11	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	5.9	2.9	18
	Freon-12	2.2	2.2	2.3	2.1	2.3	2.1	2.2	2.2	2.2	2.2	2.2	10	5.1	32
	Methylene Chloride	<1.1	<1.1	3	2.2	1.7	1.7	<1	<1.1	<1.2	<1.1	<1.1	<5.8	<2.3	<21
	4-Methyl-2-Pentanone	<0.67	<0.66	0.7	2	2.4	0.99	<0.62	<0.67	<0.69	<0.67	<0.65	<3.4	<1.3	<12
	1,1,1-Trichloroethane	<0.18	<0.18	<0.16	<0.16	<0.18	<0.18	<0.16	<0.18	0.46	0.44	<0.17	1.5	1.1	<3.3
	1,1-Dichloroethane	<0.13	<0.13	<0.12	<0.12	<0.14	<0.14	<0.12	<0.13	<0.14	<0.13	<0.13	<0.68	<0.26	<2.5
TO-15 SIM	cis-1,2-Dichloroethylene	<0.13	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.13	<0.12	<0.67	<0.26	<2.4
	trans-1,2-Dichloroethylene	<0.65	<0.64	<0.6	<0.59	<0.67	<0.67	<0.6	<0.65	<0.67	<0.65	<0.63	<3.3	<1.3	<12
	Tetrachloroethylene(PCE)	<0.22	<0.22	<0.21	<0.2	<0.23	<0.23	<0.21	<0.22	<0.23	<0.22	<0.21	<1.1	<0.44	<4.1
	Trichloroethylene(TCE)	<0.18	<0.17	0.54	10	15	15	<0.16	<0.18	<0.18	<0.18	<0.17	<0.90	<0.35	<3.3
Vinyl Chloride		<0.042	<0.041	<0.039	<0.038	<0.043	<0.043	<0.039	<0.042	<0.043	<0.042	<0.040	<0.21	<0.084	<0.78
															0.28

Bold Concentration - Indicates analyte was detected at a concentration above the compound-specific laboratory detection limit

Bold & Shaded Concentration - Indicates analyte was detected at a concentration above the screening level

TO-15 - Compound was analyzed using EPA Method TO-15 by Air Toxics analytical laboratory in Folsom, CA

TO-15 SIM - Compound was analyzed using EPA Method TO-15 Select Ion Monitoring (SIM) by Air Toxics analytical laboratory in Folsom, CA

(a) No MTCA Method B carcinogenic air cleanup level has been established for the indicated compound. The MTCA Method B non-carcinogenic value was selected as the screening level

E - Indicates that the value exceeds the instrument calibration range.

J - Indicates that the value is between the reporting limit and the method detection limit. The value is an estimate.

NR - The CLARC database indicated that MTCA Method B air cleanup levels were not researched for the indicated compound

NI - The indicated compound was not listed in the CLARC database and no cleanup level information was available

* - Indicates that sample is a duplicate of the sample in the preceding column

-- Compound was not included in the list of compounds analyzed in the indicated analysis

Table 18
Whitney Chevrolet Building
Summary of Soil Gas and Air Analytical Data in $\mu\text{g}/\text{m}^3$
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

		Air ^(a)							Soil Gas ^(b)													
Analyte		BG-IA-1 (Background)	BG-IA-3 (Background)	WC-IA-1	WC-IA-2	WC-IA-3	WC-IA-4*	Screening Level for Indoor Air MTCA Method B Indoor Air Cleanup Level	DPT-22	DPT-39	DPT-40	DPT-41	DPT-42	DPT-43	DPT-44SG	DPT-45SG	DPT-46SG	DUP-2*	DPT-47SG	DPT-48SG	Screening Level for Soil Gas (10X MTCA Method B Indoor Air Cleanup Level)	
Potential Fuel-Related Compounds	Benzene ^{(d)(e)}	0.47	0.63	12	5.3	6.9	6.8	0.32	48	14	20	27	38	<1.1	39	18	34	37	19	93	3.2	
	1,3-Butadiene	<0.36	<0.36	0.91	<0.33	<0.37	<0.37	0.08	--	--	--	--	--	--	--	--	--	--	--	--	0.8	
	n-Butylbenzene	--	--	--	--	--	--	NR	<8.6	<8.6	<8.6	16	15	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	NR	
	sec-Butylbenzene	--	--	--	--	--	--	NR	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	NR	
	tert- Butylbenzene	--	--	--	--	--	--	NR	<11.7	<11.7	<11.7	17	<11.7	<11.7	<11.7	<11.7	<11.7	12	15	<11.7	NR	
	Cyclohexane	<0.56	<0.55	3.4	2.9	3.1	3.1	NR	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	Ethanol	2.3	2	20	190 E	170 E	160 E	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	Ethylbenzene ^(d)	<0.14	0.24	16	6.3	7.9	7.7	460 ^(c)	11	<8.9	<8.9	26	46	<8.9	10	<8.9	<8.9	54	105	700	4,600 ^(c)	
	4-Ethyltoluene	<0.81	<0.79	7.6	3.1	4.4	3.9	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	Ethylene Dibromide(EDB) ^(e)	<1.3	<1.2	<1.2	<1.1	<1.3	<1.3	0.011	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	0.11
	Ethylene Dichloride(EDC) ^{(d)(e)}	<0.13	<0.13	0.16	0.13	<0.14	<0.14	0.096	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	0.96
	Heptane	<0.67	<0.66	35	16	22	21	NR	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	Hexane	<0.58	<0.57	7.8	8.1	9.8	9.7	320 ^(c)	--	--	--	--	--	--	--	--	--	--	--	--	--	3,200 ^(c)
	Isopropylbenzene	<0.81	<0.79	<0.75	<0.73	<0.82	<0.82	180 ^(c)	<9.9	<9.9	<9.9	12	19	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	77	1,800 ^(c)
	Isopropyltoluene	--	--	--	--	--	--	NI	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	NI
	Naphthalenes ^(e)	<4.3	<4.2	1.6 J	0.84 J	1.2 J	1.0 J	1.4 ^(c)	11	36	32	21	19	<1.8	9	35	11	18	8	8	14 ^(c)	
	2-Propanol	<2	<2	7.7	68	76	59	NR	--	--	--	--	--	--	--	--	--	--	--	--	--	NR
	n-Propylbenzene	<0.81	<0.79	1.8	0.9	1.2	1.2	NR	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	43	NR
	Toluene ^(d)	0.7	1.6	43	26	26	26	2,200 ^(c)	51	16	<13.1	126	280	100	58	44	80	114	50	191	22,000 ^(c)	
	1,2,4-Trimethylbenzene ^(e)	<0.81	<0.79	8.7	3.7	5.2	4.3	2.7 ^(c)	9	7	4	13	19	<1.2	31	<1.2	15	30	<1.2	20	27 ^(c)	
	1,3,5-Trimethylbenzene ^(e)	<0.81	<0.79	2.6	1.2	1.4	1.2	2.7 ^(c)	4	3	<1.2	<1.2	<1.2	<1.2	7	<1.2	6	17	5	21	27 ^(c)	
	2,2,4-Trimethylpentane	<3.8	<3.8	<3.6	<3.5	<3.9	5.3	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	m,p-Xylene ^(d)	0.31	0.77	53	20	27	25	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	o-Xylene ^(d)	<0.14	0.26	17	6.4	8.3	8	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	Total Xylenes ^(d)	0.31	1.03	70	26.4	35.3	33	46 ^(c)	61	<31	<31	275	178	51	61	58	34	150	38	2,750	460 ^(c)	
Non-Fuel Related Compounds	Acetone	5.5	8.4	27	18	12	14	NR	--	--	--	--	--	--	--	--	--	--	--	--	NR	
	2-Butanone	0.86	1.5	4.2	2	1.8	2.5	460 ^(c)	--	--	--	--	--	--	--	--	--	--	--	--	4,600 ^(c)	
	Carbon Disulfide	<2.6	<2.5	<2.4	2.7	<2.6	<2.6	320 ^(c)	--	--	--	--	--	--	--	--	--	--	--	--	3,200 ^(c)	
	Chloromethane	0.86	0.84	0.9	1.2	0.98	1.1	1.4	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	14	
	1,4-Dichlorobenzene	<0.99	<0.97	2.6	2.9	3	2.5	370 ^(c)	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	3,700 ^(c)	
	1,1-Dichloroethane ^(d)	<0.13	<0.13	<0.12	<0.12	<0.14	<0.14	320 ^(c)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	3,200 ^(c)	
	cis-1,2-Dichloroethylene ^(d)	<0.13	<0.13	<0.12	<0.12	<0.13	<0.13	16 ^(c)	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	160 ^(c)	
	trans-1,2-Dichloroethylene ^(d)	<0.65	<0.64	<0.6	<0.59	<0.67	<0.67	32 ^(c)	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	320 ^(c)	
	Freon-11	1.2	1.1	1.2	1.2	1.2	1.1	320 ^(c)	--	--	--	--	--	--	--	--	--	--	--	--	3,200 ^(c)	
	Freon-12	2.2	2.2	2.3	2.1	2.3	2.1	NI	--	--	--	--	--	--	--	--	--	--	--	--	NI	
	Methylene Chloride	<1.1	<1.1	3	2.2	1.7	1.7	5.3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	53	
	4-Methyl-2-Pentanone	<0.67	<0.66	0.7	2	2.4	0.99	NI	--	--	--	--	--	--	--	--	--	--	--	--	--	NI
	Tetrachloroethylene(PCE) ^{(d)(e)}	<0.22	<0.22	<0.21	<0.2	<0.23	<0.23	0.42	<1	<1	<1	<1	<1	<1	<1	<1	210	240	<1	47	4.2	
	1,1,1-Trichloroethane	<0.18	<0.18	<0.16	<0.16	<0.18	<0.18	4,800 ^(c)	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	48,000 ^(c)
	Trichloroethylene(TCE) ^{(d)(e)}	<0.18	<0.17	0.54	10	15	15	0.1	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	1
	Vinyl Chloride ^{(d)(e)}	<0.042	<0.041	<0.039	<0.038	<0.043	<0.043	0.28	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	2.8

Bold - Indicates analyte was detected at a concentration above the compound-specific laboratory detection limit
Bold & Shaded - Indicates analyte was detected at a concentration above the Screening Level for the applicable media
(a) Air samples analyzed by Air Toxics Laboratory using EPA Method TO-15 unless otherwise indicated
(b) Soil gas samples analyzed by Libby Environmental using EPA Method 8260 unless otherwise indicated
(c) No MTCA Method B Carcenogenic Air Cleanup Level has been established for the indicated compound. The MTCA Method B Non-Carcinogenic value was selected as the Screening Level
(d) Analyzed using EPA Method TO-15 Select Ion Monitoring (SIM)
(e) Analyzed using EPA Method 8260 SIM
E - Indicates that the value exceeds the instrument calibration range.
J - Indicates that the value is between the reporting limit and the method detection limit. The value is an estimate
-- Compound was not included in the list of compounds analyzed in the indicated analysis
NR - The CLARC database indicated that MTCA Method B air cleanup levels were not researched for the indicated compound
NI - The indicated compound was not listed in the CLARC database and no cleanup level information was available
* - Indicates that sample is a duplicate of the sample in the preceding column

Table 19
Sterling Savings Bank Building
Summary of Soil Gas and Air Analytical Data in $\mu\text{g}/\text{m}^3$
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Analyte	Air ^(a)				Soil Gas ^(b)											
	BG-IA-2 (Background)	SSB-IA-1	SSB-IA-2	SSB-IA-3	Screening Level MTCA Method B Air Cleanup Level	DPT-22SG	DPT-23SG	DPT-24SG	DPT-25SG	DUP-3*	DPT-26SG	DPT-27SG	DPT-28SG	DPT-29SG	Screening Level for Soil Gas (10X MTCA Method B Indoor Air Cleanup Level)	
Potential Fuel-Related Compounds	Benzene ^{(d)(e)}	1.4	0.74	1.6	1.5	0.32	48	16	16	38	54	42	16	29	20	3.2
	1,3-Butadiene	<0.34	<0.36	<0.37	<0.36	0.08	--	--	--	--	--	--	--	--	--	0.8
	n-Butylbenzene	--	--	--	--	NR	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	NR
	sec-Butylbenzene	--	--	--	--	NR	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	NR
	tert- Butylbenzene	--	--	--	--	NR	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	NR
	Cyclohexane	<0.52	12	1.4	1.3	NR	--	--	--	--	--	--	--	--	--	NR
	Ethanol	4.1	45	610 E	600 E	NI	--	--	--	--	--	--	--	--	--	NI
	Ethylbenzene ^(d)	0.63	0.45	0.73	0.74	460 ^(e)	11	<8.9	<8.9	<8.9	<8.9	<8.9	24	24	12	4,600 ^(e)
	4-Ethyltoluene	<0.75	<0.81	<0.82	<0.81	NI	--	--	--	--	--	--	--	--	--	NI
	Ethylene Dibromide(EDB) ^(d)	<1.2	<1.3	<1.3	<1.3	0.011	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	0.11
	Ethylene Dichloride(EDC) ^{(d)(e)}	<0.12	0.94	0.27	0.28	0.096	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<8.9	<0.92	16	0.96
	Heptane	1.2	18	2.7	2.4	NR	--	--	--	--	--	--	--	--	--	NR
	Hexane	0.74	57	6.2	5.6	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)
	Isopropylbenzene	<0.75	<0.81	<0.82	<0.81	180 ^(e)	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	1,800 ^(e)
	Isopropyltoluene	--	--	--	--	NI	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	<11.4	NI
	Naphthalenes ^(e)	<4.0	<4.3	<4.4	<4.3	1.4 ^(e)	11	11	15	19	13	8	11	11	13	14 ^(e)
	2-Propanol	2.1	9.3	21	20	NR	--	--	--	--	--	--	--	--	--	NR
	n-Propylbenzene	<0.75	<0.81	<0.82	<0.81	NR	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	NR
	Toluene ^(d)	3.6	2.1	4	3.9	2,200 ^(e)	51	57	17	29	79	68	60	92	72	22,000 ^(e)
1,2,4-Trimethylbenzene ^(e)	<0.75	<0.81	0.84	0.83	2.7 ^(e)	9	7	7	31	15	6	7	6	10	27 ^(e)	
1,3,5-Trimethylbenzene ^(e)	<0.75	<0.81	<0.82	<0.81	2.7 ^(e)	4	4	5	8	5	3	5	3	4	27 ^(e)	
2,2,4-Trimethylpentane	<3.6	21	<3.9	<3.8	NI	--	--	--	--	--	--	--	--	--	NI	
m,p-Xylene ^(d)	2	1.4	2.3	2.3	NI	--	--	--	--	--	--	--	--	--	NI	
o-Xylene ^(d)	0.72	0.53	0.84	0.87	NI	--	--	--	--	--	--	--	--	--	NI	
Total Xylenes ^(d)	2.72	1.93	3.14	3.17	46 ^(e)	61	61	<31.0	<31.0	51	45	119	78	85	460 ^(e)	
Non-Fuel Related Compounds	Acetone	6.6	6.6	20	10	NR	--	--	--	--	--	--	--	--	--	NR
	2-Butanone	1.2	1.2	2.7	0.9	460 ^(e)	--	--	--	--	--	--	--	--	--	4,600 ^(e)
	Carbon Disulfide	<2.4	<2.6	<2.6	<2.6	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)
	Chloromethane	0.82	0.84	1	0.94	1.4	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	14
	1,4-Dichlorobenzene	<0.91	<0.99	<1	<0.99	370 ^(e)	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	3,700 ^(e)
	1,1-Dichloroethane ^(d)	<0.12	<0.13	<0.14	<0.13	320 ^(e)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	3,200 ^(e)
	cis-1,2-Dichloroethylene ^(d)	<0.12	<0.13	<0.13	<0.13	16 ^(e)	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	160 ^(e)
	trans-1,2-Dichloroethylene ^(d)	<0.6	<0.65	<0.67	<0.65	32 ^(e)	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	320 ^(e)
	Freon-11	1.2	1.1	1.1	1.1	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)
	Freon-12	2.2	2.2	2.1	2.2	NI	--	--	--	--	--	--	--	--	--	NI
	Methylene Chloride	<1	<1.1	<1.2	<1.1	5.3	<500	<500	<500	<500	<500	<500	<500	<500	<500	53
	4-Methyl-2-Pentanone	<0.62	<0.67	<0.69	<0.67	NI	--	--	--	--	--	--	--	--	--	NI
	Tetrachloroethylene(PCE) ^{(d)(e)}	<0.21	<0.22	<0.23	<0.22	0.42	<1	<1	<1	<1	<1	<1	<1	5	17	4.2
	1,1,1-Trichloroethane	<0.16	<0.18	0.46	0.44	4,800 ^(e)	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	48,000 ^(e)
	Trichloroethylene(TCE) ^{(d)(e)}	<0.16	<0.18	<0.18	<0.18	0.1	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	1
Vinyl Chloride ^{(d)(e)}	<0.039	<0.042	<0.043	<0.042	0.28	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	2.8	

Bold - Indicates analyte was detected at a concentration above the compound-specific laboratory detection limit
Bold & Shaded - Indicates analyte was detected at a concentration above the screening level
(a) Air samples analyzed by Air Toxics Laboratory using EPA Method TO-15 unless otherwise indicated
(b) Soil gas samples analyzed by Libby Environmental using EPA Method 8260 unless otherwise indicated
(c) No MTCA Method B Carcinogenic Air Cleanup Level has been established for the indicated compound. The MTCA Method B Non-Carcinogenic value was selected as the screening level
(d) Analyzed using EPA Method TO-15 Select Ion Monitoring (SIM)
(e) Analyzed using EPA Method 8260 SIM
E - Indicates that the value exceeds the instrument calibration range.
-- Compound was not included in the list of compounds analyzed in the indicated analysis
NR - The CLARC database indicated that MTCA Method B air cleanup levels were not researched for the indicated compound
NI - The indicated compound was not listed in the CLARC database and no cleanup level information was available
* - Indicates that sample is a duplicate of the sample in the preceding column

Table 20
Charlie's Bar/VFW Building
Summary of Soil Gas and Air Analytical Data in $\mu\text{g}/\text{m}^3$
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Analyte	Air ^(a)						Soil Gas ^(b)								Screening Level for Soil Gas (10X MTCA Method B Indoor Air Cleanup Level)		
	BG-IA-4 (Background)	VFW-IA-1	VFW-IA-2	CH-IA-1	CH-IA-2	Screening Level MTCA Method B Air Cleanup Level	DPT-30SG	DPT-31SG	DPT-32SG	DPT-33SG	DPT-34SG	DUP-1*	DPT-35SG	DPT-36SG		DPT-39SG	
Potential Fuel-Related Compounds	Benzene ^{(c)(e)}	1.3	2.2	2.1	<4.8	0.8	0.32	28	17	36	24	26	340	34	4	14	3.2
	1,3-Butadiene	<0.35	<1.8	<0.72	<6.7	<0.38	0.08	--	--	--	--	--	--	--	--	--	0.8
	n-Butylbenzene	--	--	--	--	--	NR	<8.6	<8.6	<8.6	17	<8.6	<8.6	<8.6	<8.6	<8.6	NR
	sec-Butylbenzene	--	--	--	--	--	NR	<12.5	<12.5	<12.5	21	<12.5	<12.5	<12.5	<12.5	<12.5	NR
	tert- Butylbenzene	--	--	--	--	--	NR	<11.7	<11.7	<11.7	31	<11.7	<11.7	<11.7	<11.7	<11.7	NR
	Cyclohexane	<0.54	<2.9	<1.1	<10	4.3	NR	--	--	--	--	--	--	--	--	--	NR
	Ethanol	4.1	3,900 E	760 E	5,600 E	86	NI	--	--	--	--	--	--	--	--	--	NI
	Ethylbenzene ^(d)	0.63	<0.73	0.36	<2.6	0.2	460 ^(e)	<8.9	<8.9	9	21	26	10	13	78	<8.9	4,600 ^(e)
	4-Ethyltoluene	<0.78	<4.1	<1.6	<15	<0.84	NI	--	--	--	--	--	--	--	--	--	NI
	Ethylene Dibromide(EDB) ^(e)	<1.2	<6.4	<2.5	<23	<1.3	0.011	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	0.11
	Ethylene Dichloride(EDC) ^{(d)(e)}	<0.13	<0.68	<0.26	<2.5	<0.14	0.096	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<0.92	0.96
	Heptane	0.87	<3.4	<1.3	<12	3.8	NR	--	--	--	--	--	--	--	--	--	NR
	Hexane	0.75	4.1	2.5	<11	14	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)
	Isopropylbenzene	<0.78	<4.1	<1.6	<15	<0.84	180 ^(e)	<9.9	<9.9	<9.9	31	<9.9	<9.9	<9.9	23	<9.9	1,800 ^(e)
	Isopropyltoluene		--	--	--	--	NI	<11.4	<11.4	<11.4	29	<11.4	<11.4	13	<11.4	<11.4	NI
	Naphthalenes ^(e)	<4.1	<22	<8.6	<80	<4.5	1.4 ^(e)	35	200	11	18	13	14	23	26	36	14 ^(e)
	2-Propanol	<1.9	<10	<4.0	<37	<2.1	NR	--	--	--	--	--	--	--	--	--	NR
	n-Propylbenzene	<0.78	<4.1	<1.6	<15	<0.84	NR	<10.8	<10.8	<10.8	37	<10.8	<10.8	<10.8	<10.8	<10.8	NR
	Toluene ^(d)	3.4	5.2	2.8	4.2	1.3	2,200 ^(e)	<13.1	170	55	33	76	81	64	220	16	22,000 ^(e)
1,2,4-Trimethylbenzene ^(e)	<0.78	<4.1	<1.6	<15	<0.84	2.7 ^(e)	17	13	10	20	51	15	21	9	7	27 ^(e)	
1,3,5-Trimethylbenzene ^(e)	<0.78	<4.1	<1.6	<15	<0.84	2.7 ^(e)	4	5	5	6	<1.2	10	<1.2	20	3	27 ^(e)	
2,2,4-Trimethylpentane	<3.7	<20	<7.7	<71	<4.0	NI	--	--	--	--	--	--	--	--	--	NI	
m,p-Xylene ^(d)	2	<1.4	0.8	<5.3	0.53	NI	--	--	--	--	--	--	--	--	--	NI	
o-Xylene ^(d)	0.71	<0.73	0.3	<2.6	0.19	NI	--	--	--	--	--	--	--	--	--	NI	
Total Xylenes ^(d)	2.71	NA	1.1	NA	0.72	46 ^(e)	<31.0	62	62	80	179	141	95	230	<31	460 ^(e)	
Acetone	2.7	24	25	<36	4.9	NR	--	--	--	--	--	--	--	--	--	NR	
2-Butanone	<0.46	3.3	4.2	<9	0.94	460 ^(e)	--	--	--	--	--	--	--	--	--	4,600 ^(e)	
Carbon Disulfide	<2.5	<13	<5.1	<47	<2.7	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)	
Chloromethane	0.88	2.3	2.2	<6.3	0.72	1.4	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	14	
1,4-Dichlorobenzene	<0.95	720	100	82	35	370 ^(e)	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7	3,700 ^(e)	
1,1-Dichloroethane ^(d)	<0.13	<0.68	<0.26	<2.5	<0.14	320 ^(e)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	3,200 ^(e)	
cis-1,2-Dichloroethylene ^(d)	<0.12	<0.67	<0.26	<2.4	<0.14	16 ^(e)	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	<11.3	160 ^(e)	
trans-1,2-Dichloroethylene ^(d)	<0.63	<3.3	<1.3	<12	<0.68	32 ^(e)	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	<11.7	320 ^(e)	
Freon-11	1.1	5.9	2.9	18	2.4	320 ^(e)	--	--	--	--	--	--	--	--	--	3,200 ^(e)	
Freon-12	2.2	10	5.1	32	4.1	NI	--	--	--	--	--	--	--	--	--	NI	
Methylene Chloride	<1.1	<5.8	<2.3	<21	2.1	5.3	<500	<500	<500	<500	<500	<500	<500	<500	<500	53	
4-Methyl-2-Pentanone	<0.65	<3.4	<1.3	<12	<0.7	NI	--	--	--	--	--	--	--	--	--	NI	
Tetrachloroethylene(PCE) ^{(d)(e)}	<0.21	<1.1	<0.44	<4.1	0.33	0.42	<1	14	<1	<1	<1	<1	<1	<1	<1	4.2	
1,1,1-Trichloroethane	<0.17	1.5	1.1	<3.3	0.8	4,800 ^(e)	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	48,000 ^(e)	
Trichloroethylene(TCE) ^{(d)(e)}	<0.17	<0.90	<0.35	<3.3	<0.18	0.1	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	1	
Vinyl Chloride ^{(d)(e)}	<0.040	<0.21	<0.084	<0.78	<0.044	0.28	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	2.8	

Bold - Indicates analyte was detected at a concentration above the compound-specific laboratory detection limit

Bold & Shaded - Indicates analyte was detected at a concentration above the screening level

(a) Air samples analyzed by Air Toxics Laboratory using EPA Method TO-15 unless otherwise indicated

(b) Soil gas samples analyzed by Libby Environmental using EPA Method 8260 unless otherwise indicated

(c) No MTCA Method B Carcinogenic Air Cleanup Level has been established for the indicated compound. The MTCA Method B Non-Carcinogenic value was selected as the screening level

(d) Analyzed using EPA Method TO-15 Select Ion Monitoring (SIM)

(e) Analyzed using EPA Method 8260 SIM

E - Indicates that the value exceeds the instrument calibration range.

-- Compound was not included in the list of compounds analyzed in the indicated analysis

NR - The CLARC database indicated that MTCA Method B air cleanup levels were not researched for the indicated compound

NI - The indicated compound was not listed in the CLARC database and no cleanup level information was available

* - Indicates that sample is a duplicate of the sample in the preceding column

Table 21
Summary of Requested Soil and Ground Water Analyses
for Samples Collected During Monitoring Well Installation
Supplemental Remedial Investigation
Whitney's Chevrolet
123 W. Pioneer Ave., Montesano, Washington

Monitoring Well ID	Date Collected	Sample Depth (in feet)	Sample Type	GRPH by Ecology Method NWTPH-Gx	GRPH and ORPH by NWTPH-HCID	VOCs by EPA Method 8260B	BTEX by EPA Method 8021B	Dissolved Lead by EPA Method 7421
ESMW-1	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-1	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-2	12/12/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-3	12/12/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-4	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-5	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
WCMW-6	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
KBMW-1	12/13/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-2	12/13/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-3	12/13/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-4	12/11/09	5	Soil	--	X	--	--	--
	12/11/09	13	Soil	--	--	X	X	--
	12/11/09	14.5	Soil	--	--	X	--	--
	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
KBMW-5	12/13/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-6	12/10/09	10	Soil	--	X	X	--	--
	12/10/09	15	Soil	--	X	X	--	--
	12/13/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-7	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
KBMW-8	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
KBMW-9	12/11/09	5	Soil	--	X	X	X	--
	12/11/09	10	Soil	--	X	X	X	--
	12/11/09	13	Soil	X	--	X	X	--
	12/11/09	14.5	Soil	--	--	X	--	--
	12/14/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
KBMW-10	12/11/09	10	Soil	--	--	X	X	--
	12/11/09	13	Soil	--	--	X	X	--
	12/14/09	Ground Water	Water	X	--	X	X	X
	1/18/10	Ground Water	Water	X	--	X	--	--
ESMW-7	12/13/09	Ground Water	Water	X	--	X	X	X
	1/19/10	Ground Water	Water	X	--	X	--	--
TSSMW-2	1/18/10	Ground Water	Water	X	--	X	--	--
TSSMW-5	1/18/10	Ground Water	Water	X	--	X	--	--
TSSMW-6	1/18/10	Ground Water	Water	X	--	X	--	--
TSSMW-7	1/18/10	Ground Water	Water	X	--	X	--	--
TSSMW-8	1/18/10	Ground Water	Water	X	--	X	--	--
TSSMW-9	1/18/10	Ground Water	Water	X	--	X	--	--

Notes:

GRPH = Gasoline-range petroleum hydrocarbons.

DRPH = Diesel-range petroleum hydrocarbons

ORPH = Oil-range petroleum hydrocarbons.

NWTPH-HCID = Northwest Total Petroleum Hydrocarbons, Hydrocarbon Identification

VOCs = Volatile organic compounds, including benzene, toluene, ethylbenzene, total xylenes, (BTEX).

X = analyzed

-- = not analyzed

Table 22
Summary of Ground Water Analytical Results For
Samples Collected from Monitoring Wells (in µg/L)
Whitney's Chevrolet
Supplemental Remedial Investigation
123 W. Pioneer Ave., Montesano, Washington

		Contaminants of Potential Concern (COPCs)																				Other Detected Compounds					
Sample No.	Date Collected	GRPH ^(a)	Benzene ^(b)	Benzene ^(c)	Toluene ^(b)	Toluene ^(c)	Ethylbenzene ^(b)	Ethylbenzene ^(c)	Total Xylenes ^(b)	Total Xylenes ^(c)	Naphthalenes ^(b)	1,3,5-Trimethylbenzene ^(b)	1,2,4-Trimethylbenzene ^(b)	1,2-Dibromoethane (EDB) ^(b)	1,2-Dichloroethane (EDC) ^(b)	Trichloroethylene (TCE) ^(b)	Tetrachloroethylene (PCE) ^(b)	Vinyl Chloride ^(b)	Dissolved Lead ^(d)	Chloroform ^(b)	Isopropylbenzene ^(b)	n-Propylbenzene ^(b)	tert-Butylbenzene ^(b)	sec-Butylbenzene ^(b)	Isopropyltoluene ^(b)	n-Butylbenzene ^(b)	
		Monitoring Wells Associated With Whitney Chevrolet Site																									
WCMW-1	12/13/2009	9,600	7.9	180	84.4	220	58.6	280	816	970	121	216	938	<0.01	<1	<1	24.6	<0.2	8.9	<1	<4	84.2	125	600	7	33.2	
	1/19/10	5,040	98.3	--	125	--	134	--	900	--	70.5	208	209	<0.01	<1	<1	34.1	<0.2	--	<1	8.9	7.3	<1	<1	5.9	10.9	
MWDUP-3		4,910	117	--	98.5	--	120	--	1,330	--	87.7	211	240	<0.01	<1	<1	35	<0.2	--	<1	9.1	9.1	<1	<1	7.2	19	
WCMW-2	12/12/2009	52,000	1,020	890	4,350	3,400	1,970	1,600	10,000	7,500	322	732	1,970	<0.01	<1	<1	23.7	<0.2	22	<1	108	336	<1	39.7	16	29.5	
	1/19/10	41,400	2,490	--	14,700	--	6,490	--	29,500	--	340	1,240	4,910	<0.01	<1	<1	41.9	<0.2	--	<1	186	606	663	32.1	20.4	62.2	
WCMW-3	12/12/2009	41,000	575	680	2,190	2,700	118	1,200	6,450	6,500	171	508	1,060	<0.01	<1	<1	27.1	<0.2	28	<1	<4	8.5	331	602	21.3	14.9	
	1/19/10	26,300	2,370	--	11,000	--	4,710	--	23,400	--	554	1,090	3,510	<0.01	<1	<1	25.5	<0.2	--	<1	144	489	477	33.3	26.7	64.7	
WCMW-4	12/13/2009	26,000	115	170	2,040	1,300	266	268	5,460	4,100	12.6	940	703	<0.01	<1	<1	24	<0.2	14	<1	<4	86.1	117	7.3	5.5	4.7	
	1/19/10	16,900	167	--	3,330	--	1,660	--	8,150	--	324	408	1,530	<0.01	<1	<1	27.5	<0.2	--	<1	55.7	201	<1	16.4	9.4	26.3	
WCMW-5	12/13/2009	7,900	267	200	274	260	39.7	40	1,440	1,100	57.3	166	236	<0.01	<1	<1	13.7	<0.2	7.6	<1	<4	1.7	33.2	3.9	1.9	5.5	
	1/19/10	6,890	593	--	1,290	--	1,070	--	4,960	--	174	428	1,240	<0.01	<1	<1	14.4	<0.2	--	<1	44.7	17.8	165	892	9.9	19.1	
WCMW-6	12/13/2009	<100	<1	<1	<1	<2	<1	<1	<2	<3	<5	<1	<1	<0.01	<1	<1	4.7	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/19/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	3.5	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
MWDUP-2		<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	4	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
KBMW-1	12/13/2009	<100	<1	1.1	<1	<2	<1	<1	<2	<3	<5	<1	<1	<0.01	<1	<1	9.3	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/18/10	<100	9.8	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	9.8	<0.2	--	<1	<4	<1	<1	5.6	<1	<1	
KBMW-2	12/13/2009	38,000	553	450	5,750	3,500	<1	910	8,110	4,700	228	561	1,460	<0.01	<1	<1	9.2	<0.2	5.9	<1	<4	178	<1	<1	14.1	16.2	
	1/18/10	27,500	709	--	8,310	--	2,200	--	10,300	--	282	805	2,520	<0.01	<1	<1	<1	<0.2	--	<1	66.7	323	<1	19.6	16.9	49.4	
KBMW-3	12/13/2009	200	10	8.6	3.5	<2	<1	2.1	3.8	4.2	<5	<1	3	<0.01	<1	<1	<1	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/18/10	160	10.9	--	9.1	--	<1	--	4.2	--	5.3	1.8	5.4	<0.01	<1	<1	<1	<0.2	--	<1	4.6	1.4	<1	1.3	<1	<1	
KBMW-4	12/13/2009	24,000	279	340	431	340	1,390	1,200	4,340	3,800	195	506	1,570	<0.01	<1	<1	4.2	<0.2	5.7	<1	81.5	369	<1	37.2	11	59.3	
	1/19/10	25,400	565	--	1,140	--	1,800	--	6,300	--	200	575	1,760	<0.01	<1	<1	<1	<0.2	--	<1	60	251	204	14.2	16.7	30.1	
KBMW-5	12/13/2009	<100	<1	<1	<1	<2	<1	<1	<2	<3	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/18/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	<1	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
KBMW-6	12/13/2009	<100	<1	<1	<1	<2	<1	<1	<2	<3	<5	<1	<1	<0.01	<1	<1	<1	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/18/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	<1	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
KBMW-7	12/13/2009	800	11.6	14	4.1	3.7	<1	9.2	13.1	16	16	46.3	3.6	<0.01	<1	<1	9.1	<0.2	<5	<1	<4	<1	<1	<1	<1	1.4	
	1/19/10	1,090	8.5	--	13	--	146	--	352	--	39.5	70	195	<0.01	<1	<1	6.8	<0.2	--	<1	27.2	63.1	<1	5.4	3.6	9.8	
KBMW-8	12/13/2009	2,700	54.4	64	8.9	17.9	<1	74	147	191	<5	38.2	52.2	<0.01	<1	<1	2.8	4.5	<0.2	<5	<1	<4	<1	<1	<1	<1	
MWDUP-2	12/13/2009	4,000	64.5	73	20.8	51	6.8	120	262	400	<5	39.9	27.2	<0.01	<1	<1	3.7	<0.2	<5	<1	<4	<1	<1	<1	<1	5.4	
KBMW-8	1/19/10	223	21.8	--	48.4	--	19.5	--	76.2	--	38.7	16.4	46.4	<0.01	<1	<1	3.9	<0.2	--	<1	6	11.1	<1	2	<1	2.9	
KBMW-9	12/14/2009	37,000	516	460	3,850	2,500	1,900	1,400	9,100	6,100	479	484	1,460	<0.01	<1	<1	1.8	<0.2	8.2	<1	93	218	200	37	15.3	36.3	
	1/18/10	24,900	778	--	6,290	--	3,760	--	17,000	--	370	857	3,040	<0.01	<1	<1	2	<0.2	--	<1	84	420	411	24.5	11.9	39.7	
KBMW-10	12/14/2009	<100	<1	<1	<1	<2	<1	<1	<2	<3	<5	<1	<1	<0.01	<1	<1	5.9	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
	1/18/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	4.2	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
ESMW-1	12/13/2009	800	11.3	14	8.2	5.4	1.1	8	29.6	17	<5	10.4	7.8	<0.01	<1	<1	<1	<0.2	<5	<1	<4	<1	<1	<1	2.8	<1	
MWDUP-1		650	8.8	13	<1	4.6	<1	7.6	12.1	16	<5	14.1	4.8	<0.01	<1	<1	<1	<0.2	<5	<1	<4	<1	<1	<1	<1	<1	
ESMW-1	1/19/10	658	10.9	--	10.2	--	3.5	--	32.2	--	28.2	15.3	150	<0.01	<1	<1	<1	<0.2	--	<1	13.4	22.1	<1	5.8	6.4	4	
MWDUP-1		695	10.9	--	10.4	--	3.2	--	29.5	--	29.1	14.4	154	<0.01	<1	<1	<1	<0.2	--	1.3	13.8	24.1	20.6	7.6	<1	4.5	
ESMW-7	12/13/2009	3,600	76.5	85	30.2	55	5.1	250	680	990	<5	33.2	53.3	<0.01	<1	<1	6.4	<0.2	<5	<1	<4	<1	<1	<1	7.1	<1	
	1/19/10	1,990	127	--	39.5	--	292	--	649	--	32.1	40.2	173	<0.01	<1	<1	<1	<0.2	--	<1	12.4	22	<1	<1	1.8	<1	

Table 22
Summary of Ground Water Analytical Results For
Samples Collected from Monitoring Wells (in µg/L)
Whitney's Chevrolet
Supplemental Remedial Investigation
123 W. Pioneer Ave., Montesano, Washington

		Contaminants of Potential Concern (COPCs)																				Other Detected Compounds					
Sample No.	Date Collected	GRPH ^(a)	Benzene ^(b)	Benzene ^(c)	Toluene ^(b)	Toluene ^(c)	Ethylbenzene ^(b)	Ethylbenzene ^(c)	Total Xylenes ^(b)	Total Xylenes ^(c)	Naphthalenes ^(b)	1,3,5-Trimethylbenzene ^(b)	1,2,4-Trimethylbenzene ^(b)	1,2-Dibromomethane(EDB) ^(b)	1,2-Dichloroethane (EDC) ^(b)	Trichloroethylene(TCE) ^(b)	Tetrachloroethylene(PCE) ^(b)	Vinyl Chloride ^(b)	Dissolved Lead ^(f)	Chloroform ^(b)	Isopropylbenzene ^(b)	n-Propylbenzene ^(b)	tert-Butylbenzene ^(b)	sec-Butylbenzene ^(b)	Isopropyltoluene ^(b)	n-Butylbenzene ^(b)	
		Monitoring Wells Associated With Tony's Short Stop Site (315 South Main Street, Montesano, WA)																									
TSSMW-2	1/18/10	92,100	22,300	--	66,700	--	10,700	--	47,600	--	99	2,290	7,810	<0.01	<1	<1	<4	<0.2	--	<1	200	957	1,070	<1	8.3	42.2	
TSSMW-4	1/18/10	0.08' SEPARATE-PHASE HYDROCARBONS (SPH)																									
TSSMW-5	1/18/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	<1	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
TSSMW-6	1/18/10	<100	<1	--	<1	--	<1	--	<2	--	<5	<1	<1	<0.01	<1	<1	4.4	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
TSSMW-7	1/18/10	107	2.3	--	<1	--	1.4	--	17	--	<5	<1	7	<0.01	<1	<1	2	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
TSSMW-8	1/18/10	125	1.4	--	<1	--	9.3	--	<2	--	<5	<1	<1	<0.01	<1	<1	<1	<0.2	--	<1	<4	<1	<1	<1	<1	<1	
TSSMW-9	1/18/10	1,700	173	--	82	--	97.5	--	1,190	--	96.9	57.1	203	<0.01	<1	<1	<1	<0.2	--	<1	26.3	48.9	26.5	6.1	2.3	7.4	
MTCA Method A Ground Water Cleanup Level		800/ 1,000 ^(e)	5		1,000		700		1,000		20	NVE	NVE	0.01	5	5	5	0.2	15	NVE	NVE	NVE	NVE	NVE	NVE	NVE	
MTCA Method B Ground Water Cleanup Level (non carcinogenic)		NA	NA		NA		NA		NA		400	400	NA	NA	NA	NA	NA	NA	7.2 ^(f)	800	NVE	NVE	NVE	NVE	NVE	NVE	

Bolded - indicates the analyte was detected above the compound-specific laboratory detection limit
Bolded and Shaded - indicates the detected concentration exceeds the MTCA Method A and/or B Ground Water Cleanup Level
(a) Analyzed using Ecology Method NWTPH-Gx
(b) Analyzed using EPA Method 8260B
(c) Analyzed using EPA Method 8021B
(d) Analyzed using EPA Method 7421
(e) Ground water cleanup level for GRPH is 800 µg/L when benzene is present in the sample; 1,000 µg/L when benzene is not detected.
(f) The carcinogenic MTCA Method B Ground Water Cleanup Level was selected as the screening level
NA - Indicates that the Method B value was not applicable since the MTCA Mehod A value was selected as the screening level
-- Indicates compound was not analyzed for the indicated analysis
NVE - No value established
GRPH - Gasoline-range petroleum hydrocarbons

Figures

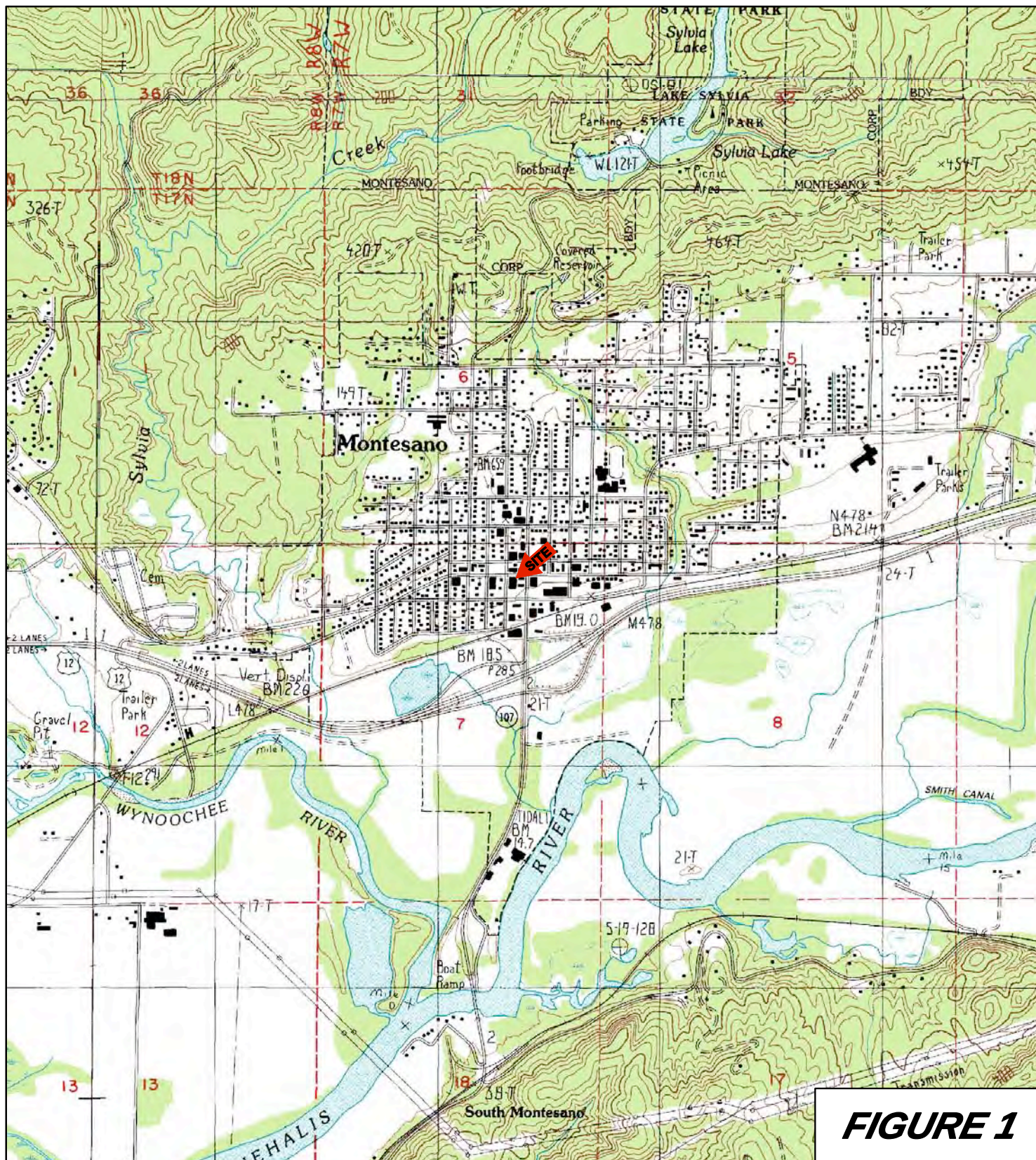


FIGURE 1

KEY:

SOURCE: USGS 7.5 MINUTE QUADRANGLE
(TOPOGRAPHIC)

MONTESANO, WASH.
1983; REVISED 1986

CENTRAL PARK, WASH.
1983; REVISED 1986

WYNOOCHEE VALLEY SW, WASH.
1987; REVISED 1990

PRICES PEAK, WASHINGTON
1987; REVISED 1990

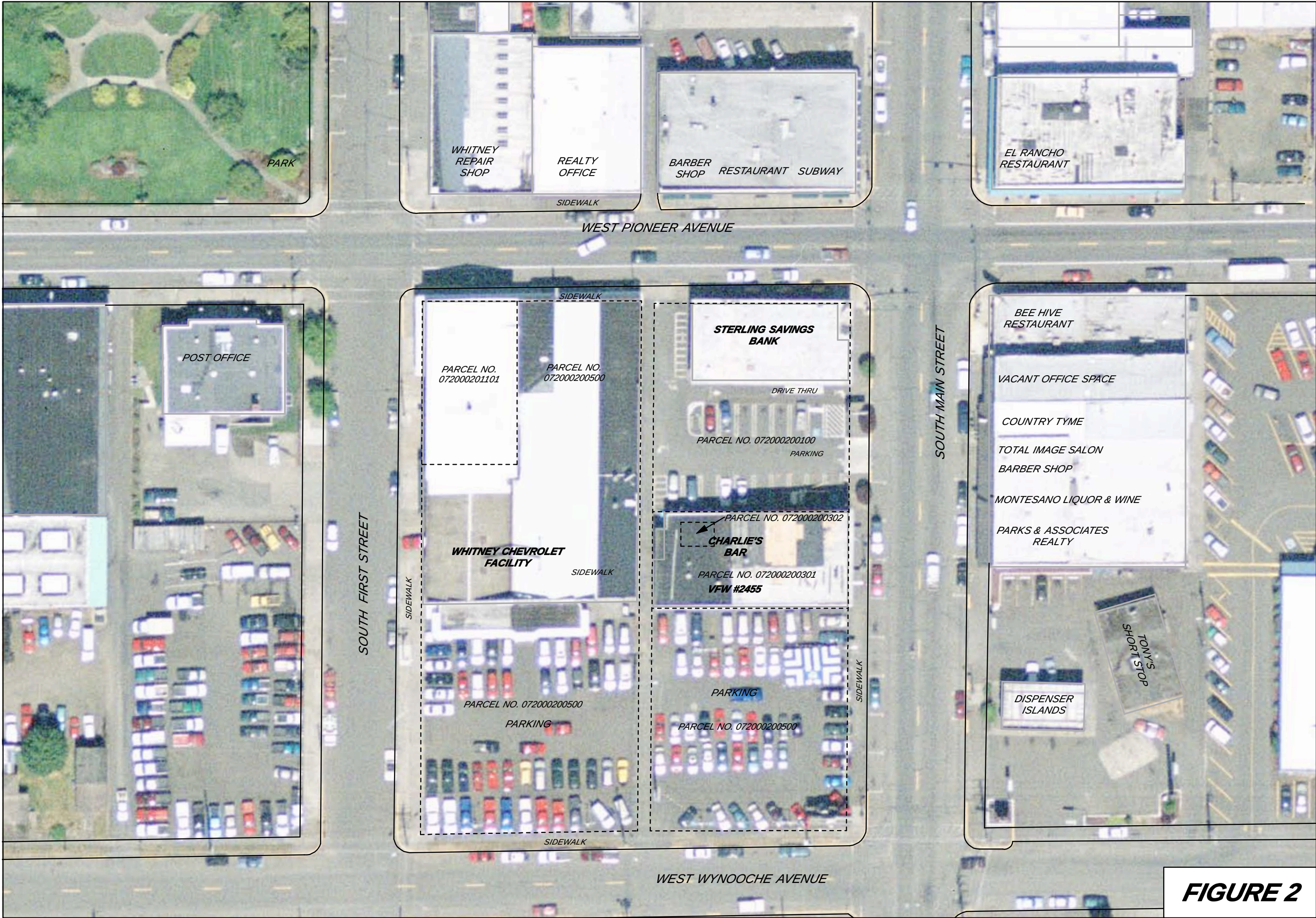
SCALE: 1" = 24,000'

epl ENVIRONMENTAL
PARTNERS INC
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

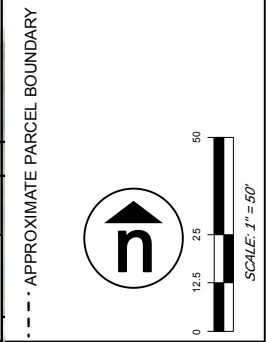
FIGURE 1

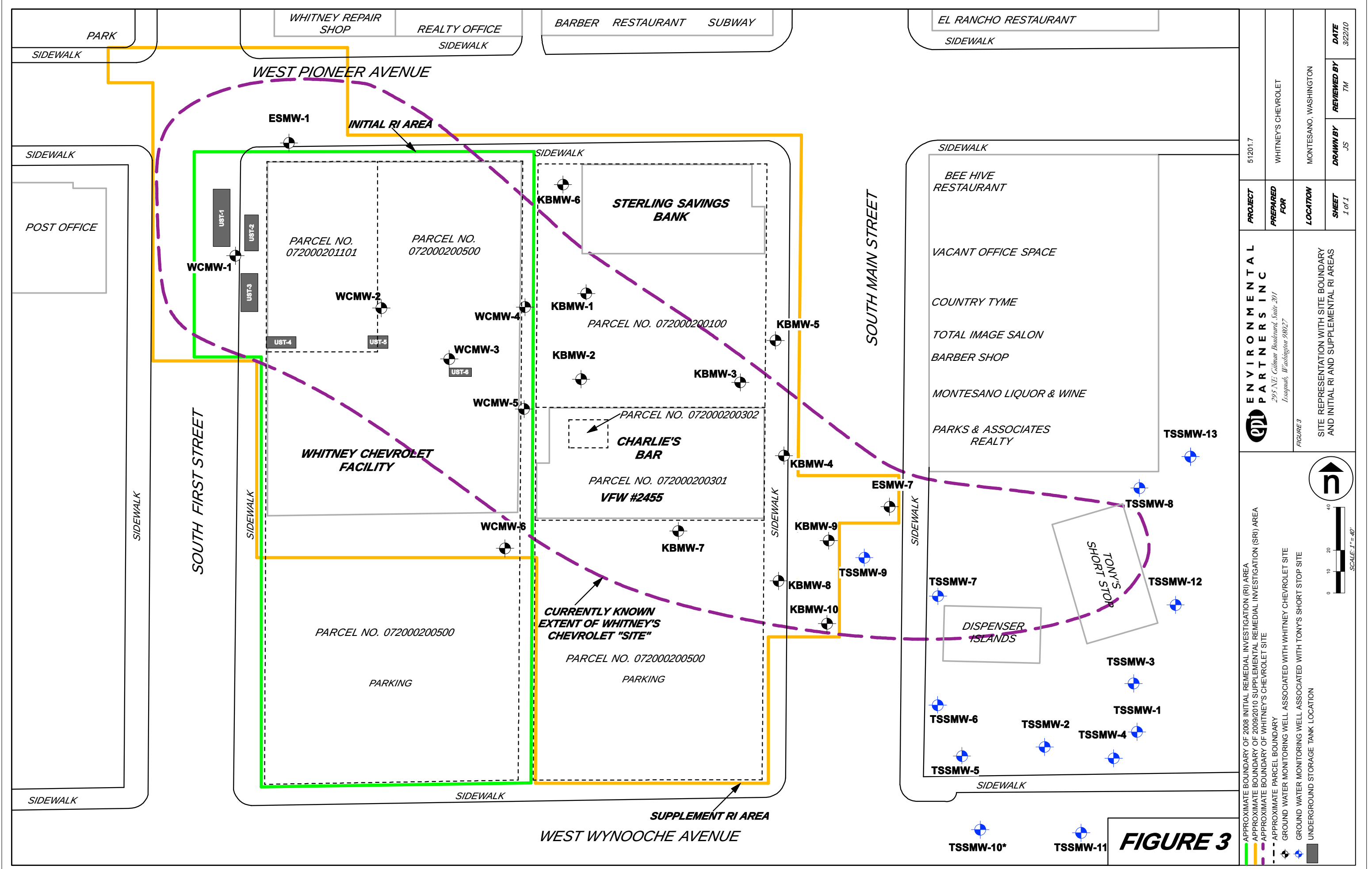
GENERAL VICINITY MAP

PROJECT	51201.7		
PREPARED FOR	WHITNEY'S CHEVROLET		
LOCATION	MONTESANO, WASHINGTON		
SHEET 1 of 1	DRAWN BY ARM	REVIEWED BY TCM	DATE 3/22/10



 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	123 WEST PIONEER AVENUE MONTESANO, WASHINGTON
FIGURE 2	SHEET	1 of 1
	DRAWN BY	JS
SITE REPRESENTATION		REVIEWED BY TM
		DATE 3/22/10

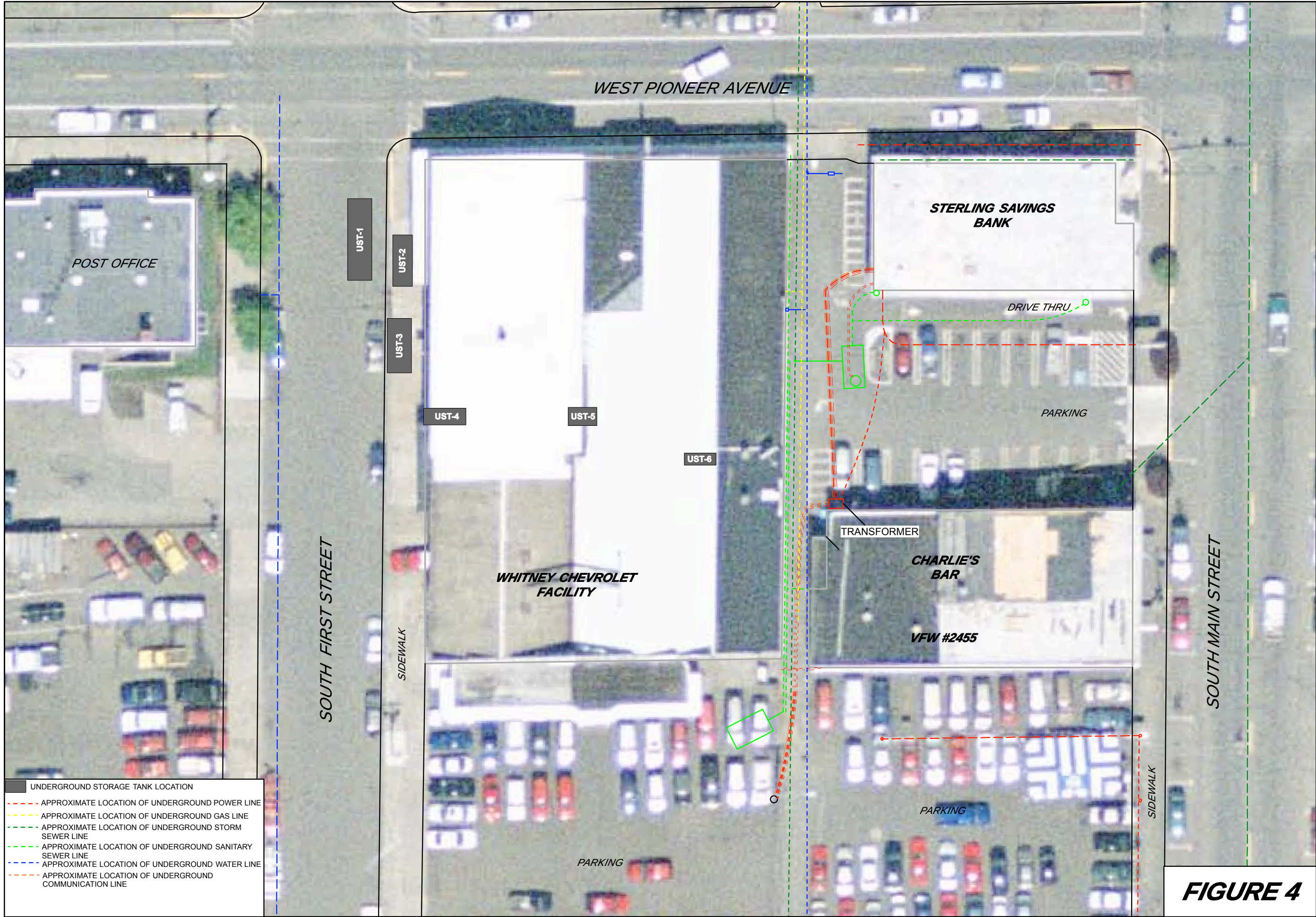




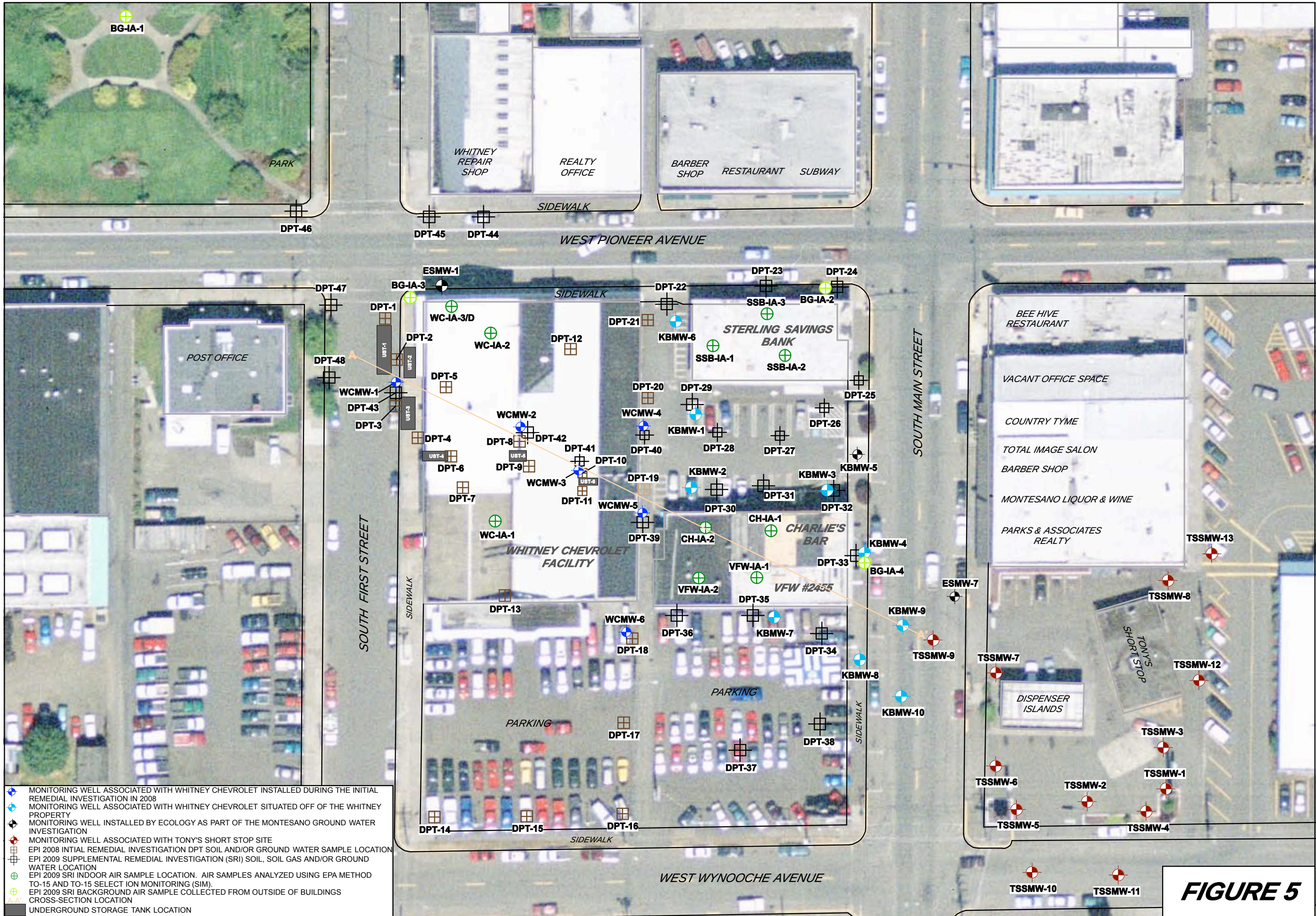
PROJECT	51201.7	
	PREPARED FOR	WHITNEY'S CHEVROLET
LOCATION	MONTESANO, WASHINGTON	
	DRAWN BY	JS
SHEET	1 of 1	
	REVIEWED BY	TM
DATE	3/22/10	

ENVIRONMENTAL PARTNERS INC
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 3
SITE REPRESENTATION WITH SITE BOUNDARY AND INITIAL RI AND SUPPLEMENTAL RI AREAS

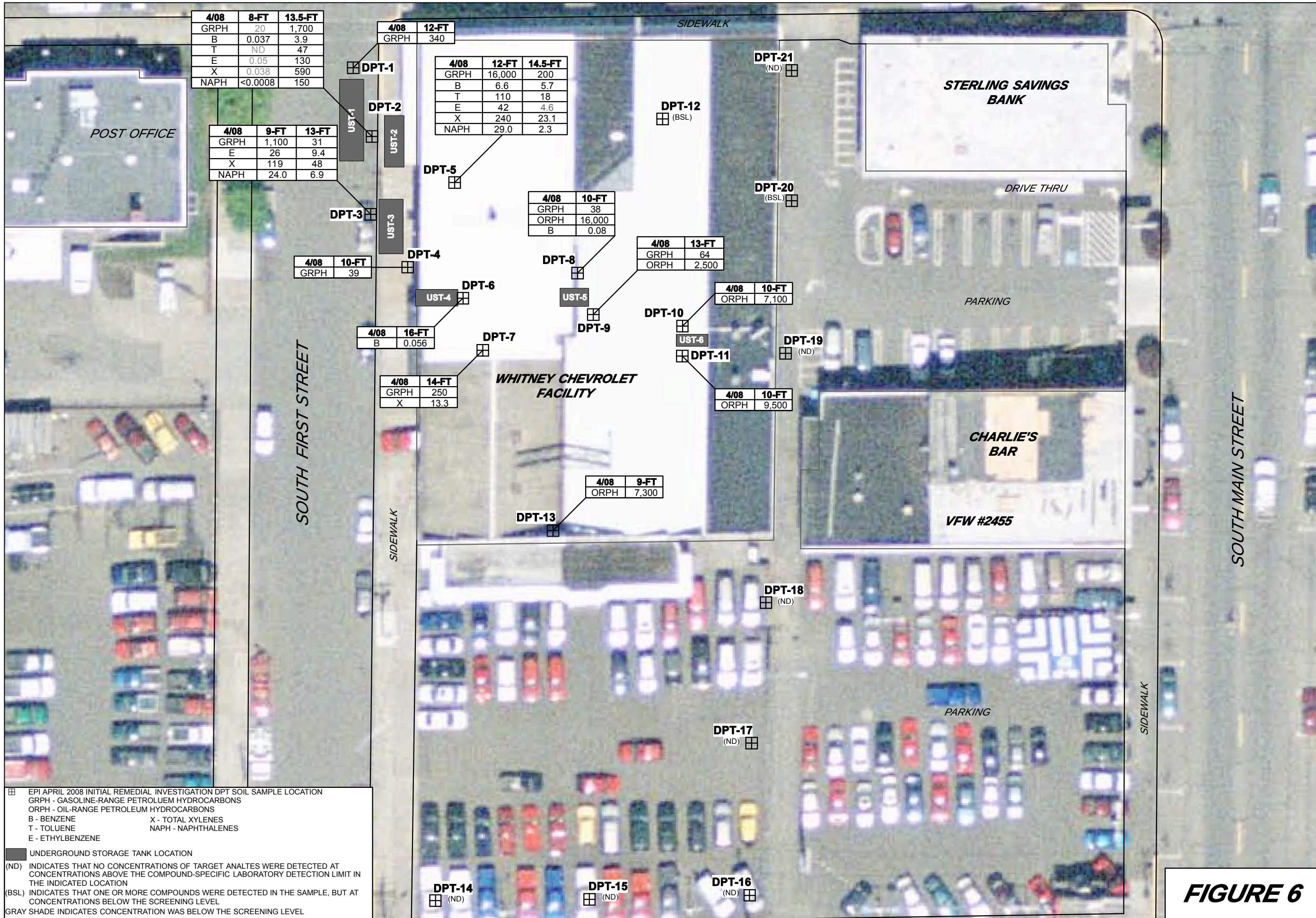


 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
	SHEET 1 of 1	DRAWN BY JS
FIGURE 4 SITE REPRESENTATION WITH UNDERGROUND UTILITY LOCATIONS	REVIEWED BY TM	DATE 3/22/10



ENVIRONMENTAL PARTNERS INC 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027 FIGURE 5	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	123 WEST PIONEER AVENUE MONTESANO, WASHINGTON
SITE REPRESENTATION WITH INITIAL RI AND SUPPLEMENTAL RI SOIL, SOIL GAS, GROUND WATER AND AIR SAMPLE LOCATIONS	SHEET	1 of 1
	DRAWN BY	JS
	REVIEWED BY	TM
	DATE	3/22/10

FIGURE 5



PROJECT

51201.7

PREPARED FOR

WHITNEY'S CHEVROLET

LOCATION

MONTESANO, WASHINGTON

SHEET

1 of 1

DATE

3/22/10

ENVIRONMENTAL PARTNERS INC

295 NE Gilman Boulevard, Suite 201
Tualuma, Washington 98027

FIGURE 6

INITIAL RI SOIL DATA
DETECTED COMPOUNDS EXCEEDING SCREENING
LEVELS DPT-1 THROUGH DPT-21
(MILLIGRAMS/KILOGRAM)

FIGURE 6

INITIAL RI SOIL DATA
DETECTED COMPOUNDS EXCEEDING SCREENING
LEVELS DPT-1 THROUGH DPT-21
(MILLIGRAMS/KILOGRAM)

0

7.5

15

30

SCALE: 1" = 30'

FIGURE 6

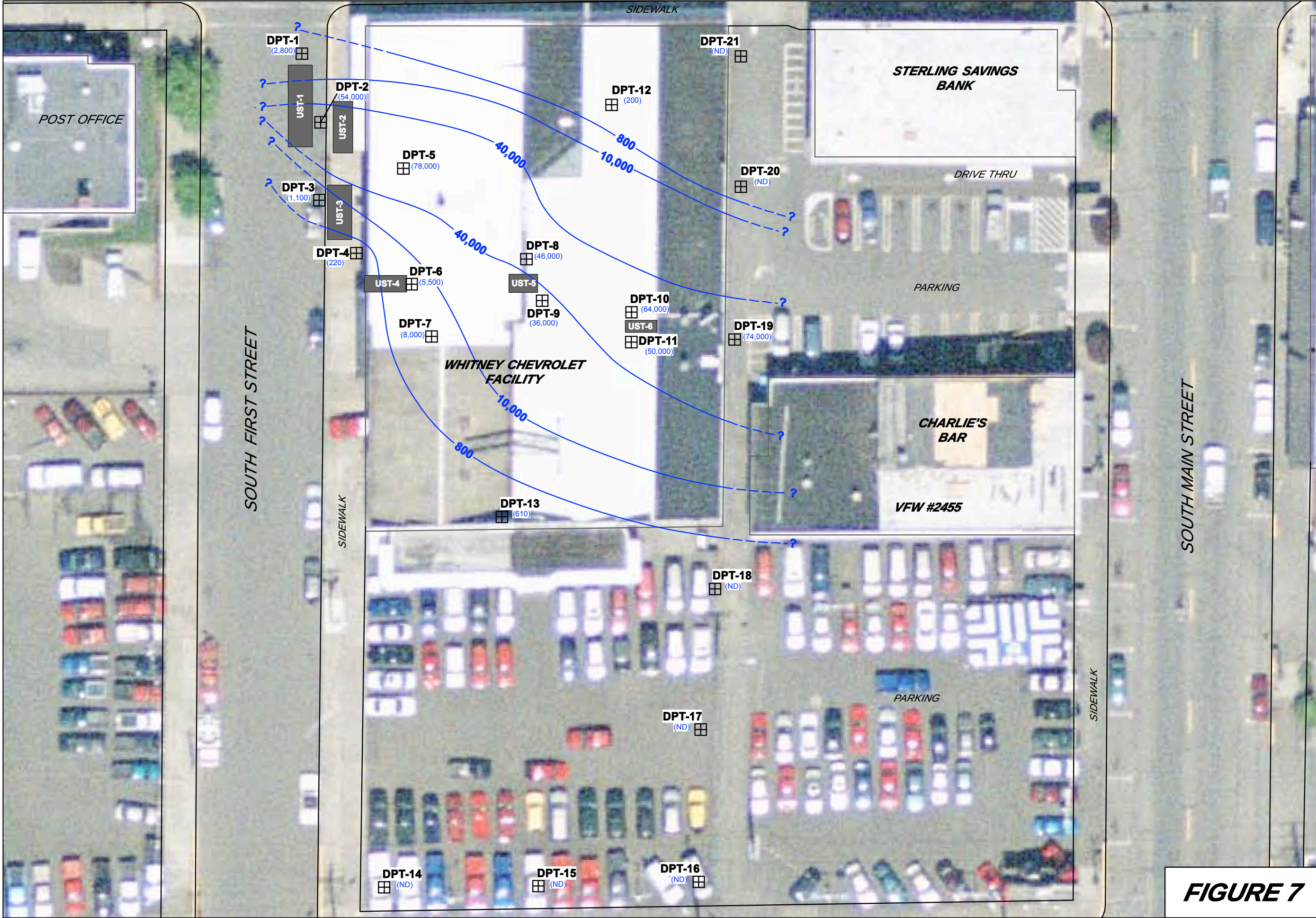


FIGURE 7

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
FIGURE 7 GASOLINE-RANGE PETROLEUM HYDROCARBON ISOCONCENTRATION CONTOURS FOR INITIAL RI DPT BORINGS (MICROGRAMS/LITER) APRIL, 2008	SHEET	1 of 1
	DRAWN BY	ARM
	REVIEWED BY	JS
	DATE	3/22/10

2008 INITIAL RI DPT BORING LOCATION
GASOLINE-RANGE PETROLEUM HYDROCARBON (GRPH) CONCENTRATION CONTOUR:
QUERIED WHERE UNCERTAIN

GRPH CONCENTRATION OBSERVED IN GROUND WATER IN DPT BORINGS
IN APRIL 2008 IN MICROGRAMS/LITER

UNDERGROUND STORAGE TANK (UST) LOCATION
INDICATES THAT GRPH WAS NOT DETECTED AT A CONCENTRATION ABOVE
THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT

0 7.5 15 30
SCALE: 1"= 30'



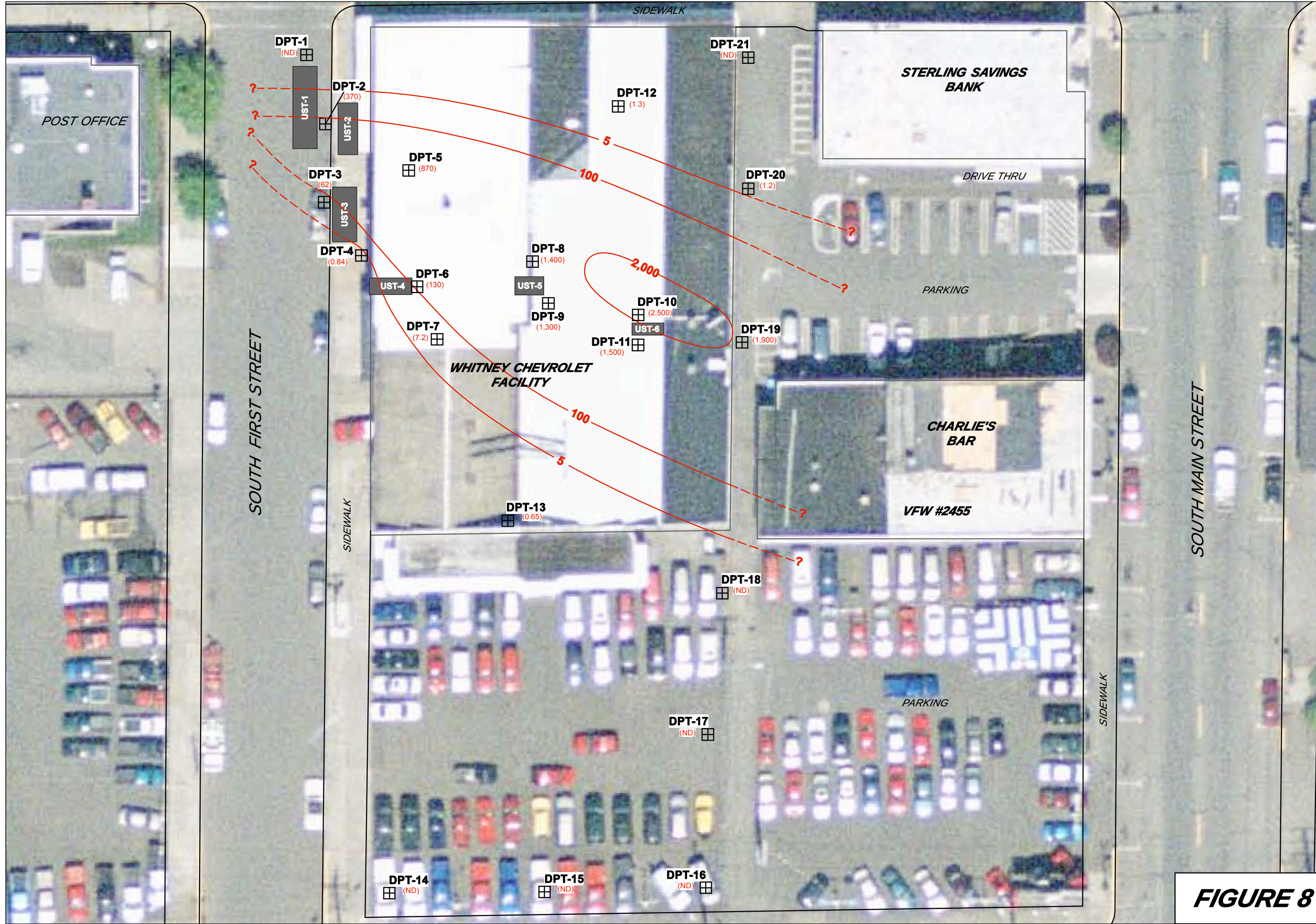


FIGURE 8

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
BENZENE ISOCENTRATION CONTOURS FOR INITIAL RI DPT BORINGS (MICROGRAMS/LITER) APRIL, 2008	SHEET	1 of 1
	DRAWN BY	ARM
BENZENE ISOCENTRATION CONTOURS FOR INITIAL RI DPT BORINGS (MICROGRAMS/LITER) APRIL, 2008	REVIEWED BY	JS
	DATE	3/22/10

2008 INITIAL RI DPT BORING LOCATION
BENZENE CONCENTRATION CONTOUR, QUERIED WHERE UNCERTAIN
BENZENE CONCENTRATION OBSERVED IN GROUND WATER IN APRIL, 2008 IN MICROGRAMS/LITER
UNDERGROUND STORAGE TANK (UST) LOCATION
INDICATES THAT BENZENE WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT

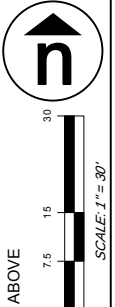


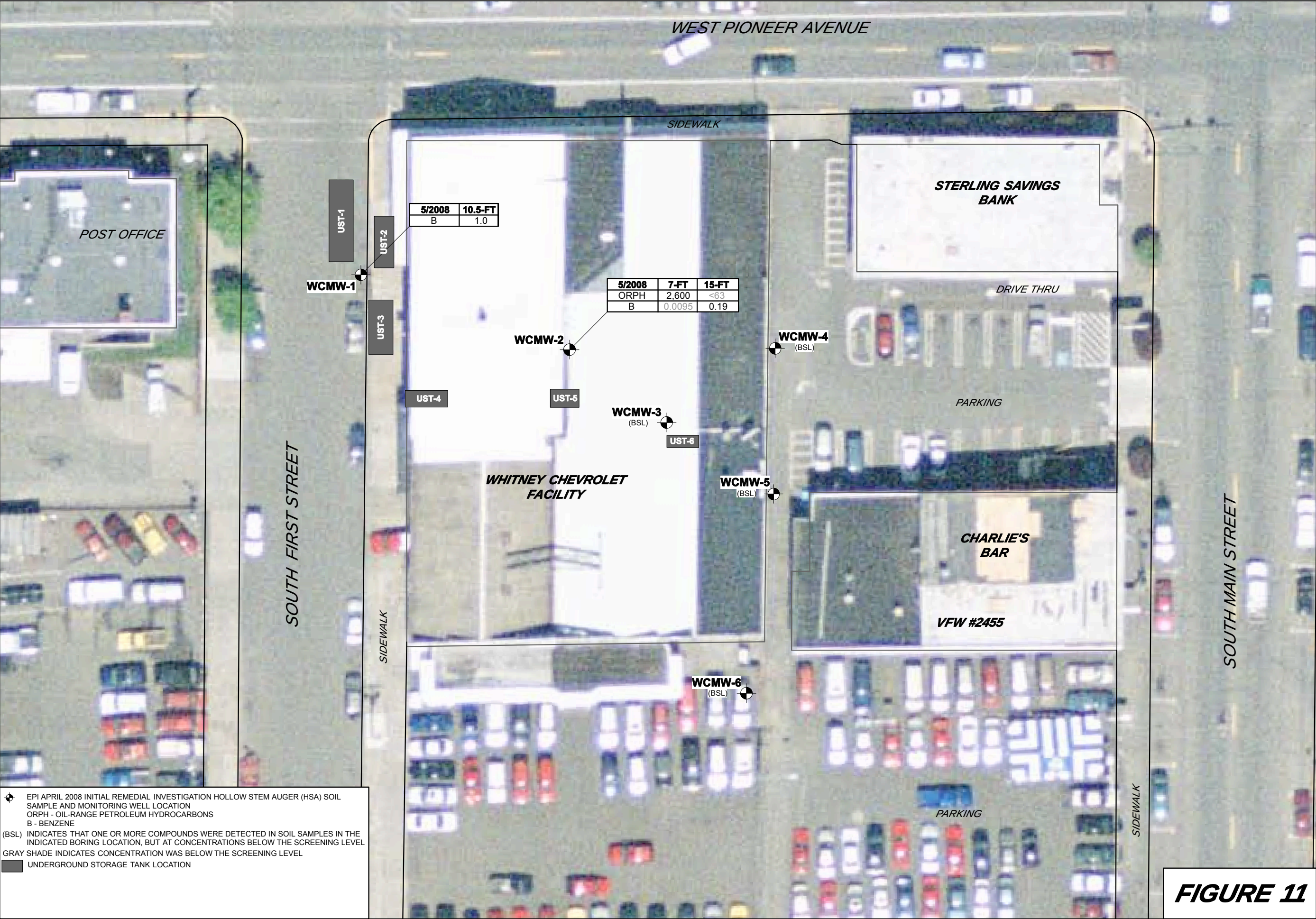


FIGURE 9

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Ipswich, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
FIGURE 9 PCE ISOCONCENTRATION CONTOURS FOR INITIAL RI DPT BORINGS (MICROGRAMS/LITER) APRIL, 2008	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
		DRAWN BY ARM
		REVIEWED BY JS
		DATE 3/22/10



ENVIRONMENTAL PARTNERS INC 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027 FIGURE 10	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
PIEZOMETRIC CONTOURS JULY 1, 2008	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE	DRAWN BY	ARM
	REVIEWED BY	JS
PIEZOMETRIC CONTOUR GENERATED FROM DATA OBTAINED ON JULY 1, 2008	DATE	3/22/10
	SCALE	1" = 30'



ENVIRONMENTAL PARTNERS INC 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
FIGURE 11 INITIAL RI SOIL DATA DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS HSA BORINGS WCMW-1 THROUGH WCMW-6 (MILLIGRAMS/KILOGRAM)	DATE	3/22/10
	REVIEWED BY	JS
	DRAWN BY	ARM
	DATE	3/22/10

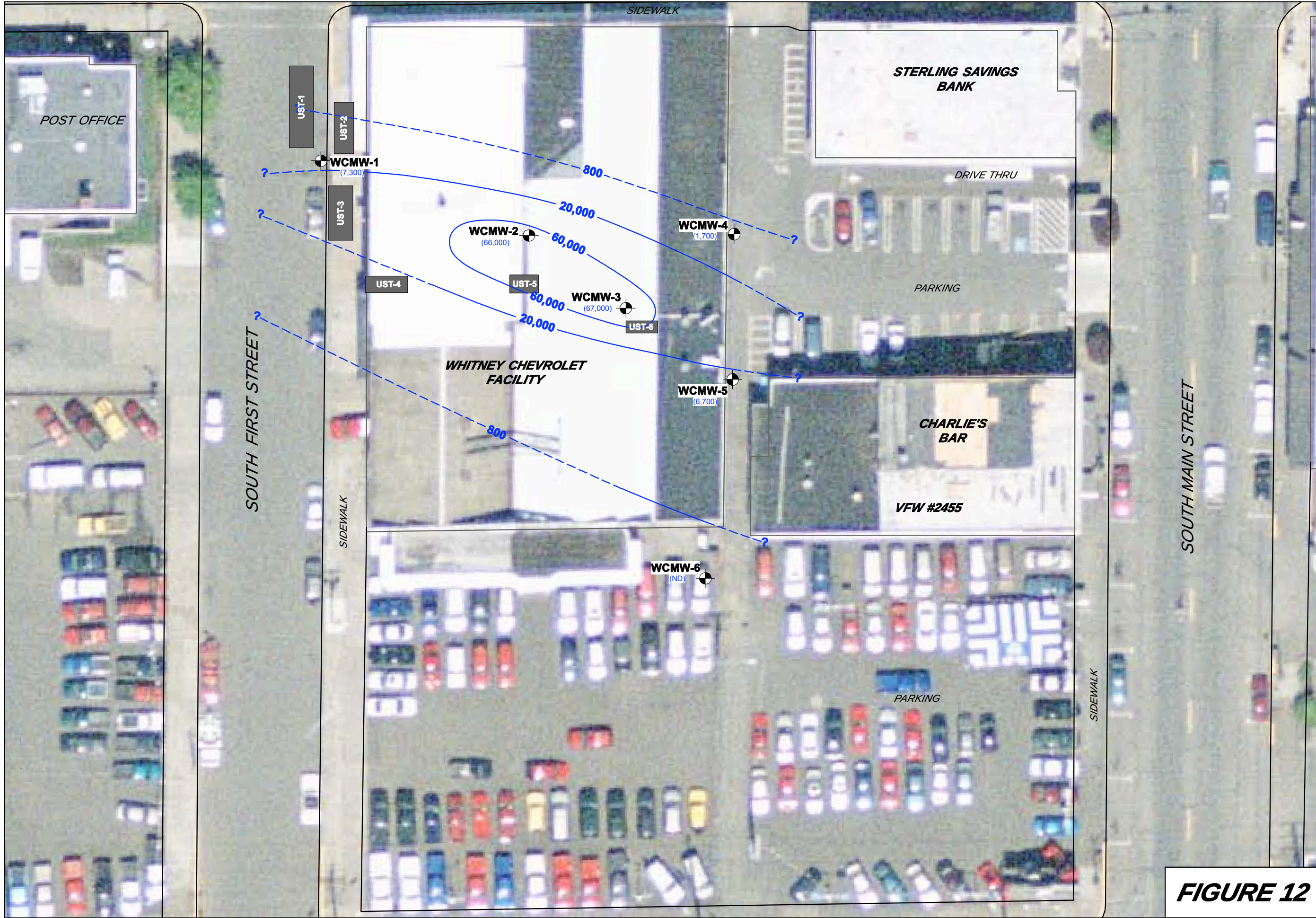


FIGURE 12

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualatin, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
FIGURE 12 GASOLINE-RANGE PETROLEUM HYDROCARBON ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) JULY, 2008	SHEET	1 of 1
	DRAWN BY	ARM
	REVIEWED BY	JS
	DATE	3/22/10

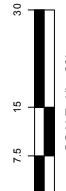
MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE

GASOLINE-RANGE PETROLEUM HYDROCARBON (GRPH) CONCENTRATION CONTOUR, QUERIED WHERE UNCERTAIN

GRPH CONCENTRATION OBSERVED IN MONITORING WELLS IN JULY 2008 IN MICROGRAMS/LITER

UNDERGROUND STORAGE TANK (UST) LOCATION

INDICATES THAT GRPH WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT



SCALE: 1" = 30'

0

(6,700)

ND

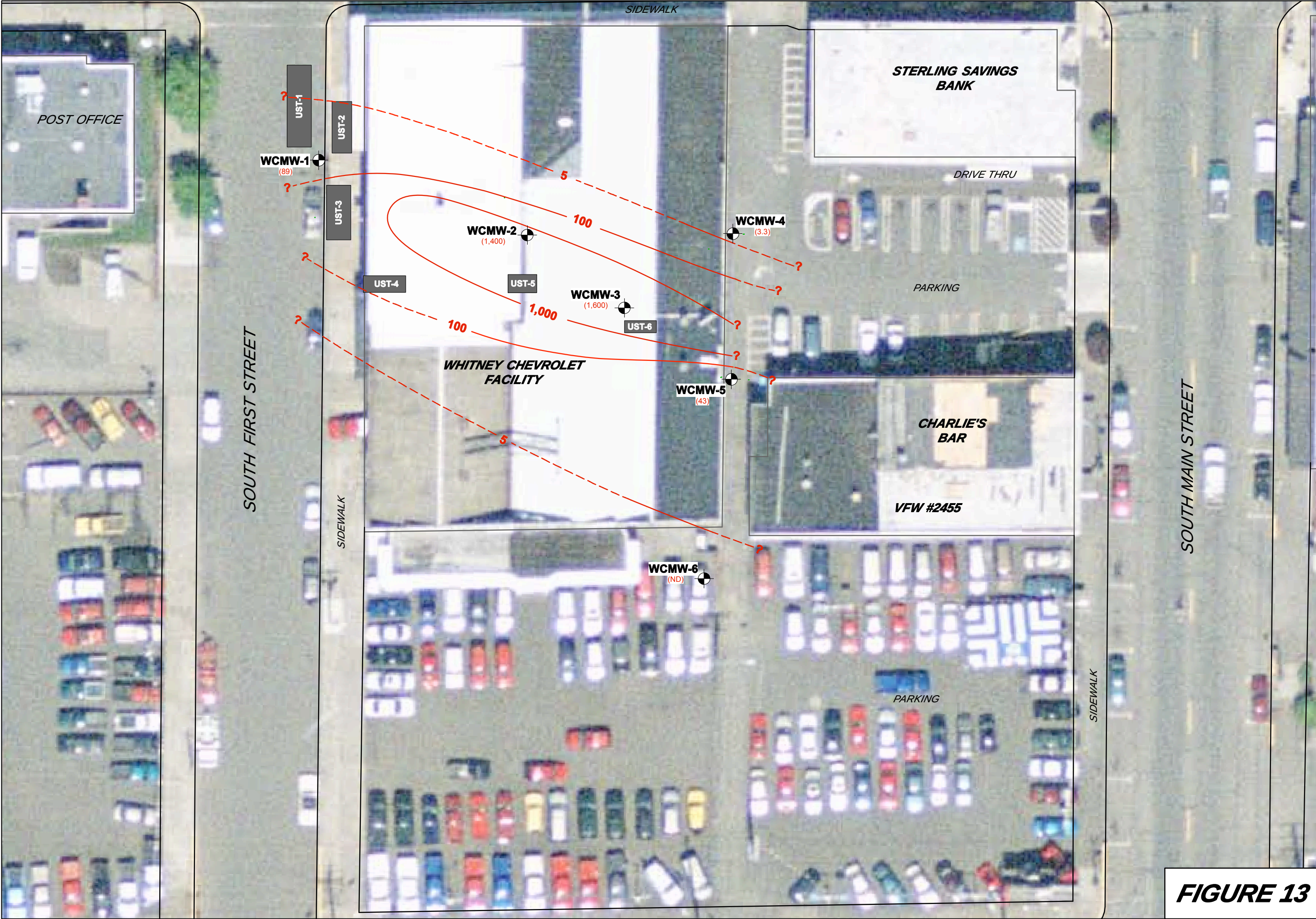


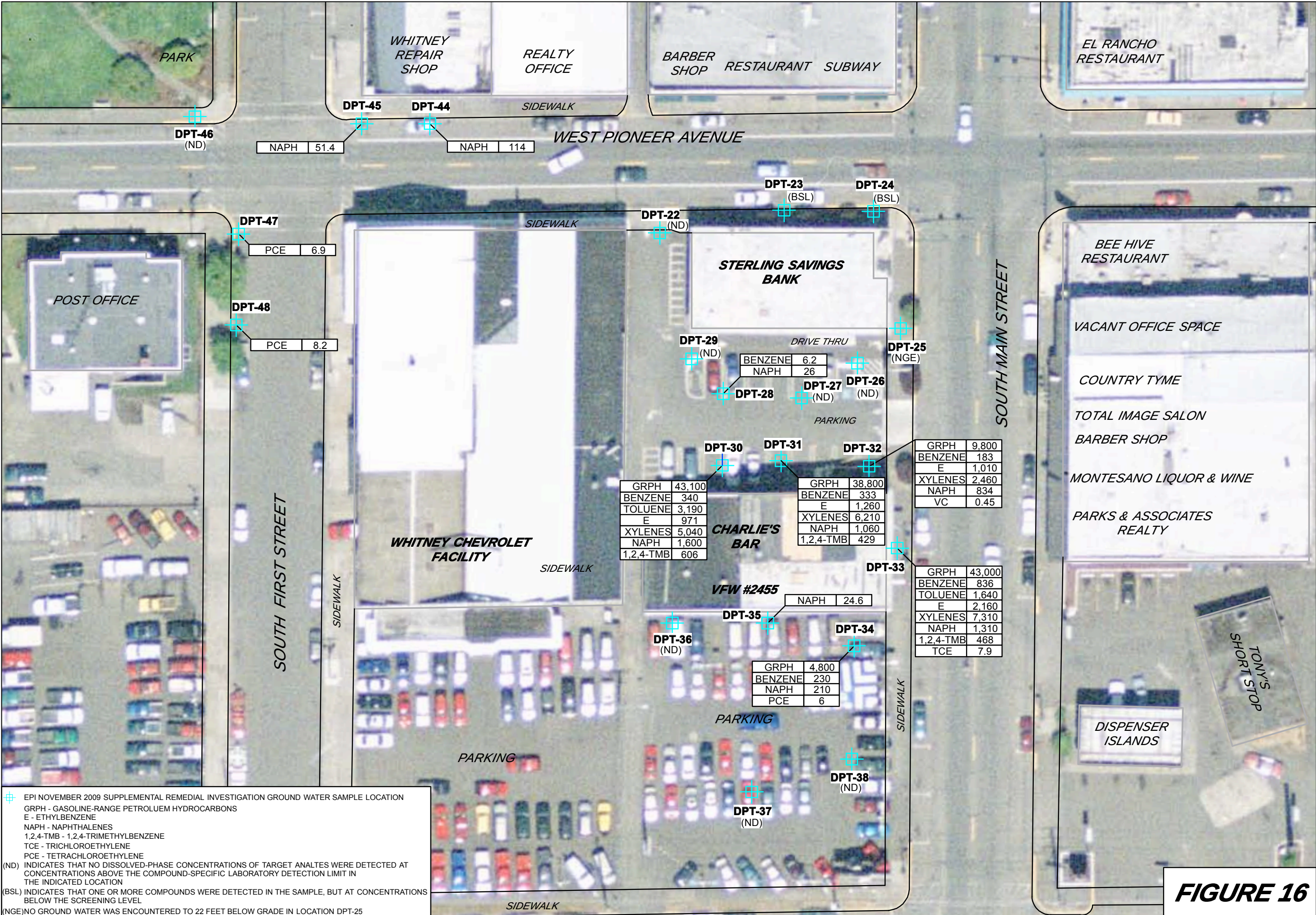
FIGURE 13

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
FIGURE 13 BENZENE ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) JULY, 2008	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
SCALE: 1" = 30'		DATE
		3/22/10
		REVIEWED BY
		JS
		DRAWN BY
		ARM



 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualatin, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
FIGURE 15 SITE REPRESENTATION WITH UNDERGROUND UTILITY LOCATIONS AND SUPPLEMENTAL RI DPT LOCATIONS	DRAWN BY	JS
	REVIEWED BY	TM
		DATE
		3/22/10

FIGURE 15



PROJECT

51201.7

PREPARED FOR

WHITNEY'S CHEVROLET

LOCATION

MONTESANO, WASHINGTON

SHEET

1 of 1

DATE

3/22/10

DRAWN BY

JS

REVIEWED BY

TM

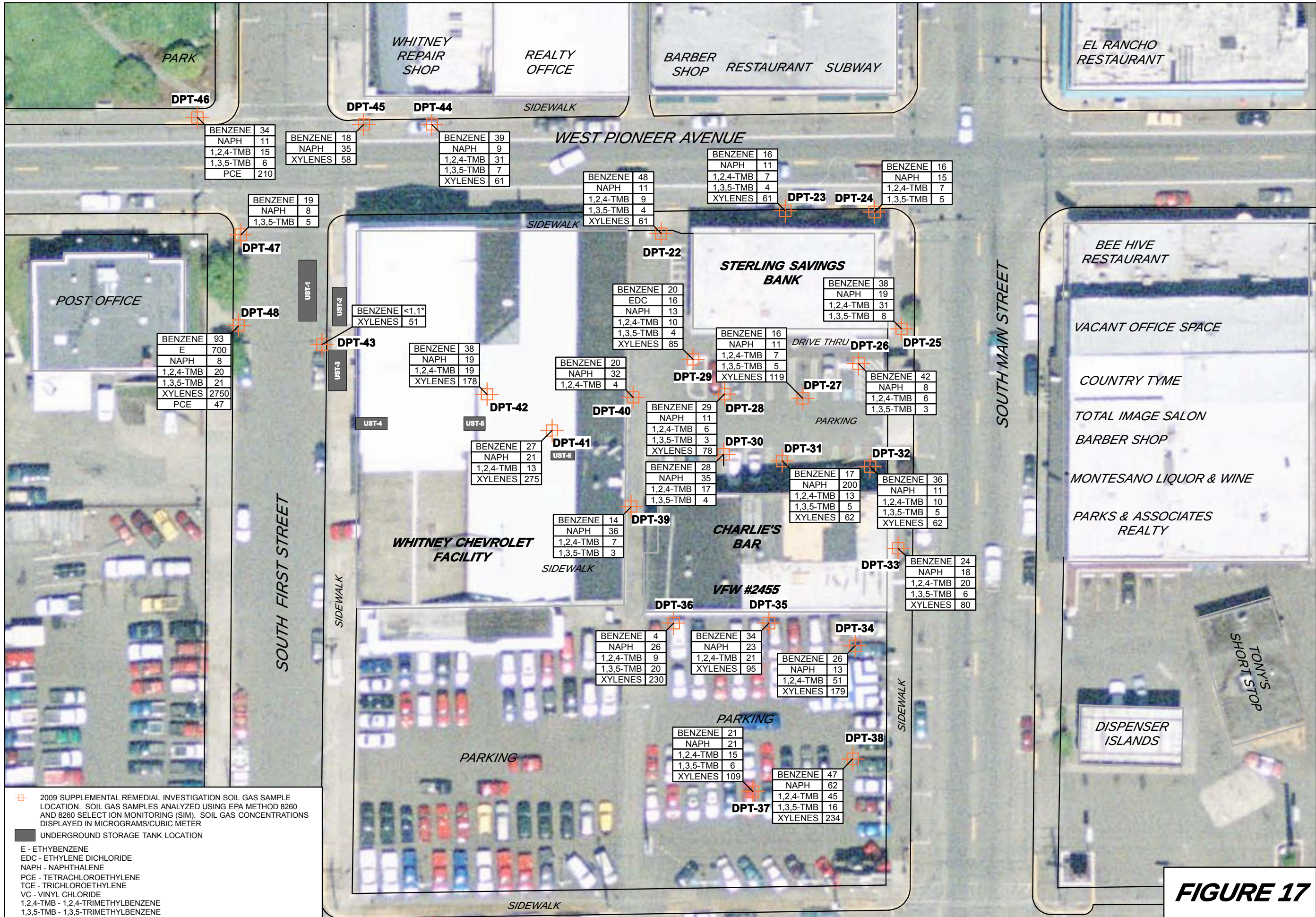
ENVIRONMENTAL PARTNERS INC

295 NE Gilman Boulevard, Suite 201
Ipswich, Washington 98027

FIGURE 16

SUPPLEMENTAL RI DPT GROUND DATA
DETECTED COMPOUNDS EXCEEDING SCREENING
LEVELS (MICROGRAMS/LITER)

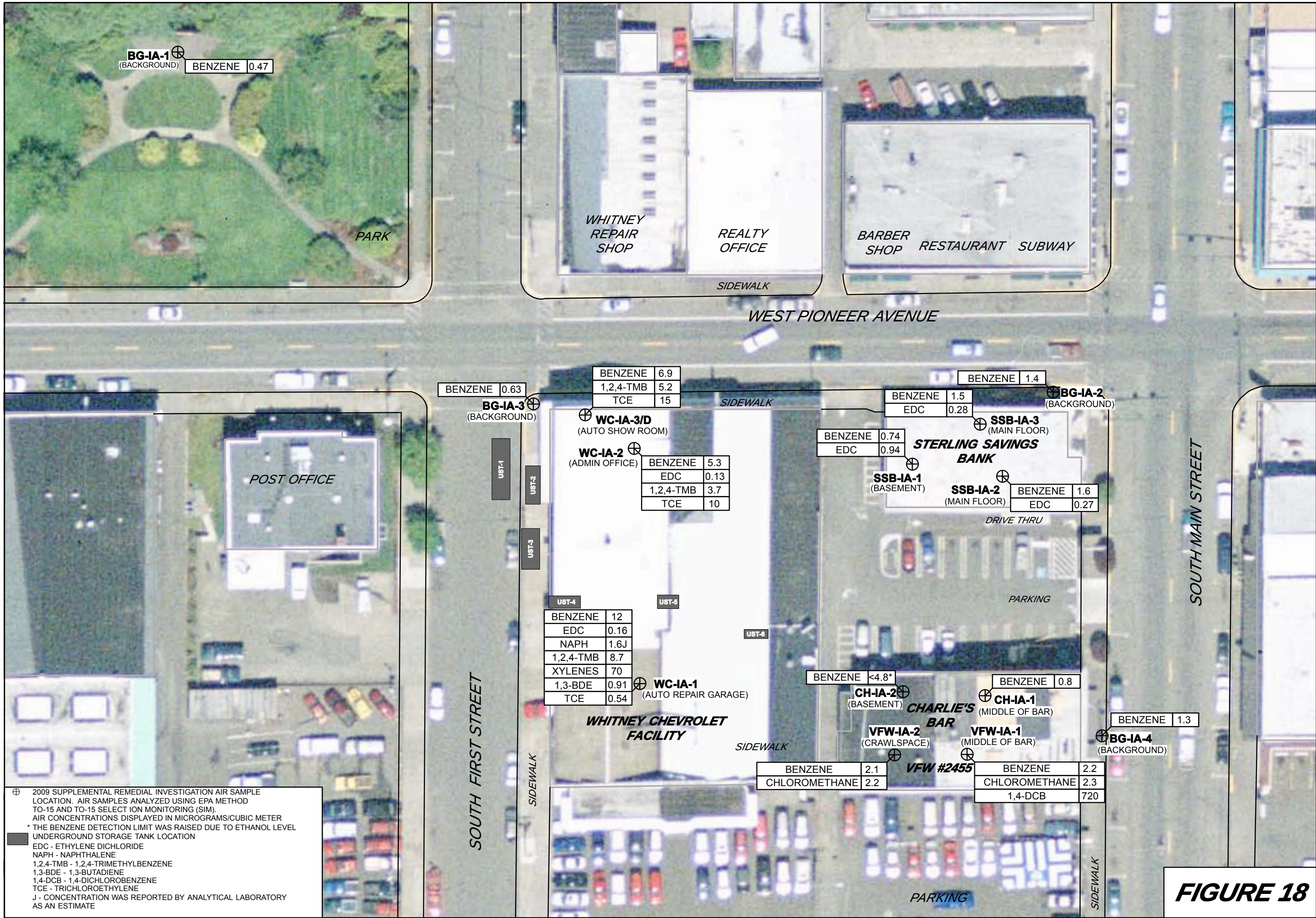
FIGURE 16



ENVIRONMENTAL PARTNERS INC 295 NE Gilman Boulevard, Suite 201 Tualatin, Washington 98027 FIGURE 17	PROJECT 51201.7	PREPARED FOR WHITNEY'S CHEVROLET	LOCATION MONTESANO, WASHINGTON	SHEET 1 of 1	DATE 3/22/10
	SUPPLEMENTAL RI SOIL GAS DATA DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS (MICROGRAMS/CUBIC METER)				

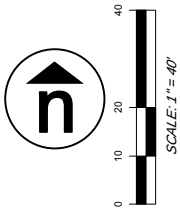
SCALE: 1" = 40'

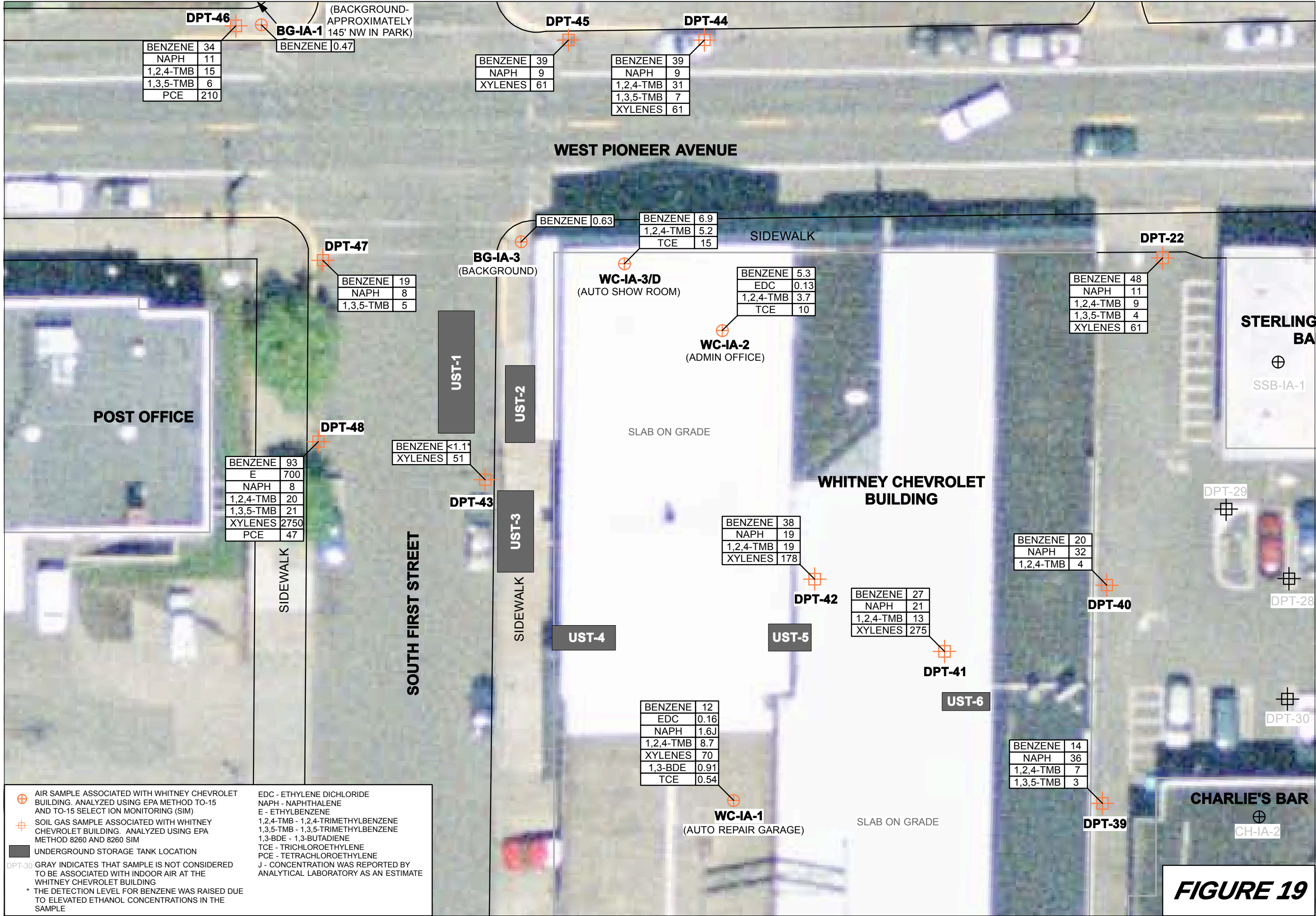
FIGURE 17



 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
SUPPLEMENTAL RI AIR DATA DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS (MICROGRAMS/CUBIC METER)	DRAWN BY	JS
	REVIEWED BY	TM
FIGURE 18		DATE 3/22/10

FIGURE 18





PROJECT	51201.7	PREPARED FOR	WHITNEY'S CHEVROLET	LOCATION	MONTESANO, WASHINGTON	DATE	3/22/10
SHEET	1 of 1	DRAWN BY	JS	REVIEWED BY	TM		
ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027				FIGURE 19 AIR AND SOIL GAS SAMPLES ASSOCIATED WITH THE WHITNEY CHEVROLET BUILDING WITH DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS (MICROGRAMS/CUBIC METER)			

WEST PIONEER AVENUE

BENZENE	16
NAPH	11
1,2,4-TMB	7
1,3,5-TMB	4
XYLENES	61

BENZENE	1.4

BENZENE	16
NAPH	15
1,2,4-TMB	7
1,3,5-TMB	5

SIDEWALK
DPT-22

BENZENE	48
NAPH	11
1,2,4-TMB	9
1,3,5-TMB	4
XYLENES	61

BENZENE	0.74
EDC	0.94

SSB-IA-1
(BASEMENT)

BENZENE	20
EDC	16
NAPH	13
1,2,4-TMB	10
1,3,5-TMB	4
XYLENES	85

DPT-29

BENZENE	1.5
EDC	0.28

SSB-IA-3
(MAIN FLOOR)

**STERLING SAVINGS
BANK**

BENZENE	1.6
EDC	0.27

SSB-IA-2
(MAIN FLOOR)

BENZENE	38
NAPH	19
1,2,4-TMB	31
1,3,5-TMB	8

DPT-25

BENZENE	42
NAPH	8
1,2,4-TMB	6
1,3,5-TMB	3

DPT-26

DPT-28

BENZENE	29
NAPH	11
1,2,4-TMB	6
1,3,5-TMB	3
XYLENES	78

DPT-27

BENZENE	16
NAPH	11
1,2,4-TMB	7
1,3,5-TMB	5
XYLENES	119

PARKING

SOUTH MAIN STREET

DPT-40

DPT-30

DPT-31

DPT-32

FIGURE 20

-  AIR SAMPLE ASSOCIATED WITH STERLING SAVINGS BANK BUILDING. ANALYZED USING EPA METHOD TO-15 AND TO-15 SELECT ION MONITORING (SIM)
-  SOIL GAS SAMPLE ASSOCIATED WITH STERLING SAVINGS BANK BUILDING. ANALYZED USING EPA METHOD 8260 AND 8260 SIM

DPT-30 GRAY INDICATES THAT SAMPLE IS NOT CONSIDERED TO BE ASSOCIATED WITH INDOOR AIR AT THE STERLING SAVINGS BANK BUILDING
NAPH - NAPHTHALENES
1,2,4-TMB - 1,2,4-TRIMETHYLBENZENE
1,3,5-TMB - 1,3,5-TRIMETHYLBENZENE
EDC - ETHYLENE DICHLORIDE



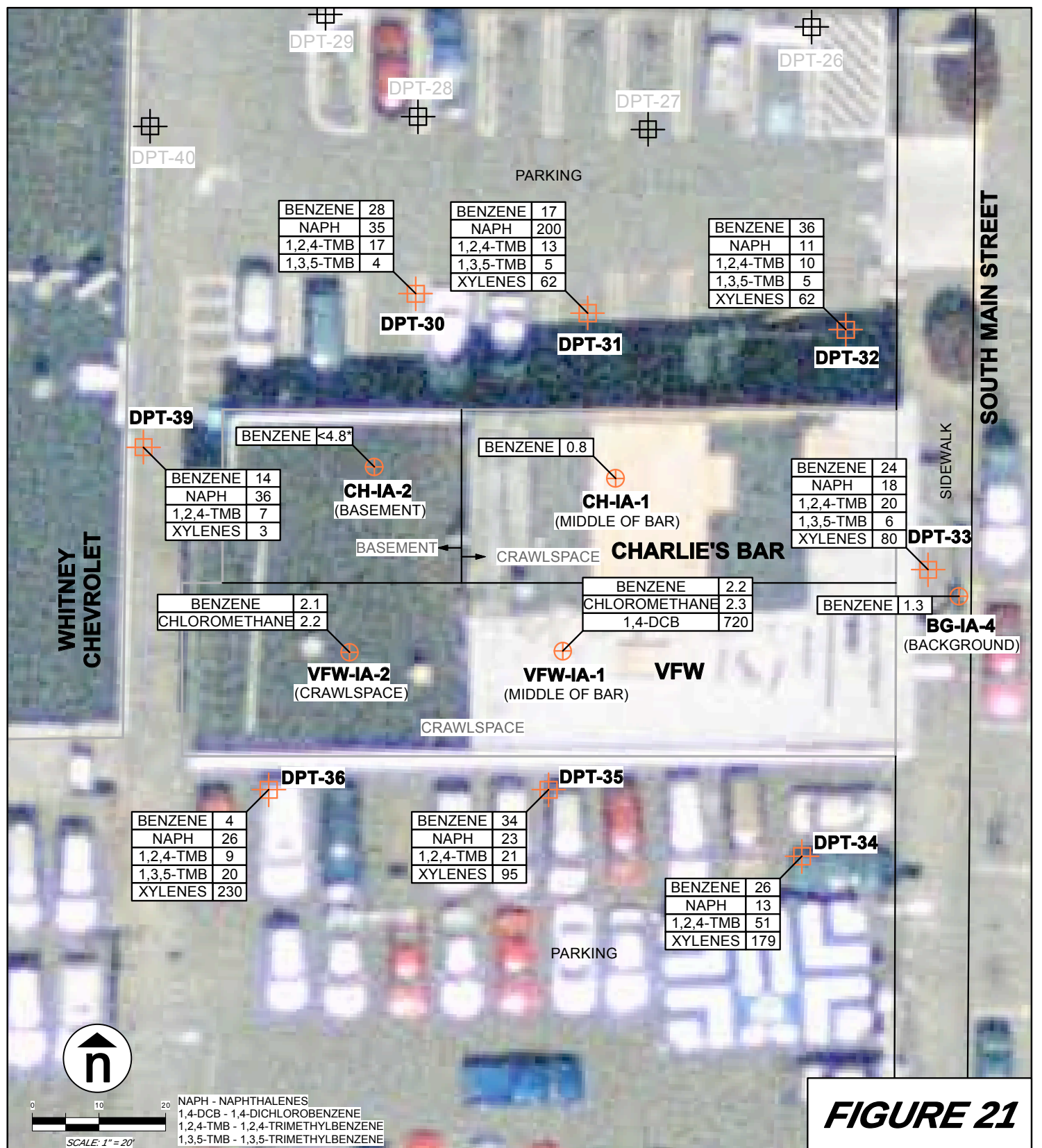
**ENVIRONMENTAL
PARTNERS INC**

295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 20

AIR AND SOIL GAS SAMPLES ASSOCIATED WITH THE STERLING SAVINGS BANK BUILDING WITH DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS (MICROGRAMS/CUBIC METER)

PROJECT	52101.7			
PREPARED FOR	WHITNEY'S CHEVROLET			
LOCATION	MONTESANO, WASHINGTON			
SHEET 1 of 1	DRAWN BY JS	REVIEWED BY TM	DATE 3/22/10	



- ⊕ AIR SAMPLE ASSOCIATED WITH CHARLIE'S BAR/VFW BUILDING. ANALYZED USING EPA METHOD TO-15 AND TO-15 SELECT ION MONITORING (SIM)
- ⊕ SOIL GAS SAMPLE ASSOCIATED WITH CHARLIE'S BAR/VFW BUILDING. ANALYZED USING EPA METHOD 8260 AND 8260 SIM

DPT-30 GRAY INDICATES THAT SAMPLE IS NOT CONSIDERED TO BE ASSOCIATED WITH INDOOR AIR AT THE CHARLIE'S BAR/VFW BUILDING

* THE DETECTION LEVEL FOR BENZENE WAS RAISED DUE TO ELEVATED ETHANOL CONCENTRATIONS IN THE SAMPLE



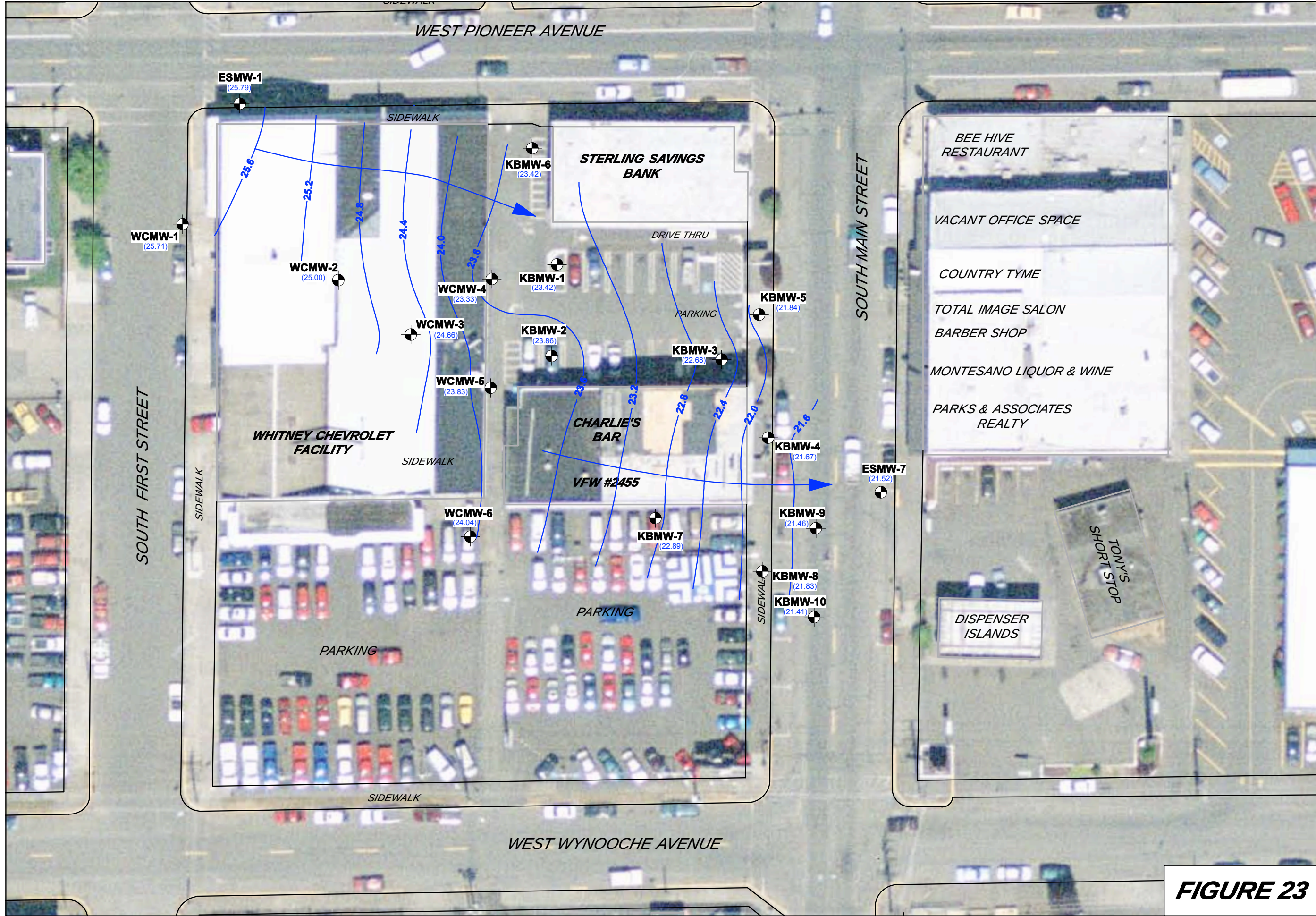
ENVIRONMENTAL PARTNERS INC

295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 21

AIR AND SOIL GAS SAMPLES ASSOCIATED WITH THE CHARLIE'S BAR/VFW BUILDING WITH DETECTED COMPOUNDS EXCEEDING SCREENING LEVELS (MICROGRAMS/CUBIC METER)

PROJECT	52101.7			
PREPARED FOR	WHITNEY'S CHEVROLET			
LOCATION	MONTESANO, WASHINGTON			
SHEET	DRAWN BY	REVIEWED BY	DATE	
1 of 1	JS	TM	3/22/10	



PROJECT

51201.7

PREPARED FOR

WHITNEY'S CHEVROLET

LOCATION

MONTESANO, WASHINGTON

SHEET

1 of 1

DATE

3/22/10

REVIEWED BY

TM

DRAWN BY

JS

ENVIRONMENTAL PARTNERS INC.
295 NE Gilman Boulevard, Suite 201
Tualuma, Washington 98027

FIGURE 23

PIEZOMETRIC CONTOURS
DECEMBER 14, 2009

GROUND WATER MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE

PIEZOMETRIC CONTOUR GENERATED FROM DATA OBTAINED ON DECEMBER 14, 2009

GROUND WATER ELEVATION IN FEET

GROUND WATER FLOW DIRECTION

0

10

20

40

n

SCALE: 1"=40'

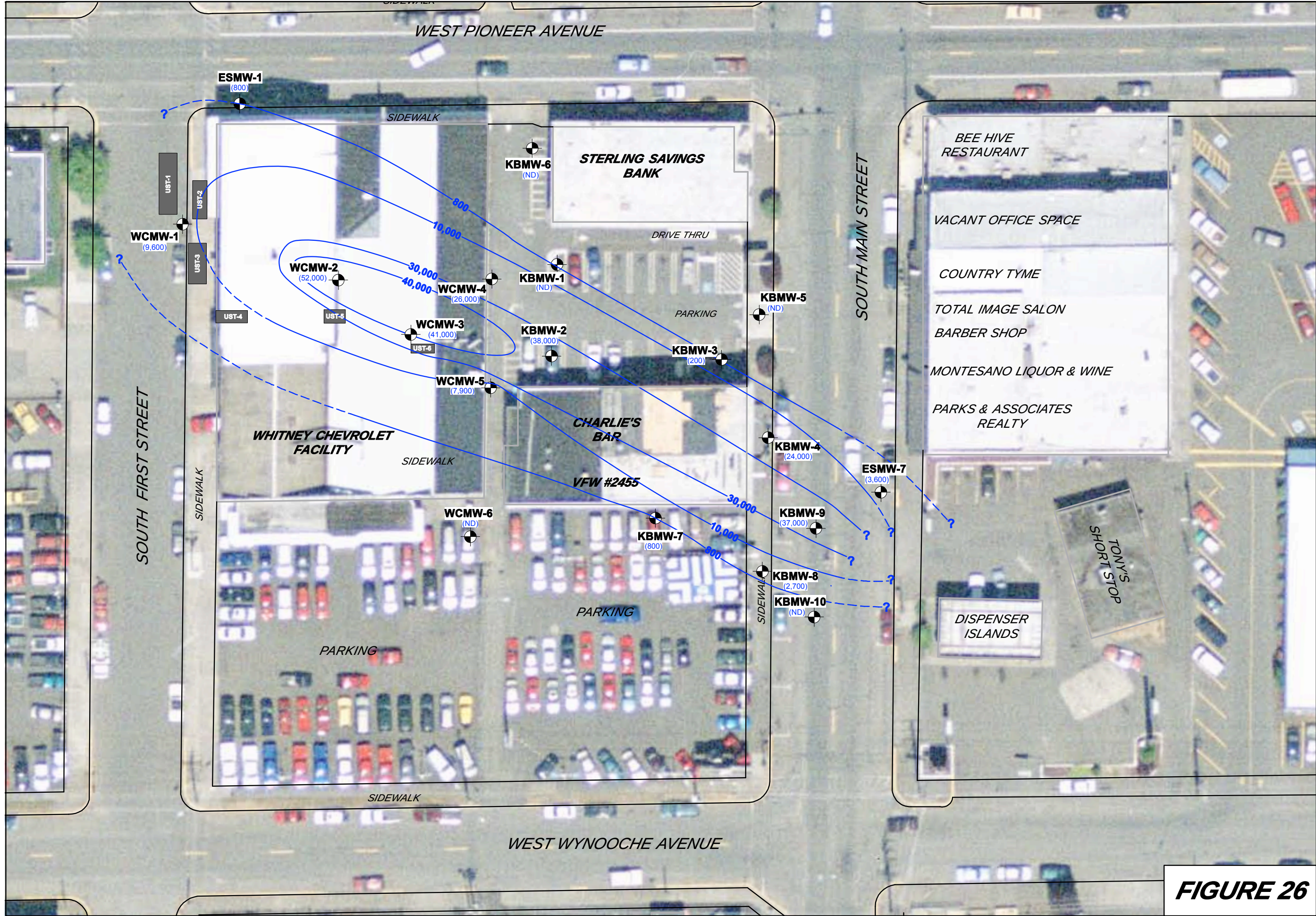
FIGURE 23



FIGURE 24

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
FIGURE 24 PIEZOMETRIC CONTOURS JANUARY 18, 2010	SHEET	1 of 1
	DRAWN BY	JS
	REVIEWED BY	TM
	DATE	3/22/10

GROUND WATER MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE
GROUND WATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
PIEZOMETRIC CONTOUR GENERATED FROM DATA OBTAINED ON JANUARY 18, 2010
GROUND WATER ELEVATION IN FEET
SEPARATE-PHASE HYDROCARBONS. GROUND WATER ELEVATION DATA WAS NOT USED TO GENERATE
PIEZOMETRIC CONTOURS IN WELLS WHERE SPH WAS ENCOUNTERED
MONITORING WELL WAS NOT ACCESSIBLE DURING JANUARY 2010 GROUND WATER MONITORING EVENT
GROUND WATER FLOW DIRECTION



PROJECT

51201.7

PREPARED FOR

WHITNEY'S CHEVROLET

LOCATION

MONTESANO, WASHINGTON

SHEET

1 of 1

DATE

3/22/10

ENVIRONMENTAL PARTNERS INC

295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 26

GASOLINE-RANGE PETROLEUM HYDROCARBON ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) DECEMBER, 2009

GROUND WATER MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE

GASOLINE-RANGE PETROLEUM HYDROCARBON (GRPH) CONCENTRATION CONTOUR. QUERIED WHERE UNCERTAIN

GRPH CONCENTRATION OBSERVED IN GROUND WATER IN DECEMBER 2009 IN MICROGRAMS/LITER

UNDERGROUND STORAGE TANK LOCATION

INDICATES THAT GRPH WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT

800

10,000

30,000

40,000

ND

0

10

20

40

SCALE: 1" = 40'

↑

n

FIGURE 26



FIGURE 27

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
	LOCATION	MONTESANO, WASHINGTON
FIGURE 27 GASOLINE-RANGE PETROLEUM HYDROCARBON ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) JANUARY, 2010	SHEET	1 of 1
	DRAWN BY	JS
ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	REVIEWED BY	TM
	DATE	3/22/10

MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE
MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
GASOLINE-RANGE PETROLEUM HYDROCARBON (GRPH) CONCENTRATION CONTOUR. QUERIED WHERE UNCERTAIN
GRPH CONCENTRATION OBSERVED IN GROUND WATER IN JANUARY 2010 IN MICROGRAMS/LITER
ESTIMATED AREA OF SEPARATE-PHASE HYDROCARBONS (SPH)
UNDERGROUND STORAGE TANK LOCATION
INDICATES THAT GRPH WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT
* TSSMW-10 WAS NOT ACCESSIBLE DURING MONITORING EVENT

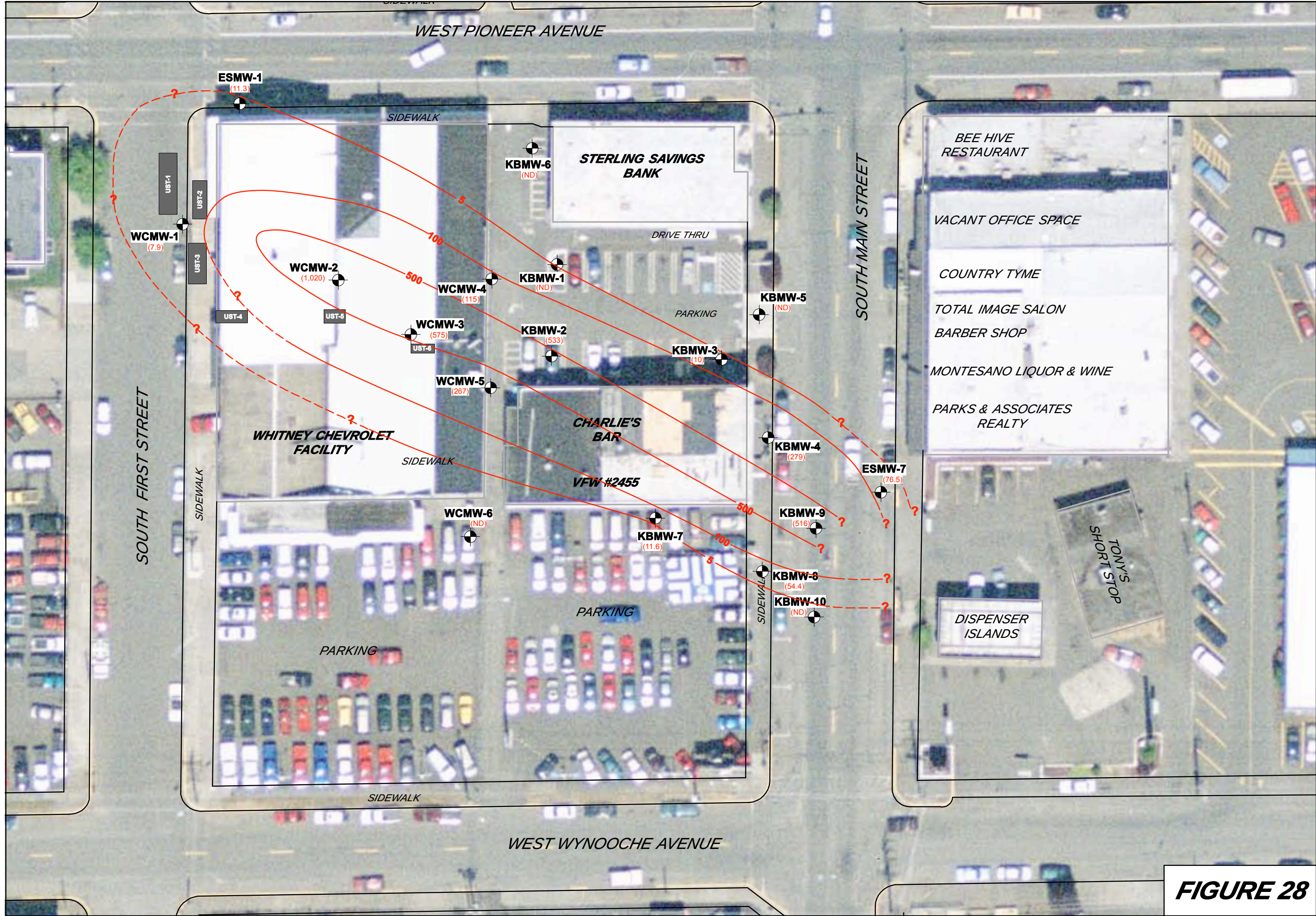


FIGURE 28

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
FIGURE 28 BENZENE ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) DECEMBER, 2009	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
INDICATES THAT BENZENE WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT		DATE
		3/22/10
		REVIEWED BY
		TM
		DRAWN BY
		JS



FIGURE 29

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
LOCATION	LOCATIONS	MONTESANO, WASHINGTON
	SHEET	1 of 1
DATE	REVIEWED BY	TM
	DRAWN BY	JS

FIGURE 29
BENZENE ISOCONCENTRATION CONTOURS
(MICROGRAMS/LITER) JANUARY, 2010

MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE
MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
BENZENE CONCENTRATION CONTOUR. QUERIED WHERE UNCERTAIN
BENZENE CONCENTRATION OBSERVED IN GROUND WATER IN JANUARY 2010 IN MICROGRAMS/LITER
ESTIMATED AREA OF SEPARATE-PHASE HYDROCARBONS (SPH)
UNDERGROUND STORAGE TANK LOCATION
INDICATES THAT BENZENE WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT
* TSSMW-10 WAS NOT ACCESSIBLE DURING MONITORING EVENT

SCALE: 1"=40'



FIGURE 30

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
FIGURE 30 PCE ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) DECEMBER, 2009	LOCATION	MONTESANO, WASHINGTON
	SHEET	1 of 1
GROUND WATER MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE TETRACHLOROETHYLENE (PCE) CONCENTRATION CONTOUR. QUERIED WHERE UNCERTAIN PCE CONCENTRATION OBSERVED IN GROUND WATER IN DECEMBER 2009 IN MICROGRAMS/LITER UNDERGROUND STORAGE TANK LOCATION INDICATES THAT PCE WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT		DATE 3/22/10



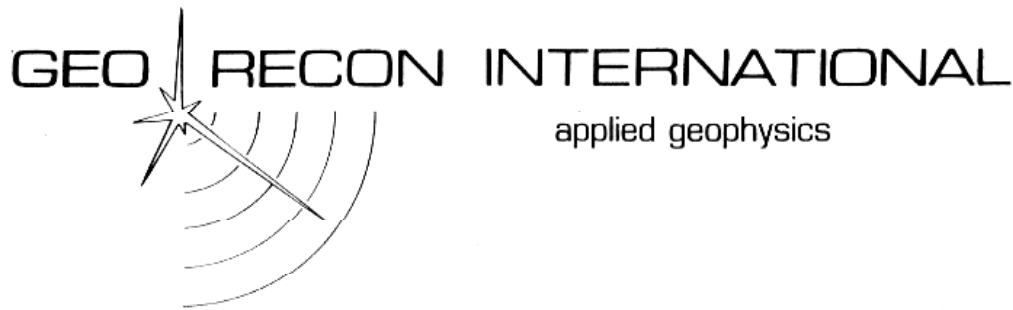
FIGURE 31

 ENVIRONMENTAL PARTNERS INC. 295 NE Gilman Boulevard, Suite 201 Tualuma, Washington 98027	PROJECT	51201.7
	PREPARED FOR	WHITNEY'S CHEVROLET
LOCATION	SHEET	1 of 1
PCE ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) JANUARY, 2010	DRAWN BY	JS
FIGURE 31	REVIEWED BY	TM
PCE ISOCONCENTRATION CONTOURS (MICROGRAMS/LITER) JANUARY, 2010	DATE	3/22/10

MONITORING WELL ASSOCIATED WITH WHITNEY CHEVROLET SITE
MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
TETRACHLOROETHYLENE (PCE) CONCENTRATION CONTOUR. QUERIED WHERE UNCERTAIN
PCE CONCENTRATION OBSERVED IN GROUND WATER IN JANUARY 2010 IN MICROGRAMS/LITER
UNDERGROUND STORAGE TANK LOCATION
INDICATES THAT PCE WAS NOT DETECTED AT A CONCENTRATION ABOVE THE COMPOUND-SPECIFIC LABORATORY DETECTION LIMIT
TSSMW-10 WAS NOT ACCESSIBLE DURING MONITORING EVENT

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment A

March 24, 2010



May 5, 2008
J08-815

Environmental Partners Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, Wa 98027

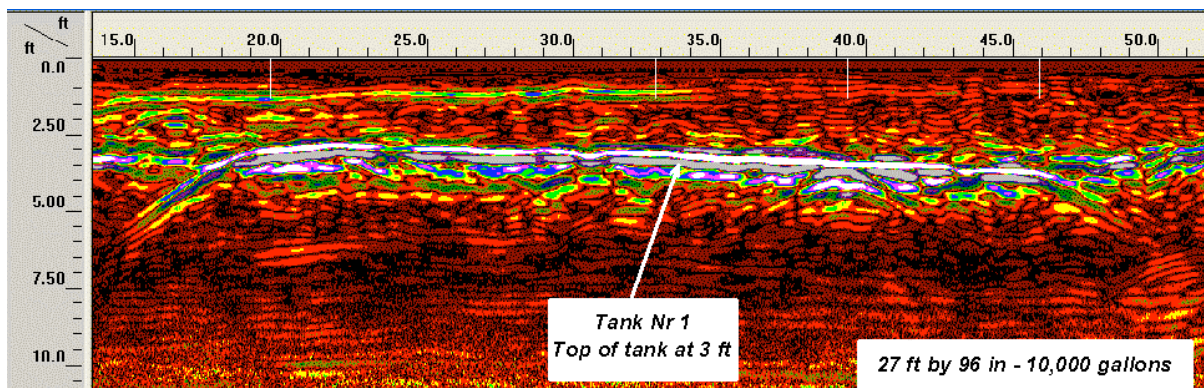
RE: Underground Storage Tank Search
Whitney's Chevrolet
Montesano, Washington

This report presents the results of a geophysical search for Underground Storage Tanks (UST) at Whitney's Chevrolet, 123 West Pioneer Avenue, Montesano, Washington. The work was performed on April 9, 10 and 11, 2008. Six USTs were located and defined in this search. Over 8,200 feet of Ground Penetrating Radar (GPR) Traverse were made in this survey (164 lines). Figure 1 presents the areas surveyed and Figure 2 shows the locations of the GPR traverses. The CD attached to the report presents the GPR records made in the various locations shown in Figure 1.

The six USTs are as follows:

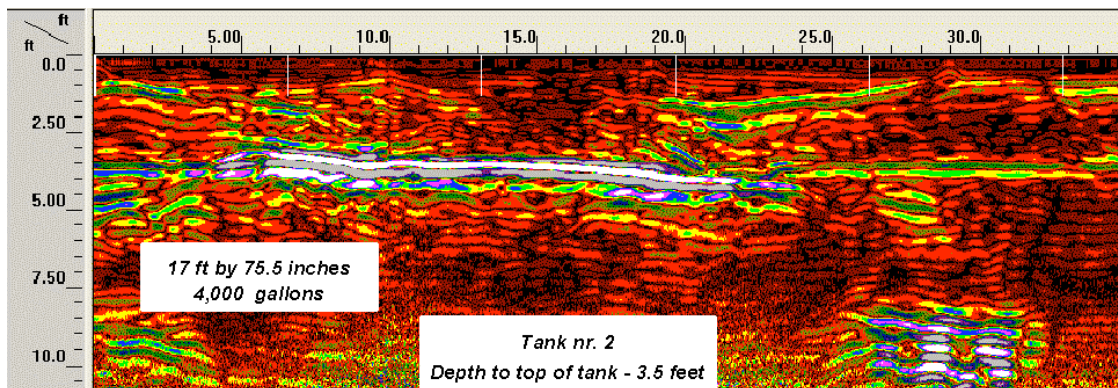
UST # 1:

The tank is estimated as 27 feet in length with a diameter of 96 inches for a capacity of 10,000 gallons. The depth to the top of the tank is estimated at 3 feet. The tank is located in adjacent to the curb of South First Street. (See Figure 1)



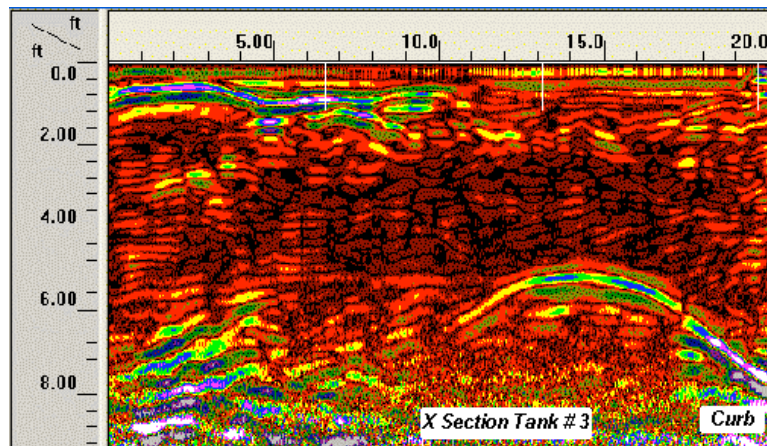
Tank # 2:

This tank is estimated at 17 feet by 75.5 inches for a capacity of 4,000 gallons. The depth to the top of the tank is 3.5 feet. The tank lies below the sidewalk adjacent to Tank # 1.



Tank # 3:

Tank # 3 lies south of Tank # 2 and is estimated at 18 feet by 95 inches for a capacity of 6,500 gallons. The depth to the top of the tank is estimated at 5 feet. The south end of the tank appears to be smashed. A cross section of the north end of the tank is shown below: The section was run from east to west starting inside of the building. The power pole was reported to have intersected the tank when installed.



Tank # 4:

Tank # 4 was not defined. The tank is reported to have contained a grade of Diesel # 6. A suspected cross section of the tank can be found in the GPR data in the estimated location of the tank. The tank lies below a sloping surface that leads to a shop area. Access to the tank, made to close the tank, is in the tool room south of the location of the tank. The fill port for the tank is immediately outside the door to the shop area. The sloping surface across the length of the tank may have distorted the GPR image.

Tank # 5:

Tank # 5 is reported to be a concrete bunker. The location is defined by a manhole cover in the north shop area. The close-spaced rebar in the concrete slab over the tank did not allow GPR data to be reflected back to the antenna.

Tank # 6:

Tank # 6 is located at the north edge of the Paint Booth as shown in Figure 1. The tank is 10.67 feet by 48 inches in diameter for a capacity of 1,000 gallons. The tank diameter was measured through the fill port inside of the Paint Booth. Depth to the top of the tanks is 1 foot.

A former report suggested that a tank may lie in the north-west corner of the building, near the location of the dispenser pumps when the gasoline service was provided. No evidence of a tank in this location was found. The former GPR data may have mistaken an undulation in the subsurface as the top of a tank. A cross section of a UST is seen as a hyperbolic image, not seen in the prior GPR data.

EM/magnetic methods did not work over the concrete slabs inside of the building and was difficult in the parking lot due to having to move cars to clear an area. The methods were used in the clear areas in the early morning hours before the business opened.

Methods

An Electro-magnetic (EM) device was used to look for buried metal targets in the parking lot. Small metal objects in the near surface (1 to 2 feet) will have an EM response equivalent to a larger object (UST) at depth. The signal strength, size and continuity of the response at the surface may indicate a possible UST. Those EM targets that may be possible USTs were then investigated with Ground Penetrating Radar (GPR) to assess the relative depth, size and ground projection of the object; i.e. to evaluate if the object is or is not a UST.

The electro-magnetic or EM device transmits and receives an electro-magnetic signal at a frequency of 6 kHz. The EM signal is transmitted through the subsurface and which generates current flow through the ground. The induced ground current generates a magnetic field that is dependent on the ground conductivity and which is also received at the receiver. The two signals, the transmitted and ground response signals, are balanced (nulled) for a zero response in the instrument electronics. When the ground conditions change, for example, when the transmitted signal encounters buried metal, the ground conductivity changes and the balance or null point is changed, and the instrument responds with an audible signal and meter reading of the change. Depending on the size of the metal object, the penetration is up to 15 feet in depth. One-gallon cans have been detected at depths of up to 3 to 4 feet, with 55-gallon drums at depths of up to 8 to 9 feet.

A Schonstedt magnetic gradiometer (Mac 51-BX) was used to scan for magnetic anomalies.

A Schonstedt magnetic gradiometer (Mac 51-BX) was used to scan for magnetic anomalies.

The Ground Penetrating Radar (a GSSI, SIR System 3000) utilized a 400 Mega-Hertz antenna. The GPR antenna used for this investigation transmits a 2.5 nano-second (ns) pulse at a center frequency of 400 Mega-Hertz for the selected scan rate of 16 times per second. When the signal encounters a change in electrical properties (a change in electrical permittivity), a portion of the signal energy is reflected back to the surface. The reflected signal received by the antenna, is digitally processed and recorded in the instrument consol. The character of the reflection is used to interpret the source of the reflection.

USTs are defined by hyperbolic reflectors. Isolated, horizontal reflectors are noted in the field, and if found, a cross line is run across the reflector to define the continuity of the reflector, or determine if the horizontal reflection is a result of traversing a tank in the longitudinal direction, i.e. has a hyperbolic reflection. Diameters, when not directly measured, are estimated from tank sizes which have similar lengths and/or capacity.

The estimated dimensions of the USTs are the vertical projections of the length and width of the UST images to the surface. There may be some error in the projections. The error arises in estimating the starting point of the hyperbolic portion of the images. The estimated capacity is based on the UST being a cylinder.

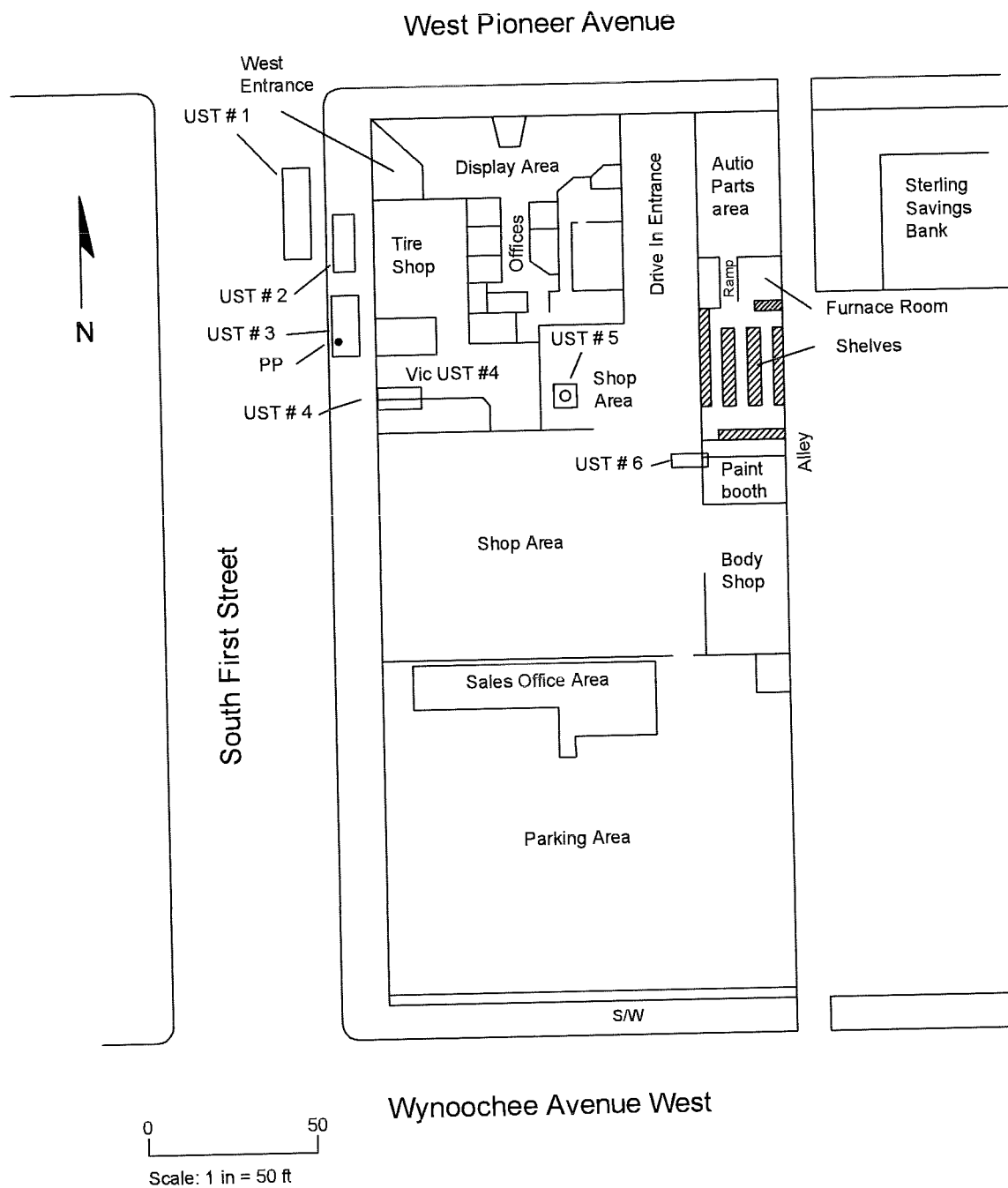
The information presented in this report is based upon geophysical measurements made by generally accepted methods and field procedures, and our interpretation of these data. The presented information is based upon our best estimate of subsurface conditions considering the geophysical results and all other information available to us. These results are interpretive in nature and are considered to be a reasonably accurate presentation of the existing conditions within the limitations of the method or methods employed.

We trust that the above is sufficient for your requirements. Please let us know if you have any questions or if we may be of further assistance.

For Geo-Recon International



John M Musser
Principal Geophysicist



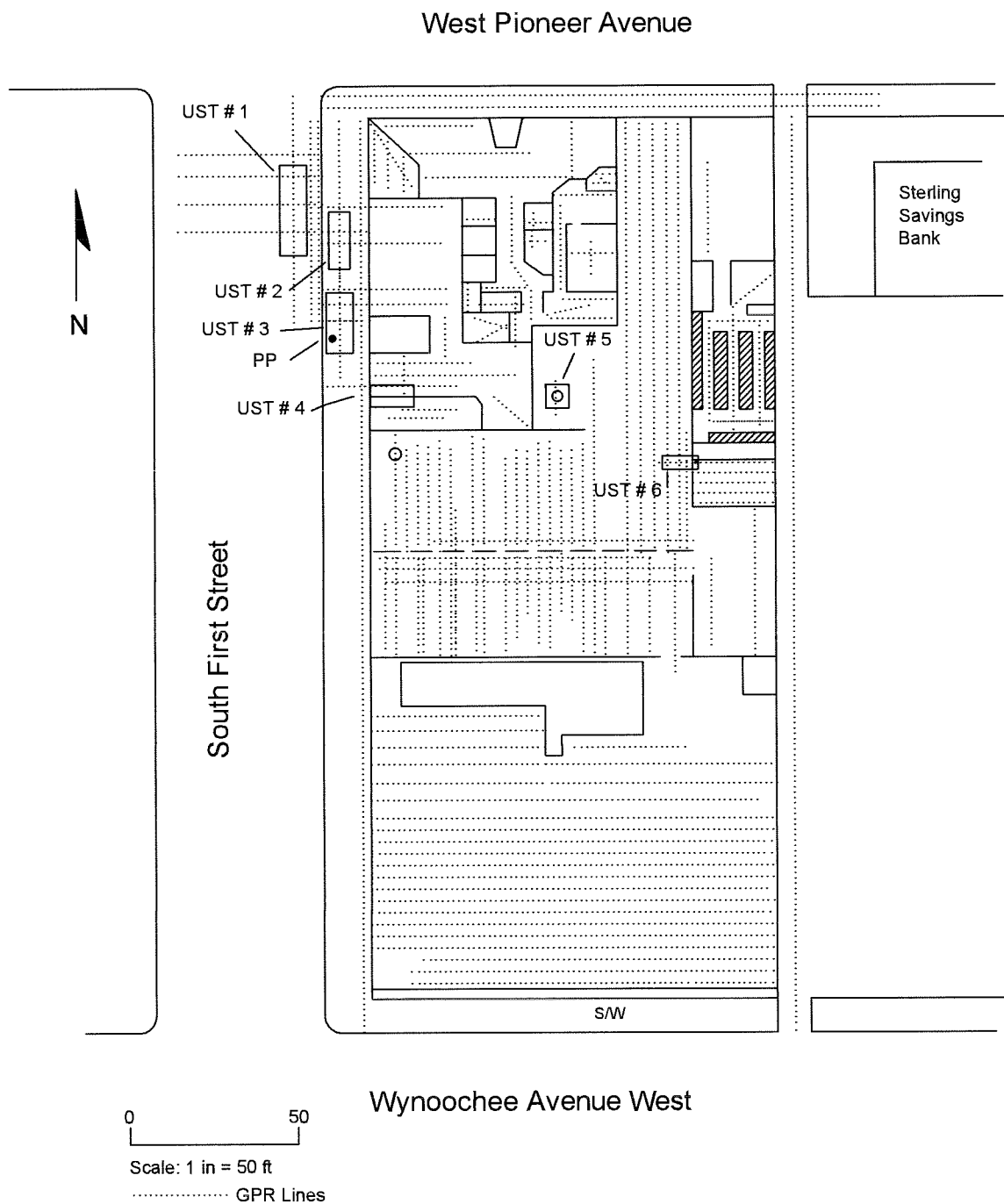
Location Sketch

Whitney's Chevrolet, Montesano, Washington

GPR Survey
J08-815

GEO-RECON INTERNATIONAL

FIG. 1



GPR Locations

Whitney's Chevrolet, Montesano, Washington

GPR Survey
J08-815

GEO-RECON INTERNATIONAL

FIG. 2

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment B

March 24, 2010

Boring/Well Designation: DPT-1

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-25-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

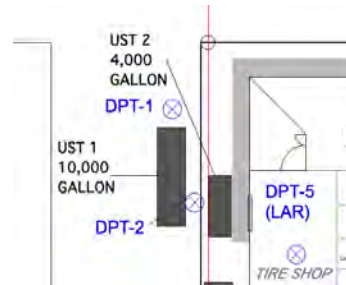
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GW	Asphalt Well-Graded Gravel with Sand Gray; damp; mostly fine to medium gravel with some sand and few silt						2" boring backfilled with hydrated bentonite chips
2									
3		SM	Silty Sand Orange; moist; mostly fine to medium sand with some silt			0.0			
4									
5									
6		CL	Lean Clay Orange/brown; moist; mostly clay with some silt; rust-stained			0.0			
7									
8									
9									
10		SM	Silty Sand Gray; moist; mostly fine sand with some silt			88			
11		ML	Silt Light gray; moist; stiff; mostly silt with rust-staining; petroleum-like odor			740			
12									
13									Natural filter pack
14		SP	Poorly Graded Sand Orange/brown; moist; mostly fine to medium sand; strong petroleum-like odor			1503			
15									
16			Becomes gray						Ground water at 15.5' ATD
17									
18			Becomes dark gray; trace gravel			2183			Temporary stainless steel 0.010 slot screen
19									
20						2000			
21			End of Borehole						

Project No.: 51201.2

Boring/Well Designation: DPT-2

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-25-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

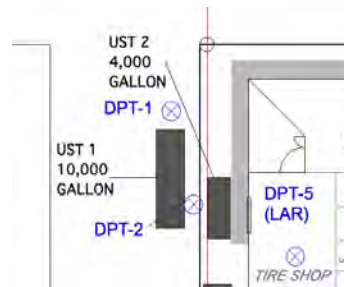
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GW	Asphalt						
2			Well-Graded Gravel with Sand Gray; damp; mostly fine to medium gravel with some sand						
3		SP	Poorly-Graded Sand Brown-orange; damp; mostly sand; slight unknown odor						
4						0.0			
5									
6									
7		CL	Lean Clay Brown-orange; moist; mostly clay; low plasticity; mostly clay with some silt; slight petroleum-like odor						
8						5.0			
9									
10						776			
11			Slight petroleum-like odor						
12									
13						113			
14		SP	Poorly Graded Sand Light gray; moist to wet; mostly fine to medium sand			2578			
15									
16			Very strong petroleum-like odor from 14' to 17'			3125			
17									
18						1081			
19			Slight petroleum-like odor						
20						46			
21			End of Borehole						

Project No.: 51201.2

Boring/Well Designation: DPT-3

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-25-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

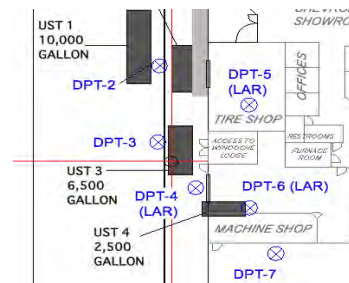
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GW	Asphalt Well-Graded Gravel Gray; moist; mostly gravel with few silt and few sand						2" boring backfilled with hydrated bentonite chips
2									
3		SM	Silty Sand Brown; moist; mostly fine sand with some silt						
4		SP-SM	Poorly-Graded Sand with Silt Yellow/orange; mostly fine to medium sand with few silt			0.0			
5		CL	Lean Clay Olive/gray; moist; mostly clay with some silt; rust-stained			0.0			
6						0.0			
7									
8			Slight petroleum-like odor			0.0			
9									
10						1377			
11									
12						140			
13									
14			Very strong petroleum-like odor Heavily rust-stained from 13' to 14'			1714			
15		SP	Poorly Graded Sand Light gray; wet; mostly fine to medium sand						Natural filter pack Ground water at 15' ATD Temporary 2" stainless steel 0.010-slot screen
16									
17			Slight petroleum-like odor						
18						0.0			
19						0.0			
20									
21			End of Borehole						



Boring/Well Designation: DPT-4

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-25-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

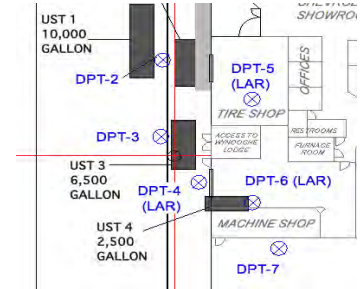
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						2" boring backfilled with hydrated bentonite chips
2			Organic Soil						
3									
4		SP/SM	Poorly-Graded Sand with Silt Orange; moist; mostly fine to medium sand with few silt with interbedded silty sand lens			0.0			
5									
6		CL	Lean Clay Light gray; stiff; mostly clay with trace fine sand; rust-stained			0.0			
7									
8									
9									
10			Slight petroleum-like odor						
11									
12		SP	Poorly Graded Sand Light gray; moist to wet; mostly fine to medium sand; rust-stained; strong petroleum-like odor			105			
13						194			
14						1308			Natural filter pack
15									
16						20.5			Ground water at 15' ATD
17			Becomes dark gray Interbed of sand with few silt						Temporary 2" stainless steel 0.010-slot screen
18									
19									
20						0.0			
21			End of Borehole						



Boring/Well Designation: DPT-5

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-23-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

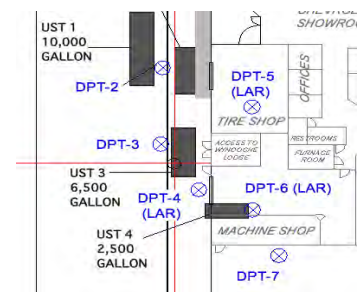
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SP	Concrete						
2			Poorly Graded Sand Orange; moist; mostly fine to medium sand with trace silt						
3									
4						0.0			
5									
6		SM	Silty Sand with Gravel Yellow/brown; moist; mostly fine to coarse sand with little silt and few gravel						
7									
8						0.0			
9			Very strong odor product in liner (small amount)						
10		ML	Silt with Gravel Brown/gray; moist; mostly silt with few angular gravel; rust-stained (heavy); fill						
11						2100			
12									
13									
14		SP	Poorly Graded Sand Brown; moist; mostly fine to medium sand; rust-stained			459			Natural filter pack
15									
16			Strong odor			1746			Ground water at 16' ATD
17			Gray; wet; mostly fine to medium sand						Temporary 2" stainless steel 0.010-slot screen
18			Very strong odor			1888			
19									
20			Very strong odor			1846			
21			End of Borehole						



Boring/Well Designation: DPT-6

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-23-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

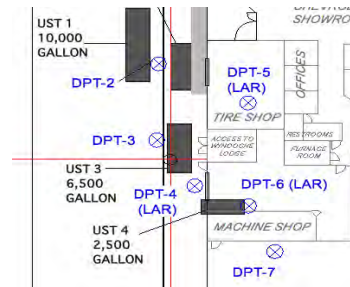
Drilling Contractor: ESN Northwest Inc.

Drill Rig: Kubota B7610 Limited Access DPT

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						
2			Organic Soil Dark brown; moist; mostly organics with some silt						
3									
4		SM	Silty Sand Yellow/brown; moist; mostly fine to medium sand with little silt			0.0			
5									
6									
7									
8						0.0			
9		CL	Lean Clay Yellow/orange; moist; low plasticity; stiff; mostly clay with some silt; rust-stained						
10									
11									
12			Petroleum-like odor			90			
13									
14		SP	Poorly-Graded Sand Light gray; moist to wet; mostly fine to medium sand with rust-staining			32			
15									
16						183			
17			Strong petroleum-like odor from 16.5' to 20'						
18						138			
19									
20						1181			
21			End of Borehole						



Boring/Well Designation: DPT-7

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

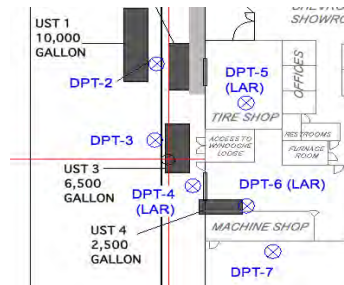
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						2" boring backfilled with hydrated bentonite chips
2			Organic Soil						
3		ML	Silt with Sand			0.0			
4			Brown; moist; mostly silt with little sand						
5		SP	Poorly Graded Sand						
6		CL	Yellow/orange; moist; mostly fine to medium sand with trace gravel			0.0			
7			Lean Clay						
8			Yellow/orange; moist; low plasticity; stiff; mostly clay with some silt; rust-stained						
9									
10									
11									
12			Strong petroleum-like odor			3.5			
13		SP	Poorly Graded Sand						
14			Light gray; moist to wet; mostly fine to medium sand			1439			
15									Natural sand pack
16						1022			Ground water at 16' ATD
17			Becomes dark gray						
18									
19			Strong petroleum-like odor						Temporary stainless steel 0.010-slot screen
20									
21			End of Borehole						
22									
23									
24									
25									

Boring/Well Designation: DPT-8

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-23-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

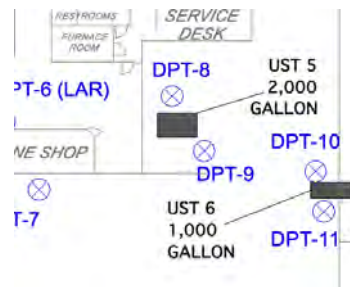
Drilling Contractor: ESN Northwest Inc.

Drill Rig: Kubota E7610 Limited Access DPT

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete Organic Soil Dark brown; soft; mostly organic matter						2" boring backfilled with hydrated bentonite chips
2		SM	Silty Sand Yellow/orange; moist; mostly fine to medium sand with some silt						
3									
4						0.0			
5		CL	Lean Clay Yellow/orange; moist; mostly clay with some silt and trace fine sand						Natural filter pack Ground water at 16.5' ATD Temporary 2" stainless steel 0.010-slot screen
6						15.1			
7			Unknown odor from 5' to 7'						
8						4.6			
9									
10						22.7			
11						1.8			
12		SP	Poorly Graded Sand Light gray; moist to wet; mostly fine to medium sand						
13									
14						16.5			
15									
16			Very strong petroleum-like odor from 16' to 20'			134			
17						1821			
18						1760			
19						150			
20									
21			End of Borehole						



Boring/Well Designation: DPT-9

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

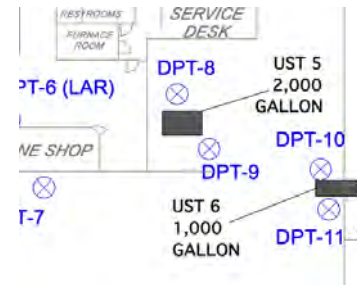
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 Pro

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						2" boring backfilled with hydrated bentonite chips
2			Organic Soil Dark brown; soft; mostly organic matter						
3		SM	Silty Sand Yellow/orange; moist; mostly fine to medium sand with some silt						
4		CL	Lean Clay Yellow/orange; moist; low plasticity; mostly clay with some silt with trace fine sand			0.0			
5									
6									
7									
8						0.0			
9									
10									
11									
12		SP	Poorly Graded Sand Light gray; moist to wet; mostly fine to medium sand			25.9			
13						800			
14						400			
15									Natural sand pack
16						241			Ground water at 15.5' ATD
17									Temporary 2" stainless steel 0.010-slot screen
18			Strong petroleum-like odor Becomes dark gray						
19									
20						180			
21			End of Borehole						



Boring/Well Designation: DPT-10

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

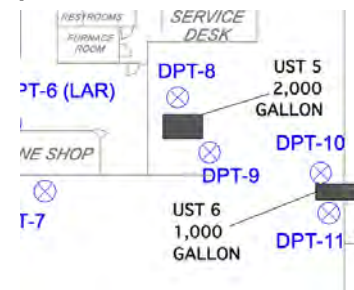
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						2" boring backfilled with hydrated bentonite chips
2			Organic Soil Dark brown to black; soft; mostly organics						
3		SM	Silty Sand Yellow/orange to yellow/brown; loose; mostly fine sand with little silt			0.0			
4									
5									
6						0.0			
7									
8		CL	Lean Clay Light gray; moist; stiff; low plasticity; mostly clay; rust-stained; petroleum-like product present						
9									
10			Petroleum-like product in vertical thread from 9.5' to 10.5'			9.4			
11									
12						0.0			
13		SP	Poorly Graded Sand Light gray; moist to wet; mostly fine to medium sand			2.9			Natural sand pack Ground water at 15' ATD Temporary 2" stainless steel 0.010-slot screen
14									
15						509			
16									
17									
18			Becomes dark gray; strong petroleum-like odor			1950			
19									
20						416			
21			End of Borehole						
22									
23									
24									
25									



Boring/Well Designation: DPT-11

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

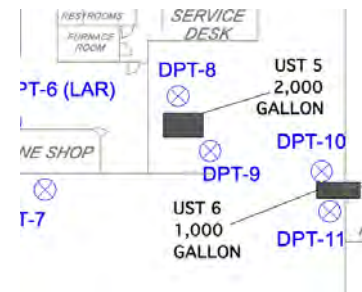
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						2" boring backfilled with hydrated bentonite chips
2			Organic Soil						
3			Dark brown/black						
4		CL	Lean Clay			0.0			
5			Light brown; moist; stiff; low plasticity; mostly clay with trace sand; rust-stained						
6									
7									
8						0.0			
9									
10									
11									
12		SP	Poorly Graded Sand			4.2			
13			Olive gray; moist to wet; mostly fine to medium sand						
14			Slight petroleum-like odor						
15									Natural sand pack
16			Petroleum-like odor			120			Ground water at 16' ATD
17									
18			Strong petroleum-like odor			1800			Temporary 2" stainless steel 0.010-slot screen
19						2400			
20						60			
21			End of Borehole						
22									
23									
24									
25									



Boring/Well Designation: DPT-12

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

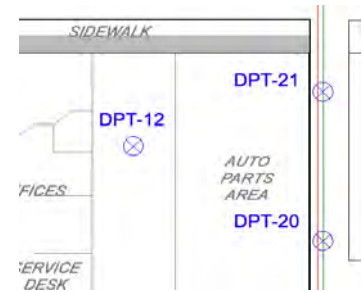
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						
2		SM/ML	Organic Soil Dark brown to black; moist; soft organic topsoil						
3			Silty Sand/Silt Yellow/orange; moist; loose; mostly fine-grained sand with some silt and trace gravel; rust-stained interbedded with Silt; light brown; moist; firm; mostly silt with trace sand			0.0			
4									
5									
6						0.0			
7									
8		CL	Lean Clay Light brown; moist; stiff; low plasticity; mostly clay with some silt and trace sand Slight petroleum-like odor						
9									
10									
11									
12						26			
13									
14		SP	Poorly Graded Sand Light gray; moist; mostly fine to medium grained sand; rust-stained Slight petroleum-like odor Interbedded with silty sand; becomes dark gray						
15									
16						29.9			
17									
18									
19									
20						0.3			
21			End of Borehole						
22									
23									
24									
25									



Boring/Well Designation: DPT-13

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-22-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

Drilling Contractor: ESN Northwest Inc.

Drill Rig: Kubota B7610 Limited Access

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:

REPAIR SHOP
AREA

DPT-13



AUTO SALES OFFICE AREA

AWNING

Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		OL	Concrete						
2			Organic Soil						
3			Dark brown; mostly organic soil with some silt and trace gravel						
4		CL	Lean Clay			0.0			
5			Yellow/brown; moist; stiff; low plasticity; mostly clay with some silt and trace sand						
6									
7									
8						1.4			
9			Slight unknown odor						
10									
11		SM	Silty Sand			0.0			
12			Yellow/orange; moist; mostly fine to medium sand with some silt and trace gravel						
13		ML	Silt with Sand						
14			Gray; moist; mostly silt with fine sand						
15		SP	Poorly Graded Sand			0.0			
16			Brown; wet; mostly fine to medium sand with trace gravel						
17		SW	Well-Graded Sand with Gravel			0.0			
18			Orange/brown; wet; mostly fine to coarse sand with some gravel; rust-stained						
19									
20									
21			End of Borehole						
22									

Natural sand pack

Ground water at
16' ATD

Temporary 2"
stainless steel
0.010-slot screen

Project No.: 51201.2

Boring/Well Designation: DPT-14

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-21-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1	GW		Well-Graded Gravel Gray; dry; loose; mostly gravel with sand						
2	SM		Silty Sand Dark brown; loose; mostly sand with little silt and trace glass and wood chunks			0.2			2" boring backfilled with hydrated bentonite chips
3									
4									
5	CL		Lean Clay Yellow/orange; moist; stiff; mostly clay with few sand						
6									
7									
8									
9	SM		Silty Sand Light brown; medium dense to dense; mostly fine sand with little silt (15%); rust-stained			0.0			Natural filter pack
10									
11	SP		Poorly-Graded Sand Light brown; saturated; medium dense; mostly fine sand with trace silt (5%); rust-stained			0.0			Ground water at 11' ATD
12									
13						0.0			Temporary 2" stainless steel 0.010-slot screen
14			Grades to fine to medium sand with trace gravel and trace silt;						
15						0.0			
16			End of Borehole						
17									
18									
19									
20									
21									
22									

Project No.: 51201.2



Boring/Well Designation: DPT-15

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-21-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GM	Silty Gravel Dark gray; dry; loose; mostly gravel with little sand						2" boring backfilled with hydrated bentonite chips
2		SM	Silty Sand Yellow/orange; moist; mostly fine to medium sand with little silt						
3		CL	Lean Clay Yellow/orange; moist; very stiff; low plasticity; mostly clay with some silt and trace fine sand			0.0			
4									
5									
6		SM	Silty Sand Light brown; moist/wet; medium dense to dense; mostly fine sand with little silt; rust-stained						
7						1.0			
8									
9									Groundwater at 9' ATD
10									
11		ML	Silt with Gravel Yellow/orange; moist; stiff; mostly silt with little fine gravel			0.0			Natural filter pack
12									
13		SP	Poorly-Graded Sand Light brown; mostly fine sand with trace silt; rust-stained			0.0			Temporary 2" stainless steel 0.010-slot screen
14									
15			End of Borehole						
16									
17									
18									
19									
20									
21									
22									

Project No.: 51201.2



Boring/Well Designation: DPT-16

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-21-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

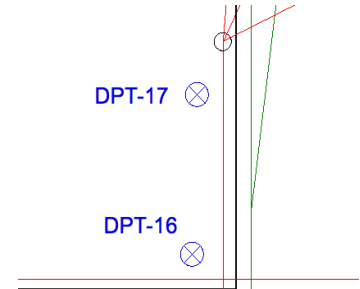
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GM	Silty Gravel						
2		SM	Silty Sand						
3		CL	Lean Clay Yellow/orange; moist; stiff; low plasticity; mostly clay with trace fine sand			1.0			
4									
5									
6									
7									
8						0.0			
9									
10									
11		SP	Poorly Graded Sand Light brown; wet; mostly fine to coarse sand with few gravel and trace silt (2%)						
12									
13						0.0			
14									
15		SP	Poorly-Graded Sand with Gravel Olive/gray; wet; mostly fine to medium sand with little gravel			0.0			
16									
17			End of Borehole						
18									
19									
20									
21									
22									



Boring/Well Designation: DPT-17

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-21-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

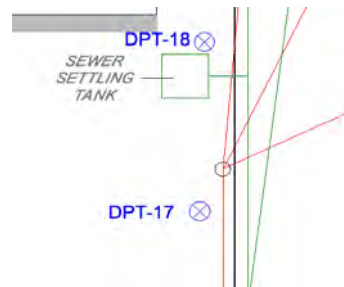
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GW	Sand with Gravel Dark gray; moist; mostly fine to coarse sand with little gravel						2" boring backfilled with hydrated bentonite chips
2		SP	Poorly Graded Sand Yellow/orange; moist; mostly fine sand; rust-stained						
3		CL	Lean Clay Yellow/orange; moist; mostly silt with trace sand (2%)			0.0			
4									
5									
6						0.0			
7									
8									
9									
10									
11									
12						0.0			
13									Natural sand pack
14		SP	Poorly Graded Sand Olive/gray; moist; mostly fine to medium sand with trace gravel			0.0			Ground water at 14' ATD
15									Temporary 2" stainless steel 0.010-slot screen
16			End of Borehole						
17									
18									
19									
20									



Boring/Well Designation: DPT-18

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-21-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

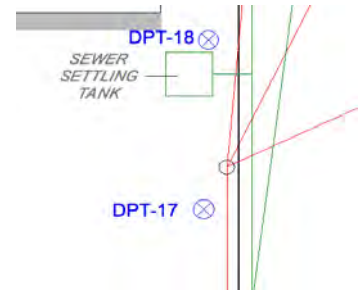
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		ML	Silt with Sand Black; moist; mostly silt with few sand and few gravel; fill						2" boring backfilled with hydrated bentonite chips
2		SP-SM	Poorly-Graded Sand with Silt Yellow/brown; moist; mostly fine sand with little silt; rust-stained; fill			0.0			
3									
4		CL	Lean Clay Yellow/orange; moist; mostly silt with trace sand; rust-stained						
5									
6									
7						0.0			
8		SM	Silty Sand Yellow/orange; wet; mostly sand with some silt; rust-stained						
9									
10		SP	Poorly Graded Sand Light gray; moist; fine to medium sand; rust-stained						
11									
12									
13									
14									
15									Natural filter pack
16			Interbed of fine to coarse gravel						
17									Ground water at Temporary 2" stainless steel 0.010-slot screen
18									
19									
20			End of Borehole						

Project No.: 51201.2

Boring/Well Designation: DPT-19

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-23-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

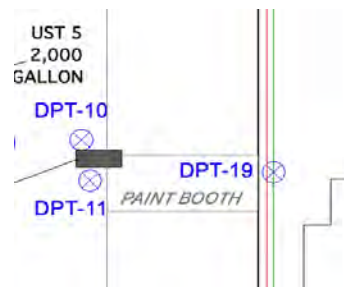
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW	Well-Graded Sand Brown; moist; mostly fine to coarse sand with some gravel; rust-stained						2" boring backfilled with hydrated bentonite chips
2									
3									
4									
5		CL	Lean Clay with Sand Light gray; moist; mostly clay with some fine sand; rust-stained			0.0			
6									
7									
8									
9						0.0			
10									
11									
12		SP	Poorly Graded Sand Light gray; mostly fine to medium sand; rust-stained						
13									
14						0.0			
15						2800			
16			Strong petroleum-like odor						16' ATD Temporary 0.010-slot screen
17									
18			Very strong petroleum-like odor			2800			
19									
20									
21			End of Borehole						

Boring/Well Designation: DPT-20

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-24-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

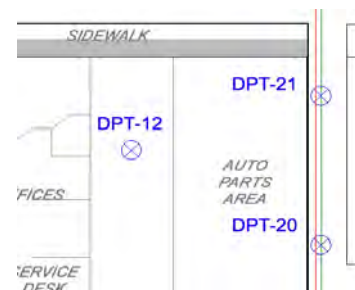
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW	Well-Graded Sand with Gravel Brown; moist; mostly fine to coarse sand with some gravel and trace silt						2" boring backfilled with hydrated bentonite chips
2									
3									
4						0.0			
5									
6		CL	Lean Clay with Sand Yellow/brown; moist; mostly clay with some fine sand; rust-stained						Natural sand pack
7									
8									
9						0.0			
10									
11									
12									
13									
14		SP	Poorly Graded Sand Light gray; moist; mostly fine to medium sand with trace gravel; heavy rust-staining			0.0			
15						15.0			
16									17' ATD Temporary 2" stainless steel 0.010-slot screen
17									
18						4.0			
19									
20		SW	Well-Graded Sand with Gravel Orange/brown; wet; mostly fine to coarse sand with some gravel			0.0			
21									
22			End of Borehole						

Project No.: 51201.2

Boring/Well Designation: DPT-21

Client: Whitney's Chevrolet

Logged By: K. Addis

Date of Drilling: 4-24-08

Site Address: 123 West Pioneer Avenue, Montesano, WA

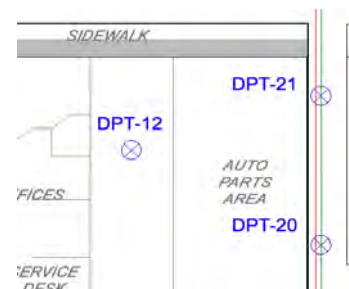
Drilling Contractor: ESN Northwest Inc.

Drill Rig: AMS Power Probe 9500 PTO

Method: Direct-Push Technology

Borehole: 2-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2		SW	Well-Graded Sand with Gravel Yellow/orange; moist; mostly fine to coarse sand with some gravel and few silt						2" boring backfilled with hydrated bentonite chips
3									
4									
5						1.2			
6									
7		CL	Lean Clay Light gray; moist; mostly clay with some silt and trace sand; rust-stained						
8						0.0			
9									
10						0.0			
11									
12									
13		SM	Silty Sand Yellow/orange; mostly fine to medium sand with trace gravel; rust-stained						Natural sand pack
14									
15		SP	Poorly Graded Sand Yellow/orange; wet; mostly fine to medium sand with trace gravel; rust-stained			0.0			
16									
17									
18			Becomes gray						
19			Becomes dark gray						
20						0.0			
21			End of Borehole						15.5' ATD Temporary 2" stainless steel 0.010-slot screen

Project No.: 51201.2

Boring/Well Designation: WCMW-1

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 5/27/08

Location: 123 West Pioneer Avenue, Montesano, WA

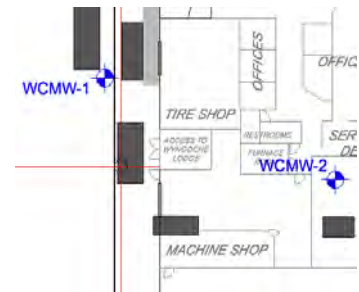
Drilling Contractor: Cascade Drilling, Inc.

Drill Rig: Limited-Access HSA

Method: Hollow-Stem Auger

Borehole: 6-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE			PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample		
0			Ground Surface						
1		GW	Asphalt						
2			Well-Graded Gravel with Sand						
3			Brown; moist; loose; mostly gravel with some sand and trace silt						
4									
5		CL	Lean Clay						
6			Gray; moist; stiff; some mottling			10, 13, 9	WCMW-1@5.5	0.0	
7									
8									
9									
10									
11		SP	Poorly-Graded Sand			1, 5, 5	WCMW-1@10.5	187.0	Slight petroleum-like odor
12			Gray; damp; very dense; mostly fine-grained sand						
13									
14									
15									
16						25, 50 (6")		2,521.0	Water Level at 15.5' ATD Strong petroleum-like odor
17									
18									
19									
20			Turns dark gray; wet						
21						23, 50 (6")		329.0	Moderate-Strong petroleum-like odor
22									
23									
24									
25			Turns brown/gray						
26								202.0	Moderate petroleum-like odor
27			End of Borehole						

Boring/Well Designation: WCMW-2

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 5/27/08

Location: 123 West Pioneer Avenue, Montesano, WA

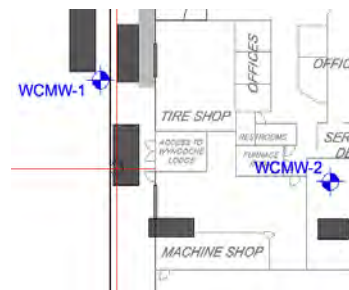
Drilling Contractor: Cascade Drilling, Inc.

Drill Rig: Limited-Access HSA

Method: Hollow-Stem Auger

Borehole: 6-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE			PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample		
0			Ground Surface						
1		SM	Concrete						
2			Silty Sand						
3			Yellow-orange; moist; moderately dense; fine-medium grained sand with some silt					0.0	
4									
5									
6		OL/OH	Organic Soil						
7			Dark brown; moist; loose						
8		CL	Lean Clay						
9			Gray-brown; moist; stiff silt; trace fine-grained sand			2, 5, 5	WCMW-2@7	0.0	
10			Turns gray						
11						4, 3, 9		1.3	
12									
13									
14		SP	Poorly-Graded Sand						
15			Brown; damp; very dense; fine sand						
16						50 (6")	WCMW-2@15	1,570.0	Strong petroleum-like odor
17									Water Level at 16' ATD
18									
19									
20									
21						17, 50 (5")		287	Moderate petroleum-like odor
22									
23									
24		SM	Silty Sand						
25			Dark gray; wet; dense; medium-coarse grained sand with some silt						
26						20, 50 (6")		12.9	Slight-Very Slight petroleum-like odor
27			End of Borehole						

Boring/Well Designation: WCMW-3

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 5/28/08

Location: 123 West Pioneer Avenue, Montesano, WA

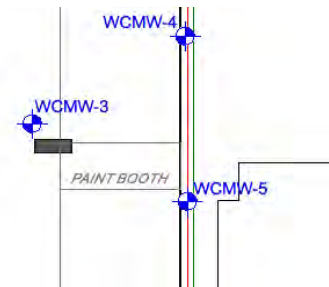
Drilling Contractor: Cascade Drilling, Inc.

Drill Rig: Limited-Access HSA

Method: Hollow-Stem Auger

Borehole: 6-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE				PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample			
0			Ground Surface							
1		OL/OH	Concrete							
2			Organic Soil							
3			Dark brown-black; loose; silty organic soil							
4										
5		SM	Silty Sand							
6			Light brown; moist; loose; fine silty sand			5, 7, 9	WCMW-2@15	2.5		
7										
8		CL	Lean Clay							
9			Light brown; moist; stiff; mostly clay with some silt and sand							
10						3, 4, 5		0.0		
11										
12		SP	Poorly-Graded Sand							
13			Gray; moist; very dense; fine-grained sand							
14										
15										
16						50 (6")	WCMW-3@15	161.0		Moderate petroleum-like odor
17										
18										
19			Wet							
20										
21						22, 50 (6")		2,867.0		
22										
23										
24										
25										
26						20, 50 (4")		345		Slight petroleum-like odor
27			End of Borehole							

Boring/Well Designation: WCMW-4

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 6/30/08

Location: 123 West Pioneer Avenue, Montesano, WA

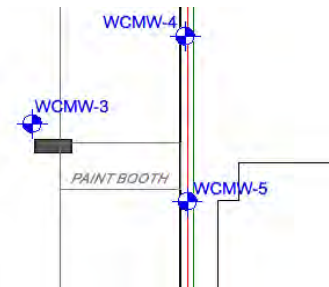
Drilling Contractor: ESN Northwest

Drill Rig: Truck

Method: Direct Push Technology (DPT)

Borehole: 8-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample	
0			Ground Surface					
1		SM	Asphalt					
2			Silty Sand					
3			Light brown; moist; loose; fine-grained sand					
4								
5		CL	Lean Clay					
6			Light brown/gray; moist; stiff; trace of fine-grained sand				WCMW-4@5.5 (WCMW-30)	
7								
8								
9		SP	Poorly Graded Sand					
10			Gray/brown/gray; moist; medium-dense; fine-grained sand with trace silt					
11								
12								
13								
14							WCMW-4@14.5 (WCMW-40)	
15								
16								
17								
18								
19								
20			Sluffing at 19' bgs - Will do DPT straight through to 26' bgs					
21								
22								
23								
24								
25								
26								
27			End of Borehole					

Water Level at 16' ADT

Boring/Well Designation: WCMW-5

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 6/30/08

Location: 123 West Pioneer Avenue, Montesano, WA

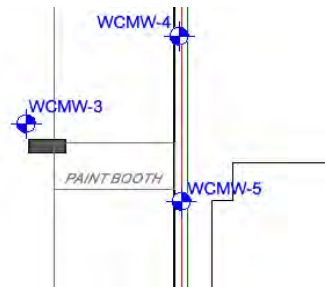
Drilling Contractor: ESN Northwest

Drill Rig: Truck

Method: Direct Push Technology (DPT)

Borehole: 8-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample	
0			Ground Surface					
1		SM	Asphalt					
2			Silty Sand					
3			Light brown; moist; fine-grained sand					
4								
5		CL	Lean Clay				WCMW-5@5 (WCMW-10)	
6			Light brown/gray; moist; stiff; trace of fine-grained sand					
7								
8								
9								
10								
11		SP	Poorly Graded Sand					
12			Brown; moist; medium-dense; fine-grained sand with trace silt					
13								
14							WCMW-5@14.5 (WCMW-20)	
15								
16								
17								
18								
19								
20			Sluffing at 19' bgs - Will do DPT straight through to 26' bgs					
21								
22								
23								
24								
25								
26								
27			End of Borehole					

Boring/Well Designation: WCMW-6

Client: Whitney's Chevrolet

Logged By: D. Galloway

Date of Drilling: 5/28/08

Location: 123 West Pioneer Avenue, Montesano, WA

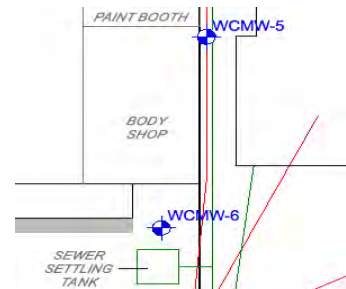
Drilling Contractor: Cascade Drilling, Inc.

Drill Rig: Limited-Access HSA

Method: Hollow-Stem Auger

Borehole: 6-inch

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery	Blows per 6"	Sample	
0			Ground Surface					
1		SM	Asphalt					
2			Silty Sand					
3			Light brown; moist; loose; fine-grained sand					
4		CL	Lean Clay					
5			Light brown; moist; stiff; trace of fine-grained sand					
6						3, 2, 3	WCMW-6@6	
7								
8								
9								
10		SP	Poorly-Graded Sand					
11			Light brown; moist; medium dense; fine-grained sand; some silt; some orange mottling			3, 4, 5		
12								
13								
14								
15			No silt					
16						50 (5")	WCMW-6@15	
17								
18								
19								
20								
21			Wet			50 (6")		
22								
23								
24								
25		SP	Poorly-Graded Sand			50 (6")		
26			Dark gray; wet; very dense; fine-medium grained sand					
27			End of Borehole					

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment C

March 24, 2010



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 2, 2008

Thom Morin
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-203

Dear Thom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 23, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'DB', followed by a horizontal line.

David Baumeister
Project Manager

Enclosures

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

Case Narrative

Samples were collected on April 21, 22, and 23, 2008 and received by the laboratory on April 23, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx (soil) Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis; and some samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The surrogate recoveries for samples DPT-12@7 and DPT-15@3.5 were below control limits. Samples were re-analyzed with similar results, indicating sample matrix effects.

The surrogate recovery for sample DPT-8@14 was above control limits, indicating a possible loss of volume of MEOH preservative. This would normally bias all results high, because the sample was non-detect no further action was taken.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B (soil) Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis; and some samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The samples associated with project Whitney's caused a degradation in the purge and trap system which diminished the presence of 2-Chloroethyl Vinyl Ether. Therefore, levels of 2-Chloroethyl Vinyl Ether could potentially exist at a much higher level than the reported Practical Quantitation Limit.

All four Internal Standards did not meet acceptance criteria for samples DPT-11@14.5, DPT-14@3, and DPT-16@3.5. The samples were re-analyzed with similar results. Leaks in the sealed VOA environment caused by grit between the VOA lip and VOA cap septum have been shown to cause low internal standard recovery. The samples were consequently extracted from 4-ounce jars, analyzed, and reported. Some loss of volatiles may have occurred.

Surrogate Standard 4-Bromofluorobenzene is outside the control limits for sample DPT-14@3 due to sample matrix effects. The sample was re-extracted and re-analyzed with similar results.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-HCID

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: DPT-6@12
Lab ID: 04-203-29

Gasoline: **ND**
PQL: 28

Diesel Fuel: **ND**
PQL: 70

Lube Oil: **Lube Oil**
PQL: 140

Surrogate Recovery:
o-Terphenyl 102%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**NWTPH-HCID
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0425S1

Gasoline: **ND**
PQL: 20

Diesel Fuel: **ND**
PQL: 50

Lube Oil: **ND**
PQL: 100

Surrogate Recovery:
o-Terphenyl 113%

Flags Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-7@14**
Lab ID: 04-203-02

DPT-8@10
04-204-03

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	250	O	23	38		7.0
Surrogate Recovery: Fluorobenzene	102%			66%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-8@14**
Lab ID: 04-203-04

DPT-9@8
04-203-06

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		4.3	ND		7.6
Surrogate Recovery: Fluorobenzene	122%	Q		72%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-9@13**
Lab ID: 04-203-07

DPT-10@10
04-203-08

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	64		5.0	ND		8.9
Surrogate Recovery: Fluorobenzene	89%			68%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-10@14.5**
Lab ID: 04-203-09

DPT-11@10
04-203-11

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		4.3	ND		10
Surrogate Recovery: Fluorobenzene	88%			61%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-11@14.5**
Lab ID: 04-203-12

DPT-12@7
04-203-14

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.2	ND		8.1
Surrogate Recovery: Fluorobenzene	84%			53%	Q	

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-12@15**
Lab ID: 04-203-15

DPT-14@3
04-203-16

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		4.8	ND		7.3
Surrogate Recovery: Fluorobenzene	68%			71%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-14@10**
Lab ID: 04-203-17

DPT-15@3.5
04-203-18

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.4	ND		7.0
Surrogate Recovery: Fluorobenzene	61%			54%	Q	

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-16@3.5**
Lab ID: 04-203-20

DPT-16@8.5
04-203-21

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		6.8	ND		5.3
Surrogate Recovery: Fluorobenzene	55%			63%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-17@6.5**
Lab ID: 04-203-22

DPT-17@12.5
04-203-23

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		6.6	ND		4.3
Surrogate Recovery: Fluorobenzene	62%			79%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-18@7**
Lab ID: 04-203-24

	Result	Flags	PQL
TPH-Gas	ND		6.8
Surrogate Recovery: Fluorobenzene	59%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-18@14**
Lab ID: 04-203-25

DPT-13@9
04-203-26

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		3.8	ND		7.0
Surrogate Recovery: Fluorobenzene	73%			66%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-13@13**
Lab ID: 04-203-27

DPT-6@16
04-203-30

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		3.3	ND		4.5
Surrogate Recovery: Fluorobenzene	74%			78%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0425S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	88%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0425S2

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	86%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0428S2

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	88%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08

Date Analyzed: 4-25-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-203-02 Original	04-203-02 Duplicate	RPD	Flags
TPH-Gas	222	226	2	
Surrogate Recovery:				
Fluorobenzene	102%	95%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08

Date Analyzed: 4-25-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-203-04 Original	04-203-04 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	122%	102%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-28-08

Date Analyzed: 4-28-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-203-25 Original	04-203-25 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	73%	73%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-7 H2O**
Lab ID: 04-203-32

DPT-8 H2O
04-203-33

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	8000		2000	46000		10000
Surrogate Recovery: Fluorobenzene	91%			85%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-9 H2O**
Lab ID: 04-203-34

DPT-10 H2O
04-203-35

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	36000		10000	64000		25000
Surrogate Recovery: Fluorobenzene	86%			91%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-11 H2O**
Lab ID: 04-203-36

DPT-12 H2O
04-203-37

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	50000		25000	200		100
Surrogate Recovery: Fluorobenzene	94%			98%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-14 H2O**
Lab ID: 04-203-38

DPT-15 H2O
04-203-39

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		100	ND		100
Surrogate Recovery: Fluorobenzene	97%			97%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-16 H2O**
Lab ID: 04-203-40

DPT-17 H2O
04-203-41

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		100	ND		100
Surrogate Recovery: Fluorobenzene	96%			89%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-18 H2O**
Lab ID: 04-203-42

DPT-13 H2O
04-203-43

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		100	610		100
Surrogate Recovery: Fluorobenzene	94%			94%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-6 H2O**
Lab ID: 04-203-44

	Result	Flags	PQL
TPH-Gas	5500		1000
Surrogate Recovery: Fluorobenzene	95%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0425W1

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	97%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0425W2

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	97%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	04-203-39 Original	04-203-39 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	97%	97%		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	04-203-40 Original	04-203-40 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	96%	96%		

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
 Date Analyzed: 4-25&28-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-7 @14	DPT-8 @10	DPT-8 @14
Lab ID:	04-203-02	04-203-03	04-203-04
Diesel Range:	310	1300	ND
PQL:	28	400	28
Identification:	Diesel Fuel#1	Diesel Fuel#1	---
Lube Oil Range:	730	16000	ND
PQL:	56	790	57
Identification:	Lube Oil	Lube Oil	---
Surrogate Recovery			
o-Terphenyl:	108%	---	98%
Flags:	Y	Y,S	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25&28-08
 Date Analyzed: 4-28,29&5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-9@8	DPT-9 @13	DPT-10 @10
Lab ID:	04-203-06	04-203-07	04-203-08
Diesel Range:	ND	210	ND
PQL:	40	29	1800
Identification:	---	Diesel Fuel#1	---
Lube Oil Range:	ND	2500	7100
PQL:	79	57	820
Identification:	---	Lube Oil	Lube Oil
Surrogate Recovery			
o-Terphenyl:	82%	82%	---
Flags:	Y	Y	U1,Y,S

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
 Date Analyzed: 4-28&5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-10 @14.5	DPT-11 @10	DPT-11 @14.5
Lab ID:	04-203-09	04-203-11	04-203-12
Diesel Range:	ND	ND	ND
PQL:	27	2000	31
Identification:	---	---	---
Lube Oil Range:	ND	9500	ND
PQL:	54	850	63
Identification:	---	Lube Oil	---
Surrogate Recovery			
o-Terphenyl:	75%	---	80%
Flags:	Y	U1,Y,S	Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-12 @7	DPT-12 @15	DPT-14 @3
Lab ID:	04-203-14	04-203-15	04-203-16
Diesel Range:	ND	ND	ND
PQL:	41	32	39
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	82	64	77
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	71%	85%	81%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
 Date Analyzed: 4-28-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-14 @10	DPT-15 @3.5	DPT-16 @3.5
Lab ID:	04-203-17	04-203-18	04-203-20
Diesel Range:	ND	ND	ND
PQL:	35	37	37
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	69	75	74
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	78%	75%	78%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
 Date Analyzed: 4-28-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-16 @8.5	DPT-17 @6.5	DPT-17@12.5
Lab ID:	04-203-21	04-203-22	04-203-23
Diesel Range:	ND	ND	ND
PQL:	34	37	29
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	68	75	58
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	81%	75%	74%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
 Date Analyzed: 4-28&5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-18 @7	DPT-18 @14	DPT-13 @9
Lab ID:	04-203-24	04-203-25	04-203-26
Diesel Range:	ND	ND	ND
PQL:	38	28	200
Identification:	---	---	---
Lube Oil Range:	ND	ND	7300
PQL:	76	57	780
Identification:	---	---	Lube Oil
Surrogate Recovery			
o-Terphenyl:	77%	78%	---
Flags:	Y	Y	U1,Y,S

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-13 @13	DPT-6 @16
Lab ID:	04-203-27	04-203-30

Diesel Range:	ND	ND
PQL:	27	31
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	54	61
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	77%	80%

Flags:	Y	Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0425S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 106%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0428S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 85%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-02 04-203-02 DUP

Diesel Range: **425** **320**
PQL: 25 25

RPD: 28

Surrogate Recovery
o-Terphenyl: 108% 100%

Flags: Y Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-07 04-203-07 DUP

Diesel Range: **539** **499**

PQL: 25 25

RPD: 8

Surrogate Recovery

o-Terphenyl: 82% 79%

Flags: Y Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-28-08
Date Analyzed: 4-28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-12 04-203-12 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 84% 84%

Flags: Y Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: DPT-6 @12
Lab ID: 04-203-29

Diesel Range: **ND**
PQL: 35
Identification: ---

Lube Oil Range: **210**
PQL: 70
Identification: Lube Oil

Surrogate Recovery
o-Terphenyl: 81%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0429S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 77%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-240-09 04-240-09 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 78% 84%

Flags: Y Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-7 H2O	DPT-8 H2O	DPT-9 H2O
Lab ID:	04-203-32	04-203-33	04-203-34
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	96%	103%	95%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-10 H2O	DPT-11 H2O	DPT-12 H2O
Lab ID:	04-203-35	04-203-36	04-203-37
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	101%	98%	126%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-14 H2O	DPT-15 H2O	DPT-16 H2O
Lab ID:	04-203-38	04-203-39	04-203-40
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	94%	109%	96%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
 Date Analyzed: 4-25&5-1-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-17 H2O	DPT-18 H2O	DPT-13 H2O
Lab ID:	04-203-41	04-203-42	04-203-43
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	96%	101%	105%
Flags:	Y	Y	Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: mg/L (ppm)

Client ID: **DPT-6 H2O**
Lab ID: 04-203-44

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 101%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0425W1

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 99%

Flags: Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 04-203-34 04-203-34 DUP

Diesel Range: **ND** **ND**
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 95% 98%

Flags: Y Y

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-25-08
Date Analyzed: 4-25-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 04-203-35 04-203-35 DUP

Diesel Range: **ND** **ND**
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 101% 98%

Flags: Y Y

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-02
Client ID: DPT-7@14

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.46
Chloromethane	ND		0.46
Vinyl Chloride	ND		0.46
Bromomethane	ND		0.093
Chloroethane	ND		0.46
Trichlorofluoromethane	ND		0.093
1,1-Dichloroethene	ND		0.093
Acetone	ND		0.46
Iodomethane	ND		0.46
Carbon Disulfide	ND		0.093
Methylene Chloride	ND		0.46
(trans) 1,2-Dichloroethene	ND		0.093
Methyl t-Butyl Ether	ND		0.093
1,1-Dichloroethane	ND		0.093
Vinyl Acetate	ND		0.46
2,2-Dichloropropane	ND		0.093
(cis) 1,2-Dichloroethene	ND		0.093
2-Butanone	ND		0.46
Bromochloromethane	ND		0.093
Chloroform	ND		0.093
1,1,1-Trichloroethane	ND		0.093
Carbon Tetrachloride	ND		0.093
1,1-Dichloropropene	ND		0.093
Benzene	ND		0.093
1,2-Dichloroethane	ND		0.093
Trichloroethene	ND		0.093
1,2-Dichloropropane	ND		0.093
Dibromomethane	ND		0.093
Bromodichloromethane	ND		0.093
2-Chloroethyl Vinyl Ether	ND		0.46
(cis) 1,3-Dichloropropene	ND		0.093
Methyl Isobutyl Ketone	ND		0.46
Toluene	ND		0.46
(trans) 1,3-Dichloropropene	ND		0.093

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-02
 Client ID: DPT-7@14

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.093
Tetrachloroethene	ND		0.093
1,3-Dichloropropane	ND		0.093
2-Hexanone	ND		0.46
Dibromochloromethane	ND		0.093
1,2-Dibromoethane	ND		0.093
Chlorobenzene	ND		0.093
1,1,1,2-Tetrachloroethane	ND		0.093
Ethylbenzene	3.0		0.093
m,p-Xylene	13		0.19
o-Xylene	0.30		0.093
Styrene	ND		0.093
Bromoform	ND		0.093
Isopropylbenzene	0.63		0.093
Bromobenzene	ND		0.093
1,1,2,2-Tetrachloroethane	ND		0.093
1,2,3-Trichloropropane	ND		0.093
n-Propylbenzene	2.2		0.093
2-Chlorotoluene	ND		0.093
4-Chlorotoluene	ND		0.093
1,3,5-Trimethylbenzene	4.1		0.093
tert-Butylbenzene	ND		0.093
1,2,4-Trimethylbenzene	16		0.093
sec-Butylbenzene	0.37		0.093
1,3-Dichlorobenzene	ND		0.093
p-Isopropyltoluene	0.46		0.093
1,4-Dichlorobenzene	ND		0.093
1,2-Dichlorobenzene	ND		0.093
n-Butylbenzene	1.2		0.093
1,2-Dibromo-3-chloropropane	ND		0.46
1,2,4-Trichlorobenzene	ND		0.093
Hexachlorobutadiene	ND		0.46
Naphthalene	4.5		0.093
1,2,3-Trichlorobenzene	ND		0.093

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	82	70-121
4-Bromofluorobenzene	99	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-25-08
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 04-203-03
 Client ID: DPT-8@10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.36
Chloromethane	ND		0.36
Vinyl Chloride	ND		0.36
Bromomethane	ND		0.071
Chloroethane	ND		0.36
Trichlorofluoromethane	ND		0.071
1,1-Dichloroethene	ND		0.071
Acetone	ND		0.36
Iodomethane	ND		0.36
Carbon Disulfide	ND		0.071
Methylene Chloride	ND		0.36
(trans) 1,2-Dichloroethene	ND		0.071
Methyl t-Butyl Ether	ND		0.071
1,1-Dichloroethane	ND		0.071
Vinyl Acetate	ND		0.36
2,2-Dichloropropane	ND		0.071
(cis) 1,2-Dichloroethene	ND		0.071
2-Butanone	ND		0.36
Bromochloromethane	ND		0.071
Chloroform	ND		0.071
1,1,1-Trichloroethane	ND		0.071
Carbon Tetrachloride	ND		0.071
1,1-Dichloropropene	ND		0.071
Benzene	0.080		0.071
1,2-Dichloroethane	ND		0.071
Trichloroethene	ND		0.071
1,2-Dichloropropane	ND		0.071
Dibromomethane	ND		0.071
Bromodichloromethane	ND		0.071
2-Chloroethyl Vinyl Ether	ND		0.36
(cis) 1,3-Dichloropropene	ND		0.071
Methyl Isobutyl Ketone	ND		0.36
Toluene	ND		0.36
(trans) 1,3-Dichloropropene	ND		0.071

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-03
 Client ID: DPT-8@10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.071
Tetrachloroethene	ND		0.071
1,3-Dichloropropane	ND		0.071
2-Hexanone	ND		0.36
Dibromochloromethane	ND		0.071
1,2-Dibromoethane	ND		0.071
Chlorobenzene	ND		0.071
1,1,1,2-Tetrachloroethane	ND		0.071
Ethylbenzene	0.21		0.071
m,p-Xylene	0.36		0.14
o-Xylene	0.52		0.071
Styrene	ND		0.071
Bromoform	ND		0.071
Isopropylbenzene	ND		0.071
Bromobenzene	ND		0.071
1,1,2,2-Tetrachloroethane	ND		0.071
1,2,3-Trichloropropane	ND		0.071
n-Propylbenzene	0.23		0.071
2-Chlorotoluene	ND		0.071
4-Chlorotoluene	ND		0.071
1,3,5-Trimethylbenzene	0.081		0.071
tert-Butylbenzene	ND		0.071
1,2,4-Trimethylbenzene	2.0		0.071
sec-Butylbenzene	ND		0.071
1,3-Dichlorobenzene	ND		0.071
p-Isopropyltoluene	ND		0.071
1,4-Dichlorobenzene	ND		0.071
1,2-Dichlorobenzene	ND		0.071
n-Butylbenzene	0.13		0.071
1,2-Dibromo-3-chloropropane	ND		0.36
1,2,4-Trichlorobenzene	ND		0.071
Hexachlorobutadiene	ND		0.36
Naphthalene	0.86		0.071
1,2,3-Trichlorobenzene	ND		0.071

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	70-118
Toluene-d8	88	70-121
4-Bromofluorobenzene	94	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-04
Client ID: DPT-8@14

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0036
Chloromethane	ND		0.0036
Vinyl Chloride	ND		0.0036
Bromomethane	ND		0.00072
Chloroethane	ND		0.0036
Trichlorofluoromethane	ND		0.00072
1,1-Dichloroethene	ND		0.00072
Acetone	ND		0.0036
Iodomethane	ND		0.0036
Carbon Disulfide	ND		0.00072
Methylene Chloride	ND		0.0036
(trans) 1,2-Dichloroethene	ND		0.00072
Methyl t-Butyl Ether	ND		0.00072
1,1-Dichloroethane	ND		0.00072
Vinyl Acetate	ND		0.0036
2,2-Dichloropropane	ND		0.00072
(cis) 1,2-Dichloroethene	ND		0.00072
2-Butanone	ND		0.0036
Bromochloromethane	ND		0.00072
Chloroform	ND		0.00072
1,1,1-Trichloroethane	ND		0.00072
Carbon Tetrachloride	ND		0.00072
1,1-Dichloropropene	ND		0.00072
Benzene	0.014		0.00072
1,2-Dichloroethane	ND		0.00072
Trichloroethene	ND		0.00072
1,2-Dichloropropane	ND		0.00072
Dibromomethane	ND		0.00072
Bromodichloromethane	ND		0.00072
2-Chloroethyl Vinyl Ether	ND		0.0036
(cis) 1,3-Dichloropropene	ND		0.00072
Methyl Isobutyl Ketone	ND		0.0036
Toluene	0.023		0.0036
(trans) 1,3-Dichloropropene	ND		0.00072

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-04
 Client ID: DPT-8@14

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00072
Tetrachloroethene	ND		0.00072
1,3-Dichloropropane	ND		0.00072
2-Hexanone	ND		0.0036
Dibromochloromethane	ND		0.00072
1,2-Dibromoethane	ND		0.00072
Chlorobenzene	ND		0.00072
1,1,1,2-Tetrachloroethane	ND		0.00072
Ethylbenzene	0.0096		0.00072
m,p-Xylene	0.020		0.0014
o-Xylene	0.015		0.00072
Styrene	ND		0.00072
Bromoform	ND		0.00072
Isopropylbenzene	ND		0.00072
Bromobenzene	ND		0.00072
1,1,2,2-Tetrachloroethane	ND		0.00072
1,2,3-Trichloropropane	ND		0.00072
n-Propylbenzene	0.0018		0.00072
2-Chlorotoluene	ND		0.00072
4-Chlorotoluene	ND		0.00072
1,3,5-Trimethylbenzene	0.0025		0.00072
tert-Butylbenzene	ND		0.00072
1,2,4-Trimethylbenzene	0.011		0.00072
sec-Butylbenzene	ND		0.00072
1,3-Dichlorobenzene	ND		0.00072
p-Isopropyltoluene	ND		0.00072
1,4-Dichlorobenzene	ND		0.00072
1,2-Dichlorobenzene	ND		0.00072
n-Butylbenzene	ND		0.00072
1,2-Dibromo-3-chloropropane	ND		0.0036
1,2,4-Trichlorobenzene	ND		0.00072
Hexachlorobutadiene	ND		0.0036
Naphthalene	0.0091		0.00072
1,2,3-Trichlorobenzene	ND		0.00072

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-06
Client ID: DPT-9@8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0043
Chloromethane	ND		0.0043
Vinyl Chloride	ND		0.0043
Bromomethane	ND		0.00086
Chloroethane	ND		0.0043
Trichlorofluoromethane	ND		0.00086
1,1-Dichloroethene	ND		0.00086
Acetone	0.052		0.0043
Iodomethane	ND		0.0043
Carbon Disulfide	ND		0.00086
Methylene Chloride	ND		0.0043
(trans) 1,2-Dichloroethene	ND		0.00086
Methyl t-Butyl Ether	ND		0.00086
1,1-Dichloroethane	ND		0.00086
Vinyl Acetate	ND		0.0043
2,2-Dichloropropane	ND		0.00086
(cis) 1,2-Dichloroethene	ND		0.00086
2-Butanone	ND		0.0043
Bromochloromethane	ND		0.00086
Chloroform	ND		0.00086
1,1,1-Trichloroethane	0.011		0.00086
Carbon Tetrachloride	ND		0.00086
1,1-Dichloropropene	ND		0.00086
Benzene	ND		0.00086
1,2-Dichloroethane	ND		0.00086
Trichloroethene	ND		0.00086
1,2-Dichloropropane	ND		0.00086
Dibromomethane	ND		0.00086
Bromodichloromethane	ND		0.00086
2-Chloroethyl Vinyl Ether	ND		0.0043
(cis) 1,3-Dichloropropene	ND		0.00086
Methyl Isobutyl Ketone	ND		0.0043
Toluene	ND		0.0043
(trans) 1,3-Dichloropropene	ND		0.00086

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-06

Client ID: DPT-9@8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00086
Tetrachloroethene	0.0019		0.00086
1,3-Dichloropropane	ND		0.00086
2-Hexanone	ND		0.0043
Dibromochloromethane	ND		0.00086
1,2-Dibromoethane	ND		0.00086
Chlorobenzene	ND		0.00086
1,1,1,2-Tetrachloroethane	ND		0.00086
Ethylbenzene	ND		0.00086
m,p-Xylene	ND		0.0017
o-Xylene	ND		0.00086
Styrene	ND		0.00086
Bromoform	ND		0.00086
Isopropylbenzene	ND		0.00086
Bromobenzene	ND		0.00086
1,1,2,2-Tetrachloroethane	ND		0.00086
1,2,3-Trichloropropane	ND		0.00086
n-Propylbenzene	ND		0.00086
2-Chlorotoluene	ND		0.00086
4-Chlorotoluene	ND		0.00086
1,3,5-Trimethylbenzene	ND		0.00086
tert-Butylbenzene	ND		0.00086
1,2,4-Trimethylbenzene	ND		0.00086
sec-Butylbenzene	ND		0.00086
1,3-Dichlorobenzene	ND		0.00086
p-Isopropyltoluene	ND		0.00086
1,4-Dichlorobenzene	ND		0.00086
1,2-Dichlorobenzene	ND		0.00086
n-Butylbenzene	ND		0.00086
1,2-Dibromo-3-chloropropane	ND		0.0043
1,2,4-Trichlorobenzene	ND		0.00086
Hexachlorobutadiene	ND		0.0043
Naphthalene	ND		0.00086
1,2,3-Trichlorobenzene	ND		0.00086

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	70-118
Toluene-d8	91	70-121
4-Bromofluorobenzene	99	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-25-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-203-07
 Client ID: DPT-9@13

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.26
Chloromethane	ND		0.26
Vinyl Chloride	ND		0.26
Bromomethane	ND		0.053
Chloroethane	ND		0.26
Trichlorofluoromethane	ND		0.053
1,1-Dichloroethene	ND		0.053
Acetone	ND		0.26
Iodomethane	ND		0.26
Carbon Disulfide	ND		0.053
Methylene Chloride	ND		0.26
(trans) 1,2-Dichloroethene	ND		0.053
Methyl t-Butyl Ether	ND		0.053
1,1-Dichloroethane	ND		0.053
Vinyl Acetate	ND		0.26
2,2-Dichloropropane	ND		0.053
(cis) 1,2-Dichloroethene	ND		0.053
2-Butanone	ND		0.26
Bromochloromethane	ND		0.053
Chloroform	ND		0.053
1,1,1-Trichloroethane	ND		0.053
Carbon Tetrachloride	ND		0.053
1,1-Dichloropropene	ND		0.053
Benzene	ND		0.053
1,2-Dichloroethane	ND		0.053
Trichloroethene	ND		0.053
1,2-Dichloropropane	ND		0.053
Dibromomethane	ND		0.053
Bromodichloromethane	ND		0.053
2-Chloroethyl Vinyl Ether	ND		0.26
(cis) 1,3-Dichloropropene	ND		0.053
Methyl Isobutyl Ketone	ND		0.26
Toluene	ND		0.26
(trans) 1,3-Dichloropropene	ND		0.053

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-07
 Client ID: DPT-9@13

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.053
Tetrachloroethene	ND		0.053
1,3-Dichloropropane	ND		0.053
2-Hexanone	ND		0.26
Dibromochloromethane	ND		0.053
1,2-Dibromoethane	ND		0.053
Chlorobenzene	ND		0.053
1,1,1,2-Tetrachloroethane	ND		0.053
Ethylbenzene	0.33		0.053
m,p-Xylene	0.83		0.11
o-Xylene	0.60		0.053
Styrene	ND		0.053
Bromoform	ND		0.053
Isopropylbenzene	0.11		0.053
Bromobenzene	ND		0.053
1,1,2,2-Tetrachloroethane	ND		0.053
1,2,3-Trichloropropane	ND		0.053
n-Propylbenzene	0.51		0.053
2-Chlorotoluene	ND		0.053
4-Chlorotoluene	ND		0.053
1,3,5-Trimethylbenzene	0.97		0.053
tert-Butylbenzene	ND		0.053
1,2,4-Trimethylbenzene	3.8		0.053
sec-Butylbenzene	0.10		0.053
1,3-Dichlorobenzene	ND		0.053
p-Isopropyltoluene	0.097		0.053
1,4-Dichlorobenzene	ND		0.053
1,2-Dichlorobenzene	ND		0.053
n-Butylbenzene	0.43		0.053
1,2-Dibromo-3-chloropropane	ND		0.26
1,2,4-Trichlorobenzene	ND		0.053
Hexachlorobutadiene	ND		0.26
Naphthalene	0.47		0.053
1,2,3-Trichlorobenzene	ND		0.053

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	70-118
Toluene-d8	88	70-121
4-Bromofluorobenzene	98	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-08
 Client ID: DPT-10@10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0052
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0052
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	ND		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-08
 Client ID: DPT-10@10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	0.0025		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.0025		0.0010
m,p-Xylene	0.010		0.0021
o-Xylene	0.0099		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0015		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0029		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	0.0024		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	0.0085		0.0010
sec-Butylbenzene	0.0017		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	0.0034		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	0.020		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	70-118
Toluene-d8	80	70-121
4-Bromofluorobenzene	89	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-203-09
 Client ID: DPT-10@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0035
Chloromethane	ND		0.0035
Vinyl Chloride	ND		0.0035
Bromomethane	ND		0.00071
Chloroethane	ND		0.0035
Trichlorofluoromethane	ND		0.00071
1,1-Dichloroethene	ND		0.00071
Acetone	ND		0.0035
Iodomethane	ND		0.0035
Carbon Disulfide	ND		0.00071
Methylene Chloride	ND		0.0035
(trans) 1,2-Dichloroethene	ND		0.00071
Methyl t-Butyl Ether	ND		0.00071
1,1-Dichloroethane	ND		0.00071
Vinyl Acetate	ND		0.0035
2,2-Dichloropropane	ND		0.00071
(cis) 1,2-Dichloroethene	ND		0.00071
2-Butanone	ND		0.0035
Bromochloromethane	ND		0.00071
Chloroform	ND		0.00071
1,1,1-Trichloroethane	ND		0.00071
Carbon Tetrachloride	ND		0.00071
1,1-Dichloropropene	ND		0.00071
Benzene	0.0041		0.00071
1,2-Dichloroethane	ND		0.00071
Trichloroethene	ND		0.00071
1,2-Dichloropropane	ND		0.00071
Dibromomethane	ND		0.00071
Bromodichloromethane	ND		0.00071
2-Chloroethyl Vinyl Ether	ND		0.0035
(cis) 1,3-Dichloropropene	ND		0.00071
Methyl Isobutyl Ketone	ND		0.0035
Toluene	0.0088		0.0035
(trans) 1,3-Dichloropropene	ND		0.00071

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-09
 Client ID: DPT-10@14.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00071
Tetrachloroethene	ND		0.00071
1,3-Dichloropropane	ND		0.00071
2-Hexanone	ND		0.0035
Dibromochloromethane	ND		0.00071
1,2-Dibromoethane	ND		0.00071
Chlorobenzene	ND		0.00071
1,1,1,2-Tetrachloroethane	ND		0.00071
Ethylbenzene	0.011		0.00071
m,p-Xylene	0.050		0.0014
o-Xylene	0.029		0.00071
Styrene	ND		0.00071
Bromoform	ND		0.00071
Isopropylbenzene	0.0017		0.00071
Bromobenzene	ND		0.00071
1,1,2,2-Tetrachloroethane	ND		0.00071
1,2,3-Trichloropropane	ND		0.00071
n-Propylbenzene	0.0063		0.00071
2-Chlorotoluene	ND		0.00071
4-Chlorotoluene	ND		0.00071
1,3,5-Trimethylbenzene	0.012		0.00071
tert-Butylbenzene	ND		0.00071
1,2,4-Trimethylbenzene	0.048		0.00071
sec-Butylbenzene	0.00076		0.00071
1,3-Dichlorobenzene	ND		0.00071
p-Isopropyltoluene	ND		0.00071
1,4-Dichlorobenzene	ND		0.00071
1,2-Dichlorobenzene	ND		0.00071
n-Butylbenzene	0.0025		0.00071
1,2-Dibromo-3-chloropropane	ND		0.0035
1,2,4-Trichlorobenzene	ND		0.00071
Hexachlorobutadiene	ND		0.0035
Naphthalene	0.0099		0.00071
1,2,3-Trichlorobenzene	ND		0.00071

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	70-118
Toluene-d8	84	70-121
4-Bromofluorobenzene	95	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-11
 Client ID: DPT-11@10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0074
Chloromethane	ND		0.0074
Vinyl Chloride	ND		0.0074
Bromomethane	ND		0.0015
Chloroethane	ND		0.0074
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	ND		0.0074
Iodomethane	ND		0.0074
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0074
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0074
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	ND		0.0074
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0074
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0074
Toluene	ND		0.0074
(trans) 1,3-Dichloropropene	ND		0.0015

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-11
 Client ID: DPT-11@10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	ND		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0074
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0030
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0074
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0074
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	85	70-121
4-Bromofluorobenzene	95	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-203-12
Client ID: DPT-11@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.013
Chloromethane	ND		0.013
Vinyl Chloride	ND		0.013
Bromomethane	ND		0.0025
Chloroethane	ND		0.013
Trichlorofluoromethane	ND		0.0025
1,1-Dichloroethene	ND		0.0025
Acetone	ND		0.013
Iodomethane	ND		0.013
Carbon Disulfide	ND		0.0025
Methylene Chloride	ND		0.013
(trans) 1,2-Dichloroethene	ND		0.0025
Methyl t-Butyl Ether	ND		0.0025
1,1-Dichloroethane	ND		0.0025
Vinyl Acetate	ND		0.013
2,2-Dichloropropane	ND		0.0025
(cis) 1,2-Dichloroethene	ND		0.0025
2-Butanone	ND		0.013
Bromochloromethane	ND		0.0025
Chloroform	ND		0.0025
1,1,1-Trichloroethane	ND		0.0025
Carbon Tetrachloride	ND		0.0025
1,1-Dichloropropene	ND		0.0025
Benzene	ND		0.0025
1,2-Dichloroethane	ND		0.0025
Trichloroethene	ND		0.0025
1,2-Dichloropropane	ND		0.0025
Dibromomethane	ND		0.0025
Bromodichloromethane	ND		0.0025
2-Chloroethyl Vinyl Ether	ND		0.013
(cis) 1,3-Dichloropropene	ND		0.0025
Methyl Isobutyl Ketone	ND		0.013
Toluene	ND		0.013
(trans) 1,3-Dichloropropene	ND		0.0025

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-12
 Client ID: DPT-11@14.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0025
Tetrachloroethene	ND		0.0025
1,3-Dichloropropane	ND		0.0025
2-Hexanone	ND		0.013
Dibromochloromethane	ND		0.0025
1,2-Dibromoethane	ND		0.0025
Chlorobenzene	ND		0.0025
1,1,1,2-Tetrachloroethane	ND		0.0025
Ethylbenzene	ND		0.0025
m,p-Xylene	ND		0.0050
o-Xylene	ND		0.0025
Styrene	ND		0.0025
Bromoform	ND		0.0025
Isopropylbenzene	ND		0.0025
Bromobenzene	ND		0.0025
1,1,2,2-Tetrachloroethane	ND		0.0025
1,2,3-Trichloropropane	ND		0.0025
n-Propylbenzene	ND		0.0025
2-Chlorotoluene	ND		0.0025
4-Chlorotoluene	ND		0.0025
1,3,5-Trimethylbenzene	ND		0.0025
tert-Butylbenzene	ND		0.0025
1,2,4-Trimethylbenzene	ND		0.0025
sec-Butylbenzene	ND		0.0025
1,3-Dichlorobenzene	ND		0.0025
p-Isopropyltoluene	ND		0.0025
1,4-Dichlorobenzene	ND		0.0025
1,2-Dichlorobenzene	ND		0.0025
n-Butylbenzene	ND		0.0025
1,2-Dibromo-3-chloropropane	ND		0.013
1,2,4-Trichlorobenzene	ND		0.0025
Hexachlorobutadiene	ND		0.013
Naphthalene	ND		0.0025
1,2,3-Trichlorobenzene	ND		0.0025

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	70	70-118
Toluene-d8	74	70-121
4-Bromofluorobenzene	76	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-14
Client ID: DPT-12@7

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0056
Chloromethane	ND		0.0056
Vinyl Chloride	ND		0.0056
Bromomethane	ND		0.0011
Chloroethane	ND		0.0056
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.088		0.0056
Iodomethane	ND		0.0056
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0056
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0056
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	0.0078		0.0056
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0056
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0056
Toluene	ND		0.0056
(trans) 1,3-Dichloropropene	ND		0.0011

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-14
 Client ID: DPT-12@7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0056
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0056
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0056
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	83	70-118
Toluene-d8	92	70-121
4-Bromofluorobenzene	93	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 04-203-15
 Client ID: DPT-12@15

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0032
Chloromethane	ND		0.0032
Vinyl Chloride	ND		0.0032
Bromomethane	ND		0.00064
Chloroethane	ND		0.0032
Trichlorofluoromethane	ND		0.00064
1,1-Dichloroethene	ND		0.00064
Acetone	ND		0.0032
Iodomethane	ND		0.0032
Carbon Disulfide	ND		0.00064
Methylene Chloride	ND		0.0032
(trans) 1,2-Dichloroethene	ND		0.00064
Methyl t-Butyl Ether	ND		0.00064
1,1-Dichloroethane	ND		0.00064
Vinyl Acetate	ND		0.0032
2,2-Dichloropropane	ND		0.00064
(cis) 1,2-Dichloroethene	ND		0.00064
2-Butanone	ND		0.0032
Bromochloromethane	ND		0.00064
Chloroform	ND		0.00064
1,1,1-Trichloroethane	ND		0.00064
Carbon Tetrachloride	ND		0.00064
1,1-Dichloropropene	ND		0.00064
Benzene	0.028		0.00064
1,2-Dichloroethane	ND		0.00064
Trichloroethene	ND		0.00064
1,2-Dichloropropane	ND		0.00064
Dibromomethane	ND		0.00064
Bromodichloromethane	ND		0.00064
2-Chloroethyl Vinyl Ether	ND		0.0032
(cis) 1,3-Dichloropropene	ND		0.00064
Methyl Isobutyl Ketone	ND		0.0032
Toluene	ND		0.0032
(trans) 1,3-Dichloropropene	ND		0.00064

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-15
 Client ID: DPT-12@15

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00064
Tetrachloroethene	0.0047		0.00064
1,3-Dichloropropane	ND		0.00064
2-Hexanone	ND		0.0032
Dibromochloromethane	ND		0.00064
1,2-Dibromoethane	ND		0.00064
Chlorobenzene	ND		0.00064
1,1,1,2-Tetrachloroethane	ND		0.00064
Ethylbenzene	0.0056		0.00064
m,p-Xylene	0.0018		0.0013
o-Xylene	0.0028		0.00064
Styrene	ND		0.00064
Bromoform	ND		0.00064
Isopropylbenzene	0.010		0.00064
Bromobenzene	ND		0.00064
1,1,2,2-Tetrachloroethane	ND		0.00064
1,2,3-Trichloropropane	ND		0.00064
n-Propylbenzene	0.0089		0.00064
2-Chlorotoluene	ND		0.00064
4-Chlorotoluene	ND		0.00064
1,3,5-Trimethylbenzene	ND		0.00064
tert-Butylbenzene	ND		0.00064
1,2,4-Trimethylbenzene	0.00087		0.00064
sec-Butylbenzene	0.0014		0.00064
1,3-Dichlorobenzene	ND		0.00064
p-Isopropyltoluene	0.00083		0.00064
1,4-Dichlorobenzene	ND		0.00064
1,2-Dichlorobenzene	ND		0.00064
n-Butylbenzene	0.0019		0.00064
1,2-Dibromo-3-chloropropane	ND		0.0032
1,2,4-Trichlorobenzene	ND		0.00064
Hexachlorobutadiene	ND		0.0032
Naphthalene	0.012		0.00064
1,2,3-Trichlorobenzene	ND		0.00064

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	96	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-203-16

Client ID: DPT-14@3

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.015
Chloromethane	ND		0.015
Vinyl Chloride	ND		0.015
Bromomethane	ND		0.0031
Chloroethane	ND		0.015
Trichlorofluoromethane	ND		0.0031
1,1-Dichloroethene	ND		0.0031
Acetone	ND		0.015
Iodomethane	ND		0.015
Carbon Disulfide	ND		0.0031
Methylene Chloride	0.025	H	0.015
(trans) 1,2-Dichloroethene	ND		0.0031
Methyl t-Butyl Ether	ND		0.0031
1,1-Dichloroethane	ND		0.0031
Vinyl Acetate	ND		0.015
2,2-Dichloropropane	ND		0.0031
(cis) 1,2-Dichloroethene	ND		0.0031
2-Butanone	ND		0.015
Bromochloromethane	ND		0.0031
Chloroform	ND		0.0031
1,1,1-Trichloroethane	ND		0.0031
Carbon Tetrachloride	ND		0.0031
1,1-Dichloropropene	ND		0.0031
Benzene	ND		0.0031
1,2-Dichloroethane	ND		0.0031
Trichloroethene	ND		0.0031
1,2-Dichloropropane	ND		0.0031
Dibromomethane	ND		0.0031
Bromodichloromethane	ND		0.0031
2-Chloroethyl Vinyl Ether	ND		0.015
(cis) 1,3-Dichloropropene	ND		0.0031
Methyl Isobutyl Ketone	ND		0.015
Toluene	ND		0.015
(trans) 1,3-Dichloropropene	ND		0.0031

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-16
 Client ID: DPT-14@3

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0031
Tetrachloroethene	ND		0.0031
1,3-Dichloropropane	ND		0.0031
2-Hexanone	ND		0.015
Dibromochloromethane	ND		0.0031
1,2-Dibromoethane	ND		0.0031
Chlorobenzene	ND		0.0031
1,1,1,2-Tetrachloroethane	ND		0.0031
Ethylbenzene	ND		0.0031
m,p-Xylene	ND		0.0062
o-Xylene	ND		0.0031
Styrene	ND		0.0031
Bromoform	ND		0.0031
Isopropylbenzene	ND		0.0031
Bromobenzene	ND		0.0031
1,1,2,2-Tetrachloroethane	ND		0.0031
1,2,3-Trichloropropane	ND		0.0031
n-Propylbenzene	ND		0.0031
2-Chlorotoluene	ND		0.0031
4-Chlorotoluene	ND		0.0031
1,3,5-Trimethylbenzene	ND		0.0031
tert-Butylbenzene	ND		0.0031
1,2,4-Trimethylbenzene	ND		0.0031
sec-Butylbenzene	ND		0.0031
1,3-Dichlorobenzene	ND		0.0031
p-Isopropyltoluene	ND		0.0031
1,4-Dichlorobenzene	ND		0.0031
1,2-Dichlorobenzene	ND		0.0031
n-Butylbenzene	ND		0.0031
1,2-Dibromo-3-chloropropane	ND		0.015
1,2,4-Trichlorobenzene	ND		0.0031
Hexachlorobutadiene	ND		0.015
Naphthalene	ND		0.0031
1,2,3-Trichlorobenzene	ND		0.0031

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	72	70-118
Toluene-d8	71	70-121
4-Bromofluorobenzene	65	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-17
Client ID: DPT-14@10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0036
Chloromethane	ND		0.0036
Vinyl Chloride	ND		0.0036
Bromomethane	ND		0.00071
Chloroethane	ND		0.0036
Trichlorofluoromethane	ND		0.00071
1,1-Dichloroethene	ND		0.00071
Acetone	0.013		0.0036
Iodomethane	ND		0.0036
Carbon Disulfide	ND		0.00071
Methylene Chloride	ND		0.0036
(trans) 1,2-Dichloroethene	ND		0.00071
Methyl t-Butyl Ether	ND		0.00071
1,1-Dichloroethane	ND		0.00071
Vinyl Acetate	ND		0.0036
2,2-Dichloropropane	ND		0.00071
(cis) 1,2-Dichloroethene	ND		0.00071
2-Butanone	ND		0.0036
Bromochloromethane	ND		0.00071
Chloroform	ND		0.00071
1,1,1-Trichloroethane	ND		0.00071
Carbon Tetrachloride	ND		0.00071
1,1-Dichloropropene	ND		0.00071
Benzene	ND		0.00071
1,2-Dichloroethane	ND		0.00071
Trichloroethene	ND		0.00071
1,2-Dichloropropane	ND		0.00071
Dibromomethane	ND		0.00071
Bromodichloromethane	ND		0.00071
2-Chloroethyl Vinyl Ether	ND		0.0036
(cis) 1,3-Dichloropropene	ND		0.00071
Methyl Isobutyl Ketone	ND		0.0036
Toluene	ND		0.0036
(trans) 1,3-Dichloropropene	ND		0.00071

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-17
 Client ID: DPT-14@10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00071
Tetrachloroethene	ND		0.00071
1,3-Dichloropropane	ND		0.00071
2-Hexanone	ND		0.0036
Dibromochloromethane	ND		0.00071
1,2-Dibromoethane	ND		0.00071
Chlorobenzene	ND		0.00071
1,1,1,2-Tetrachloroethane	ND		0.00071
Ethylbenzene	ND		0.00071
m,p-Xylene	ND		0.0014
o-Xylene	ND		0.00071
Styrene	ND		0.00071
Bromoform	ND		0.00071
Isopropylbenzene	ND		0.00071
Bromobenzene	ND		0.00071
1,1,2,2-Tetrachloroethane	ND		0.00071
1,2,3-Trichloropropane	ND		0.00071
n-Propylbenzene	ND		0.00071
2-Chlorotoluene	ND		0.00071
4-Chlorotoluene	ND		0.00071
1,3,5-Trimethylbenzene	ND		0.00071
tert-Butylbenzene	ND		0.00071
1,2,4-Trimethylbenzene	ND		0.00071
sec-Butylbenzene	ND		0.00071
1,3-Dichlorobenzene	ND		0.00071
p-Isopropyltoluene	ND		0.00071
1,4-Dichlorobenzene	ND		0.00071
1,2-Dichlorobenzene	ND		0.00071
n-Butylbenzene	ND		0.00071
1,2-Dibromo-3-chloropropane	ND		0.0036
1,2,4-Trichlorobenzene	ND		0.00071
Hexachlorobutadiene	ND		0.0036
Naphthalene	ND		0.00071
1,2,3-Trichlorobenzene	ND		0.00071

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	98	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-18
Client ID: DPT-15@3.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0045
Chloromethane	ND		0.0045
Vinyl Chloride	ND		0.0045
Bromomethane	ND		0.00090
Chloroethane	ND		0.0045
Trichlorofluoromethane	ND		0.00090
1,1-Dichloroethene	ND		0.00090
Acetone	0.18		0.0045
Iodomethane	ND		0.0045
Carbon Disulfide	ND		0.00090
Methylene Chloride	ND		0.0045
(trans) 1,2-Dichloroethene	ND		0.00090
Methyl t-Butyl Ether	ND		0.00090
1,1-Dichloroethane	ND		0.00090
Vinyl Acetate	ND		0.0045
2,2-Dichloropropane	ND		0.00090
(cis) 1,2-Dichloroethene	ND		0.00090
2-Butanone	0.0097		0.0045
Bromochloromethane	ND		0.00090
Chloroform	ND		0.00090
1,1,1-Trichloroethane	ND		0.00090
Carbon Tetrachloride	ND		0.00090
1,1-Dichloropropene	ND		0.00090
Benzene	ND		0.00090
1,2-Dichloroethane	ND		0.00090
Trichloroethene	ND		0.00090
1,2-Dichloropropane	ND		0.00090
Dibromomethane	ND		0.00090
Bromodichloromethane	ND		0.00090
2-Chloroethyl Vinyl Ether	ND		0.0045
(cis) 1,3-Dichloropropene	ND		0.00090
Methyl Isobutyl Ketone	ND		0.0045
Toluene	ND		0.0045
(trans) 1,3-Dichloropropene	ND		0.00090

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-18
 Client ID: DPT-15@3.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00090
Tetrachloroethene	ND		0.00090
1,3-Dichloropropane	ND		0.00090
2-Hexanone	ND		0.0045
Dibromochloromethane	ND		0.00090
1,2-Dibromoethane	ND		0.00090
Chlorobenzene	ND		0.00090
1,1,1,2-Tetrachloroethane	ND		0.00090
Ethylbenzene	ND		0.00090
m,p-Xylene	ND		0.0018
o-Xylene	ND		0.00090
Styrene	ND		0.00090
Bromoform	ND		0.00090
Isopropylbenzene	ND		0.00090
Bromobenzene	ND		0.00090
1,1,2,2-Tetrachloroethane	ND		0.00090
1,2,3-Trichloropropane	ND		0.00090
n-Propylbenzene	ND		0.00090
2-Chlorotoluene	ND		0.00090
4-Chlorotoluene	ND		0.00090
1,3,5-Trimethylbenzene	ND		0.00090
tert-Butylbenzene	ND		0.00090
1,2,4-Trimethylbenzene	ND		0.00090
sec-Butylbenzene	ND		0.00090
1,3-Dichlorobenzene	ND		0.00090
p-Isopropyltoluene	ND		0.00090
1,4-Dichlorobenzene	ND		0.00090
1,2-Dichlorobenzene	ND		0.00090
n-Butylbenzene	ND		0.00090
1,2-Dibromo-3-chloropropane	ND		0.0045
1,2,4-Trichlorobenzene	ND		0.00090
Hexachlorobutadiene	ND		0.0045
Naphthalene	ND		0.00090
1,2,3-Trichlorobenzene	ND		0.00090

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	94	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-19
Client ID: DPT-15@9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0038
Chloromethane	ND		0.0038
Vinyl Chloride	ND		0.0038
Bromomethane	ND		0.00075
Chloroethane	ND		0.0038
Trichlorofluoromethane	ND		0.00075
1,1-Dichloroethene	ND		0.00075
Acetone	0.087		0.0038
Iodomethane	ND		0.0038
Carbon Disulfide	ND		0.00075
Methylene Chloride	ND		0.0038
(trans) 1,2-Dichloroethene	ND		0.00075
Methyl t-Butyl Ether	ND		0.00075
1,1-Dichloroethane	ND		0.00075
Vinyl Acetate	ND		0.0038
2,2-Dichloropropane	ND		0.00075
(cis) 1,2-Dichloroethene	ND		0.00075
2-Butanone	ND		0.0038
Bromochloromethane	ND		0.00075
Chloroform	ND		0.00075
1,1,1-Trichloroethane	ND		0.00075
Carbon Tetrachloride	ND		0.00075
1,1-Dichloropropene	ND		0.00075
Benzene	ND		0.00075
1,2-Dichloroethane	ND		0.00075
Trichloroethene	ND		0.00075
1,2-Dichloropropane	ND		0.00075
Dibromomethane	ND		0.00075
Bromodichloromethane	ND		0.00075
2-Chloroethyl Vinyl Ether	ND		0.0038
(cis) 1,3-Dichloropropene	ND		0.00075
Methyl Isobutyl Ketone	ND		0.0038
Toluene	ND		0.0038
(trans) 1,3-Dichloropropene	ND		0.00075

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-19
 Client ID: DPT-15@9

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00075
Tetrachloroethene	ND		0.00075
1,3-Dichloropropane	ND		0.00075
2-Hexanone	ND		0.0038
Dibromochloromethane	ND		0.00075
1,2-Dibromoethane	ND		0.00075
Chlorobenzene	ND		0.00075
1,1,1,2-Tetrachloroethane	ND		0.00075
Ethylbenzene	ND		0.00075
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00075
Styrene	ND		0.00075
Bromoform	ND		0.00075
Isopropylbenzene	ND		0.00075
Bromobenzene	ND		0.00075
1,1,2,2-Tetrachloroethane	ND		0.00075
1,2,3-Trichloropropane	ND		0.00075
n-Propylbenzene	ND		0.00075
2-Chlorotoluene	ND		0.00075
4-Chlorotoluene	ND		0.00075
1,3,5-Trimethylbenzene	ND		0.00075
tert-Butylbenzene	ND		0.00075
1,2,4-Trimethylbenzene	ND		0.00075
sec-Butylbenzene	ND		0.00075
1,3-Dichlorobenzene	ND		0.00075
p-Isopropyltoluene	ND		0.00075
1,4-Dichlorobenzene	ND		0.00075
1,2-Dichlorobenzene	ND		0.00075
n-Butylbenzene	ND		0.00075
1,2-Dibromo-3-chloropropane	ND		0.0038
1,2,4-Trichlorobenzene	ND		0.00075
Hexachlorobutadiene	ND		0.0038
Naphthalene	ND		0.00075
1,2,3-Trichlorobenzene	ND		0.00075

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	84	70-121
4-Bromofluorobenzene	95	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-20
Client ID: DPT-16@3.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.015
Chloromethane	ND		0.015
Vinyl Chloride	ND		0.015
Bromomethane	ND		0.0029
Chloroethane	ND		0.015
Trichlorofluoromethane	ND		0.0029
1,1-Dichloroethene	ND		0.0029
Acetone	ND		0.015
Iodomethane	ND		0.015
Carbon Disulfide	ND		0.0029
Methylene Chloride	ND		0.015
(trans) 1,2-Dichloroethene	ND		0.0029
Methyl t-Butyl Ether	ND		0.0029
1,1-Dichloroethane	ND		0.0029
Vinyl Acetate	ND		0.015
2,2-Dichloropropane	ND		0.0029
(cis) 1,2-Dichloroethene	ND		0.0029
2-Butanone	ND		0.015
Bromochloromethane	ND		0.0029
Chloroform	ND		0.0029
1,1,1-Trichloroethane	ND		0.0029
Carbon Tetrachloride	ND		0.0029
1,1-Dichloropropene	ND		0.0029
Benzene	ND		0.0029
1,2-Dichloroethane	ND		0.0029
Trichloroethene	ND		0.0029
1,2-Dichloropropane	ND		0.0029
Dibromomethane	ND		0.0029
Bromodichloromethane	ND		0.0029
2-Chloroethyl Vinyl Ether	ND		0.015
(cis) 1,3-Dichloropropene	ND		0.0029
Methyl Isobutyl Ketone	ND		0.015
Toluene	ND		0.015
(trans) 1,3-Dichloropropene	ND		0.0029

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-20
 Client ID: DPT-16@3.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0029
Tetrachloroethene	ND		0.0029
1,3-Dichloropropane	ND		0.0029
2-Hexanone	ND		0.015
Dibromochloromethane	ND		0.0029
1,2-Dibromoethane	ND		0.0029
Chlorobenzene	ND		0.0029
1,1,1,2-Tetrachloroethane	ND		0.0029
Ethylbenzene	ND		0.0029
m,p-Xylene	ND		0.0059
o-Xylene	ND		0.0029
Styrene	ND		0.0029
Bromoform	ND		0.0029
Isopropylbenzene	ND		0.0029
Bromobenzene	ND		0.0029
1,1,2,2-Tetrachloroethane	ND		0.0029
1,2,3-Trichloropropane	ND		0.0029
n-Propylbenzene	ND		0.0029
2-Chlorotoluene	ND		0.0029
4-Chlorotoluene	ND		0.0029
1,3,5-Trimethylbenzene	ND		0.0029
tert-Butylbenzene	ND		0.0029
1,2,4-Trimethylbenzene	ND		0.0029
sec-Butylbenzene	ND		0.0029
1,3-Dichlorobenzene	ND		0.0029
p-Isopropyltoluene	ND		0.0029
1,4-Dichlorobenzene	ND		0.0029
1,2-Dichlorobenzene	ND		0.0029
n-Butylbenzene	ND		0.0029
1,2-Dibromo-3-chloropropane	ND		0.015
1,2,4-Trichlorobenzene	ND		0.0029
Hexachlorobutadiene	ND		0.015
Naphthalene	ND		0.0029
1,2,3-Trichlorobenzene	ND		0.0029

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	70-118
Toluene-d8	72	70-121
4-Bromofluorobenzene	75	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-21
Client ID: DPT-16@8.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0035
Chloromethane	ND		0.0035
Vinyl Chloride	ND		0.0035
Bromomethane	ND		0.00069
Chloroethane	ND		0.0035
Trichlorofluoromethane	ND		0.00069
1,1-Dichloroethene	ND		0.00069
Acetone	0.023		0.0035
Iodomethane	ND		0.0035
Carbon Disulfide	ND		0.00069
Methylene Chloride	ND		0.0035
(trans) 1,2-Dichloroethene	ND		0.00069
Methyl t-Butyl Ether	ND		0.00069
1,1-Dichloroethane	ND		0.00069
Vinyl Acetate	ND		0.0035
2,2-Dichloropropane	ND		0.00069
(cis) 1,2-Dichloroethene	ND		0.00069
2-Butanone	ND		0.0035
Bromochloromethane	ND		0.00069
Chloroform	ND		0.00069
1,1,1-Trichloroethane	ND		0.00069
Carbon Tetrachloride	ND		0.00069
1,1-Dichloropropene	ND		0.00069
Benzene	ND		0.00069
1,2-Dichloroethane	ND		0.00069
Trichloroethene	ND		0.00069
1,2-Dichloropropane	ND		0.00069
Dibromomethane	ND		0.00069
Bromodichloromethane	ND		0.00069
2-Chloroethyl Vinyl Ether	ND		0.0035
(cis) 1,3-Dichloropropene	ND		0.00069
Methyl Isobutyl Ketone	ND		0.0035
Toluene	ND		0.0035
(trans) 1,3-Dichloropropene	ND		0.00069

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-21
 Client ID: DPT-16@8.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00069
Tetrachloroethene	ND		0.00069
1,3-Dichloropropane	ND		0.00069
2-Hexanone	ND		0.0035
Dibromochloromethane	ND		0.00069
1,2-Dibromoethane	ND		0.00069
Chlorobenzene	ND		0.00069
1,1,1,2-Tetrachloroethane	ND		0.00069
Ethylbenzene	ND		0.00069
m,p-Xylene	ND		0.0014
o-Xylene	ND		0.00069
Styrene	ND		0.00069
Bromoform	ND		0.00069
Isopropylbenzene	ND		0.00069
Bromobenzene	ND		0.00069
1,1,2,2-Tetrachloroethane	ND		0.00069
1,2,3-Trichloropropane	ND		0.00069
n-Propylbenzene	ND		0.00069
2-Chlorotoluene	ND		0.00069
4-Chlorotoluene	ND		0.00069
1,3,5-Trimethylbenzene	ND		0.00069
tert-Butylbenzene	ND		0.00069
1,2,4-Trimethylbenzene	ND		0.00069
sec-Butylbenzene	ND		0.00069
1,3-Dichlorobenzene	ND		0.00069
p-Isopropyltoluene	ND		0.00069
1,4-Dichlorobenzene	ND		0.00069
1,2-Dichlorobenzene	ND		0.00069
n-Butylbenzene	ND		0.00069
1,2-Dibromo-3-chloropropane	ND		0.0035
1,2,4-Trichlorobenzene	ND		0.00069
Hexachlorobutadiene	ND		0.0035
Naphthalene	ND		0.00069
1,2,3-Trichlorobenzene	ND		0.00069

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	97	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-22
Client ID: DPT-17@6.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0044
Chloromethane	ND		0.0044
Vinyl Chloride	ND		0.0044
Bromomethane	ND		0.00088
Chloroethane	ND		0.0044
Trichlorofluoromethane	ND		0.00088
1,1-Dichloroethene	ND		0.00088
Acetone	0.020		0.0044
Iodomethane	ND		0.0044
Carbon Disulfide	ND		0.00088
Methylene Chloride	ND		0.0044
(trans) 1,2-Dichloroethene	ND		0.00088
Methyl t-Butyl Ether	ND		0.00088
1,1-Dichloroethane	ND		0.00088
Vinyl Acetate	ND		0.0044
2,2-Dichloropropane	ND		0.00088
(cis) 1,2-Dichloroethene	ND		0.00088
2-Butanone	ND		0.0044
Bromochloromethane	ND		0.00088
Chloroform	ND		0.00088
1,1,1-Trichloroethane	ND		0.00088
Carbon Tetrachloride	ND		0.00088
1,1-Dichloropropene	ND		0.00088
Benzene	ND		0.00088
1,2-Dichloroethane	ND		0.00088
Trichloroethene	ND		0.00088
1,2-Dichloropropane	ND		0.00088
Dibromomethane	ND		0.00088
Bromodichloromethane	ND		0.00088
2-Chloroethyl Vinyl Ether	ND		0.0044
(cis) 1,3-Dichloropropene	ND		0.00088
Methyl Isobutyl Ketone	ND		0.0044
Toluene	ND		0.0044
(trans) 1,3-Dichloropropene	ND		0.00088

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-22
 Client ID: DPT-17@6.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00088
Tetrachloroethene	ND		0.00088
1,3-Dichloropropane	ND		0.00088
2-Hexanone	ND		0.0044
Dibromochloromethane	ND		0.00088
1,2-Dibromoethane	ND		0.00088
Chlorobenzene	ND		0.00088
1,1,1,2-Tetrachloroethane	ND		0.00088
Ethylbenzene	ND		0.00088
m,p-Xylene	ND		0.0018
o-Xylene	ND		0.00088
Styrene	ND		0.00088
Bromoform	ND		0.00088
Isopropylbenzene	ND		0.00088
Bromobenzene	ND		0.00088
1,1,2,2-Tetrachloroethane	ND		0.00088
1,2,3-Trichloropropane	ND		0.00088
n-Propylbenzene	ND		0.00088
2-Chlorotoluene	ND		0.00088
4-Chlorotoluene	ND		0.00088
1,3,5-Trimethylbenzene	ND		0.00088
tert-Butylbenzene	ND		0.00088
1,2,4-Trimethylbenzene	ND		0.00088
sec-Butylbenzene	ND		0.00088
1,3-Dichlorobenzene	ND		0.00088
p-Isopropyltoluene	ND		0.00088
1,4-Dichlorobenzene	ND		0.00088
1,2-Dichlorobenzene	ND		0.00088
n-Butylbenzene	ND		0.00088
1,2-Dibromo-3-chloropropane	ND		0.0044
1,2,4-Trichlorobenzene	ND		0.00088
Hexachlorobutadiene	ND		0.0044
Naphthalene	ND		0.00088
1,2,3-Trichlorobenzene	ND		0.00088

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	94	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-203-23
 Client ID: DPT-17@12.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0038
Chloromethane	ND		0.0038
Vinyl Chloride	ND		0.0038
Bromomethane	ND		0.00077
Chloroethane	ND		0.0038
Trichlorofluoromethane	ND		0.00077
1,1-Dichloroethene	ND		0.00077
Acetone	0.018		0.0038
Iodomethane	ND		0.0038
Carbon Disulfide	ND		0.00077
Methylene Chloride	ND		0.0038
(trans) 1,2-Dichloroethene	ND		0.00077
Methyl t-Butyl Ether	ND		0.00077
1,1-Dichloroethane	ND		0.00077
Vinyl Acetate	ND		0.0038
2,2-Dichloropropane	ND		0.00077
(cis) 1,2-Dichloroethene	ND		0.00077
2-Butanone	ND		0.0038
Bromochloromethane	ND		0.00077
Chloroform	ND		0.00077
1,1,1-Trichloroethane	ND		0.00077
Carbon Tetrachloride	ND		0.00077
1,1-Dichloropropene	ND		0.00077
Benzene	ND		0.00077
1,2-Dichloroethane	ND		0.00077
Trichloroethene	ND		0.00077
1,2-Dichloropropane	ND		0.00077
Dibromomethane	ND		0.00077
Bromodichloromethane	ND		0.00077
2-Chloroethyl Vinyl Ether	ND		0.0038
(cis) 1,3-Dichloropropene	ND		0.00077
Methyl Isobutyl Ketone	ND		0.0038
Toluene	ND		0.0038
(trans) 1,3-Dichloropropene	ND		0.00077

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-23
 Client ID: DPT-17@12.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00077
Tetrachloroethene	ND		0.00077
1,3-Dichloropropane	ND		0.00077
2-Hexanone	ND		0.0038
Dibromochloromethane	ND		0.00077
1,2-Dibromoethane	ND		0.00077
Chlorobenzene	ND		0.00077
1,1,1,2-Tetrachloroethane	ND		0.00077
Ethylbenzene	ND		0.00077
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00077
Styrene	ND		0.00077
Bromoform	ND		0.00077
Isopropylbenzene	ND		0.00077
Bromobenzene	ND		0.00077
1,1,2,2-Tetrachloroethane	ND		0.00077
1,2,3-Trichloropropane	ND		0.00077
n-Propylbenzene	ND		0.00077
2-Chlorotoluene	ND		0.00077
4-Chlorotoluene	ND		0.00077
1,3,5-Trimethylbenzene	ND		0.00077
tert-Butylbenzene	ND		0.00077
1,2,4-Trimethylbenzene	ND		0.00077
sec-Butylbenzene	ND		0.00077
1,3-Dichlorobenzene	ND		0.00077
p-Isopropyltoluene	ND		0.00077
1,4-Dichlorobenzene	ND		0.00077
1,2-Dichlorobenzene	ND		0.00077
n-Butylbenzene	ND		0.00077
1,2-Dibromo-3-chloropropane	ND		0.0038
1,2,4-Trichlorobenzene	ND		0.00077
Hexachlorobutadiene	ND		0.0038
Naphthalene	ND		0.00077
1,2,3-Trichlorobenzene	ND		0.00077

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	70-118
Toluene-d8	90	70-121
4-Bromofluorobenzene	97	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-24
Client ID: DPT-18@7

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0042
Chloromethane	ND		0.0042
Vinyl Chloride	ND		0.0042
Bromomethane	ND		0.00085
Chloroethane	ND		0.0042
Trichlorofluoromethane	ND		0.00085
1,1-Dichloroethene	ND		0.00085
Acetone	0.036		0.0042
Iodomethane	ND		0.0042
Carbon Disulfide	ND		0.00085
Methylene Chloride	ND		0.0042
(trans) 1,2-Dichloroethene	ND		0.00085
Methyl t-Butyl Ether	ND		0.00085
1,1-Dichloroethane	ND		0.00085
Vinyl Acetate	ND		0.0042
2,2-Dichloropropane	ND		0.00085
(cis) 1,2-Dichloroethene	ND		0.00085
2-Butanone	ND		0.0042
Bromochloromethane	ND		0.00085
Chloroform	ND		0.00085
1,1,1-Trichloroethane	ND		0.00085
Carbon Tetrachloride	ND		0.00085
1,1-Dichloropropene	ND		0.00085
Benzene	ND		0.00085
1,2-Dichloroethane	ND		0.00085
Trichloroethene	ND		0.00085
1,2-Dichloropropane	ND		0.00085
Dibromomethane	ND		0.00085
Bromodichloromethane	ND		0.00085
2-Chloroethyl Vinyl Ether	ND		0.0042
(cis) 1,3-Dichloropropene	ND		0.00085
Methyl Isobutyl Ketone	ND		0.0042
Toluene	ND		0.0042
(trans) 1,3-Dichloropropene	ND		0.00085

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-24
 Client ID: DPT-18@7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00085
Tetrachloroethene	ND		0.00085
1,3-Dichloropropane	ND		0.00085
2-Hexanone	ND		0.0042
Dibromochloromethane	ND		0.00085
1,2-Dibromoethane	ND		0.00085
Chlorobenzene	ND		0.00085
1,1,1,2-Tetrachloroethane	ND		0.00085
Ethylbenzene	ND		0.00085
m,p-Xylene	ND		0.0017
o-Xylene	ND		0.00085
Styrene	ND		0.00085
Bromoform	ND		0.00085
Isopropylbenzene	ND		0.00085
Bromobenzene	ND		0.00085
1,1,2,2-Tetrachloroethane	ND		0.00085
1,2,3-Trichloropropane	ND		0.00085
n-Propylbenzene	ND		0.00085
2-Chlorotoluene	ND		0.00085
4-Chlorotoluene	ND		0.00085
1,3,5-Trimethylbenzene	ND		0.00085
tert-Butylbenzene	ND		0.00085
1,2,4-Trimethylbenzene	ND		0.00085
sec-Butylbenzene	ND		0.00085
1,3-Dichlorobenzene	ND		0.00085
p-Isopropyltoluene	ND		0.00085
1,4-Dichlorobenzene	ND		0.00085
1,2-Dichlorobenzene	ND		0.00085
n-Butylbenzene	ND		0.00085
1,2-Dibromo-3-chloropropane	ND		0.0042
1,2,4-Trichlorobenzene	ND		0.00085
Hexachlorobutadiene	ND		0.0042
Naphthalene	ND		0.00085
1,2,3-Trichlorobenzene	ND		0.00085

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	82	70-121
4-Bromofluorobenzene	95	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-25
Client ID: DPT-18@14

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0032
Chloromethane	ND		0.0032
Vinyl Chloride	ND		0.0032
Bromomethane	ND		0.00065
Chloroethane	ND		0.0032
Trichlorofluoromethane	ND		0.00065
1,1-Dichloroethene	ND		0.00065
Acetone	0.016		0.0032
Iodomethane	ND		0.0032
Carbon Disulfide	ND		0.00065
Methylene Chloride	ND		0.0032
(trans) 1,2-Dichloroethene	ND		0.00065
Methyl t-Butyl Ether	ND		0.00065
1,1-Dichloroethane	ND		0.00065
Vinyl Acetate	ND		0.0032
2,2-Dichloropropane	ND		0.00065
(cis) 1,2-Dichloroethene	ND		0.00065
2-Butanone	ND		0.0032
Bromochloromethane	ND		0.00065
Chloroform	ND		0.00065
1,1,1-Trichloroethane	ND		0.00065
Carbon Tetrachloride	ND		0.00065
1,1-Dichloropropene	ND		0.00065
Benzene	ND		0.00065
1,2-Dichloroethane	ND		0.00065
Trichloroethene	ND		0.00065
1,2-Dichloropropane	ND		0.00065
Dibromomethane	ND		0.00065
Bromodichloromethane	ND		0.00065
2-Chloroethyl Vinyl Ether	ND		0.0032
(cis) 1,3-Dichloropropene	ND		0.00065
Methyl Isobutyl Ketone	ND		0.0032
Toluene	ND		0.0032
(trans) 1,3-Dichloropropene	ND		0.00065

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-25
 Client ID: DPT-18@14

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00065
Tetrachloroethene	ND		0.00065
1,3-Dichloropropane	ND		0.00065
2-Hexanone	ND		0.0032
Dibromochloromethane	ND		0.00065
1,2-Dibromoethane	ND		0.00065
Chlorobenzene	ND		0.00065
1,1,1,2-Tetrachloroethane	ND		0.00065
Ethylbenzene	ND		0.00065
m,p-Xylene	ND		0.0013
o-Xylene	ND		0.00065
Styrene	ND		0.00065
Bromoform	ND		0.00065
Isopropylbenzene	ND		0.00065
Bromobenzene	ND		0.00065
1,1,2,2-Tetrachloroethane	ND		0.00065
1,2,3-Trichloropropane	ND		0.00065
n-Propylbenzene	ND		0.00065
2-Chlorotoluene	ND		0.00065
4-Chlorotoluene	ND		0.00065
1,3,5-Trimethylbenzene	ND		0.00065
tert-Butylbenzene	ND		0.00065
1,2,4-Trimethylbenzene	ND		0.00065
sec-Butylbenzene	ND		0.00065
1,3-Dichlorobenzene	ND		0.00065
p-Isopropyltoluene	ND		0.00065
1,4-Dichlorobenzene	ND		0.00065
1,2-Dichlorobenzene	ND		0.00065
n-Butylbenzene	ND		0.00065
1,2-Dibromo-3-chloropropane	ND		0.0032
1,2,4-Trichlorobenzene	ND		0.00065
Hexachlorobutadiene	ND		0.0032
Naphthalene	ND		0.00065
1,2,3-Trichlorobenzene	ND		0.00065

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	92	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-26
 Client ID: DPT-13@9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0043
Chloromethane	ND		0.0043
Vinyl Chloride	ND		0.0043
Bromomethane	ND		0.00085
Chloroethane	ND		0.0043
Trichlorofluoromethane	ND		0.00085
1,1-Dichloroethene	ND		0.00085
Acetone	0.021		0.0043
Iodomethane	ND		0.0043
Carbon Disulfide	ND		0.00085
Methylene Chloride	ND		0.0043
(trans) 1,2-Dichloroethene	ND		0.00085
Methyl t-Butyl Ether	ND		0.00085
1,1-Dichloroethane	ND		0.00085
Vinyl Acetate	ND		0.0043
2,2-Dichloropropane	ND		0.00085
(cis) 1,2-Dichloroethene	ND		0.00085
2-Butanone	ND		0.0043
Bromochloromethane	ND		0.00085
Chloroform	ND		0.00085
1,1,1-Trichloroethane	ND		0.00085
Carbon Tetrachloride	ND		0.00085
1,1-Dichloropropene	ND		0.00085
Benzene	ND		0.00085
1,2-Dichloroethane	ND		0.00085
Trichloroethene	ND		0.00085
1,2-Dichloropropane	ND		0.00085
Dibromomethane	ND		0.00085
Bromodichloromethane	ND		0.00085
2-Chloroethyl Vinyl Ether	ND		0.0043
(cis) 1,3-Dichloropropene	ND		0.00085
Methyl Isobutyl Ketone	ND		0.0043
Toluene	ND		0.0043
(trans) 1,3-Dichloropropene	ND		0.00085

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-26
 Client ID: DPT-13@9

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00085
Tetrachloroethene	ND		0.00085
1,3-Dichloropropane	ND		0.00085
2-Hexanone	ND		0.0043
Dibromochloromethane	ND		0.00085
1,2-Dibromoethane	ND		0.00085
Chlorobenzene	ND		0.00085
1,1,1,2-Tetrachloroethane	ND		0.00085
Ethylbenzene	ND		0.00085
m,p-Xylene	ND		0.0017
o-Xylene	ND		0.00085
Styrene	ND		0.00085
Bromoform	ND		0.00085
Isopropylbenzene	ND		0.00085
Bromobenzene	ND		0.00085
1,1,2,2-Tetrachloroethane	ND		0.00085
1,2,3-Trichloropropane	ND		0.00085
n-Propylbenzene	ND		0.00085
2-Chlorotoluene	ND		0.00085
4-Chlorotoluene	ND		0.00085
1,3,5-Trimethylbenzene	ND		0.00085
tert-Butylbenzene	ND		0.00085
1,2,4-Trimethylbenzene	ND		0.00085
sec-Butylbenzene	ND		0.00085
1,3-Dichlorobenzene	ND		0.00085
p-Isopropyltoluene	ND		0.00085
1,4-Dichlorobenzene	ND		0.00085
1,2-Dichlorobenzene	ND		0.00085
n-Butylbenzene	ND		0.00085
1,2-Dibromo-3-chloropropane	ND		0.0043
1,2,4-Trichlorobenzene	ND		0.00085
Hexachlorobutadiene	ND		0.0043
Naphthalene	ND		0.00085
1,2,3-Trichlorobenzene	ND		0.00085

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	70-118
Toluene-d8	85	70-121
4-Bromofluorobenzene	93	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-27
Client ID: DPT-13@13

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0030
Chloromethane	ND		0.0030
Vinyl Chloride	ND		0.0030
Bromomethane	ND		0.00060
Chloroethane	ND		0.0030
Trichlorofluoromethane	ND		0.00060
1,1-Dichloroethene	ND		0.00060
Acetone	0.014		0.0030
Iodomethane	ND		0.0030
Carbon Disulfide	ND		0.00060
Methylene Chloride	ND		0.0030
(trans) 1,2-Dichloroethene	ND		0.00060
Methyl t-Butyl Ether	ND		0.00060
1,1-Dichloroethane	ND		0.00060
Vinyl Acetate	ND		0.0030
2,2-Dichloropropane	ND		0.00060
(cis) 1,2-Dichloroethene	ND		0.00060
2-Butanone	ND		0.0030
Bromochloromethane	ND		0.00060
Chloroform	ND		0.00060
1,1,1-Trichloroethane	ND		0.00060
Carbon Tetrachloride	ND		0.00060
1,1-Dichloropropene	ND		0.00060
Benzene	ND		0.00060
1,2-Dichloroethane	ND		0.00060
Trichloroethene	ND		0.00060
1,2-Dichloropropane	ND		0.00060
Dibromomethane	ND		0.00060
Bromodichloromethane	ND		0.00060
2-Chloroethyl Vinyl Ether	ND		0.0030
(cis) 1,3-Dichloropropene	ND		0.00060
Methyl Isobutyl Ketone	ND		0.0030
Toluene	ND		0.0030
(trans) 1,3-Dichloropropene	ND		0.00060

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-27
 Client ID: DPT-13@13

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00060
Tetrachloroethene	ND		0.00060
1,3-Dichloropropane	ND		0.00060
2-Hexanone	ND		0.0030
Dibromochloromethane	ND		0.00060
1,2-Dibromoethane	ND		0.00060
Chlorobenzene	ND		0.00060
1,1,1,2-Tetrachloroethane	ND		0.00060
Ethylbenzene	ND		0.00060
m,p-Xylene	ND		0.0012
o-Xylene	ND		0.00060
Styrene	ND		0.00060
Bromoform	ND		0.00060
Isopropylbenzene	ND		0.00060
Bromobenzene	ND		0.00060
1,1,2,2-Tetrachloroethane	ND		0.00060
1,2,3-Trichloropropane	ND		0.00060
n-Propylbenzene	ND		0.00060
2-Chlorotoluene	ND		0.00060
4-Chlorotoluene	ND		0.00060
1,3,5-Trimethylbenzene	ND		0.00060
tert-Butylbenzene	ND		0.00060
1,2,4-Trimethylbenzene	ND		0.00060
sec-Butylbenzene	ND		0.00060
1,3-Dichlorobenzene	ND		0.00060
p-Isopropyltoluene	ND		0.00060
1,4-Dichlorobenzene	ND		0.00060
1,2-Dichlorobenzene	ND		0.00060
n-Butylbenzene	ND		0.00060
1,2-Dibromo-3-chloropropane	ND		0.0030
1,2,4-Trichlorobenzene	ND		0.00060
Hexachlorobutadiene	ND		0.0030
Naphthalene	ND		0.00060
1,2,3-Trichlorobenzene	ND		0.00060

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	98	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-29
Client ID: DPT-6@12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0037
Chloromethane	ND		0.0037
Vinyl Chloride	ND		0.0037
Bromomethane	ND		0.00075
Chloroethane	ND		0.0037
Trichlorofluoromethane	ND		0.00075
1,1-Dichloroethene	ND		0.00075
Acetone	0.028		0.0037
Iodomethane	ND		0.0037
Carbon Disulfide	ND		0.00075
Methylene Chloride	ND		0.0037
(trans) 1,2-Dichloroethene	ND		0.00075
Methyl t-Butyl Ether	ND		0.00075
1,1-Dichloroethane	ND		0.00075
Vinyl Acetate	ND		0.0037
2,2-Dichloropropane	ND		0.00075
(cis) 1,2-Dichloroethene	ND		0.00075
2-Butanone	ND		0.0037
Bromochloromethane	ND		0.00075
Chloroform	ND		0.00075
1,1,1-Trichloroethane	ND		0.00075
Carbon Tetrachloride	ND		0.00075
1,1-Dichloropropene	ND		0.00075
Benzene	ND		0.00075
1,2-Dichloroethane	ND		0.00075
Trichloroethene	ND		0.00075
1,2-Dichloropropane	ND		0.00075
Dibromomethane	ND		0.00075
Bromodichloromethane	ND		0.00075
2-Chloroethyl Vinyl Ether	ND		0.0037
(cis) 1,3-Dichloropropene	ND		0.00075
Methyl Isobutyl Ketone	ND		0.0037
Toluene	ND		0.0037
(trans) 1,3-Dichloropropene	ND		0.00075

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-29
 Client ID: DPT-6@12

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00075
Tetrachloroethene	0.0011		0.00075
1,3-Dichloropropane	ND		0.00075
2-Hexanone	ND		0.0037
Dibromochloromethane	ND		0.00075
1,2-Dibromoethane	ND		0.00075
Chlorobenzene	ND		0.00075
1,1,1,2-Tetrachloroethane	ND		0.00075
Ethylbenzene	ND		0.00075
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00075
Styrene	ND		0.00075
Bromoform	ND		0.00075
Isopropylbenzene	ND		0.00075
Bromobenzene	ND		0.00075
1,1,2,2-Tetrachloroethane	ND		0.00075
1,2,3-Trichloropropane	ND		0.00075
n-Propylbenzene	ND		0.00075
2-Chlorotoluene	ND		0.00075
4-Chlorotoluene	ND		0.00075
1,3,5-Trimethylbenzene	ND		0.00075
tert-Butylbenzene	ND		0.00075
1,2,4-Trimethylbenzene	ND		0.00075
sec-Butylbenzene	ND		0.00075
1,3-Dichlorobenzene	ND		0.00075
p-Isopropyltoluene	ND		0.00075
1,4-Dichlorobenzene	ND		0.00075
1,2-Dichlorobenzene	ND		0.00075
n-Butylbenzene	ND		0.00075
1,2-Dibromo-3-chloropropane	ND		0.0037
1,2,4-Trichlorobenzene	ND		0.00075
Hexachlorobutadiene	ND		0.0037
Naphthalene	ND		0.00075
1,2,3-Trichlorobenzene	ND		0.00075

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	70-118
Toluene-d8	73	70-121
4-Bromofluorobenzene	72	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-25&28-08
 Date Analyzed: 4-25&28-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-203-30
 Client ID: DPT-6@16

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0033
Chloromethane	ND		0.0033
Vinyl Chloride	ND		0.0033
Bromomethane	ND		0.00065
Chloroethane	ND		0.0033
Trichlorofluoromethane	ND		0.00065
1,1-Dichloroethene	ND		0.00065
Acetone	ND		0.0033
Iodomethane	ND		0.0033
Carbon Disulfide	ND		0.00065
Methylene Chloride	ND		0.0033
(trans) 1,2-Dichloroethene	ND		0.00065
Methyl t-Butyl Ether	ND		0.00065
1,1-Dichloroethane	ND		0.00065
Vinyl Acetate	ND		0.0033
2,2-Dichloropropane	ND		0.00065
(cis) 1,2-Dichloroethene	ND		0.00065
2-Butanone	ND		0.0033
Bromochloromethane	ND		0.00065
Chloroform	ND		0.00065
1,1,1-Trichloroethane	ND		0.00065
Carbon Tetrachloride	ND		0.00065
1,1-Dichloropropene	ND		0.00065
Benzene	0.056		0.042
1,2-Dichloroethane	ND		0.00065
Trichloroethene	ND		0.00065
1,2-Dichloropropane	ND		0.00065
Dibromomethane	ND		0.00065
Bromodichloromethane	ND		0.00065
2-Chloroethyl Vinyl Ether	ND		0.0033
(cis) 1,3-Dichloropropene	ND		0.00065
Methyl Isobutyl Ketone	ND		0.0033
Toluene	0.21		0.21
(trans) 1,3-Dichloropropene	ND		0.00065

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-30
 Client ID: DPT-6@16

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00065
Tetrachloroethene	ND		0.00065
1,3-Dichloropropane	ND		0.00065
2-Hexanone	ND		0.0033
Dibromochloromethane	ND		0.00065
1,2-Dibromoethane	ND		0.00065
Chlorobenzene	ND		0.00065
1,1,1,2-Tetrachloroethane	ND		0.00065
Ethylbenzene	0.13		0.00065
m,p-Xylene	0.25		0.0013
o-Xylene	0.16		0.042
Styrene	ND		0.00065
Bromoform	ND		0.00065
Isopropylbenzene	0.010		0.00065
Bromobenzene	ND		0.00065
1,1,2,2-Tetrachloroethane	ND		0.00065
1,2,3-Trichloropropane	ND		0.00065
n-Propylbenzene	0.026		0.00065
2-Chlorotoluene	ND		0.00065
4-Chlorotoluene	ND		0.00065
1,3,5-Trimethylbenzene	0.048		0.00065
tert-Butylbenzene	ND		0.00065
1,2,4-Trimethylbenzene	0.20		0.042
sec-Butylbenzene	0.0032		0.00065
1,3-Dichlorobenzene	ND		0.00065
p-Isopropyltoluene	0.0030		0.00065
1,4-Dichlorobenzene	ND		0.00065
1,2-Dichlorobenzene	ND		0.00065
n-Butylbenzene	0.0068		0.00065
1,2-Dibromo-3-chloropropane	ND		0.0033
1,2,4-Trichlorobenzene	ND		0.00065
Hexachlorobutadiene	ND		0.0033
Naphthalene	0.11		0.00065
1,2,3-Trichlorobenzene	ND		0.00065

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	70-118
Toluene-d8	88	70-121
4-Bromofluorobenzene	98	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-24-08
 Date Analyzed: 4-24-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0424S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0424S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	86	70-121
4-Bromofluorobenzene	97	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0425S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0425S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	93	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-28-08
 Date Analyzed: 4-28-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0428S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0428S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	91	70-130

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-25-08
 Date Analyzed: 4-25-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0425S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0504	101	0.0541	108	70-130	
Benzene	0.0500	0.0449	90	0.0456	91	70-127	
Trichloroethene	0.0500	0.0461	92	0.0471	94	73-117	
Toluene	0.0500	0.0485	97	0.0486	97	78-115	
Chlorobenzene	0.0500	0.0487	97	0.0502	100	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	10	
Benzene	1	11	
Trichloroethene	2	13	
Toluene	0	12	
Chlorobenzene	3	10	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-28-08
 Date Analyzed: 4-28-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0428S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0509	102	0.0560	112	70-130	
Benzene	0.0500	0.0440	88	0.0451	90	70-127	
Trichloroethene	0.0500	0.0474	95	0.0501	100	73-117	
Toluene	0.0500	0.0471	94	0.0516	103	78-115	
Chlorobenzene	0.0500	0.0485	97	0.0518	104	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	10	10	
Benzene	2	11	
Trichloroethene	5	13	
Toluene	9	12	
Chlorobenzene	6	10	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0429S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0357	71	0.0372	74	70-130	
Benzene	0.0500	0.0460	92	0.0466	93	70-127	
Trichloroethene	0.0500	0.0455	91	0.0436	87	73-117	
Toluene	0.0500	0.0468	94	0.0485	97	78-115	
Chlorobenzene	0.0500	0.0436	87	0.0438	88	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	10	
Benzene	1	11	
Trichloroethene	4	13	
Toluene	4	12	
Chlorobenzene	0	10	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-32

Client ID: DPT-7 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		4.0
Chloromethane	ND		20
Vinyl Chloride	ND		4.0
Bromomethane	ND		4.0
Chloroethane	ND		20
Trichlorofluoromethane	ND		4.0
1,1-Dichloroethene	ND		4.0
Acetone	ND		100
Iodomethane	ND		20
Carbon Disulfide	ND		4.0
Methylene Chloride	ND		20
(trans) 1,2-Dichloroethene	ND		4.0
Methyl t-Butyl Ether	ND		4.0
1,1-Dichloroethane	ND		4.0
Vinyl Acetate	ND		20
2,2-Dichloropropane	ND		4.0
(cis) 1,2-Dichloroethene	ND		4.0
2-Butanone	ND		100
Bromochloromethane	ND		4.0
Chloroform	ND		4.0
1,1,1-Trichloroethane	ND		4.0
Carbon Tetrachloride	ND		4.0
1,1-Dichloropropene	ND		4.0
Benzene	7.2		4.0
1,2-Dichloroethane	ND		4.0
Trichloroethene	ND		4.0
1,2-Dichloropropane	ND		4.0
Dibromomethane	ND		4.0
Bromodichloromethane	ND		4.0
2-Chloroethyl Vinyl Ether	ND		20
(cis) 1,3-Dichloropropene	ND		4.0
Methyl Isobutyl Ketone	ND		40
Toluene	ND		20
(trans) 1,3-Dichloropropene	ND		4.0

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-32
 Client ID: DPT-7 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		4.0
Tetrachloroethene	ND		4.0
1,3-Dichloropropane	ND		4.0
2-Hexanone	ND		40
Dibromochloromethane	ND		4.0
1,2-Dibromoethane	ND		4.0
Chlorobenzene	ND		4.0
1,1,1,2-Tetrachloroethane	ND		4.0
Ethylbenzene	76		4.0
m,p-Xylene	230		8.0
o-Xylene	19		4.0
Styrene	ND		4.0
Bromoform	ND		20
Isopropylbenzene	23		4.0
Bromobenzene	ND		4.0
1,1,2,2-Tetrachloroethane	ND		4.0
1,2,3-Trichloropropane	ND		4.0
n-Propylbenzene	41		4.0
2-Chlorotoluene	ND		4.0
4-Chlorotoluene	ND		4.0
1,3,5-Trimethylbenzene	160		4.0
tert-Butylbenzene	ND		4.0
1,2,4-Trimethylbenzene	490		4.0
sec-Butylbenzene	8.9		4.0
1,3-Dichlorobenzene	ND		4.0
p-Isopropyltoluene	10		4.0
1,4-Dichlorobenzene	ND		4.0
1,2-Dichlorobenzene	ND		4.0
n-Butylbenzene	ND		4.0
1,2-Dibromo-3-chloropropane	ND		20
1,2,4-Trichlorobenzene	ND		4.0
Hexachlorobutadiene	ND		4.0
Naphthalene	60		20
1,2,3-Trichlorobenzene	ND		4.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-33

Client ID: DPT-8 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		20
Chloromethane	ND		100
Vinyl Chloride	ND		20
Bromomethane	ND		20
Chloroethane	ND		100
Trichlorofluoromethane	ND		20
1,1-Dichloroethene	ND		20
Acetone	ND		500
Iodomethane	ND		100
Carbon Disulfide	ND		20
Methylene Chloride	ND		100
(trans) 1,2-Dichloroethene	ND		20
Methyl t-Butyl Ether	ND		20
1,1-Dichloroethane	ND		20
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		20
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		500
Bromochloromethane	ND		20
Chloroform	ND		20
1,1,1-Trichloroethane	ND		20
Carbon Tetrachloride	ND		20
1,1-Dichloropropene	ND		20
Benzene	1400		20
1,2-Dichloroethane	ND		20
Trichloroethene	ND		20
1,2-Dichloropropane	ND		20
Dibromomethane	ND		20
Bromodichloromethane	ND		20
2-Chloroethyl Vinyl Ether	ND		100
(cis) 1,3-Dichloropropene	ND		20
Methyl Isobutyl Ketone	ND		200
Toluene	3200		100
(trans) 1,3-Dichloropropene	ND		20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-33
 Client ID: DPT-8 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		20
Tetrachloroethene	23		20
1,3-Dichloropropane	ND		20
2-Hexanone	ND		200
Dibromochloromethane	ND		20
1,2-Dibromoethane	ND		20
Chlorobenzene	ND		20
1,1,1,2-Tetrachloroethane	ND		20
Ethylbenzene	1300		20
m,p-Xylene	4500		40
o-Xylene	2100		20
Styrene	29		20
Bromoform	ND		100
Isopropylbenzene	82		20
Bromobenzene	ND		20
1,1,2,2-Tetrachloroethane	ND		20
1,2,3-Trichloropropane	ND		20
n-Propylbenzene	150		20
2-Chlorotoluene	ND		20
4-Chlorotoluene	ND		20
1,3,5-Trimethylbenzene	300		20
tert-Butylbenzene	ND		20
1,2,4-Trimethylbenzene	1300		20
sec-Butylbenzene	25		20
1,3-Dichlorobenzene	ND		20
p-Isopropyltoluene	22		20
1,4-Dichlorobenzene	ND		20
1,2-Dichlorobenzene	ND		20
n-Butylbenzene	ND		20
1,2-Dibromo-3-chloropropane	ND		100
1,2,4-Trichlorobenzene	ND		20
Hexachlorobutadiene	ND		20
Naphthalene	950		100
1,2,3-Trichlorobenzene	ND		20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-34
 Client ID: DPT-9 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		20
Chloromethane	ND		100
Vinyl Chloride	ND		20
Bromomethane	ND		20
Chloroethane	ND		100
Trichlorofluoromethane	ND		20
1,1-Dichloroethene	ND		20
Acetone	ND		500
Iodomethane	ND		100
Carbon Disulfide	ND		20
Methylene Chloride	ND		100
(trans) 1,2-Dichloroethene	ND		20
Methyl t-Butyl Ether	ND		20
1,1-Dichloroethane	ND		20
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		20
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		500
Bromochloromethane	ND		20
Chloroform	ND		20
1,1,1-Trichloroethane	ND		20
Carbon Tetrachloride	ND		20
1,1-Dichloropropene	ND		20
Benzene	1300		20
1,2-Dichloroethane	ND		20
Trichloroethene	ND		20
1,2-Dichloropropane	ND		20
Dibromomethane	ND		20
Bromodichloromethane	ND		20
2-Chloroethyl Vinyl Ether	ND		100
(cis) 1,3-Dichloropropene	ND		20
Methyl Isobutyl Ketone	ND		200
Toluene	2900		100
(trans) 1,3-Dichloropropene	ND		20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-34
 Client ID: DPT-9 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		20
Tetrachloroethene	21		20
1,3-Dichloropropane	ND		20
2-Hexanone	ND		200
Dibromochloromethane	ND		20
1,2-Dibromoethane	ND		20
Chlorobenzene	ND		20
1,1,1,2-Tetrachloroethane	ND		20
Ethylbenzene	970		20
m,p-Xylene	3000		40
o-Xylene	1500		20
Styrene	ND		20
Bromoform	ND		100
Isopropylbenzene	76		20
Bromobenzene	ND		20
1,1,2,2-Tetrachloroethane	ND		20
1,2,3-Trichloropropane	ND		20
n-Propylbenzene	140		20
2-Chlorotoluene	ND		20
4-Chlorotoluene	ND		20
1,3,5-Trimethylbenzene	280		20
tert-Butylbenzene	ND		20
1,2,4-Trimethylbenzene	1100		20
sec-Butylbenzene	26		20
1,3-Dichlorobenzene	ND		20
p-Isopropyltoluene	21		20
1,4-Dichlorobenzene	ND		20
1,2-Dichlorobenzene	ND		20
n-Butylbenzene	47		20
1,2-Dibromo-3-chloropropane	ND		100
1,2,4-Trichlorobenzene	ND		20
Hexachlorobutadiene	ND		20
Naphthalene	660		100
1,2,3-Trichlorobenzene	ND		20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-35
Client ID: DPT-10 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		20
Chloromethane	ND		100
Vinyl Chloride	ND		20
Bromomethane	ND		20
Chloroethane	ND		100
Trichlorofluoromethane	ND		20
1,1-Dichloroethene	ND		20
Acetone	ND		500
Iodomethane	ND		100
Carbon Disulfide	ND		20
Methylene Chloride	ND		100
(trans) 1,2-Dichloroethene	ND		20
Methyl t-Butyl Ether	ND		20
1,1-Dichloroethane	ND		20
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		20
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		500
Bromochloromethane	ND		20
Chloroform	ND		20
1,1,1-Trichloroethane	ND		20
Carbon Tetrachloride	ND		20
1,1-Dichloropropene	ND		20
Benzene	2500		20
1,2-Dichloroethane	ND		20
Trichloroethene	ND		20
1,2-Dichloropropane	ND		20
Dibromomethane	ND		20
Bromodichloromethane	ND		20
2-Chloroethyl Vinyl Ether	ND		100
(cis) 1,3-Dichloropropene	ND		20
Methyl Isobutyl Ketone	ND		200
Toluene	4600		100
(trans) 1,3-Dichloropropene	ND		20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-35
 Client ID: DPT-10 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		20
Tetrachloroethene	ND		20
1,3-Dichloropropane	ND		20
2-Hexanone	ND		200
Dibromochloromethane	ND		20
1,2-Dibromoethane	ND		20
Chlorobenzene	ND		20
1,1,1,2-Tetrachloroethane	ND		20
Ethylbenzene	1800		20
m,p-Xylene	6400		40
o-Xylene	3000		20
Styrene	ND		20
Bromoform	ND		100
Isopropylbenzene	93		20
Bromobenzene	ND		20
1,1,2,2-Tetrachloroethane	ND		20
1,2,3-Trichloropropane	ND		20
n-Propylbenzene	180		20
2-Chlorotoluene	ND		20
4-Chlorotoluene	ND		20
1,3,5-Trimethylbenzene	420		20
tert-Butylbenzene	ND		20
1,2,4-Trimethylbenzene	1700		20
sec-Butylbenzene	27		20
1,3-Dichlorobenzene	ND		20
p-Isopropyltoluene	23		20
1,4-Dichlorobenzene	ND		20
1,2-Dichlorobenzene	ND		20
n-Butylbenzene	61		20
1,2-Dibromo-3-chloropropane	ND		100
1,2,4-Trichlorobenzene	ND		20
Hexachlorobutadiene	ND		20
Naphthalene	940		100
1,2,3-Trichlorobenzene	ND		20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-36
 Client ID: DPT-11 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		20
Chloromethane	ND		100
Vinyl Chloride	ND		20
Bromomethane	ND		20
Chloroethane	ND		100
Trichlorofluoromethane	ND		20
1,1-Dichloroethene	ND		20
Acetone	ND		500
Iodomethane	ND		100
Carbon Disulfide	ND		20
Methylene Chloride	ND		100
(trans) 1,2-Dichloroethene	ND		20
Methyl t-Butyl Ether	ND		20
1,1-Dichloroethane	ND		20
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		20
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		500
Bromochloromethane	ND		20
Chloroform	ND		20
1,1,1-Trichloroethane	ND		20
Carbon Tetrachloride	ND		20
1,1-Dichloropropene	ND		20
Benzene	1500		20
1,2-Dichloroethane	ND		20
Trichloroethene	ND		20
1,2-Dichloropropane	ND		20
Dibromomethane	ND		20
Bromodichloromethane	ND		20
2-Chloroethyl Vinyl Ether	ND		100
(cis) 1,3-Dichloropropene	ND		20
Methyl Isobutyl Ketone	ND		200
Toluene	3000		100
(trans) 1,3-Dichloropropene	ND		20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-36
 Client ID: DPT-11 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		20
Tetrachloroethene	ND		20
1,3-Dichloropropane	ND		20
2-Hexanone	ND		200
Dibromochloromethane	ND		20
1,2-Dibromoethane	ND		20
Chlorobenzene	ND		20
1,1,1,2-Tetrachloroethane	ND		20
Ethylbenzene	1500		20
m,p-Xylene	5600		40
o-Xylene	2300		20
Styrene	ND		20
Bromoform	ND		100
Isopropylbenzene	95		20
Bromobenzene	ND		20
1,1,2,2-Tetrachloroethane	ND		20
1,2,3-Trichloropropane	ND		20
n-Propylbenzene	200		20
2-Chlorotoluene	ND		20
4-Chlorotoluene	ND		20
1,3,5-Trimethylbenzene	400		20
tert-Butylbenzene	ND		20
1,2,4-Trimethylbenzene	1700		20
sec-Butylbenzene	27		20
1,3-Dichlorobenzene	ND		20
p-Isopropyltoluene	22		20
1,4-Dichlorobenzene	ND		20
1,2-Dichlorobenzene	ND		20
n-Butylbenzene	ND		20
1,2-Dibromo-3-chloropropane	ND		100
1,2,4-Trichlorobenzene	ND		20
Hexachlorobutadiene	ND		20
Naphthalene	940		100
1,2,3-Trichlorobenzene	ND		20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-37
 Client ID: DPT-12 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	1.3		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	1.5		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-37
 Client ID: DPT-12 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	1.2		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	2.0		0.20
m,p-Xylene	4.5		0.40
o-Xylene	2.1		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	1.2		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	1.1		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	1.2		0.20
tert-Butylbenzene	0.22		0.20
1,2,4-Trimethylbenzene	4.0		0.20
sec-Butylbenzene	0.70		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	0.40		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	2.2		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	83	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-38
 Client ID: DPT-14 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-38
 Client ID: DPT-14 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.86		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	78	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-39
 Client ID: DPT-15 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-39
 Client ID: DPT-15 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.23		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	78	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-40

Client ID: DPT-16 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-40
 Client ID: DPT-16 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.62		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	77	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-41

Client ID: DPT-17 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-41
 Client ID: DPT-17 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.76		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	77	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-42
 Client ID: DPT-18 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-42
 Client ID: DPT-18 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	1.5		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	75	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-43

Client ID: DPT-13 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	0.65		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.21		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-43
 Client ID: DPT-13 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	5.1		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	0.79		0.20
m,p-Xylene	1.0		0.40
o-Xylene	0.65		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	12		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	2.4		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	0.27		0.20
1,2,4-Trimethylbenzene	0.71		0.20
sec-Butylbenzene	3.1		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	0.26		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	6.0		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	88	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-203-44
 Client ID: DPT-6 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		2.0
Chloromethane	ND		10
Vinyl Chloride	ND		2.0
Bromomethane	ND		2.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		2.0
1,1-Dichloroethene	ND		2.0
Acetone	ND		50
Iodomethane	ND		10
Carbon Disulfide	ND		2.0
Methylene Chloride	ND		10
(trans) 1,2-Dichloroethene	ND		2.0
Methyl t-Butyl Ether	ND		2.0
1,1-Dichloroethane	ND		2.0
Vinyl Acetate	ND		10
2,2-Dichloropropane	ND		2.0
(cis) 1,2-Dichloroethene	ND		2.0
2-Butanone	ND		50
Bromochloromethane	ND		2.0
Chloroform	ND		2.0
1,1,1-Trichloroethane	ND		2.0
Carbon Tetrachloride	ND		2.0
1,1-Dichloropropene	ND		2.0
Benzene	130		2.0
1,2-Dichloroethane	ND		2.0
Trichloroethene	ND		2.0
1,2-Dichloropropane	ND		2.0
Dibromomethane	ND		2.0
Bromodichloromethane	ND		2.0
2-Chloroethyl Vinyl Ether	ND		10
(cis) 1,3-Dichloropropene	ND		2.0
Methyl Isobutyl Ketone	ND		20
Toluene	70		10
(trans) 1,3-Dichloropropene	ND		2.0

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-203-44
 Client ID: DPT-6 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		2.0
Tetrachloroethene	13		2.0
1,3-Dichloropropane	ND		2.0
2-Hexanone	ND		20
Dibromochloromethane	ND		2.0
1,2-Dibromoethane	ND		2.0
Chlorobenzene	ND		2.0
1,1,1,2-Tetrachloroethane	ND		2.0
Ethylbenzene	140		2.0
m,p-Xylene	170		4.0
o-Xylene	35		2.0
Styrene	ND		2.0
Bromoform	ND		10
Isopropylbenzene	22		2.0
Bromobenzene	ND		2.0
1,1,2,2-Tetrachloroethane	ND		2.0
1,2,3-Trichloropropane	ND		2.0
n-Propylbenzene	43		2.0
2-Chlorotoluene	ND		2.0
4-Chlorotoluene	ND		2.0
1,3,5-Trimethylbenzene	80		2.0
tert-Butylbenzene	2.2		2.0
1,2,4-Trimethylbenzene	360		2.0
sec-Butylbenzene	5.9		2.0
1,3-Dichlorobenzene	ND		2.0
p-Isopropyltoluene	6.3		2.0
1,4-Dichlorobenzene	ND		2.0
1,2-Dichlorobenzene	ND		2.0
n-Butylbenzene	ND		2.0
1,2-Dibromo-3-chloropropane	ND		10
1,2,4-Trichlorobenzene	ND		2.0
Hexachlorobutadiene	ND		2.0
Naphthalene	95		10
1,2,3-Trichlorobenzene	ND		2.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0429W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0429W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	73	70-123

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB0429W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	9.50	95	8.83	88	70-130	
Benzene	10.0	11.3	113	10.8	108	70-130	
Trichloroethene	10.0	9.28	93	8.63	86	70-116	
Toluene	10.0	10.0	100	9.58	96	76-119	
Chlorobenzene	10.0	9.09	91	8.27	83	77-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	20	
Benzene	5	16	
Trichloroethene	7	16	
Toluene	5	15	
Chlorobenzene	9	15	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 3

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-203-29
 Client ID: DPT-6@12

Compound:	Results	Flags	PQL
N-Nitrosodimethylamine	ND		0.047
Pyridine	ND		0.047
Phenol	ND		0.047
Aniline	ND		0.047
bis(2-Chloroethyl)ether	ND		0.047
2-Chlorophenol	ND		0.047
1,3-Dichlorobenzene	ND		0.047
1,4-Dichlorobenzene	ND		0.047
Benzyl alcohol	ND		0.047
1,2-Dichlorobenzene	ND		0.047
2-Methylphenol (o-Cresol)	ND		0.047
bis(2-Chloroisopropyl)ether	ND		0.047
(3+4)-Methylphenol (m,p-Cresol)	ND		0.047
N-Nitroso-di-n-propylamine	ND		0.047
Hexachloroethane	ND		0.047
Nitrobenzene	ND		0.047
Isophorone	ND		0.047
2-Nitrophenol	ND		0.047
2,4-Dimethylphenol	ND		0.047
bis(2-Chloroethoxy)methane	ND		0.047
2,4-Dichlorophenol	ND		0.047
1,2,4-Trichlorobenzene	ND		0.047
Naphthalene	2.1		0.047
4-Chloroaniline	ND		0.047
Hexachlorobutadiene	ND		0.047
4-Chloro-3-methylphenol	ND		0.047
2-Methylnaphthalene	3.0		0.23
1-Methylnaphthalene	1.5		0.047

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

SEMIVOLATILES by EPA 8270D/SIM
 page 2 of 3

Lab ID: 04-203-29
 Client ID: DPT-6@12

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		0.047
2,4,6-Trichlorophenol	ND		0.047
2,3-Dichloroaniline	ND		0.047
2,4,5-Trichlorophenol	ND		0.047
2-Chloronaphthalene	ND		0.047
2-Nitroaniline	ND		0.047
1,4-Dinitrobenzene	ND		0.047
Dimethylphthalate	ND		0.047
1,3-Dinitrobenzene	ND		0.047
2,6-Dinitrotoluene	ND		0.047
1,2-Dinitrobenzene	ND		0.047
Acenaphthylene	ND		0.0094
3-Nitroaniline	ND		0.047
2,4-Dinitrophenol	ND		0.23
Acenaphthene	ND		0.0094
4-Nitrophenol	ND		0.047
2,4-Dinitrotoluene	ND		0.047
Dibenzofuran	ND		0.047
2,3,4,6-Tetrachlorophenol	ND		0.047
2,3,5,6-Tetrachlorophenol	ND		0.047
Diethylphthalate	ND		0.047
4-Chlorophenyl-phenylether	ND		0.047
4-Nitroaniline	ND		0.047
Fluorene	ND		0.0094
4,6-Dinitro-2-methylphenol	ND		0.23
N-Nitrosodiphenylamine	ND		0.047
1,2-Diphenylhydrazine	ND		0.047
4-Bromophenyl-phenylether	ND		0.047
Hexachlorobenzene	ND		0.047
Pentachlorophenol	ND		0.23
Phenanthrene	0.013		0.0094
Anthracene	ND		0.0094
Carbazole	ND		0.047
Di-n-butylphthalate	ND		0.047
Fluoranthene	ND		0.0094

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

SEMIVOLATILES by EPA 8270D/SIM
 page 3 of 3

Lab ID: 04-203-29
Client ID: DPT-6@12

Compound:	Results	Flags	PQL
Benzidine	ND		0.47
Pyrene	ND		0.0094
Butylbenzylphthalate	ND		0.047
bis-2-Ethylhexyladipate	ND		0.047
3,3'-Dichlorobenzidine	ND		0.047
Benzo[a]anthracene	ND		0.0094
Chrysene	ND		0.0094
bis(2-Ethylhexyl)phthalate	ND		0.047
Di-n-octylphthalate	ND		0.047
Benzo[b]fluoranthene	ND		0.0094
Benzo[k]fluoranthene	ND		0.0094
Benzo[a]pyrene	ND		0.0094
Indeno[1,2,3-cd]pyrene	ND		0.0094
Dibenz[a,h]anthracene	ND		0.0094
Benzo[g,h,i]perylene	ND		0.0094

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	66	39 - 90
Phenol-d6	76	35 - 100
Nitrobenzene-d5	72	30 - 100
2-Fluorobiphenyl	90	41 - 100
2,4,6-Tribromophenol	99	53 - 105
Terphenyl-d14	82	49 - 115

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

page 1 of 3

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0429S1

Compound:	Results	Flags	PQL
N-Nitrosodimethylamine	ND		0.033
Pyridine	ND		0.033
Phenol	ND		0.033
Aniline	ND		0.033
bis(2-Chloroethyl)ether	ND		0.033
2-Chlorophenol	ND		0.033
1,3-Dichlorobenzene	ND		0.033
1,4-Dichlorobenzene	ND		0.033
Benzyl alcohol	ND		0.033
1,2-Dichlorobenzene	ND		0.033
2-Methylphenol (o-Cresol)	ND		0.033
bis(2-Chloroisopropyl)ether	ND		0.033
(3+4)-Methylphenol (m,p-Cresol)	ND		0.033
N-Nitroso-di-n-propylamine	ND		0.033
Hexachloroethane	ND		0.033
Nitrobenzene	ND		0.033
Isophorone	ND		0.033
2-Nitrophenol	ND		0.033
2,4-Dimethylphenol	ND		0.033
bis(2-Chloroethoxy)methane	ND		0.033
2,4-Dichlorophenol	ND		0.033
1,2,4-Trichlorobenzene	ND		0.033
Naphthalene	ND		0.0067
4-Chloroaniline	ND		0.033
Hexachlorobutadiene	ND		0.033
4-Chloro-3-methylphenol	ND		0.033
2-Methylnaphthalene	ND		0.0067
1-Methylnaphthalene	ND		0.0067

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 2 of 3

Lab ID: MB0429S1

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		0.033
2,4,6-Trichlorophenol	ND		0.033
2,3-Dichloroaniline	ND		0.033
2,4,5-Trichlorophenol	ND		0.033
2-Chloronaphthalene	ND		0.033
2-Nitroaniline	ND		0.033
1,4-Dinitrobenzene	ND		0.033
Dimethylphthalate	ND		0.033
1,3-Dinitrobenzene	ND		0.033
2,6-Dinitrotoluene	ND		0.033
1,2-Dinitrobenzene	ND		0.033
Acenaphthylene	ND		0.0067
3-Nitroaniline	ND		0.033
2,4-Dinitrophenol	ND		0.17
Acenaphthene	ND		0.0067
4-Nitrophenol	ND		0.033
2,4-Dinitrotoluene	ND		0.033
Dibenzofuran	ND		0.033
2,3,4,6-Tetrachlorophenol	ND		0.033
2,3,5,6-Tetrachlorophenol	ND		0.033
Diethylphthalate	ND		0.033
4-Chlorophenyl-phenylether	ND		0.033
4-Nitroaniline	ND		0.033
Fluorene	ND		0.0067
4,6-Dinitro-2-methylphenol	ND		0.17
N-Nitrosodiphenylamine	ND		0.033
1,2-Diphenylhydrazine	ND		0.033
4-Bromophenyl-phenylether	ND		0.033
Hexachlorobenzene	ND		0.033
Pentachlorophenol	ND		0.17
Phenanthrene	ND		0.0067
Anthracene	ND		0.0067
Carbazole	ND		0.033
Di-n-butylphthalate	ND		0.033
Fluoranthene	ND		0.0067

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 3 of 3

Lab ID: MB0429S1

Compound:	Results	Flags	PQL
Benzidine	ND		0.33
Pyrene	ND		0.0067
Butylbenzylphthalate	ND		0.033
bis-2-Ethylhexyladipate	ND		0.033
3,3'-Dichlorobenzidine	ND		0.033
Benzo[a]anthracene	ND		0.0067
Chrysene	ND		0.0067
bis(2-Ethylhexyl)phthalate	ND		0.033
Di-n-octylphthalate	ND		0.033
Benzo[b]fluoranthene	ND		0.0067
Benzo[k]fluoranthene	ND		0.0067
Benzo[a]pyrene	ND		0.0067
Indeno[1,2,3-cd]pyrene	ND		0.0067
Dibenz[a,h]anthracene	ND		0.0067
Benzo[g,h,i]perylene	ND		0.0067

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	79	39 - 90
Phenol-d6	89	35 - 100
Nitrobenzene-d5	71	30 - 100
2-Fluorobiphenyl	86	41 - 100
2,4,6-Tribromophenol	93	53 - 105
Terphenyl-d14	91	49 - 115

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-205-03

Compound:	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
Phenol	ND	1.33	1.06	79	0.892	67	43-89	
2-Chlorophenol	ND	1.33	1.18	89	0.959	72	37-90	
1,4-Dichlorobenzene	ND	0.667	0.417	63	0.360	54	33-75	
N-Nitroso-di-n-propylamine	ND	0.667	0.475	71	0.416	62	32-99	
1,2,4-Trichlorobenzene	ND	0.667	0.364	55	0.322	48	37-85	
4-Chloro-3-methylphenol	ND	1.33	1.06	80	1.04	78	52-97	
Acenaphthene	ND	0.667	0.468	70	0.465	70	26-104	
2,4-Dinitrotoluene	ND	0.667	0.554	83	0.553	83	52-104	
4-Nitrophenol	ND	1.33	1.35	102	1.39	105	43-116	
Pentachlorophenol	ND	1.33	1.12	84	1.12	84	39-130	
Pyrene	ND	0.667	0.521	78	0.553	83	30-116	

	RPD	RPD Limits	Flags
Phenol	17	29	
2-Chlorophenol	20	28	
1,4-Dichlorobenzene	15	27	
N-Nitroso-di-n-propylamine	13	30	
1,2,4-Trichlorobenzene	12	28	
4-Chloro-3-methylphenol	2	22	
Acenaphthene	1	25	
2,4-Dinitrotoluene	0	30	
4-Nitrophenol	3	30	
Pentachlorophenol	1	30	
Pyrene	6	20	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

PCBs by EPA 8082

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	DPT-6@12					
Laboratory ID:	04-203-29					
Aroclor 1016	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1221	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1232	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1242	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1248	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1254	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1260	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1262	ND	0.070	EPA 8082	4-28-08	4-28-08	
Aroclor 1268	ND	0.070	EPA 8082	4-28-08	4-28-08	
Surrogate:	Percent Recovery	Control Limits				
DCB	66	39-118				

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**PCBs by EPA 8082
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0428S1					
Aroclor 1016	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1221	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1232	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1242	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1248	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1254	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1260	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1262	ND	0.050	EPA 8082	4-28-08	4-28-08	
Aroclor 1268	ND	0.050	EPA 8082	4-28-08	4-28-08	
Surrogate:	Percent Recovery	Control Limits				
DCB	81	39-118				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES										
Laboratory ID:	04-203-29									
	MS	MSD	MS	MSD		MS	MSD			
Aroclor 1260	0.296	0.277	0.500	0.500	ND	59	55	35-120	7	17
Surrogate:										
DCB						63	64	39-118		

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL METALS
EPA 6010B/7471A**

Date Extracted: 4-25-08
Date Analyzed: 4-25&28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-29
Client ID: DPT-6@12

Analyte	Method	Result	PQL
Arsenic	6010B	ND	14
Barium	6010B	59	3.5
Cadmium	6010B	ND	0.70
Chromium	6010B	38	0.70
Lead	6010B	8.6	7.0
Mercury	7471A	ND	0.35
Selenium	6010B	ND	14
Silver	6010B	ND	0.70

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-25-08
Date Analyzed: 4-25&28-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0425S1&MB0425S2

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Barium	6010B	ND	2.5
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Lead	6010B	ND	5.0
Mercury	7471A	ND	0.25
Selenium	6010B	ND	10
Silver	6010B	ND	0.50

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 4-25-08
 Date Analyzed: 4-25&28-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-207-12

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Barium	45.2	46.3	2	2.5	
Cadmium	ND	ND	NA	0.50	
Chromium	21.4	22.9	7	0.50	
Lead	16.3	17.2	5	5.0	
Mercury	ND	ND	NA	0.25	
Selenium	ND	ND	NA	10	
Silver	ND	ND	NA	0.50	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 4-25-08
 Date Analyzed: 4-25&28-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-207-12

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	99.7	100	101	101	2	
Barium	100	139	94	139	94	0	
Cadmium	50	47.3	95	47.9	96	1	
Chromium	100	122	101	123	102	1	
Lead	250	246	92	248	93	1	
Mercury	0.50	0.496	99	0.468	94	6	
Selenium	100	87.6	88	88.6	89	1	
Silver	25	22.1	88	22.4	90	2	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**TOTAL LEAD
 EPA 6010B**

Date Extracted: 4-28&29-08
 Date Analyzed: 4-29-08
 Matrix: Soil
 Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-7@14	04-203-02	ND	5.6
DPT-8@10	04-203-03	24	7.9
DPT-8@14	04-203-04	ND	5.7
DPT-9@8	04-203-06	ND	7.9
DPT-9@13	04-203-07	ND	5.7
DPT-10@10	04-203-08	ND	8.2
DPT-10@14.5	04-203-09	ND	5.4
DPT-11@10	04-203-11	12	8.5
DPT-11@14.5	04-203-12	ND	6.3
DPT-12@7	04-203-14	ND	8.2
DPT-12@15	04-203-15	ND	6.4
DPT-14@3	04-203-16	320	7.7
DPT-14@10	04-203-17	ND	6.9
DPT-15@3.5	04-203-18	ND	7.5

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 4-28&29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-16@3.5	04-203-20	11	7.4
DPT-16@8.5	04-203-21	ND	6.8
DPT-17@6.5	04-203-22	ND	7.5
DPT-17@12.5	04-203-23	ND	5.8
DPT-18@7	04-203-24	ND	7.6
DPT-18@14	04-203-25	ND	5.7
DPT-13@9	04-203-26	ND	7.8
DPT-13@13	04-203-27	ND	5.4
DPT-6@16	04-203-30	ND	6.1

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-28-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0428S1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-28&29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0429S1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 4-28-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-223-01

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	ND	ND	NA		5.0

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 4-28&29-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-203-25

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	ND	ND	NA		5.0

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 4-28-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-223-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	274	110	275	110	1	

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 4-28&29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-25

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	221	88	220	88	1	

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

TOTAL LEAD
EPA 200.8

Date Extracted: 4-29-08
 Date Analyzed: 4-29&30-08

Matrix: Water
 Units: ug/L (ppb)

Client ID	Lab ID	Result	PQL
DPT-7 H2O	04-203-32	28	1.1
DPT-8 H2O	04-203-33	30	1.1
DPT-9 H2O	04-203-34	11	1.1
DPT-10 H2O	04-203-35	50	1.1
DPT-11 H2O	04-203-36	20	1.1
DPT-12 H2O	04-203-37	ND	1.1
DPT-14 H2O	04-203-38	ND	1.1
DPT-15 H2O	04-203-39	2.6	1.1
DPT-16 H2O	04-203-40	ND	1.1
DPT-17 H2O	04-203-41	ND	1.1
DPT-18 H2O	04-203-42	ND	1.1
DPT-13 H2O	04-203-43	4.0	1.1
DPT-6 H2O	04-203-44	2.0	1.1

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

TOTAL LEAD
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29&30-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0429W1

Analyte	Method	Result	PQL
Lead	200.8	ND	1.1

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 200.8
DUPLICATE QUALITY CONTROL**

Date Extracted: 4-29-08
Date Analyzed: 4-29&30-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-32

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	27.9	27.2	3	1.1	

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

**TOTAL LEAD
EPA 200.8
MS/MSD QUALITY CONTROL**

Date Extracted: 4-29-08
Date Analyzed: 4-29&30-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-32

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	110	135	97	134	96	1	

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-32

Client ID: **DPT-7 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	48	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08
Date Analyzed: 4-29&5-1-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-33
Client ID: **DPT-8 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	1.2	0.20	

Surrogate	Percent Recovery	Control Limits
TCMX	42	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08
Date Analyzed: 4-29&5-1-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-34
Client ID: **DPT-9 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.77	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	40	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08
Date Analyzed: 4-29&5-1-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-35
Client ID: **DPT-10 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	3.7	0.98	

Surrogate	Percent Recovery	Control Limits
TCMX	56	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08
Date Analyzed: 4-29&5-1-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-203-36
Client ID: **DPT-11 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.70	0.20	

Surrogate	Percent Recovery	Control Limits
TCMX	37	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-37

Client ID: **DPT-12 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0099	

Surrogate	Percent Recovery	Control Limits
TCMX	70	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-38

Client ID: **DPT-14 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0097	

Surrogate	Percent Recovery	Control Limits
TCMX	93	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-39

Client ID: **DPT-15 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	77	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-40

Client ID: **DPT-16 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	76	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-41

Client ID: **DPT-17 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0097	

Surrogate	Percent Recovery	Control Limits
TCMX	73	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-42

Client ID: **DPT-18 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	69	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-43

Client ID: **DPT-13 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	65	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-203-44

Client ID: **DPT-6 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.037	0.0098	

Surrogate	Percent Recovery	Control Limits
TCMX	61	30 - 136

Date of Report: May 2, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203
Project: 51201.2

EDB by EPA 8011
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0429W1

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.010	

Surrogate	Percent Recovery	Control Limits
TCMX	92	30 - 136

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

**EDB by EPA 8011
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0429W1

Analyte	SB Spike Level	SB	Percent Recovery	SBD Spike Level	SBD	Percent Recovery	RPD
EDB	0.100	0.0892	89	0.100	0.0894	89	0

Surrogate	Percent Recovery	Percent Recovery	Control Limits
TCMX	91	82	30 - 136

Date of Report: May 2, 2008
 Samples Submitted: April 23, 2008
 Laboratory Reference: 0804-203
 Project: 51201.2

% MOISTURE

Date Analyzed: 4-24-08

Client ID	Lab ID	% Moisture
DPT-7@14	04-203-02	10
DPT-8@10	04-203-03	37
DPT-8@14	04-203-04	12
DPT-9@8	04-203-06	37
DPT-9@13	04-203-07	13
DPT-10@10	04-203-08	39
DPT-10@14.5	04-203-09	8
DPT-11@10	04-203-11	41
DPT-11@14.5	04-203-12	20
DPT-12@7	04-203-14	39
DPT-12@15	04-203-15	22
DPT-14@3	04-203-16	35
DPT-14@10	04-203-17	28
DPT-15@3.5	04-203-18	33
DPT-15@9	04-203-19	31
DPT-16@3.5	04-203-20	32
DPT-16@8.5	04-203-21	26
DPT-17@6.5	04-203-22	33
DPT-17@12.5	04-203-23	14
DPT-18@7	04-203-24	34
DPT-18@14	04-203-25	12
DPT-13@9	04-203-26	36
DPT-13@13	04-203-27	8
DPT-6@12	04-203-29	29
DPT-6@16	04-203-30	18



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Chain of Custody

Page 1 of 6

Turnaround Request
(in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Company:

ENVIRONMENTAL PARTNERS, INC.

Project Number:

51201.2

Project Name:

Whitney's

Project Manager:

Thomas Morin

Sampled by:

D. Galloway & K. Adis

Laboratory Number:

04-203

Requested Analysis

ENVIRONMENTAL PARTNERS, INC.		☐ Same Day		☐ 1 Day	
Project Number:		☐ 2 Day		☐ 3 Day	
51201.2		☒ Standard (7 working days)			
Project Name:		(TPH analysis 5 working days)			
Whitney's					
Project Manager:					
Thom Morin					
Sampled by:					
D'Gallaway & K. Levis					
		(other)			

Comments/Special Instructions:

Added 4/28/08. DB.

Time

Date

Company

Signature

Relinquished by

Received by

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Chain of Custody

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Company: **ENVIRONMENTAL PARTNERS, INC.**
Project Number: **57201.2**
Project Name: **Whitney's**
Project Manager: **Thom Mason**
Sampled by: **D. Gallaway & K. Addis**

Laboratory Number:

04-203

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	Total Lead (60103/6020)	% Moisture
11	DPT-11010	4/21/08	1030	S	6		X	X	X												X	
12	DPT-11014.5	4/22/08	1035	S	6		X	X	X												X	
13	DPT-11018	4/22/08	1045	S	6				Hold													
14	DPT-1207	4/22/08	0702	S	6		X	X	X												X	
15	DPT-12015	4/22/08	0715	S	6		X	X	X												X	
16	DPT-1403	4/21/08	0935	S	6		X	X	X												X	
17	DPT-14010	4/21/08	0940	S	6		X	X	X												X	
18	DPT-1503.5	4/21/08	1052	S	6		X	X	X												X	
19	DPT-1509	4/21/08	1122	S	6		~~Canceled~~	~~X~~	~~X~~												~~X~~	
20	DPT-1603.5	4/21/08	1312	S	6		X	X	X												X	

Comments/Special Instructions:

Date Time

Company

Signature

Relinquished by		2P1	4/23/08	1510
Received by		Foot	4/23/08	1510
Relinquished by				
Received by		OnSite	4/23/08	1740
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date	Chromatograms with final report ☐	



**OnSite
Environmental Inc.**

Phone: (425) 883-3881 • Fax: (425) 885-4603

D. Gallenay & K. Addis

(other)

Requested Analysis

04-203

Page 3 of 6

Project Name: <u>Whitney's</u>		Date Sampled		Time Sampled	Matrix	# of Cont.
Project Number: <u>51201.2</u>		Date Sampled		Time Sampled	Matrix	# of Cont.
Project Manager: <u>Thom Morin</u>		Date Sampled		Time Sampled	Matrix	# of Cont.
Sampled by: <u>D. Gallaway & K. Addis</u>		Date Sampled		Time Sampled	Matrix	# of Cont.
21	OPT-1608.5	4/21/08	1324	S		6
22	DPT-1706.5	4/21/08	1440	S		6
23	DPT-17012.5	4/21/08	1455	S		6
24	DPT-1807	4/21/08	1616	S		6
25	DPT-18014	4/21/08	1625	S		6
26	DPT-1309	4/23/08	1050	S		6
27	DPT-13013	4/23/08	1111	S		6
28	DPT-13018	4/23/08	1120	S		6
29	DPT-6012	4/23/08	1320	S		7
30	DPT-6016	4/23/08	1331	S		6



1d3
Per foot

4/23/08	1570
4/23/08	1570

Comments/Special Instructions:

⑧ Added 4/28/08. DRZ

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Page 4 of 6

Environmental Inc.

14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

ENVIRONMENTAL PARTNERS INC

Project Number:

57201.2

Project Name:

Whitney's

Project Manager:

Thom Morris

Sampled by:

D. Callaway & K. Addison

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ ~~Standard~~ (7 working days)
(TPH analysis 5 working days)

(other)

Laboratory Number:

04-203

Requested Analysis

Requested Analysis					
NWTPH-HCID					
NWTPH-GX/BTEX					
NWTPH-Dx					
Volatiles by 8260B					
Halogenated Volatiles by 8260B					
Semivolatiles by 8270C					
PAHs by 8270C / SIM					
PCBs by 8082					
Pesticides by 8081A					
Herbicides by 8151A					
Total RCRA Metals (8)					
TCLP Metals					
HEM by 1664					
VPH					
EPH					
% Moisture					

Company: Environmental Partners, Inc.

Project Number: 57201.2

Project Name: Whitney's

Project Manager: Thom Worin

Sampled by: D. Callaway & K. Addison

(Check One)

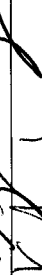
☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
31	DPT-6020	4/23/08	1340	S	✓

Signature	Company	Date	Time	Comments/Special Instructions:
	SP1	4/23/08	1510	
	Footfoot	4/23/08	1510	
	OSI Inc	4/23/08	1740	
				
				
				
Reviewed by/Date	Reviewed by/Date	Chromatograms with final report ☐		

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Chain of Custody

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

ENVIRONMENTAL PARTNERS, LLC

Project Number:

51201.2

Project Name:

Whitney's

Project Manager:

Thom Morin

Sampled by:

DuGallanney & K. Addis

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-203

Requested Analysis

ENVIRONMENTAL PARTNERS, INC		☐ Same Day ☐ 1 Day																			
Project Number: 51201.2		☐ 2 Day ☐ 3 Day																			
Project Name: Whitney's		☒ Standard (7 working days)																			
Project Manager: Thom Morin		(TPH analysis 5 working days)																			
Sampled by: DuGallaway & K. Addis		☐ (other)																			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-GX/PTX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Lead (uCi/100/620)	% Moisture	
32	DPT-7 H2O	4/22/08	1345	W	10		X	X	X											Total Lead (uCi/100/620)	
33	DPT-8 H2O	4/23/08	0950	W	10		X	X	X											Total Lead (uCi/100/620)	
34	DPT-9 H2O	4/22/08	1652	W	10		X	X	X											Total Lead (uCi/100/620)	
35	DPT-10 H2O	4/22/08	0931	W	10		X	X	X											Total Lead (uCi/100/620)	
36	DPT-11 H2O	4/22/08	1125	W	10		X	X	X											Total Lead (uCi/100/620)	
37	DPT-12 H2O	4/22/08	0740	W	10		X	X	X											Total Lead (uCi/100/620)	
38	DPT-14 H2O	4/21/08	1007	W	10		X	X	X											Total Lead (uCi/100/620)	
39	DPT-15 H2O	4/21/08	1223	W	10		X	X	X											Total Lead (uCi/100/620)	
40	DPT-16 H2O	4/21/08	1415	W	10		X	X	X											Total Lead (uCi/100/620)	
41	DPT-17 H2O	4/21/08	1517	W	10		X	X	X											Total Lead (uCi/100/620)	

Comments/Special Instructions:

Date

Company

Signature

Relinquished by		4/23/08	1510
Received by		4/23/08	1570
Relinquished by			
Received by		4/23/08	1740
Relinquished by			
Received by			

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



OnSite
Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Chain of Custody

Page 6 of 6

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Company:

ENVIRONMENTAL PARTNERS, INC.

Project Number:

57201.2

Project Name:

Whitney's

Project Manager:

Thom Moran

Sampled by:

D. Galloway & K. Addis

Laboratory Number:

04-203

Requested Analysis

NWTPH-HCID	NWTPH-GX/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Lead (60103/6020)	EDB-Lead (8011)	% Moisture
															</

Signature

Company

Date

Time

Comments/Special Instructions:

Relinquished by

Received by

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 14, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-203B

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on April 23, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

Case Narrative

Samples were collected on April 21, 22, and 23, 2008 and received by the laboratory on April 23, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis; and some samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Sample DPT-15@9 was analyzed outside of holding time per client's request.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

NWTPH Dx Analysis

Sample DPT-15@9 was analyzed outside of holding time per client's request.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-15@9**
Lab ID: 04-203-19

	Result	Flags	PQL
TPH-Gas	ND		6.2
Surrogate Recovery: Fluorobenzene	71%		

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0508S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	89%		

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-8-08

Date Analyzed: 5-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	05-060-06 Original	05-060-06 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	89%	85%		

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Dx

Date Extracted: 5-8-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: DPT-15@9
Lab ID: 04-203-19

Diesel Range: **ND**
PQL: 36
Identification: ---

Lube Oil Range: **ND**
PQL: 72
Identification: ---

Surrogate Recovery
o-Terphenyl: 82%

Flags: Y

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0508S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 90%

Flags: Y

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8&12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-029-01 05-029-01 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 137% 88%

Flags: Y Y

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 5-9-08

Date Analyzed: 5-9-08

Matrix: Soil

Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-15@9	04-203-19	ND	7.2

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-9-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0509S2

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-9-08

Date Analyzed: 5-9-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-029-01

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	12.5	12.9	3		5.0

Date of Report: May 14, 2008
Samples Submitted: April 23, 2008
Laboratory Reference: 0804-203B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 5-9-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-029-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	247	94	241	91	3	



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



**OnSite
Environmental Inc.**
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Chain of Custody

Turnaround Request (in working days)			Laboratory Number: 04-203										Requested Analysis											
(Check One)			Date Sampled		Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	Total Lead (40103/6020)	% Moisture
Company:	ENVIRONMENTAL PARTNERS, INC.		4/22/08		1030	S	6	X	X	X	X												X	✓
Project Number:	57201.2		4/22/08		1035	S	6	X	X	X	X												X	→
Project Name:	Whitney's		4/22/08		1045	S	6																	
Project Manager:	Thomas Morin		4/22/08		0702	S	6	X	X	X	X												X	✓
Sampled by:	D. Gallaway & K. Addis		4/22/08		0715	S	6	X	X	X	X												X	✓
			4/21/08		0935	S	6	X	X	X	X												X	✓
			4/21/08		0940	S	6	X	X	X	X												X	✓
			4/21/08		1052	S	6	X	X	X	X												X	✓
			4/21/08		1122	S	6																X	✓
			4/21/08		1312	S	6	X	X	X	X												X	✓
Relinquished by	[Signature]		4/23/08		1510																			
Received by	[Signature]		4/23/08		1510																			
Relinquished by	[Signature]		4/23/08		1740																			
Received by	[Signature]		4/23/08		1740																			
Relinquished by	[Signature]																							
Received by	[Signature]																							
Reviewed by/Date	[Signature]																							

Comments/Special Instructions: ● Added 5/18/08. DB.

Chromatograms with final report ☐



Chain of Custody

Page 3 of 6

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

ENVIRONMENTAL PARTNERS, INC.

Project Number:

51201.2

Project Name:

Whitney's

Project Manager:

Thom Morin

Sampled by:

D. Gallaway & K. Addis

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-203

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-GX/STX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Lead (6/10/20/60/200)	% Moisture
21	OPT-1608.5	4/2/08	1324	S	6		X	X	X										X	
22	DPT-1706.5	4/2/08	1440	S	6		X	X	X										X	
23	DPT-17012.5	4/2/08	1435	S	6		X	X	X										X	
24	DPT-1807	4/2/08	1616	S	6		X	X	X										X	
25	DPT-18014	4/2/08	1625	S	6		X	X	X										X	
26	DPT-1309	4/23/08	1050	S	6		X	X	X										X	
27	DPT-13013	4/23/08	1111	S	6		X	X	X										X	
28	DPT-13018	4/23/08	1120	S	6		X	X	X										X	
29	DPT-6012	4/23/08	1320	S	7		X	X	X										X	
30	DPT-6016	4/23/08	1331	S	6		X	X	X										X	

Comments/Special Instructions:

Added 4/28/08. DB

Date

Company

Signature

4/23/08 1510

EPH

[Signature]

4/23/08 1510

Flux fault

[Signature]

4/23/08 1740

OnSite Inc

[Signature]

4/23/08 1740

OnSite Inc

[Signature]

4/23/08 1740

OnSite Inc

[Signature]

4/23/08 1740

OnSite Inc

[Signature]

4/23/08 1740

OnSite Inc

[Signature]

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Chain of Custody

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Environmental Partners, Inc.
Project Number: 57201.2
Project Name: Whitney's
Project Manager: Thom Morin
Sampled by: D. Callaway & K. Addis

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Laboratory Number:

04-203

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-GX/STX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Total Lead (uL/g/1020)	% Moisture
32	DPT-7 H2O	4/22/08	1345	W	10		X	X	X										X	X
33	DPT-8 H2O	4/23/08	0950	W	10		X	X	X										X	X
34	DPT-9 H2O	4/24/08	1652	W	10		X	X	X										X	X
35	DPT-10 H2O	4/24/08	0931	W	10		X	X	X										X	X
36	DPT-11 H2O	4/24/08	1125	W	10		X	X	X										X	X
37	DPT-12 H2O	4/24/08	0740	W	10		X	X	X										X	X
38	DPT-14 H2O	4/21/08	1007	W	10		X	X	X										X	X
39	DPT-15 H2O	4/21/08	1223	W	10		X	X	X										X	X
40	DPT-16 H2O	4/21/08	1415	W	10		X	X	X										X	X
41	DPT-17 H2O	4/21/08	1517	W	10		X	X	X										X	X

Comments/Special Instructions:

Date

Company

Signature

Relinquished by		4/23/08	1510	
Received by		4/23/08	1570	
Relinquished by		4/23/08	1740	
Received by				
Relinquished by				
Received by				
Reviewed by/Date				Chromatograms with final report ☐



OnSite
Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4503

Company: ENVIRONMENTAL PARTNERS, INC.
Project Number: 57201.2
Project Name: Whitney's
Project Manager: Thom Moira
Sampled by: D. Gallaway & K. Addis

Chain of Custody

Page 6 of 6

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Laboratory Number:

04-203

Requested Analysis

NWTPH-HCID	NWTPH-GX/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	Total Lead (60103/6020)	FDB-Lead (8011)	% Moisture
	X	X	X										X	X	
	X	X	X										X	X	
	X	X	X										X	X	

Date Sampled Time Sampled Matrix # of Cont.

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
42	DPT-18 H2O	4/23/08	1650	W	10
43	DPT-13 H2O	4/23/08	1204	W	10
44	DPT-6 H2O	4/23/08	1414	W	10

[Large handwritten signature/initials across the bottom of the table]

Comments/Special Instructions:

Date Time

Company

Signature

Relinquished by	<u>[Signature]</u>	SP1	4/23/08	1570
Received by	<u>[Signature]</u>	Plantfoot	4/23/08	1570
Relinquished by	<u>[Signature]</u>	ASXco Inc	4/23/08	1740
Received by	<u>[Signature]</u>			
Relinquished by				
Received by				

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 6, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-228

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on April 26, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a horizontal line.

David Baumeister
Project Manager

Enclosures

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

Case Narrative

Samples were collected on April 21, 22, 23, 24, and 25, 2008 and received by the laboratory on April 26, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The samples associated with project Whitney's caused a degradation in the purge and trap system which diminished the presence of 2-Chloroethyl Vinyl Ether. Therefore, levels of 2-Chloroethyl Vinyl Ether could potentially exist at a much higher level than the reported Practical Quantitation Limit.

The value reported for 1,2,4-Trimethylbenzene for sample DPT-2 @ 13.5 exceeds the quantitation range at the maximum possible dilution and is therefore an estimate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-1@8**
Lab ID: 04-228-02

DPT-1@12
04-228-04

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.6	340		7.8
Surrogate Recovery: Fluorobenzene	83%			86%		

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-2@8	DPT-2@13.5
Lab ID:	04-228-06	04-228-08

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	20		6.1	1700		110
Surrogate Recovery: Fluorobenzene	81%			---	S	

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
Date Analyzed: 5-1&2-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-3@9	DPT-3@13
Lab ID:	04-228-11	04-228-12

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	1100		110	31		5.2
Surrogate Recovery: Fluorobenzene	---	S		69%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-4@8	DPT-4@13
Lab ID:	04-228-14	04-228-15

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		6.2	39		9.2
Surrogate Recovery: Fluorobenzene	77%			93%		

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-7@8	DPT-19@5
Lab ID:	04-228-19	04-228-31

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		7.2	ND		7.5
Surrogate Recovery: Fluorobenzene	75%			55%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-19@14**
Lab ID: 04-228-33

DPT-21@9
04-228-37

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.2	ND		6.7
Surrogate Recovery: Fluorobenzene	66%			72%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-21@14**
Lab ID: 04-228-38

	Result	Flags	PQL
TPH-Gas	ND		6.2
Surrogate Recovery: Fluorobenzene	57%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0501S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	91%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-1-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0501S2

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	91%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-171-12 Original	04-171-12 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	76%	77%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-228-02 Original	04-228-02 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	83%	76%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-29&30-08
Date Analyzed: 4-29&30-08

Matrix: Water
Units: ug/L (ppb)

Client ID:	DPT-1 H2O	DPT-2 H2O
Lab ID:	04-228-39	04-228-40

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	2800		500	54000		10000
Surrogate Recovery:						
Fluorobenzene	82%			86%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-3 H2O**
Lab ID: 04-228-41

DPT-4 H2O
04-228-42

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	1100		500	220		100
Surrogate Recovery: Fluorobenzene	84%			97%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Client ID:	DPT-5 H2O	DPT-19 H2O
Lab ID:	04-228-43	04-228-44

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	78000		25000	74000		25000
Surrogate Recovery: Fluorobenzene	83%			79%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **DPT-20 H2O**
Lab ID: 04-228-45

DPT-21 H2O
04-228-46

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		100	ND		100
Surrogate Recovery: Fluorobenzene	89%			85%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0429W1

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	92%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-30-08
Date Analyzed: 4-30-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0430W1

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	85%		

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	04-228-42 Original	04-228-42 Duplicate	RPD	Flags
TPH-Gas	221	196	12	
Surrogate Recovery: Fluorobenzene	97%	88%		

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-2-08
 Date Analyzed: 5-2-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-1@8	DPT-1@12	DPT-2@8
Lab ID:	04-228-02	04-228-04	04-228-06
Diesel Range:	ND	ND	ND
PQL:	35	42	36
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	70	85	72
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	94%	86%	82%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-2-08
 Date Analyzed: 5-2-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-2@13.5	DPT-3@9	DPT-3@13
Lab ID:	04-228-08	04-228-11	04-228-12
Diesel Range:	ND	ND	ND
PQL:	35	35	33
Identification:	---	---	---
Lube Oil Range:	160	ND	ND
PQL:	69	69	67
Identification:	Lube Oil	---	---
Surrogate Recovery			
o-Terphenyl:	107%	96%	91%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-2-08
 Date Analyzed: 5-2-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-4@8	DPT-4@13	DPT-7@8
Lab ID:	04-228-14	04-228-15	04-228-19
Diesel Range:	ND	ND	ND
PQL:	37	30	36
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	74	60	72
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	89%	94%	78%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-2-08
 Date Analyzed: 5-2-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-19@5	DPT-19@14	DPT-21@9
Lab ID:	04-228-31	04-228-33	04-228-37
Diesel Range:	ND	ND	ND
PQL:	42	33	38
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	83	65	76
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	98%	95%	92%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: DPT-21@14
Lab ID: 04-228-38

Diesel Range: **ND**
PQL: 36
Identification: ---

Lube Oil Range: **ND**
PQL: 71
Identification: ---

Surrogate Recovery
o-Terphenyl: 101%

Flags: Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0502S2

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 84%

Flags: Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-228-33 04-228-33 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 95% 107%

Flags: Y Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-1 H2O	DPT-2 H2O	DPT-3 H2O
Lab ID:	04-228-39	04-228-40	04-228-41
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	86%	83%	89%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

NWTPH-Dx

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	DPT-4 H2O	DPT-5 H2O	DPT-19 H2O
Lab ID:	04-228-42	04-228-43	04-228-44
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	84%	94%	83%
Flags:	Y	Y	Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-30-08
Date Analyzed: 4-30-08

Matrix: Water
Units: mg/L (ppm)

Client ID:	DPT-20 H2O	DPT-21 H2O
Lab ID:	04-228-45	04-228-46

Diesel Range:	ND	ND
PQL:	0.25	0.25
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	0.40	0.40
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	80%	84%
Flags:	Y	Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-30-08
Date Analyzed: 4-30-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0430W1

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 84%

Flags: Y

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-30-08
Date Analyzed: 4-30-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 04-228-39 04-228-39 DUP

Diesel Range: **ND** **ND**
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 86% 88%

Flags: Y Y

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-02
Client ID: DPT-1@8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0037
Chloromethane	ND		0.0037
Vinyl Chloride	ND		0.0037
Bromomethane	ND		0.00074
Chloroethane	ND		0.0037
Trichlorofluoromethane	ND		0.00074
1,1-Dichloroethene	ND		0.00074
Acetone	0.029		0.0037
Iodomethane	ND		0.0037
Carbon Disulfide	ND		0.00074
Methylene Chloride	ND		0.0037
(trans) 1,2-Dichloroethene	ND		0.00074
Methyl t-Butyl Ether	ND		0.00074
1,1-Dichloroethane	ND		0.00074
Vinyl Acetate	ND		0.0037
2,2-Dichloropropane	ND		0.00074
(cis) 1,2-Dichloroethene	ND		0.00074
2-Butanone	0.0054		0.0037
Bromochloromethane	ND		0.00074
Chloroform	ND		0.00074
1,1,1-Trichloroethane	ND		0.00074
Carbon Tetrachloride	ND		0.00074
1,1-Dichloropropene	ND		0.00074
Benzene	ND		0.00074
1,2-Dichloroethane	ND		0.00074
Trichloroethene	ND		0.00074
1,2-Dichloropropane	ND		0.00074
Dibromomethane	ND		0.00074
Bromodichloromethane	ND		0.00074
2-Chloroethyl Vinyl Ether	ND		0.0037
(cis) 1,3-Dichloropropene	ND		0.00074
Methyl Isobutyl Ketone	ND		0.0037
Toluene	ND		0.0037
(trans) 1,3-Dichloropropene	ND		0.00074

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-02

Client ID: DPT-1@8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00074
Tetrachloroethene	0.0010		0.00074
1,3-Dichloropropane	ND		0.00074
2-Hexanone	ND		0.0037
Dibromochloromethane	ND		0.00074
1,2-Dibromoethane	ND		0.00074
Chlorobenzene	ND		0.00074
1,1,1,2-Tetrachloroethane	ND		0.00074
Ethylbenzene	ND		0.00074
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00074
Styrene	ND		0.00074
Bromoform	ND		0.00074
Isopropylbenzene	ND		0.00074
Bromobenzene	ND		0.00074
1,1,2,2-Tetrachloroethane	ND		0.00074
1,2,3-Trichloropropane	ND		0.00074
n-Propylbenzene	ND		0.00074
2-Chlorotoluene	ND		0.00074
4-Chlorotoluene	ND		0.00074
1,3,5-Trimethylbenzene	ND		0.00074
tert-Butylbenzene	ND		0.00074
1,2,4-Trimethylbenzene	0.0013		0.00074
sec-Butylbenzene	ND		0.00074
1,3-Dichlorobenzene	ND		0.00074
p-Isopropyltoluene	ND		0.00074
1,4-Dichlorobenzene	ND		0.00074
1,2-Dichlorobenzene	ND		0.00074
n-Butylbenzene	ND		0.00074
1,2-Dibromo-3-chloropropane	ND		0.0037
1,2,4-Trichlorobenzene	ND		0.00074
Hexachlorobutadiene	ND		0.0037
Naphthalene	ND		0.00074
1,2,3-Trichlorobenzene	ND		0.00074

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	102	70-118
Toluene-d8	97	70-121
4-Bromofluorobenzene	96	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-04
Client ID: DPT-1@12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.41
Chloromethane	ND		0.41
Vinyl Chloride	ND		0.41
Bromomethane	ND		0.081
Chloroethane	ND		0.41
Trichlorofluoromethane	ND		0.081
1,1-Dichloroethene	ND		0.081
Acetone	ND		0.41
Iodomethane	ND		0.41
Carbon Disulfide	ND		0.081
Methylene Chloride	ND		0.41
(trans) 1,2-Dichloroethene	ND		0.081
Methyl t-Butyl Ether	ND		0.081
1,1-Dichloroethane	ND		0.081
Vinyl Acetate	ND		0.41
2,2-Dichloropropane	ND		0.081
(cis) 1,2-Dichloroethene	ND		0.081
2-Butanone	ND		0.41
Bromochloromethane	ND		0.081
Chloroform	ND		0.081
1,1,1-Trichloroethane	ND		0.081
Carbon Tetrachloride	ND		0.081
1,1-Dichloropropene	ND		0.081
Benzene	ND		0.081
1,2-Dichloroethane	ND		0.081
Trichloroethene	ND		0.081
1,2-Dichloropropane	ND		0.081
Dibromomethane	ND		0.081
Bromodichloromethane	ND		0.081
2-Chloroethyl Vinyl Ether	ND		0.41
(cis) 1,3-Dichloropropene	ND		0.081
Methyl Isobutyl Ketone	ND		0.41
Toluene	ND		0.41
(trans) 1,3-Dichloropropene	ND		0.081

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-04
 Client ID: DPT-1@12

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.081
Tetrachloroethene	ND		0.081
1,3-Dichloropropane	ND		0.081
2-Hexanone	ND		0.41
Dibromochloromethane	ND		0.081
1,2-Dibromoethane	ND		0.081
Chlorobenzene	ND		0.081
1,1,1,2-Tetrachloroethane	ND		0.081
Ethylbenzene	ND		0.081
m,p-Xylene	0.16		0.16
o-Xylene	ND		0.081
Styrene	ND		0.081
Bromoform	ND		0.081
Isopropylbenzene	ND		0.081
Bromobenzene	ND		0.081
1,1,2,2-Tetrachloroethane	ND		0.081
1,2,3-Trichloropropane	ND		0.081
n-Propylbenzene	0.32		0.081
2-Chlorotoluene	ND		0.081
4-Chlorotoluene	ND		0.081
1,3,5-Trimethylbenzene	0.45		0.081
tert-Butylbenzene	ND		0.081
1,2,4-Trimethylbenzene	1.2		0.081
sec-Butylbenzene	0.12		0.081
1,3-Dichlorobenzene	ND		0.081
p-Isopropyltoluene	ND		0.081
1,4-Dichlorobenzene	ND		0.081
1,2-Dichlorobenzene	ND		0.081
n-Butylbenzene	0.50		0.081
1,2-Dibromo-3-chloropropane	ND		0.41
1,2,4-Trichlorobenzene	ND		0.081
Hexachlorobutadiene	ND		0.41
Naphthalene	0.37		0.081
1,2,3-Trichlorobenzene	ND		0.081

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	70-118
Toluene-d8	103	70-121
4-Bromofluorobenzene	89	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-06
Client ID: DPT-2@8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0039
Chloromethane	ND		0.0039
Vinyl Chloride	ND		0.0039
Bromomethane	ND		0.00077
Chloroethane	ND		0.0039
Trichlorofluoromethane	ND		0.00077
1,1-Dichloroethene	ND		0.00077
Acetone	ND		0.0039
Iodomethane	ND		0.0039
Carbon Disulfide	0.0035		0.00077
Methylene Chloride	ND		0.0039
(trans) 1,2-Dichloroethene	ND		0.00077
Methyl t-Butyl Ether	ND		0.00077
1,1-Dichloroethane	ND		0.00077
Vinyl Acetate	ND		0.0039
2,2-Dichloropropane	ND		0.00077
(cis) 1,2-Dichloroethene	ND		0.00077
2-Butanone	ND		0.0039
Bromochloromethane	ND		0.00077
Chloroform	ND		0.00077
1,1,1-Trichloroethane	ND		0.00077
Carbon Tetrachloride	ND		0.00077
1,1-Dichloropropene	ND		0.00077
Benzene	0.037		0.00077
1,2-Dichloroethane	ND		0.00077
Trichloroethene	ND		0.00077
1,2-Dichloropropane	ND		0.00077
Dibromomethane	ND		0.00077
Bromodichloromethane	ND		0.00077
2-Chloroethyl Vinyl Ether	ND		0.0039
(cis) 1,3-Dichloropropene	ND		0.00077
Methyl Isobutyl Ketone	ND		0.0039
Toluene	ND		0.0039
(trans) 1,3-Dichloropropene	ND		0.00077

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-06

Client ID: DPT-2@8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00077
Tetrachloroethene	ND		0.00077
1,3-Dichloropropane	ND		0.00077
2-Hexanone	ND		0.0039
Dibromochloromethane	ND		0.00077
1,2-Dibromoethane	ND		0.00077
Chlorobenzene	ND		0.00077
1,1,1,2-Tetrachloroethane	ND		0.00077
Ethylbenzene	0.050		0.00077
m,p-Xylene	0.034		0.0015
o-Xylene	0.0041		0.00077
Styrene	ND		0.00077
Bromoform	ND		0.00077
Isopropylbenzene	0.0053		0.00077
Bromobenzene	ND		0.00077
1,1,2,2-Tetrachloroethane	ND		0.00077
1,2,3-Trichloropropane	ND		0.00077
n-Propylbenzene	0.019		0.00077
2-Chlorotoluene	ND		0.00077
4-Chlorotoluene	ND		0.00077
1,3,5-Trimethylbenzene	0.013		0.00077
tert-Butylbenzene	ND		0.00077
1,2,4-Trimethylbenzene	0.054		0.00077
sec-Butylbenzene	0.0028		0.00077
1,3-Dichlorobenzene	ND		0.00077
p-Isopropyltoluene	0.0031		0.00077
1,4-Dichlorobenzene	ND		0.00077
1,2-Dichlorobenzene	ND		0.00077
n-Butylbenzene	ND		0.00077
1,2-Dibromo-3-chloropropane	ND		0.0039
1,2,4-Trichlorobenzene	ND		0.00077
Hexachlorobutadiene	ND		0.0039
Naphthalene	ND		0.00077
1,2,3-Trichlorobenzene	ND		0.00077

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	70-118
Toluene-d8	99	70-121
4-Bromofluorobenzene	92	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-08
Client ID: DPT-2@13.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.6
Chloromethane	ND		5.6
Vinyl Chloride	ND		5.6
Bromomethane	ND		1.1
Chloroethane	ND		5.6
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.6
Iodomethane	ND		5.6
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.6
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND		1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.6
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.6
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	3.9		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.6
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.6
Toluene	47		5.6
(trans) 1,3-Dichloropropene	ND		1.1

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-08
 Client ID: DPT-2@13.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.1
Tetrachloroethene	ND		1.1
1,3-Dichloropropane	ND		1.1
2-Hexanone	ND		5.6
Dibromochloromethane	ND		1.1
1,2-Dibromoethane	ND		1.1
Chlorobenzene	ND		1.1
1,1,1,2-Tetrachloroethane	ND		1.1
Ethylbenzene	130		1.1
m,p-Xylene	410		2.2
o-Xylene	180		1.1
Styrene	ND		1.1
Bromoform	ND		1.1
Isopropylbenzene	20		1.1
Bromobenzene	ND		1.1
1,1,2,2-Tetrachloroethane	ND		1.1
1,2,3-Trichloropropane	ND		1.1
n-Propylbenzene	77		1.1
2-Chlorotoluene	ND		1.1
4-Chlorotoluene	ND		1.1
1,3,5-Trimethylbenzene	130		1.1
tert-Butylbenzene	ND		1.1
1,2,4-Trimethylbenzene	410	E	1.1
sec-Butylbenzene	7.2		1.1
1,3-Dichlorobenzene	ND		1.1
p-Isopropyltoluene	6.2		1.1
1,4-Dichlorobenzene	ND		1.1
1,2-Dichlorobenzene	ND		1.1
n-Butylbenzene	22		1.1
1,2-Dibromo-3-chloropropane	ND		5.6
1,2,4-Trichlorobenzene	ND		1.1
Hexachlorobutadiene	ND		5.6
Naphthalene	150		1.1
1,2,3-Trichlorobenzene	ND		1.1

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	102	70-118
Toluene-d8	99	70-121
4-Bromofluorobenzene	87	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 04-228-11
 Client ID: DPT-3@9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.5
Chloromethane	ND		5.5
Vinyl Chloride	ND		5.5
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND		1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	ND		5.5
(trans) 1,3-Dichloropropene	ND		1.1

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-11

Client ID: DPT-3@9

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.1
Tetrachloroethene	ND		1.1
1,3-Dichloropropane	ND		1.1
2-Hexanone	ND		5.5
Dibromochloromethane	ND		1.1
1,2-Dibromoethane	ND		1.1
Chlorobenzene	ND		1.1
1,1,1,2-Tetrachloroethane	ND		1.1
Ethylbenzene	26		1.1
m,p-Xylene	96		2.2
o-Xylene	23		1.1
Styrene	ND		1.1
Bromoform	ND		1.1
Isopropylbenzene	4.2		1.1
Bromobenzene	ND		1.1
1,1,2,2-Tetrachloroethane	ND		1.1
1,2,3-Trichloropropane	ND		1.1
n-Propylbenzene	17		1.1
2-Chlorotoluene	ND		1.1
4-Chlorotoluene	ND		1.1
1,3,5-Trimethylbenzene	29		1.1
tert-Butylbenzene	ND		1.1
1,2,4-Trimethylbenzene	110		1.1
sec-Butylbenzene	2.0		1.1
1,3-Dichlorobenzene	ND		1.1
p-Isopropyltoluene	1.7		1.1
1,4-Dichlorobenzene	ND		1.1
1,2-Dichlorobenzene	ND		1.1
n-Butylbenzene	7.1		1.1
1,2-Dibromo-3-chloropropane	ND		5.5
1,2,4-Trichlorobenzene	ND		1.1
Hexachlorobutadiene	ND		5.5
Naphthalene	24		1.1
1,2,3-Trichlorobenzene	ND		1.1

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	70-118
Toluene-d8	100	70-121
4-Bromofluorobenzene	88	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-12
Client ID: DPT-3@13

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.5
Chloromethane	ND		5.5
Vinyl Chloride	ND		5.5
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND		1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	ND		5.5
(trans) 1,3-Dichloropropene	ND		1.1

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-12
 Client ID: DPT-3@13

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.1
Tetrachloroethene	ND		1.1
1,3-Dichloropropane	ND		1.1
2-Hexanone	ND		5.5
Dibromochloromethane	ND		1.1
1,2-Dibromoethane	ND		1.1
Chlorobenzene	ND		1.1
1,1,1,2-Tetrachloroethane	ND		1.1
Ethylbenzene	9.4		1.1
m,p-Xylene	34		2.2
o-Xylene	14		1.1
Styrene	ND		1.1
Bromoform	ND		1.1
Isopropylbenzene	1.3		1.1
Bromobenzene	ND		1.1
1,1,2,2-Tetrachloroethane	ND		1.1
1,2,3-Trichloropropane	ND		1.1
n-Propylbenzene	3.1		1.1
2-Chlorotoluene	ND		1.1
4-Chlorotoluene	ND		1.1
1,3,5-Trimethylbenzene	5.6		1.1
tert-Butylbenzene	ND		1.1
1,2,4-Trimethylbenzene	19		1.1
sec-Butylbenzene	ND		1.1
1,3-Dichlorobenzene	ND		1.1
p-Isopropyltoluene	ND		1.1
1,4-Dichlorobenzene	ND		1.1
1,2-Dichlorobenzene	ND		1.1
n-Butylbenzene	ND		1.1
1,2-Dibromo-3-chloropropane	ND		5.5
1,2,4-Trichlorobenzene	ND		1.1
Hexachlorobutadiene	ND		5.5
Naphthalene	6.9		1.1
1,2,3-Trichlorobenzene	ND		1.1

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	70-118
Toluene-d8	101	70-121
4-Bromofluorobenzene	89	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-14
Client ID: DPT-4@8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0038
Chloromethane	ND		0.0038
Vinyl Chloride	ND		0.0038
Bromomethane	ND		0.00076
Chloroethane	ND		0.0038
Trichlorofluoromethane	ND		0.00076
1,1-Dichloroethene	ND		0.00076
Acetone	0.061		0.0038
Iodomethane	ND		0.0038
Carbon Disulfide	ND		0.00076
Methylene Chloride	ND		0.0038
(trans) 1,2-Dichloroethene	ND		0.00076
Methyl t-Butyl Ether	ND		0.00076
1,1-Dichloroethane	ND		0.00076
Vinyl Acetate	ND		0.0038
2,2-Dichloropropane	ND		0.00076
(cis) 1,2-Dichloroethene	ND		0.00076
2-Butanone	0.0054		0.0038
Bromochloromethane	ND		0.00076
Chloroform	ND		0.00076
1,1,1-Trichloroethane	ND		0.00076
Carbon Tetrachloride	ND		0.00076
1,1-Dichloropropene	ND		0.00076
Benzene	ND		0.00076
1,2-Dichloroethane	ND		0.00076
Trichloroethene	ND		0.00076
1,2-Dichloropropane	ND		0.00076
Dibromomethane	ND		0.00076
Bromodichloromethane	ND		0.00076
2-Chloroethyl Vinyl Ether	ND		0.0038
(cis) 1,3-Dichloropropene	ND		0.00076
Methyl Isobutyl Ketone	ND		0.0038
Toluene	ND		0.0038
(trans) 1,3-Dichloropropene	ND		0.00076

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-14

Client ID: DPT-4@8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00076
Tetrachloroethene	0.0011		0.00076
1,3-Dichloropropane	ND		0.00076
2-Hexanone	ND		0.0038
Dibromochloromethane	ND		0.00076
1,2-Dibromoethane	ND		0.00076
Chlorobenzene	ND		0.00076
1,1,1,2-Tetrachloroethane	ND		0.00076
Ethylbenzene	ND		0.00076
m,p-Xylene	0.0019		0.0015
o-Xylene	ND		0.00076
Styrene	ND		0.00076
Bromoform	ND		0.00076
Isopropylbenzene	ND		0.00076
Bromobenzene	ND		0.00076
1,1,2,2-Tetrachloroethane	ND		0.00076
1,2,3-Trichloropropane	ND		0.00076
n-Propylbenzene	ND		0.00076
2-Chlorotoluene	ND		0.00076
4-Chlorotoluene	ND		0.00076
1,3,5-Trimethylbenzene	ND		0.00076
tert-Butylbenzene	ND		0.00076
1,2,4-Trimethylbenzene	0.0020		0.00076
sec-Butylbenzene	ND		0.00076
1,3-Dichlorobenzene	ND		0.00076
p-Isopropyltoluene	ND		0.00076
1,4-Dichlorobenzene	ND		0.00076
1,2-Dichlorobenzene	ND		0.00076
n-Butylbenzene	ND		0.00076
1,2-Dibromo-3-chloropropane	ND		0.0038
1,2,4-Trichlorobenzene	ND		0.00076
Hexachlorobutadiene	ND		0.0038
Naphthalene	0.0011		0.00076
1,2,3-Trichlorobenzene	ND		0.00076

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	70-118
Toluene-d8	102	70-121
4-Bromofluorobenzene	90	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-15
Client ID: DPT-4@13

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.21
Chloromethane	ND		0.21
Vinyl Chloride	ND		0.21
Bromomethane	ND		0.042
Chloroethane	ND		0.21
Trichlorofluoromethane	ND		0.042
1,1-Dichloroethene	ND		0.042
Acetone	ND		0.21
Iodomethane	ND		0.21
Carbon Disulfide	ND		0.042
Methylene Chloride	ND		0.21
(trans) 1,2-Dichloroethene	ND		0.042
Methyl t-Butyl Ether	ND		0.042
1,1-Dichloroethane	ND		0.042
Vinyl Acetate	ND		0.21
2,2-Dichloropropane	ND		0.042
(cis) 1,2-Dichloroethene	ND		0.042
2-Butanone	ND		0.21
Bromochloromethane	ND		0.042
Chloroform	ND		0.042
1,1,1-Trichloroethane	ND		0.042
Carbon Tetrachloride	ND		0.042
1,1-Dichloropropene	ND		0.042
Benzene	0.081		0.042
1,2-Dichloroethane	ND		0.042
Trichloroethene	ND		0.042
1,2-Dichloropropane	ND		0.042
Dibromomethane	ND		0.042
Bromodichloromethane	ND		0.042
2-Chloroethyl Vinyl Ether	ND		0.21
(cis) 1,3-Dichloropropene	ND		0.042
Methyl Isobutyl Ketone	ND		0.21
Toluene	0.29		0.21
(trans) 1,3-Dichloropropene	ND		0.042

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-15
 Client ID: DPT-4@13

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.042
Tetrachloroethene	ND		0.042
1,3-Dichloropropane	ND		0.042
2-Hexanone	ND		0.21
Dibromochloromethane	ND		0.042
1,2-Dibromoethane	ND		0.042
Chlorobenzene	ND		0.042
1,1,1,2-Tetrachloroethane	ND		0.042
Ethylbenzene	0.14		0.042
m,p-Xylene	0.53		0.085
o-Xylene	0.28		0.042
Styrene	ND		0.042
Bromoform	ND		0.042
Isopropylbenzene	ND		0.042
Bromobenzene	ND		0.042
1,1,2,2-Tetrachloroethane	ND		0.042
1,2,3-Trichloropropane	ND		0.042
n-Propylbenzene	ND		0.042
2-Chlorotoluene	ND		0.042
4-Chlorotoluene	ND		0.042
1,3,5-Trimethylbenzene	0.064		0.042
tert-Butylbenzene	ND		0.042
1,2,4-Trimethylbenzene	0.30		0.042
sec-Butylbenzene	ND		0.042
1,3-Dichlorobenzene	ND		0.042
p-Isopropyltoluene	ND		0.042
1,4-Dichlorobenzene	ND		0.042
1,2-Dichlorobenzene	ND		0.042
n-Butylbenzene	ND		0.042
1,2-Dibromo-3-chloropropane	ND		0.21
1,2,4-Trichlorobenzene	ND		0.042
Hexachlorobutadiene	ND		0.21
Naphthalene	0.43		0.042
1,2,3-Trichlorobenzene	ND		0.042

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	70-118
Toluene-d8	106	70-121
4-Bromofluorobenzene	90	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-19
Client ID: DPT-7@8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	0.071		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	0.016		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	0.027		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	0.13		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-19

Client ID: DPT-7@8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	0.0015		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	0.025		0.0010
m,p-Xylene	0.070		0.0020
o-Xylene	0.031		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	0.0013		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	0.0034		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	0.0040		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	0.013		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	0.0037		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	70-118
Toluene-d8	102	70-121
4-Bromofluorobenzene	84	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-31
Client ID: DPT-19@5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0060
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0060
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-31
 Client ID: DPT-19@5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	0.0020		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	70-118
Toluene-d8	93	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-33
Client ID: DPT-19@14

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0034
Chloromethane	ND		0.0034
Vinyl Chloride	ND		0.0034
Bromomethane	ND		0.00069
Chloroethane	ND		0.0034
Trichlorofluoromethane	ND		0.00069
1,1-Dichloroethene	ND		0.00069
Acetone	0.026		0.0034
Iodomethane	ND		0.0034
Carbon Disulfide	ND		0.00069
Methylene Chloride	ND		0.0034
(trans) 1,2-Dichloroethene	ND		0.00069
Methyl t-Butyl Ether	ND		0.00069
1,1-Dichloroethane	ND		0.00069
Vinyl Acetate	ND		0.0034
2,2-Dichloropropane	ND		0.00069
(cis) 1,2-Dichloroethene	ND		0.00069
2-Butanone	ND		0.0034
Bromochloromethane	ND		0.00069
Chloroform	ND		0.00069
1,1,1-Trichloroethane	ND		0.00069
Carbon Tetrachloride	ND		0.00069
1,1-Dichloropropene	ND		0.00069
Benzene	ND		0.00069
1,2-Dichloroethane	ND		0.00069
Trichloroethene	ND		0.00069
1,2-Dichloropropane	ND		0.00069
Dibromomethane	ND		0.00069
Bromodichloromethane	ND		0.00069
2-Chloroethyl Vinyl Ether	ND		0.0034
(cis) 1,3-Dichloropropene	ND		0.00069
Methyl Isobutyl Ketone	ND		0.0034
Toluene	ND		0.0034
(trans) 1,3-Dichloropropene	ND		0.00069

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-33
 Client ID: DPT-19@14

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00069
Tetrachloroethene	ND		0.00069
1,3-Dichloropropane	ND		0.00069
2-Hexanone	ND		0.0034
Dibromochloromethane	ND		0.00069
1,2-Dibromoethane	ND		0.00069
Chlorobenzene	ND		0.00069
1,1,1,2-Tetrachloroethane	ND		0.00069
Ethylbenzene	ND		0.00069
m,p-Xylene	ND		0.0014
o-Xylene	ND		0.00069
Styrene	ND		0.00069
Bromoform	ND		0.00069
Isopropylbenzene	ND		0.00069
Bromobenzene	ND		0.00069
1,1,2,2-Tetrachloroethane	ND		0.00069
1,2,3-Trichloropropane	ND		0.00069
n-Propylbenzene	ND		0.00069
2-Chlorotoluene	ND		0.00069
4-Chlorotoluene	ND		0.00069
1,3,5-Trimethylbenzene	ND		0.00069
tert-Butylbenzene	ND		0.00069
1,2,4-Trimethylbenzene	0.00093		0.00069
sec-Butylbenzene	ND		0.00069
1,3-Dichlorobenzene	ND		0.00069
p-Isopropyltoluene	ND		0.00069
1,4-Dichlorobenzene	ND		0.00069
1,2-Dichlorobenzene	ND		0.00069
n-Butylbenzene	ND		0.00069
1,2-Dibromo-3-chloropropane	ND		0.0034
1,2,4-Trichlorobenzene	ND		0.00069
Hexachlorobutadiene	ND		0.0034
Naphthalene	ND		0.00069
1,2,3-Trichlorobenzene	ND		0.00069

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	70-118
Toluene-d8	97	70-121
4-Bromofluorobenzene	96	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-37
Client ID: DPT-21@9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0041
Chloromethane	ND		0.0041
Vinyl Chloride	ND		0.0041
Bromomethane	ND		0.00081
Chloroethane	ND		0.0041
Trichlorofluoromethane	ND		0.00081
1,1-Dichloroethene	ND		0.00081
Acetone	0.0084		0.0041
Iodomethane	ND		0.0041
Carbon Disulfide	ND		0.00081
Methylene Chloride	ND		0.0041
(trans) 1,2-Dichloroethene	ND		0.00081
Methyl t-Butyl Ether	ND		0.00081
1,1-Dichloroethane	ND		0.00081
Vinyl Acetate	ND		0.0041
2,2-Dichloropropane	ND		0.00081
(cis) 1,2-Dichloroethene	ND		0.00081
2-Butanone	ND		0.0041
Bromochloromethane	ND		0.00081
Chloroform	ND		0.00081
1,1,1-Trichloroethane	ND		0.00081
Carbon Tetrachloride	ND		0.00081
1,1-Dichloropropene	ND		0.00081
Benzene	ND		0.00081
1,2-Dichloroethane	ND		0.00081
Trichloroethene	ND		0.00081
1,2-Dichloropropane	ND		0.00081
Dibromomethane	ND		0.00081
Bromodichloromethane	ND		0.00081
2-Chloroethyl Vinyl Ether	ND		0.0041
(cis) 1,3-Dichloropropene	ND		0.00081
Methyl Isobutyl Ketone	ND		0.0041
Toluene	ND		0.0041
(trans) 1,3-Dichloropropene	ND		0.00081

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-37
 Client ID: DPT-21@9

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00081
Tetrachloroethene	ND		0.00081
1,3-Dichloropropane	ND		0.00081
2-Hexanone	ND		0.0041
Dibromochloromethane	ND		0.00081
1,2-Dibromoethane	ND		0.00081
Chlorobenzene	ND		0.00081
1,1,1,2-Tetrachloroethane	ND		0.00081
Ethylbenzene	ND		0.00081
m,p-Xylene	ND		0.0016
o-Xylene	ND		0.00081
Styrene	ND		0.00081
Bromoform	ND		0.00081
Isopropylbenzene	ND		0.00081
Bromobenzene	ND		0.00081
1,1,2,2-Tetrachloroethane	ND		0.00081
1,2,3-Trichloropropane	ND		0.00081
n-Propylbenzene	ND		0.00081
2-Chlorotoluene	ND		0.00081
4-Chlorotoluene	ND		0.00081
1,3,5-Trimethylbenzene	ND		0.00081
tert-Butylbenzene	ND		0.00081
1,2,4-Trimethylbenzene	ND		0.00081
sec-Butylbenzene	ND		0.00081
1,3-Dichlorobenzene	ND		0.00081
p-Isopropyltoluene	ND		0.00081
1,4-Dichlorobenzene	ND		0.00081
1,2-Dichlorobenzene	ND		0.00081
n-Butylbenzene	ND		0.00081
1,2-Dibromo-3-chloropropane	ND		0.0041
1,2,4-Trichlorobenzene	ND		0.00081
Hexachlorobutadiene	ND		0.0041
Naphthalene	ND		0.00081
1,2,3-Trichlorobenzene	ND		0.00081

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	108	70-118
Toluene-d8	100	70-121
4-Bromofluorobenzene	103	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-38
Client ID: DPT-21@14

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0038
Chloromethane	ND		0.0038
Vinyl Chloride	ND		0.0038
Bromomethane	ND		0.00076
Chloroethane	ND		0.0038
Trichlorofluoromethane	ND		0.00076
1,1-Dichloroethene	ND		0.00076
Acetone	0.0057		0.0038
Iodomethane	ND		0.0038
Carbon Disulfide	ND		0.00076
Methylene Chloride	ND		0.0038
(trans) 1,2-Dichloroethene	ND		0.00076
Methyl t-Butyl Ether	ND		0.00076
1,1-Dichloroethane	ND		0.00076
Vinyl Acetate	ND		0.0038
2,2-Dichloropropane	ND		0.00076
(cis) 1,2-Dichloroethene	ND		0.00076
2-Butanone	ND		0.0038
Bromochloromethane	ND		0.00076
Chloroform	ND		0.00076
1,1,1-Trichloroethane	ND		0.00076
Carbon Tetrachloride	ND		0.00076
1,1-Dichloropropene	ND		0.00076
Benzene	ND		0.00076
1,2-Dichloroethane	ND		0.00076
Trichloroethene	ND		0.00076
1,2-Dichloropropane	ND		0.00076
Dibromomethane	ND		0.00076
Bromodichloromethane	ND		0.00076
2-Chloroethyl Vinyl Ether	ND		0.0038
(cis) 1,3-Dichloropropene	ND		0.00076
Methyl Isobutyl Ketone	ND		0.0038
Toluene	ND		0.0038
(trans) 1,3-Dichloropropene	ND		0.00076

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-38
 Client ID: DPT-21@14

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00076
Tetrachloroethene	ND		0.00076
1,3-Dichloropropane	ND		0.00076
2-Hexanone	ND		0.0038
Dibromochloromethane	ND		0.00076
1,2-Dibromoethane	ND		0.00076
Chlorobenzene	ND		0.00076
1,1,1,2-Tetrachloroethane	ND		0.00076
Ethylbenzene	ND		0.00076
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00076
Styrene	ND		0.00076
Bromoform	ND		0.00076
Isopropylbenzene	ND		0.00076
Bromobenzene	ND		0.00076
1,1,2,2-Tetrachloroethane	ND		0.00076
1,2,3-Trichloropropane	ND		0.00076
n-Propylbenzene	ND		0.00076
2-Chlorotoluene	ND		0.00076
4-Chlorotoluene	ND		0.00076
1,3,5-Trimethylbenzene	ND		0.00076
tert-Butylbenzene	ND		0.00076
1,2,4-Trimethylbenzene	ND		0.00076
sec-Butylbenzene	ND		0.00076
1,3-Dichlorobenzene	ND		0.00076
p-Isopropyltoluene	ND		0.00076
1,4-Dichlorobenzene	ND		0.00076
1,2-Dichlorobenzene	ND		0.00076
n-Butylbenzene	ND		0.00076
1,2-Dibromo-3-chloropropane	ND		0.0038
1,2,4-Trichlorobenzene	ND		0.00076
Hexachlorobutadiene	ND		0.0038
Naphthalene	ND		0.00076
1,2,3-Trichlorobenzene	ND		0.00076

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	103	70-118
Toluene-d8	98	70-121
4-Bromofluorobenzene	97	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0430S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0430S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	70-118
Toluene-d8	105	70-121
4-Bromofluorobenzene	101	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0501S2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0501S2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	70-118
Toluene-d8	102	70-121
4-Bromofluorobenzene	89	70-130

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0430S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0357	71	0.0359	72	70-130	
Benzene	0.0500	0.0535	107	0.0538	108	70-127	
Trichloroethene	0.0500	0.0438	88	0.0476	95	73-117	
Toluene	0.0500	0.0537	107	0.0575	115	78-115	
Chlorobenzene	0.0500	0.0481	96	0.0530	106	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	10	
Benzene	1	11	
Trichloroethene	8	13	
Toluene	7	12	
Chlorobenzene	10	10	

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0501S2

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0473	95	0.0478	96	70-130	
Benzene	0.0500	0.0563	113	0.0555	111	70-127	
Trichloroethene	0.0500	0.0486	97	0.0467	93	73-117	
Toluene	0.0500	0.0573	115	0.0569	114	78-115	
Chlorobenzene	0.0500	0.0509	102	0.0485	97	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	10	
Benzene	1	11	
Trichloroethene	4	13	
Toluene	1	12	
Chlorobenzene	5	10	

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-39

Client ID: DPT-1 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		5.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		25
Iodomethane	ND		5.0
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.0
(trans) 1,2-Dichloroethene	ND		1.0
Methyl t-Butyl Ether	ND		1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		5.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		25
Bromochloromethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.0
(cis) 1,3-Dichloropropene	ND		1.0
Methyl Isobutyl Ketone	ND		10
Toluene	ND		5.0
(trans) 1,3-Dichloropropene	ND		1.0

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-39
 Client ID: DPT-1 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	36		1.0
1,3-Dichloropropane	ND		1.0
2-Hexanone	ND		10
Dibromochloromethane	ND		1.0
1,2-Dibromoethane	ND		1.0
Chlorobenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
Ethylbenzene	23		1.0
m,p-Xylene	94		2.0
o-Xylene	25		1.0
Styrene	ND		1.0
Bromoform	ND		5.0
Isopropylbenzene	9.7		1.0
Bromobenzene	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,2,3-Trichloropropane	ND		1.0
n-Propylbenzene	30		1.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	47		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	170		1.0
sec-Butylbenzene	4.2		1.0
1,3-Dichlorobenzene	ND		1.0
p-Isopropyltoluene	3.0		1.0
1,4-Dichlorobenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dibromo-3-chloropropane	ND		5.0
1,2,4-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	23		5.0
1,2,3-Trichlorobenzene	ND		1.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	71-126
Toluene-d8	95	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-40

Client ID: DPT-2 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		20
Chloromethane	ND		100
Vinyl Chloride	ND		20
Bromomethane	ND		20
Chloroethane	ND		100
Trichlorofluoromethane	ND		20
1,1-Dichloroethene	ND		20
Acetone	ND		500
Iodomethane	ND		100
Carbon Disulfide	ND		20
Methylene Chloride	ND		100
(trans) 1,2-Dichloroethene	ND		20
Methyl t-Butyl Ether	ND		20
1,1-Dichloroethane	ND		20
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		20
(cis) 1,2-Dichloroethene	ND		20
2-Butanone	ND		500
Bromochloromethane	ND		20
Chloroform	ND		20
1,1,1-Trichloroethane	ND		20
Carbon Tetrachloride	ND		20
1,1-Dichloropropene	ND		20
Benzene	370		20
1,2-Dichloroethane	ND		20
Trichloroethene	ND		20
1,2-Dichloropropane	ND		20
Dibromomethane	ND		20
Bromodichloromethane	ND		20
2-Chloroethyl Vinyl Ether	ND		100
(cis) 1,3-Dichloropropene	ND		20
Methyl Isobutyl Ketone	ND		200
Toluene	4400		100
(trans) 1,3-Dichloropropene	ND		20

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-40
 Client ID: DPT-2 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		20
Tetrachloroethene	62		20
1,3-Dichloropropane	ND		20
2-Hexanone	ND		200
Dibromochloromethane	ND		20
1,2-Dibromoethane	ND		20
Chlorobenzene	ND		20
1,1,1,2-Tetrachloroethane	ND		20
Ethylbenzene	1700		20
m,p-Xylene	6000		40
o-Xylene	2700		20
Styrene	ND		20
Bromoform	ND		100
Isopropylbenzene	93		20
Bromobenzene	ND		20
1,1,2,2-Tetrachloroethane	ND		20
1,2,3-Trichloropropane	ND		20
n-Propylbenzene	180		20
2-Chlorotoluene	ND		20
4-Chlorotoluene	ND		20
1,3,5-Trimethylbenzene	430		20
tert-Butylbenzene	ND		20
1,2,4-Trimethylbenzene	2000		20
sec-Butylbenzene	ND		20
1,3-Dichlorobenzene	ND		20
p-Isopropyltoluene	22		20
1,4-Dichlorobenzene	ND		20
1,2-Dichlorobenzene	ND		20
n-Butylbenzene	ND		20
1,2-Dibromo-3-chloropropane	ND		100
1,2,4-Trichlorobenzene	ND		20
Hexachlorobutadiene	ND		20
Naphthalene	1100		100
1,2,3-Trichlorobenzene	ND		20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	86	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-41

Client ID: DPT-3 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		5.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		25
Iodomethane	ND		5.0
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.0
(trans) 1,2-Dichloroethene	ND		1.0
Methyl t-Butyl Ether	ND		1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		5.0
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		25
Bromochloromethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	62		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.0
(cis) 1,3-Dichloropropene	ND		1.0
Methyl Isobutyl Ketone	ND		10
Toluene	81		5.0
(trans) 1,3-Dichloropropene	ND		1.0

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-41
 Client ID: DPT-3 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	6.1		1.0
1,3-Dichloropropane	ND		1.0
2-Hexanone	ND		10
Dibromochloromethane	ND		1.0
1,2-Dibromoethane	ND		1.0
Chlorobenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
Ethylbenzene	36		1.0
m,p-Xylene	100		2.0
o-Xylene	35		1.0
Styrene	ND		1.0
Bromoform	ND		5.0
Isopropylbenzene	2.9		1.0
Bromobenzene	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,2,3-Trichloropropane	ND		1.0
n-Propylbenzene	5.5		1.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	11		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	42		1.0
sec-Butylbenzene	1.3		1.0
1,3-Dichlorobenzene	ND		1.0
p-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dibromo-3-chloropropane	ND		5.0
1,2,4-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	26		5.0
1,2,3-Trichlorobenzene	ND		1.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-42

Client ID: DPT-4 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	0.84		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	2.6		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-42
 Client ID: DPT-4 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	7.6		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	2.6		0.20
m,p-Xylene	10		0.40
o-Xylene	3.9		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	0.54		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	1.1		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	2.3		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	8.3		0.20
sec-Butylbenzene	0.33		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	0.27		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	3.7		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	83	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-43

Client ID: DPT-5 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		50
Chloromethane	ND		250
Vinyl Chloride	ND		50
Bromomethane	ND		50
Chloroethane	ND		250
Trichlorofluoromethane	ND		50
1,1-Dichloroethene	ND		50
Acetone	ND		1300
Iodomethane	ND		250
Carbon Disulfide	ND		50
Methylene Chloride	ND		250
(trans) 1,2-Dichloroethene	ND		50
Methyl t-Butyl Ether	ND		50
1,1-Dichloroethane	ND		50
Vinyl Acetate	ND		250
2,2-Dichloropropane	ND		50
(cis) 1,2-Dichloroethene	ND		50
2-Butanone	ND		1300
Bromochloromethane	ND		50
Chloroform	ND		50
1,1,1-Trichloroethane	ND		50
Carbon Tetrachloride	ND		50
1,1-Dichloropropene	ND		50
Benzene	870		50
1,2-Dichloroethane	ND		50
Trichloroethene	ND		50
1,2-Dichloropropane	ND		50
Dibromomethane	ND		50
Bromodichloromethane	ND		50
2-Chloroethyl Vinyl Ether	ND		250
(cis) 1,3-Dichloropropene	ND		50
Methyl Isobutyl Ketone	ND		500
Toluene	9000		250
(trans) 1,3-Dichloropropene	ND		50

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-43
 Client ID: DPT-5 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		50
Tetrachloroethene	ND		50
1,3-Dichloropropane	ND		50
2-Hexanone	ND		500
Dibromochloromethane	ND		50
1,2-Dibromoethane	ND		50
Chlorobenzene	ND		50
1,1,1,2-Tetrachloroethane	ND		50
Ethylbenzene	2300		50
m,p-Xylene	7300		100
o-Xylene	3500		50
Styrene	ND		50
Bromoform	ND		250
Isopropylbenzene	130		50
Bromobenzene	ND		50
1,1,2,2-Tetrachloroethane	ND		50
1,2,3-Trichloropropane	ND		50
n-Propylbenzene	200		50
2-Chlorotoluene	ND		50
4-Chlorotoluene	ND		50
1,3,5-Trimethylbenzene	380		50
tert-Butylbenzene	ND		50
1,2,4-Trimethylbenzene	1700		50
sec-Butylbenzene	ND		50
1,3-Dichlorobenzene	ND		50
p-Isopropyltoluene	ND		50
1,4-Dichlorobenzene	ND		50
1,2-Dichlorobenzene	ND		50
n-Butylbenzene	ND		50
1,2-Dibromo-3-chloropropane	ND		250
1,2,4-Trichlorobenzene	ND		50
Hexachlorobutadiene	ND		50
Naphthalene	980		250
1,2,3-Trichlorobenzene	ND		50

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 04-228-44
 Client ID: DPT-19 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		50
Chloromethane	ND		250
Vinyl Chloride	ND		50
Bromomethane	ND		50
Chloroethane	ND		250
Trichlorofluoromethane	ND		50
1,1-Dichloroethene	ND		50
Acetone	ND		1300
Iodomethane	ND		250
Carbon Disulfide	ND		50
Methylene Chloride	ND		250
(trans) 1,2-Dichloroethene	ND		50
Methyl t-Butyl Ether	ND		50
1,1-Dichloroethane	ND		50
Vinyl Acetate	ND		250
2,2-Dichloropropane	ND		50
(cis) 1,2-Dichloroethene	ND		50
2-Butanone	ND		1300
Bromochloromethane	ND		50
Chloroform	ND		50
1,1,1-Trichloroethane	ND		50
Carbon Tetrachloride	ND		50
1,1-Dichloropropene	ND		50
Benzene	1900		50
1,2-Dichloroethane	ND		50
Trichloroethene	ND		50
1,2-Dichloropropane	ND		50
Dibromomethane	ND		50
Bromodichloromethane	ND		50
2-Chloroethyl Vinyl Ether	ND		250
(cis) 1,3-Dichloropropene	ND		50
Methyl Isobutyl Ketone	ND		500
Toluene	8800		250
(trans) 1,3-Dichloropropene	ND		50

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-44
 Client ID: DPT-19 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		50
Tetrachloroethene	ND		50
1,3-Dichloropropane	ND		50
2-Hexanone	ND		500
Dibromochloromethane	ND		50
1,2-Dibromoethane	ND		50
Chlorobenzene	ND		50
1,1,1,2-Tetrachloroethane	ND		50
Ethylbenzene	2300		50
m,p-Xylene	7700		100
o-Xylene	3500		50
Styrene	ND		50
Bromoform	ND		250
Isopropylbenzene	140		50
Bromobenzene	ND		50
1,1,2,2-Tetrachloroethane	ND		50
1,2,3-Trichloropropane	ND		50
n-Propylbenzene	240		50
2-Chlorotoluene	ND		50
4-Chlorotoluene	ND		50
1,3,5-Trimethylbenzene	480		50
tert-Butylbenzene	ND		50
1,2,4-Trimethylbenzene	2000		50
sec-Butylbenzene	ND		50
1,3-Dichlorobenzene	ND		50
p-Isopropyltoluene	ND		50
1,4-Dichlorobenzene	ND		50
1,2-Dichlorobenzene	ND		50
n-Butylbenzene	ND		50
1,2-Dibromo-3-chloropropane	ND		250
1,2,4-Trichlorobenzene	ND		50
Hexachlorobutadiene	ND		50
Naphthalene	860		250
1,2,3-Trichlorobenzene	ND		50

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	85	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-45

Client ID: DPT-20 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	1.2		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-45
 Client ID: DPT-20 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.57		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	1.3		0.20
m,p-Xylene	0.59		0.40
o-Xylene	0.25		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	2.3		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	2.2		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	0.25		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	0.36		0.20
sec-Butylbenzene	0.81		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	0.44		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	1.7		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	84	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-46

Client ID: DPT-21 H2O

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-46
 Client ID: DPT-21 H2O

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	90	76-116
4-Bromofluorobenzene	77	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0501W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		1.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0501W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	73	70-123

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-1-08

Date Analyzed: 5-1-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB0501W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	7.59	76	7.34	73	70-130	
Benzene	10.0	9.49	95	9.13	91	70-130	
Trichloroethene	10.0	8.40	84	7.88	79	70-116	
Toluene	10.0	8.90	89	8.57	86	76-119	
Chlorobenzene	10.0	9.73	97	8.98	90	77-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	20	
Benzene	4	16	
Trichloroethene	6	16	
Toluene	4	15	
Chlorobenzene	8	15	

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08
 Matrix: Soil
 Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-1@8	04-228-02	7.5	7.0
DPT-1@12	04-228-04	9.6	8.5
DPT-2@8	04-228-06	13	7.2
DPT-2@13.5	04-228-08	ND	6.9
DPT-3@9	04-228-11	ND	6.9
DPT-3@13	04-228-12	ND	6.7
DPT-4@8	04-228-14	ND	7.4
DPT-4@13	04-228-15	ND	6.0
DPT-7@8	04-228-19	ND	7.2
DPT-19@5	04-228-31	9.0	8.3
DPT-19@14	04-228-33	ND	6.5
DPT-21@9	04-228-37	8.2	7.6
DPT-21@14	04-228-38	ND	7.1

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0429S1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-203-25

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	ND	ND	NA		5.0

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-203-25

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	221	88	220	88	1	

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

TOTAL LEAD
EPA 200.8

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Water
Units: ug/L (ppb)

Client ID	Lab ID	Result	PQL
DPT-1 H2O	04-228-39	3.5	1.1
DPT-2 H2O	04-228-40	11	1.1
DPT-3 H2O	04-228-41	ND	1.1
DPT-4 H2O	04-228-42	ND	1.1
DPT-5 H2O	04-228-43	25	1.1
DPT-19 H2O	04-228-44	57	1.1
DPT-20 H2O	04-228-45	ND	1.1
DPT-21 H2O	04-228-46	3.1	1.1

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0502W1

Analyte	Method	Result	PQL
Lead	200.8	ND	1.1

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 200.8
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-39

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	3.52	3.50	1	1.1	

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

**TOTAL LEAD
EPA 200.8
MS/MSD QUALITY CONTROL**

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-39

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	110	113	99	118	104	5	

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-39

Client ID: **DPT-1 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	38	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08
Date Analyzed: 5-2&5-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-228-40
Client ID: **DPT-2 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.19	0.099	

Surrogate	Percent Recovery	Control Limits
TCMX	39	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-41

Client ID: **DPT-3 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.037	0.010	

Surrogate	Percent Recovery	Control Limits
TCMX	92	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-42

Client ID: **DPT-4 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	64	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08
Date Analyzed: 5-2&5-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-228-43
Client ID: **DPT-5 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.56	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	50	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08
Date Analyzed: 5-2&5-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 04-228-44
Client ID: **DPT-19 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	1.6	0.97	

Surrogate	Percent Recovery	Control Limits
TCMX	49	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-45

Client ID: **DPT-20 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0097	

Surrogate	Percent Recovery	Control Limits
TCMX	86	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 04-228-46

Client ID: **DPT-21 H2O**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.010	

Surrogate	Percent Recovery	Control Limits
TCMX	100	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

EDB by EPA 8011
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0502W1

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.010	

Surrogate	Percent Recovery	Control Limits
TCMX	103	30 - 136

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

**EDB by EPA 8011
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0502W1

Analyte	SB Spike Level	SB	Percent Recovery	SBD	Percent Recovery	RPD
EDB	0.100	0.0983	98	0.0987	99	0

Surrogate	Percent Recovery	Percent Recovery	Control Limits
TCMX	111	105	30 - 136

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

% MOISTURE

Date Analyzed: 4-29-08

Client ID	Lab ID	% Moisture
DPT-1@8	04-228-02	29
DPT-1@12	04-228-04	41
DPT-2@8	04-228-06	31
DPT-2@13.5	04-228-08	28
DPT-3@9	04-228-11	28
DPT-3@13	04-228-12	25
DPT-4@8	04-228-14	32
DPT-4@13	04-228-15	17
DPT-7@8	04-228-19	31
DPT-19@5	04-228-31	40
DPT-19@14	04-228-33	23
DPT-21@9	04-228-37	34
DPT-21@14	04-228-38	30



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4503

Chain of Custody

Page 4 of 5

Laboratory Number: 04-228

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Company:

Environmental Partners, Inc.

Project Number:

5201.2

Project Name:

Whitney's

Project Manager:

Thom Worin

Sampled by:

D. Callaway / K. Addis

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-GX/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	% Moisture
1	DPT-104	4/25/08	0754	S	6			Hold													
2	DPT-108	4/25/08	0758	S	6			XX	X												
3	DPT-1010	4/25/08	0805	S	6			Hold													
4	DPT-1012	4/25/08	0810	S	6			XX	X												
5	DPT-204	4/25/08	1254	S	1			Hold													
6	DPT-208	4/25/08	1258	S	6			XX	X												
7	DPT-2011	4/25/08	1144	S	6			Hold													
8	DPT-2013.5	4/25/08	1246	S	6			XX	X												
9	DPT-2015	4/25/08	1248	S	6			Hold													
10	DPT-304	4/25/08	0934	S	6			Hold													

Signature

Company

Date

Comments/Special Instructions:

Relinquished by

Received by

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Chain of Custody

Page 2 of 5

Turnaround Request (in working days)		Laboratory Number:		04-228
(Check One)				
☐ Same Day	☐ 1 Day			
☐ 2 Day	☐ 3 Day			
☒ Standard (7 working days) (TPH analysis 5 working days)				
☐ (other)				

Company:	Environmental Partners Inc.
Project Number:	5201.2
Project Name:	Whitney's
Project Manager:	Tham Monin
Sampled by:	D. Galloway / K. Addis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semi-volatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	% Moisture
11	DPT-309	4/25/08	0936	S	6		XX	XX	X												X
12	DPT-3013	4/25/08	0946	S	6		XX	XX	X												X
13	DPT-404	4/25/08	1110	S	6				170LD												X
14	DPT-408	4/25/08	1114	S	6				X												X
15	DPT-4013	4/25/08	1126	S	6				X												X
16	DPT-504	4/23/08	1510	S	6				170LD												X
17	DPT-604	4/23/08	1316	S	1				170LD												X
18	DPT-704	4/22/08	1235	S	6				170LD												X
19	DPT-708	4/22/08	1245	S	6				XX												X
20	DPT-804	4/23/08	0825	S	6				170LD												X

Signature		Company	Date	Time	Comments/Special Instructions:
Relinquished by		EP	4/26/08	1208	
Received by		OS Site Ev.	4/26/08	1208	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date					Chromatograms with final report ☐



Chain of Custody

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Environmental Partners, Inc.
Project Number: 57201.2
Project Name: Whitney's
Project Manager: Thom Moran
Sampled by: D. Galloway / K. Addis

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Laboratory Number:

04-228

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
21	DPT-1004	4/22/08	0847	S	1			H2O											
22	DPT-10016	4/22/08	0906	S	6			H2O											
23	DPT-1108	4/22/08	1026	S	6			H2O											
24	DPT-11016	4/22/08	1041	S	6			H2O											
25	DPT-1304	4/23/08	1042	S	1			H2O											
26	DPT-1208	4/22/08	0709	S	6			H2O											
27	DPT-1407	4/21/08	0938	S	6			H2O											
28	DPT-1504	4/21/08	1035	S	5			H2O											
29	DPT-1603.5	4/21/08	1312	S	1			H2O											
30	DPT-1803.5	4/21/08	1608	S	2			H2O											

Comments/Special Instructions:

Date Time

Company

Signature

Relinquished by		SP1	4/26/08 1208
Received by		O.S. & E. Fu	4/26/08 1208
Relinquished by			
Received by			
Relinquished by			
Received by			

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐



OnSite
Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

Environmental Partners, Inc.

Project Number:

57201.2

Project Name:

Whitney's

Project Manager:

Thom Martin

Sampled by:

D Gallaway / K. ADDIS

Chain of Custody

Page 4 of 5

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-228

Requested Analysis

Company: <u>Environmental Partners, Inc</u>		☐ Same Day		☐ 1 Day																
Project Number: <u>57201.2</u>		☐ 2 Day		☐ 3 Day																
Project Name: <u>Whitneys</u>		☒ Standard (7 working days)																		
Project Manager: <u>Thom Martin</u>		(TPH analysis 5 working days)																		
Sampled by: <u>D Gallaway / K. MDD.5</u>		☐ (other)																		
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture	
31	DPT-9905	4/24/08	1338	S	6		XX	XX	XX											X
32	DPT-1909	4/24/08	1342	S	6				1702D											
33	DPT-19014	4/24/08	1352	S	6		XX	XX	XX											X
34	DPT-19018	4/24/08	1359	S	6				1702D											
35	DPT-2004.5	4/24/08	1140	S	6				1702D											
36	DPT-2004.5	4/24/08	0936	S	6				1702D											
37	DPT-2109	4/24/08	0941	S	6		XX	XX	XX											X
38	DPT-21014	4/24/08	0952	S	6		XX	XX	XX											X

Comments/Special Instructions:

Date

Company

Signature

Relinquished by

Received by

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

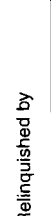
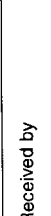
DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The accuracy of the proposed algorithm increases with the number of iterations. The accuracy of the proposed algorithm is 0.9999 after 100 iterations.

	Signature	(Date)	Reviewed by/Date	Chromatograms with final report ☐
Relinquished by		EP1	4/26/08	1208
Received by		C. S. & F.	4/26/08	1208
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date				

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 15, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-228B

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on April 26, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

Case Narrative

Samples were collected on April 21, 22, 23, 24, and 25, 2008 and received by the laboratory on April 26, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Samples DPT-2@4, DPT-3@4, DPT-5@4, and DPT-8@4, were analyzed outside of holding time per client's request.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

NWTPH Dx Analysis

Samples DPT-8@4, DPT-11@8, and DPT-13@4 were analyzed outside of holding time per client's request.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Samples DPT-3@4 and DPT-5@4 were analyzed 3 days and 5 days, respectively, outside of holding time per client's request.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-20@11**
Lab ID: 04-228-07

DPT-20@15
04-228-09

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.7	ND		5.9
Surrogate Recovery: Fluorobenzene	90%			94%		

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0508S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	89%		

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-8-08

Date Analyzed: 5-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	05-060-06 Original	05-060-06 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	89%	85%		

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

BENZENE by EPA 8021B

Date Extracted: 5-12-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-2@4**
Lab ID: 04-228-05

	Result	Flags	PQL
Benzene	ND		0.020

Surrogate Recovery:
Fluorobenzene 77%

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Gx/BTEX

Date Extracted: 5-12-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-3@4**
Lab ID: 04-228-10

	Result	Flags	PQL
Benzene	ND		0.020
Toluene	ND		0.065
Ethyl Benzene	ND		0.065
m,p-Xylene	0.073		0.065
o-Xylene	ND		0.065
TPH-Gas	ND		6.5
Surrogate Recovery: Fluorobenzene	69%		

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

NWTPH-Gx/BTEX

Date Extracted: 5-12-08
 Date Analyzed: 5-12-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-5@4	DPT-8@4
Lab ID:	04-228-16	04-228-20

	Result	Flags	PQL	Result	Flags	PQL
Benzene	0.15		0.020	0.36		0.020
Toluene	1.5		0.064	2.2		0.074
Ethyl Benzene	0.76		0.064	0.75		0.074
m,p-Xylene	2.7		0.064	2.1		0.074
o-Xylene	1.6		0.064	0.76		0.074
TPH-Gas	43		6.4	25		7.4
Surrogate Recovery:						
Fluorobenzene	67%			65%		

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

**NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-12-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1

	Result	Flags	PQL
Benzene	ND		0.020
Toluene	ND		0.050
Ethyl Benzene	ND		0.050
m,p-Xylene	ND		0.050
o-Xylene	ND		0.050
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	90%		

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

**NWTPH-Gx/BTEX
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-12-08

Date Analyzed: 5-12-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	05-086-07 Original	05-086-07 Duplicate	RPD	Flags
Benzene	ND	ND	NA	
Toluene	ND	ND	NA	
Ethyl Benzene	ND	ND	NA	
m,p-Xylene	ND	ND	NA	
o-Xylene	ND	ND	NA	
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	88%	88%		

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

**NWTPH-Gx/BTEX
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-12-08

Date Analyzed: 5-12-08

Matrix: Soil

Units: mg/kg (ppm)

Spike Level (ppm): 3.30

Lab ID:	05-086-07 MS	Percent Recovery	05-086-07 MSD	Percent Recovery	RPD	Flags
Benzene	3.06	93	3.25	98	6	
Toluene	3.16	96	3.33	101	5	
Ethyl Benzene	3.16	96	3.32	101	5	
m,p-Xylene	3.19	97	3.34	101	5	
o-Xylene	3.16	96	3.32	100	5	

Surrogate Recovery:

Fluorobenzene	91%	95%

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Dx

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-20@11	DPT-20@15
Lab ID:	04-228-07	04-228-09

Diesel Range:	ND	ND
PQL:	36	34
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	71	68
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	117%	124%

Flags:	Y	Y

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0508S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 90%

Flags: Y

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-8-08
Date Analyzed: 5-8&12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-029-01 05-029-01 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 137% 88%

Flags: Y Y

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-12-08
 Date Analyzed: 5-12-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	DPT-8@4	DPT-11@8	DPT-13@4
Lab ID:	04-228-20	04-228-23	04-228-25
Diesel Range:	870	ND	ND
PQL:	38	37	38
Identification:	Diesel Range Organics	---	---
Lube Oil Range:	2700	ND	ND
PQL:	76	74	76
Identification:	Lube Oil	---	---
Surrogate Recovery			
o-Terphenyl:	99%	75%	81%
Flags:	Y	Y	Y

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-12-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 115%

Flags: Y

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-12-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-076-05 05-076-05 DUP

Diesel Range: **2200** **2020**
PQL: 25 25

RPD: 9

Surrogate Recovery
o-Terphenyl: 123% 129%

Flags: Y Y

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-8-08
 Date Analyzed: 5-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-07
Client ID: DPT-20@11

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0034
Chloromethane	ND		0.0034
Vinyl Chloride	ND		0.0034
Bromomethane	ND		0.00069
Chloroethane	ND		0.0034
Trichlorofluoromethane	ND		0.00069
1,1-Dichloroethene	ND		0.00069
Acetone	0.070		0.0034
Iodomethane	ND		0.0034
Carbon Disulfide	ND		0.00069
Methylene Chloride	ND		0.0034
(trans) 1,2-Dichloroethene	ND		0.00069
Methyl t-Butyl Ether	ND		0.00069
1,1-Dichloroethane	ND		0.00069
Vinyl Acetate	ND		0.0034
2,2-Dichloropropane	ND		0.00069
(cis) 1,2-Dichloroethene	ND		0.00069
2-Butanone	0.0045		0.0034
Bromochloromethane	ND		0.00069
Chloroform	ND		0.00069
1,1,1-Trichloroethane	ND		0.00069
Carbon Tetrachloride	ND		0.00069
1,1-Dichloropropene	ND		0.00069
Benzene	ND		0.00069
1,2-Dichloroethane	ND		0.00069
Trichloroethene	ND		0.00069
1,2-Dichloropropane	ND		0.00069
Dibromomethane	ND		0.00069
Bromodichloromethane	ND		0.00069
2-Chloroethyl Vinyl Ether	ND		0.0034
(cis) 1,3-Dichloropropene	ND		0.00069
Methyl Isobutyl Ketone	ND		0.0034
Toluene	ND		0.0034
(trans) 1,3-Dichloropropene	ND		0.00069

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-07
 Client ID: DPT-20@11

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00069
Tetrachloroethene	ND		0.00069
1,3-Dichloropropane	ND		0.00069
2-Hexanone	ND		0.0034
Dibromochloromethane	ND		0.00069
1,2-Dibromoethane	ND		0.00069
Chlorobenzene	ND		0.00069
1,1,1,2-Tetrachloroethane	ND		0.00069
Ethylbenzene	ND		0.00069
m,p-Xylene	ND		0.0014
o-Xylene	ND		0.00069
Styrene	ND		0.00069
Bromoform	ND		0.00069
Isopropylbenzene	ND		0.00069
Bromobenzene	ND		0.00069
1,1,2,2-Tetrachloroethane	ND		0.00069
1,2,3-Trichloropropane	ND		0.00069
n-Propylbenzene	ND		0.00069
2-Chlorotoluene	ND		0.00069
4-Chlorotoluene	ND		0.00069
1,3,5-Trimethylbenzene	ND		0.00069
tert-Butylbenzene	ND		0.00069
1,2,4-Trimethylbenzene	ND		0.00069
sec-Butylbenzene	ND		0.00069
1,3-Dichlorobenzene	ND		0.00069
p-Isopropyltoluene	ND		0.00069
1,4-Dichlorobenzene	ND		0.00069
1,2-Dichlorobenzene	ND		0.00069
n-Butylbenzene	ND		0.00069
1,2-Dibromo-3-chloropropane	ND		0.0034
1,2,4-Trichlorobenzene	ND		0.00069
Hexachlorobutadiene	ND		0.0034
Naphthalene	ND		0.00069
1,2,3-Trichlorobenzene	ND		0.00069

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	85	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-8-08
 Date Analyzed: 5-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-228-09
Client ID: DPT-20@15

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0038
Chloromethane	ND		0.0038
Vinyl Chloride	ND		0.0038
Bromomethane	ND		0.00077
Chloroethane	ND		0.0038
Trichlorofluoromethane	ND		0.00077
1,1-Dichloroethene	ND		0.00077
Acetone	ND		0.0038
Iodomethane	ND		0.0038
Carbon Disulfide	ND		0.00077
Methylene Chloride	ND		0.0038
(trans) 1,2-Dichloroethene	ND		0.00077
Methyl t-Butyl Ether	ND		0.00077
1,1-Dichloroethane	ND		0.00077
Vinyl Acetate	ND		0.0038
2,2-Dichloropropane	ND		0.00077
(cis) 1,2-Dichloroethene	ND		0.00077
2-Butanone	ND		0.0038
Bromochloromethane	ND		0.00077
Chloroform	ND		0.00077
1,1,1-Trichloroethane	ND		0.00077
Carbon Tetrachloride	ND		0.00077
1,1-Dichloropropene	ND		0.00077
Benzene	0.00078		0.00077
1,2-Dichloroethane	ND		0.00077
Trichloroethene	ND		0.00077
1,2-Dichloropropane	ND		0.00077
Dibromomethane	ND		0.00077
Bromodichloromethane	ND		0.00077
2-Chloroethyl Vinyl Ether	ND		0.0038
(cis) 1,3-Dichloropropene	ND		0.00077
Methyl Isobutyl Ketone	ND		0.0038
Toluene	ND		0.0038
(trans) 1,3-Dichloropropene	ND		0.00077

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-228-09
 Client ID: DPT-20@15

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00077
Tetrachloroethene	0.00085		0.00077
1,3-Dichloropropane	ND		0.00077
2-Hexanone	ND		0.0038
Dibromochloromethane	ND		0.00077
1,2-Dibromoethane	ND		0.00077
Chlorobenzene	ND		0.00077
1,1,1,2-Tetrachloroethane	ND		0.00077
Ethylbenzene	ND		0.00077
m,p-Xylene	ND		0.0015
o-Xylene	ND		0.00077
Styrene	ND		0.00077
Bromoform	ND		0.00077
Isopropylbenzene	0.0020		0.00077
Bromobenzene	ND		0.00077
1,1,2,2-Tetrachloroethane	ND		0.00077
1,2,3-Trichloropropane	ND		0.00077
n-Propylbenzene	ND		0.00077
2-Chlorotoluene	ND		0.00077
4-Chlorotoluene	ND		0.00077
1,3,5-Trimethylbenzene	ND		0.00077
tert-Butylbenzene	ND		0.00077
1,2,4-Trimethylbenzene	ND		0.00077
sec-Butylbenzene	ND		0.00077
1,3-Dichlorobenzene	ND		0.00077
p-Isopropyltoluene	ND		0.00077
1,4-Dichlorobenzene	ND		0.00077
1,2-Dichlorobenzene	ND		0.00077
n-Butylbenzene	ND		0.00077
1,2-Dibromo-3-chloropropane	ND		0.0038
1,2,4-Trichlorobenzene	ND		0.00077
Hexachlorobutadiene	ND		0.0038
Naphthalene	ND		0.00077
1,2,3-Trichlorobenzene	ND		0.00077

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	84	70-121
4-Bromofluorobenzene	97	70-130

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 5-8-08
 Date Analyzed: 5-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0508S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0508S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	84	70-118
Toluene-d8	85	70-121
4-Bromofluorobenzene	98	70-130

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-8-08
 Date Analyzed: 5-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0508S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0581	116	0.0581	116	70-130	
Benzene	0.0500	0.0528	106	0.0497	99	70-127	
Trichloroethene	0.0500	0.0547	109	0.0535	107	73-117	
Toluene	0.0500	0.0515	103	0.0525	105	78-115	
Chlorobenzene	0.0500	0.0552	110	0.0518	104	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	10	
Benzene	6	11	
Trichloroethene	2	13	
Toluene	2	12	
Chlorobenzene	6	10	

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

TOTAL LEAD
EPA 6010B

Date Extracted: 5-9-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-20@11	04-228-07	ND	7.1
DPT-20@15	04-228-09	ND	6.8

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-9-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0509S2

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-9-08

Date Analyzed: 5-9-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-029-01

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	12.5	12.9	3		5.0

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 5-9-08
Date Analyzed: 5-9-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-029-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	247	94	241	91	3	

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NAPHTHALENE by EPA 8260B

Date Extracted: 5-10-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-228-10
Client ID: DPT-3@4

Compound	Results	Flags	PQL
Naphthalene	ND		0.00083

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	70-118
Toluene-d8	90	70-121
4-Bromofluorobenzene	103	70-130

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

NAPHTHALENE by EPA 8260B

Date Extracted: 5-10-08
Date Analyzed: 5-12-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-228-16
Client ID: DPT-5@4

Compound	Results	Flags	PQL
Naphthalene	0.16		0.00085

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	70-118
Toluene-d8	91	70-121
4-Bromofluorobenzene	96	70-130

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

**NAPHTHALENE by EPA 8260B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-10-08
Date Analyzed: 5-10-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0510S1

Compound	Results	Flags	PQL
Naphthalene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	70-118
Toluene-d8	90	70-121
4-Bromofluorobenzene	107	70-130

Date of Report: May 15, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228B
 Project: 51201.2

NAPHTHALENE by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 5-10-08

Date Analyzed: 5-10-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: SB0510S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0643	129	0.0626	125	70-130	
Benzene	0.0500	0.0518	104	0.0508	102	70-127	
Trichloroethene	0.0500	0.0469	94	0.0418	84	73-117	
Toluene	0.0500	0.0476	95	0.0427	85	78-115	
Chlorobenzene	0.0500	0.0479	96	0.0435	87	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	10	
Benzene	2	11	
Trichloroethene	12	13	
Toluene	11	12	
Chlorobenzene	10	10	

Date of Report: May 15, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228B
Project: 51201.2

% MOISTURE

Date Analyzed: 5-8,10&12-08

Client ID	Lab ID	% Moisture
DPT-20@11	04-228-07	30
DPT-20@15	04-228-09	26
DPT-3@4	04-228-10	26
DPT-5@4	04-228-16	29
DPT-8@4	04-228-20	34
DPT-11@8	04-228-23	32
DPT-13@4	04-228-25	34



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4803

Chain of Custody

Page 4 of 5

Laboratory Number: **04-228**

Turnaround Request
(in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Company: Environmental Partners, Inc.
Project Number: 51201.2
Project Name: Whitney's
Project Manager: Thom Worin
Sampled by: D. Callaway / K. Addis

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HClD	NWTPH-Gx/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	TOTAL LEAD	Benzene	Naphthalene	% Moisture
1	DPT-104	4/25/08	0754	S	6			HPD																
2	DPT-108	4/25/08	0758	S	6			XX	X													X		
3	DPT-1010	4/25/08	0805	S	6			HPD																
4	DPT-1012	4/25/08	0810	S	6			XX	X													X		
5	DPT-204	4/25/08	1254	S	1			HPD																
6	DPT-208	4/25/08	1258	S	6			XX	X													X		
7	DPT-2011	4/25/08	1144	S	6			XX	X													X		
8	DPT-2013.5	4/25/08	1246	S	6			XX	X													X		
9	DPT-2015	4/25/08	1203	S	6			XX	X													X		
10	DPT-304	4/25/08	0934	S	6			XX	X													X		

Comments/Special Instructions:

Date

Company

Signature

Relinquished by		4/26/08	1208	EP	Added 3/7/08 RC
Received by		4/26/08	1208	CO-Sixty	STA
Relinquished by					Added 5/4/08 RC
Received by					STA
Relinquished by					
Received by					
Reviewed by/Date					Chromatograms with final report ☐



Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Environmental Partners Inc
Project Number: 51201.2
Project Name: Whitney's
Project Manager: Tham Mohr
Sampled by: D. Gallaway / K. Addis

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-228

Requested Analysis

Project Name: <u>Environment Partners Inc</u>		☐ Same Day		☐ 1 Day	
Project Number: <u>5201,2</u>		☐ 2 Day		☐ 3 Day	
Project Manager: <u>Whitney's</u>		☒ Standard (7 working days)			
Sampled by: <u>Ther Monin</u>		(TPH analysis 5 working days)			
Sampled by: <u>D.Gallaway / K. Addis</u>		☐ (other)			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
11	DPT-309	4/25/08	0936	S	6
12	DPT-3013	4/25/08	0946	S	6
13	DPT-404	4/25/08	1110	S	6
14	DPT-408	4/25/08	1114	S	6
15	DPT-4013	4/25/08	1126	S	6
16	DPT-504	4/23/08	1510	S	6
17	DPT-604	4/23/08	1316	S	1
18	DPT-704	4/22/08	1235	S	6
19	DPT-708	4/22/08	1245	S	6
20	DPT-804	4/23/08	0825	S	6
NWTPH-HCID					
NWTPH-Gx/BTEX					
NWTPH-DX					
Volatiles by 8260B					
Halogenated Volatiles by 8260B					
SemiVolatiles by 8270C					
PAHs by 8270C / SIM					
PCBs by 8082					
Pesticides by 8081A					
Herbicides by 8151A					
Total RCRA Metals (8)					
TCLP Metals					
HEM by 1664					
VPH					
EPH					
Total LEAD					
Naphthalene					
% Moisture					

Comments/Special Instructions:

Date

Company

Signature

Relinquished by		4/24/08	1208																					
Received by		4/24/08	1208																					
Relinquished by																								
Received by																								
Relinquished by																								
Received by																								
Reviewed by/Date																								

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Chain of Custody

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Environmental Partners, Inc.
Project Number: 57201.2
Project Name: Whitney's
Project Manager: Therese Morin
Sampled by: D. Galloway/K. Adams

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other)

Laboratory Number:

04-228

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
21	DPT-1004	4/21/08	0847	S	1			Hold											
22	DPT-10016	4/21/08	0906	S	6			Hold											
23	DPT-1108	4/22/08	1026	S	6			Hold											
24	DPT-11016	4/22/08	1041	S	6			Hold											
25	DPT-1304	4/23/08	1042	S	1			Hold											
26	DPT-1208	4/22/08	0709	S	6			Hold											
27	DPT-1407	4/21/08	0938	S	6			Hold											
28	DPT-1504	4/21/08	1035	S	5			Hold											
29	DPT-1603.5	4/21/08	1312	S	1			Hold											
30	DPT-1803.5	4/21/08	1608	S	2			Hold											

Comments/Special Instructions:

Date

Company

Signature

Added 5/9/08 STA

4/26/08 1208
4/26/08 1208

SP1
O.S. & F.

Relinquished by
Received by
Relinquished by
Received by
Relinquished by
Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐



Chain of Custody

OnSite
Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

Environmental Partners, Inc.

Project Number:

57201.2

Project Name:

Whitneys

Project Manager:

Thom Martin

Sampled by:

D Gallagher / K. ADDIS

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-228

Requested Analysis

Company: <u>Environmental Partners, Inc.</u>		☐ Same Day ☐ 1 Day																		
Project Number: <u>57201.2</u>		☐ 2 Day ☐ 3 Day																		
Project Name: <u>Whitneys</u>		☒ Standard (7 working days)																		
Project Manager: <u>Thom Murin</u>		(TPH analysis 5 working days)																		
Sampled by: <u>D Gallaway / K. ADDIS</u>		☐ (other)																		
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-GX/BTEX	NWTPH-DX	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture	
31	DPT-9905	4/24/08	1338	S	6		X	X	X										X (Total Lead)	
32	DPT-1909	4/24/08	1342	S	6			1702D												
33	DPT-19014	4/24/08	1352	S	6		X	X	X										X	
34	DPT-19018	4/24/08	1359	S	6			1702D												
35	DPT-2004.5	4/24/08	1140	S	6			1702D												
36	DPT-2004.5	4/24/08	0936	S	6			1702D												
37	DPT-2109	4/24/08	0941	S	6		X	X	X										X	
38	DPT-21014	4/24/08	0952	S	6		X	X	X										X	

Signature

Company

Date

Time

Comments/Special Instructions:

Relinquished by

Received by

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



Chain of Custody

Page 5 of 5

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

Environmental Partners, Inc.

Project Number:

57201.2

Project Name:

Whitney's

Project Manager:

Thuan Minh

Sampled by:

D. Galloway / K. Adams

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)
(TPH analysis 5 working days)

☐ (other)

Laboratory Number:

04-228

Requested Analysis

Company: <u>Environmental Partners, Inc</u>		☐ Same Day ☐ 1 Day			
Project Number: <u>57201.2</u>		☐ 2 Day ☐ 3 Day			
Project Name: <u>Whitney's</u>		☒ Standard (7 working days)			
Project Manager: <u>Tham Muin</u>		(TPH analysis 5 working days)			
Sampled by: <u>D. Gallowsy / K. Adels</u>		☐ (other)			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
39	DPT-1 H2O	4/24/08	0847	W	10
40	DPT-2 H2O	4/25/08	1335	W	10
41	DPT-3 H2O	4/25/08	1030	W	10
42	DPT-4 H2O	4/25/08	1202	W	10
43	DPT-5 H2O	4/23/08	1623	W	10
44	DPT-19 H2O	4/24/08	1435	W	10
45	DPT-20 H2O	4/24/08	1300	W	10
46	DPT-21 H2O	4/24/08	1115	W	10
47	DPT-9 @ 4	4/22/08	1500	S	1

Comments/Special Instructions:

Time

Date

Company

Signature

Relinquished by		4/26/08	1208	
Received by		4/26/08	1208	
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date				Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy



May 16, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-228

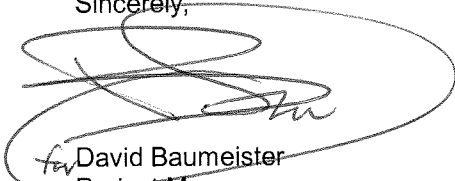
Dear Dylan:

Please note that the enclosed pages 2, 5, 35, 39, 41, 43, and 103 are *revised*, and replace those pages originally sent in the report with the laboratory reference number 0804-228 on May 6, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



for David Baumeister
Project Manager

Enclosures

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

Case Narrative

Samples were collected on April 21, 22, 23, 24, and 25, 2008 and received by the laboratory on April 26, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, some samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis. Other samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The samples associated with project Whitney's caused a degradation in the purge and trap system which diminished the presence of 2-Chloroethyl Vinyl Ether. Therefore, levels of 2-Chloroethyl Vinyl Ether could potentially exist at a much higher level than the reported Practical Quantitation Limit.

The value reported for 1,2,4-Trimethylbenzene for sample DPT-2@13.5 exceeds the quantitation range at the maximum possible dilution and is therefore an estimate.

Some MTCA Method A cleanup levels are non-achievable for samples DPT-1@12, DPT-2@13.5, DPT-3@9, and DPT-3@13 due to the necessary dilution of the sample.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 6, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-228
Project: 51201.2

NWTPH-Gx/EPA 8021B

Date Extracted: 5-1-08
Date Analyzed: 5-1&2-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-3@9	DPT-3@13
Lab ID:	04-228-11	04-228-12

	Result	Flags	PQL	Result	Flags	PQL
Benzene				0.16		0.010
MTBE				ND		0.052
TPH-Gas	1100		110	31		5.2
Surrogate Recovery: Fluorobenzene	---	S		69%		

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-228-04
 Client ID: DPT-1@12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.41
Chloromethane	ND		0.41
Vinyl Chloride	ND		0.41
Bromomethane	ND		0.081
Chloroethane	ND		0.41
Trichlorofluoromethane	ND		0.081
1,1-Dichloroethene	ND		0.081
Acetone	ND		0.41
Iodomethane	ND		0.41
Carbon Disulfide	ND		0.081
Methylene Chloride	ND		0.41
(trans) 1,2-Dichloroethene	ND		0.081
Methyl t-Butyl Ether	ND		0.081
1,1-Dichloroethane	ND		0.081
Vinyl Acetate	ND		0.41
2,2-Dichloropropane	ND		0.081
(cis) 1,2-Dichloroethene	ND		0.081
2-Butanone	ND		0.41
Bromochloromethane	ND		0.081
Chloroform	ND		0.081
1,1,1-Trichloroethane	ND		0.081
Carbon Tetrachloride	ND		0.081
1,1-Dichloropropene	ND		0.081
Benzene	ND	Z	0.081
1,2-Dichloroethane	ND		0.081
Trichloroethene	ND		0.081
1,2-Dichloropropane	ND		0.081
Dibromomethane	ND		0.081
Bromodichloromethane	ND		0.081
2-Chloroethyl Vinyl Ether	ND		0.41
(cis) 1,3-Dichloropropene	ND		0.081
Methyl Isobutyl Ketone	ND		0.41
Toluene	ND		0.41
(trans) 1,3-Dichloropropene	ND		0.081

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 5-1-08
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 04-228-08
 Client ID: DPT-2@13.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.6
Chloromethane	ND		5.6
Vinyl Chloride	ND		5.6
Bromomethane	ND		1.1
Chloroethane	ND		5.6
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.6
Iodomethane	ND		5.6
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.6
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND	Z	1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.6
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.6
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	3.9		1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.6
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.6
Toluene	47		5.6
(trans) 1,3-Dichloropropene	ND		1.1

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-228-11
 Client ID: DPT-3@9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.5
Chloromethane	ND		5.5
Vinyl Chloride	ND		5.5
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND	Z	1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND	Z	1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	ND		5.5
(trans) 1,3-Dichloropropene	ND		1.1

Date of Report: May 6, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-228
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-1-08
 Date Analyzed: 5-1-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 04-228-12
 Client ID: DPT-3@13

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.5
Chloromethane	ND		5.5
Vinyl Chloride	ND		5.5
Bromomethane	ND		1.1
Chloroethane	ND		5.5
Trichlorofluoromethane	ND		1.1
1,1-Dichloroethene	ND		1.1
Acetone	ND		5.5
Iodomethane	ND		5.5
Carbon Disulfide	ND		1.1
Methylene Chloride	ND		5.5
(trans) 1,2-Dichloroethene	ND		1.1
Methyl t-Butyl Ether	ND	Z1	1.1
1,1-Dichloroethane	ND		1.1
Vinyl Acetate	ND		5.5
2,2-Dichloropropane	ND		1.1
(cis) 1,2-Dichloroethene	ND		1.1
2-Butanone	ND		5.5
Bromochloromethane	ND		1.1
Chloroform	ND		1.1
1,1,1-Trichloroethane	ND		1.1
Carbon Tetrachloride	ND		1.1
1,1-Dichloropropene	ND		1.1
Benzene	ND	Z1	1.1
1,2-Dichloroethane	ND		1.1
Trichloroethene	ND		1.1
1,2-Dichloropropane	ND		1.1
Dibromomethane	ND		1.1
Bromodichloromethane	ND		1.1
2-Chloroethyl Vinyl Ether	ND		5.5
(cis) 1,3-Dichloropropene	ND		1.1
Methyl Isobutyl Ketone	ND		5.5
Toluene	ND		5.5
(trans) 1,3-Dichloropropene	ND		1.1



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z - The MTCA Method A cleanup level is non-achievable due to the necessary dilution of the sample.
- Z1 - The MTCA Method A cleanup level is non-achievable due to the necessary dilution of the sample. See EPA 8021B result.
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 7, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-229

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on April 26, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a horizontal line.

David Baumeister
Project Manager

Enclosures

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

Case Narrative

Samples were collected on April 23, 2008 and received by the laboratory on April 26, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The gasoline result for sample DPT-5@12 exceeded the calibration range of the instrument even when analyzed at the maximum standard dilution. The result is therefore an estimate, and has been flagged with an "E" qualifier.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The samples associated with project Whitney's caused a degradation in the purge and trap system which diminished the presence of 2-Chloroethyl Vinyl Ether. Therefore, levels of 2-Chloroethyl Vinyl Ether could potentially exist at a much higher level than the reported Practical Quantitation Limit for samples DPT-5@12 and DPT-5@14.5.

Some MTCA Method A cleanup levels are non-achievable for samples DPT-5@12 and DPT-5@14.5 due to the necessary dilution of the sample.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **DPT-5@12**
Lab ID: 04-229-01

DPT-5@14.5
04-229-02

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	16000	E	110	200		30
Surrogate Recovery: Fluorobenzene	---	S		95%		

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-2-08
Date Analyzed: 5-2-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0502S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	90%		

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-2-08

Date Analyzed: 5-2-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	04-226-01 Original	04-226-01 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	78%	79%		

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Dx

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	DPT-5 @12	DPT-5 @14.5
Lab ID:	04-229-01	04-229-02

Diesel Range:	ND	ND
PQL:	34	36
Identification:	---	---

Lube Oil Range:	190	ND
PQL:	68	71
Identification:	Lube Oil	---

Surrogate Recovery		
o-Terphenyl:	83%	79%

Flags:	Y	Y

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0429S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 77%

Flags: Y

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 4-29-08
Date Analyzed: 4-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-240-09 04-240-09 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 78% 84%

Flags: Y Y

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08

Date Analyzed: 4-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-229-01

Client ID: DPT-5@12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.2
Chloromethane	ND		5.2
Vinyl Chloride	ND		5.2
Bromomethane	ND		1.0
Chloroethane	ND		5.2
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		5.2
Iodomethane	ND		5.2
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.2
(trans) 1,2-Dichloroethene	ND		1.0
Methyl t-Butyl Ether	ND	Z	1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		5.2
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		5.2
Bromochloromethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	6.6		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.2
(cis) 1,3-Dichloropropene	ND		1.0
Methyl Isobutyl Ketone	ND		5.2
Toluene	110		5.2
(trans) 1,3-Dichloropropene	ND		1.0

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-229-01
 Client ID: DPT-5@12

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
2-Hexanone	ND		5.2
Dibromochloromethane	ND		1.0
1,2-Dibromoethane	ND		1.0
Chlorobenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
Ethylbenzene	42		1.0
m,p-Xylene	170		2.1
o-Xylene	70		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	6.2		1.0
Bromobenzene	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,2,3-Trichloropropane	ND		1.0
n-Propylbenzene	19		1.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	32		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	120		1.0
sec-Butylbenzene	2.6		1.0
1,3-Dichlorobenzene	ND		1.0
p-Isopropyltoluene	2.8		1.0
1,4-Dichlorobenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
n-Butylbenzene	7.5		1.0
1,2-Dibromo-3-chloropropane	ND		5.2
1,2,4-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		5.2
Naphthalene	29		1.0
1,2,3-Trichlorobenzene	ND		1.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	76	70-118
Toluene-d8	79	70-121
4-Bromofluorobenzene	79	70-130

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08

Date Analyzed: 4-30-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-229-02

Client ID: DPT-5@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.60
Chloromethane	ND		0.60
Vinyl Chloride	ND		0.60
Bromomethane	ND		0.12
Chloroethane	ND		0.60
Trichlorofluoromethane	ND		0.12
1,1-Dichloroethene	ND		0.12
Acetone	ND		0.60
Iodomethane	ND		0.60
Carbon Disulfide	ND		0.12
Methylene Chloride	ND		0.60
(trans) 1,2-Dichloroethene	ND		0.12
Methyl t-Butyl Ether	ND	Z	0.12
1,1-Dichloroethane	ND		0.12
Vinyl Acetate	ND		0.60
2,2-Dichloropropane	ND		0.12
(cis) 1,2-Dichloroethene	ND		0.12
2-Butanone	ND		0.60
Bromochloromethane	ND		0.12
Chloroform	ND		0.12
1,1,1-Trichloroethane	ND		0.12
Carbon Tetrachloride	ND		0.12
1,1-Dichloropropene	ND		0.12
Benzene	5.7		0.12
1,2-Dichloroethane	ND		0.12
Trichloroethene	ND		0.12
1,2-Dichloropropane	ND		0.12
Dibromomethane	ND		0.12
Bromodichloromethane	ND		0.12
2-Chloroethyl Vinyl Ether	ND		0.60
(cis) 1,3-Dichloropropene	ND		0.12
Methyl Isobutyl Ketone	ND		0.60
Toluene	18		0.60
(trans) 1,3-Dichloropropene	ND		0.12

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 04-229-02
 Client ID: DPT-5@14.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.12
Tetrachloroethene	ND		0.12
1,3-Dichloropropane	ND		0.12
2-Hexanone	ND		0.60
Dibromochloromethane	ND		0.12
1,2-Dibromoethane	ND		0.12
Chlorobenzene	ND		0.12
1,1,1,2-Tetrachloroethane	ND		0.12
Ethylbenzene	4.6		0.12
m,p-Xylene	16		0.24
o-Xylene	7.1		0.12
Styrene	ND		0.12
Bromoform	ND		0.12
Isopropylbenzene	0.56		0.12
Bromobenzene	ND		0.12
1,1,2,2-Tetrachloroethane	ND		0.12
1,2,3-Trichloropropane	ND		0.12
n-Propylbenzene	1.9		0.12
2-Chlorotoluene	ND		0.12
4-Chlorotoluene	ND		0.12
1,3,5-Trimethylbenzene	3.0		0.12
tert-Butylbenzene	ND		0.12
1,2,4-Trimethylbenzene	11		0.12
sec-Butylbenzene	0.27		0.12
1,3-Dichlorobenzene	ND		0.12
p-Isopropyltoluene	0.30		0.12
1,4-Dichlorobenzene	ND		0.12
1,2-Dichlorobenzene	ND		0.12
n-Butylbenzene	0.82		0.12
1,2-Dibromo-3-chloropropane	ND		0.60
1,2,4-Trichlorobenzene	ND		0.12
Hexachlorobutadiene	ND		0.60
Naphthalene	2.3		0.12
1,2,3-Trichlorobenzene	ND		0.12

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	70-118
Toluene-d8	95	70-121
4-Bromofluorobenzene	99	70-130

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0429S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0429S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	73	70-118
Toluene-d8	71	70-121
4-Bromofluorobenzene	75	70-130

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0430S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0430S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	70-118
Toluene-d8	95	70-121
4-Bromofluorobenzene	99	70-130

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0429S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0357	71	0.0372	74	70-130	
Benzene	0.0500	0.0460	92	0.0466	93	70-127	
Trichloroethene	0.0500	0.0455	91	0.0436	87	73-117	
Toluene	0.0500	0.0468	94	0.0485	97	78-115	
Chlorobenzene	0.0500	0.0436	87	0.0438	88	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	10	
Benzene	1	11	
Trichloroethene	4	13	
Toluene	4	12	
Chlorobenzene	0	10	

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 4-30-08
 Date Analyzed: 4-30-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0430S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0357	71	0.0359	72	70-130	
Benzene	0.0500	0.0535	107	0.0538	108	70-127	
Trichloroethene	0.0500	0.0438	88	0.0476	95	73-117	
Toluene	0.0500	0.0537	107	0.0575	115	78-115	
Chlorobenzene	0.0500	0.0481	96	0.0530	106	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	10	
Benzene	1	11	
Trichloroethene	8	13	
Toluene	7	12	
Chlorobenzene	10	10	

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 4-30-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
DPT-5@12	04-229-01	12	6.8
DPT-5@14.5	04-229-02	ND	7.1

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-30-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0430S1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 4-30-08

Date Analyzed: 5-1-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-243-06

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	ND	ND	NA		5.0

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 4-30-08
Date Analyzed: 5-1-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-243-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	237	95	234	94	1	

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

% MOISTURE

Date Analyzed: 4-29-08

Client ID	Lab ID	% Moisture
DPT-5 @ 12	04-229-01	27
DPT-5 @ 14.5	04-229-02	30



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z - The MTCA Method A cleanup level is non-achievable due to the necessary dilution of the sample.

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



**OnSite
Environmental Inc.**

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company:

Company: ENVIRONMENTAL PAPERIES, INC.

Project Number: _____

Project Number: 52201.2

Project Name:

Project Manager: Whitneys

Sampled by: Thompson

D. Galway / K. Addis

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☐ ~~Standard (7 working days)~~
(TPH analysis 5 working days)

Category	Percentage
Other	10.0%

Date	Time	# of
Sampled	Sampled	Matrix
		Cont.

Sample Identification

APT-5012

DT-50 14.5-

4/22/14	1513	S	6

4/23/81	56

Signature

Company

Date _____ Time _____

Comments/Special Instructions:

Relinquished by

Received by

Relinquished by

Received by

100

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Page 7 of

04-229

Laboratory Number:



May 16, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0804-229

Dear Dylan:

Please note that the enclosed pages 2, 9, 11, and 24, are revised, and replace those pages originally sent in the report with the laboratory reference number 0804-229 on May 7, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



David Baumeister
Project Manager

Enclosures

Date of Report: May 7, 2008
Samples Submitted: April 26, 2008
Laboratory Reference: 0804-229
Project: 51201.2

Case Narrative

Samples were collected on April 23, 2008 and received by the laboratory on April 26, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The gasoline result for sample DPT-5@12 exceeded the calibration range of the instrument even when analyzed at the maximum standard dilution. The result is therefore an estimate, and has been flagged with an "E" qualifier.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The samples associated with project Whitney's caused a degradation in the purge and trap system which diminished the presence of 2-Chloroethyl Vinyl Ether. Therefore, levels of 2-Chloroethyl Vinyl Ether could potentially exist at a much higher level than the reported Practical Quantitation Limit for samples DPT-5@12 and DPT-5@14.5.

Some MTCA Method A cleanup levels are non-achievable for samples DPT-5@12 and DPT-5@14.5 due to the necessary dilution of the sample.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-29-08
 Date Analyzed: 4-29-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 04-229-01
 Client ID: DPT-5@12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		5.2
Chloromethane	ND		5.2
Vinyl Chloride	ND		5.2
Bromomethane	ND		1.0
Chloroethane	ND		5.2
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		5.2
Iodomethane	ND		5.2
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.2
(trans) 1,2-Dichloroethene	ND		1.0
Methyl t-Butyl Ether	ND	Z	1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		5.2
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		5.2
Bromochloromethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	6.6		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.2
(cis) 1,3-Dichloropropene	ND		1.0
Methyl Isobutyl Ketone	ND		5.2
Toluene	110		5.2
(trans) 1,3-Dichloropropene	ND		1.0

Date of Report: May 7, 2008
 Samples Submitted: April 26, 2008
 Laboratory Reference: 0804-229
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 4-30-08

Date Analyzed: 4-30-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-229-02

Client ID: DPT-5@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.60
Chloromethane	ND		0.60
Vinyl Chloride	ND		0.60
Bromomethane	ND		0.12
Chloroethane	ND		0.60
Trichlorofluoromethane	ND		0.12
1,1-Dichloroethene	ND		0.12
Acetone	ND		0.60
Iodomethane	ND		0.60
Carbon Disulfide	ND		0.12
Methylene Chloride	ND		0.60
(trans) 1,2-Dichloroethene	ND		0.12
Methyl t-Butyl Ether	ND	Z	0.12
1,1-Dichloroethane	ND		0.12
Vinyl Acetate	ND		0.60
2,2-Dichloropropane	ND		0.12
(cis) 1,2-Dichloroethene	ND		0.12
2-Butanone	ND		0.60
Bromochloromethane	ND		0.12
Chloroform	ND		0.12
1,1,1-Trichloroethane	ND		0.12
Carbon Tetrachloride	ND		0.12
1,1-Dichloropropene	ND		0.12
Benzene	5.7		0.12
1,2-Dichloroethane	ND		0.12
Trichloroethene	ND		0.12
1,2-Dichloropropane	ND		0.12
Dibromomethane	ND		0.12
Bromodichloromethane	ND		0.12
2-Chloroethyl Vinyl Ether	ND		0.60
(cis) 1,3-Dichloropropene	ND		0.12
Methyl Isobutyl Ketone	ND		0.60
Toluene	18		0.60
(trans) 1,3-Dichloropropene	ND		0.12



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z - The MTCA Method A cleanup level is non-achievable due to the necessary dilution of the sample.

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 6, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0805-214

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on May 28, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

Case Narrative

Samples were collected on May 27 and 28, 2008 and received by the laboratory on May 28, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-30-08
Date Analyzed: 5-30-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-1@5.5**
Lab ID: 05-214-01

WCMW-1@10.5
05-214-02

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		13	13		7.7
Surrogate Recovery: Fluorobenzene	79%			74%		

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-30-08
Date Analyzed: 5-30-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-2@7**
Lab ID: 05-214-03

WCMW-2@15
05-214-04

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		15	ND		10
Surrogate Recovery: Fluorobenzene	75%			84%		

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-30-08
Date Analyzed: 5-30-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-3@6**
Lab ID: 05-214-05

WCMW-3@15
05-214-06

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		6.4	ND		4.6
Surrogate Recovery: Fluorobenzene	63%			71%		

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx

Date Extracted: 5-30-08
Date Analyzed: 5-30-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-6@6**
Lab ID: 05-214-07

WCMW-6@11.5
05-214-08

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		7.8	ND		5.5
Surrogate Recovery: Fluorobenzene	59%			66%		

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-30-08
Date Analyzed: 5-30-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0530S2

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	86%		

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-30-08

Date Analyzed: 5-30-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	05-217-03 Original	05-217-03 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	82%	82%		

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-29-08
 Date Analyzed: 5-29-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	WCMW-1@5.5	WCMW-1@10.5	WCMW-2@7
Lab ID:	05-214-01	05-214-02	05-214-03
Diesel Range:	ND	ND	ND
PQL:	36	37	530
Identification:	---	---	---
Lube Oil Range:	ND	ND	2600
PQL:	71	75	75
Identification:	---	---	Lube Oil
Surrogate Recovery			
o-Terphenyl:	78%	85%	84%
Flags:	Y	Y	U1,Y

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

NWTPH-Dx

Date Extracted: 5-29-08
 Date Analyzed: 5-29-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	WCMW-2@15	WCMW-3@6	WCMW-3@15
Lab ID:	05-214-04	05-214-05	05-214-06
Diesel Range:	87	ND	ND
PQL:	31	35	30
Identification:	Diesel Range Organics	---	---
Lube Oil Range:	ND	ND	ND
PQL:	63	69	60
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	89%	81%	83%
Flags:	Y	Y	Y

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Dx

Date Extracted: 5-29-08
Date Analyzed: 5-29-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	WCMW-6@6	WCMW-6@11.5
Lab ID:	05-214-07	05-214-08

Diesel Range:	ND	ND
PQL:	39	33
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	78	67
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	81%	87%

Flags:	Y	Y

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-29-08
Date Analyzed: 5-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0529S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 105%

Flags: Y

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-29-08
Date Analyzed: 6-3-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-204-01 05-204-01 DUP

Diesel Range: **53.8** **79.6**

PQL: 25 25

RPD: 39

Surrogate Recovery

o-Terphenyl: 86% 88%

Flags: Y Y

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08

Date Analyzed: 5-30-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-214-01

Client ID: WCMW-1@5.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0041
Chloromethane	ND		0.0041
Vinyl Chloride	ND		0.0041
Bromomethane	ND		0.00082
Chloroethane	ND		0.0041
Trichlorofluoromethane	ND		0.00082
1,1-Dichloroethene	ND		0.00082
Acetone	ND		0.0041
Iodomethane	ND		0.0041
Carbon Disulfide	ND		0.00082
Methylene Chloride	ND		0.0041
(trans) 1,2-Dichloroethene	ND		0.00082
Methyl t-Butyl Ether	ND		0.00082
1,1-Dichloroethane	ND		0.00082
Vinyl Acetate	ND		0.0041
2,2-Dichloropropane	ND		0.00082
(cis) 1,2-Dichloroethene	ND		0.00082
2-Butanone	ND		0.0041
Bromochloromethane	ND		0.00082
Chloroform	ND		0.00082
1,1,1-Trichloroethane	ND		0.00082
Carbon Tetrachloride	ND		0.00082
1,1-Dichloropropene	ND		0.00082
Benzene	0.0033		0.00082
1,2-Dichloroethane	ND		0.00082
Trichloroethene	ND		0.00082
1,2-Dichloropropane	ND		0.00082
Dibromomethane	ND		0.00082
Bromodichloromethane	ND		0.00082
2-Chloroethyl Vinyl Ether	ND		0.0041
(cis) 1,3-Dichloropropene	ND		0.00082
Methyl Isobutyl Ketone	ND		0.0041
Toluene	ND		0.0041
(trans) 1,3-Dichloropropene	ND		0.00082

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-01
 Client ID: WCMW-1@5.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00082
Tetrachloroethene	ND		0.00082
1,3-Dichloropropane	ND		0.00082
2-Hexanone	ND		0.0041
Dibromochloromethane	ND		0.00082
1,2-Dibromoethane	ND		0.00082
Chlorobenzene	ND		0.00082
1,1,1,2-Tetrachloroethane	ND		0.00082
Ethylbenzene	0.0064		0.00082
m,p-Xylene	0.023		0.0016
o-Xylene	0.0077		0.00082
Styrene	ND		0.00082
Bromoform	ND		0.00082
Isopropylbenzene	0.0013		0.00082
Bromobenzene	ND		0.00082
1,1,2,2-Tetrachloroethane	ND		0.00082
1,2,3-Trichloropropane	ND		0.00082
n-Propylbenzene	0.0056		0.00082
2-Chlorotoluene	ND		0.00082
4-Chlorotoluene	ND		0.00082
1,3,5-Trimethylbenzene	0.0062		0.00082
tert-Butylbenzene	ND		0.00082
1,2,4-Trimethylbenzene	0.023		0.00082
sec-Butylbenzene	ND		0.00082
1,3-Dichlorobenzene	ND		0.00082
p-Isopropyltoluene	ND		0.00082
1,4-Dichlorobenzene	ND		0.00082
1,2-Dichlorobenzene	ND		0.00082
n-Butylbenzene	ND		0.00082
1,2-Dibromo-3-chloropropane	ND		0.0041
1,2,4-Trichlorobenzene	ND		0.00082
Hexachlorobutadiene	ND		0.0041
Naphthalene	0.0018		0.00082
1,2,3-Trichlorobenzene	ND		0.00082

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	78	70-121
4-Bromofluorobenzene	79	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30&6-4-08
 Date Analyzed: 5-30&6-4-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-214-02
Client ID: WCMW-1@10.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0047
Chloromethane	ND		0.0047
Vinyl Chloride	ND		0.0047
Bromomethane	ND		0.00094
Chloroethane	ND		0.0047
Trichlorofluoromethane	ND		0.00094
1,1-Dichloroethene	ND		0.00094
Acetone	ND		0.0047
Iodomethane	ND		0.0047
Carbon Disulfide	ND		0.00094
Methylene Chloride	ND		0.0047
(trans) 1,2-Dichloroethene	ND		0.00094
Methyl t-Butyl Ether	ND		0.00094
1,1-Dichloroethane	ND		0.00094
Vinyl Acetate	ND		0.0047
2,2-Dichloropropane	ND		0.00094
(cis) 1,2-Dichloroethene	ND		0.00094
2-Butanone	ND		0.0047
Bromochloromethane	ND		0.00094
Chloroform	ND		0.00094
1,1,1-Trichloroethane	ND		0.00094
Carbon Tetrachloride	ND		0.00094
1,1-Dichloropropene	ND		0.00094
Benzene	1.0		0.069
1,2-Dichloroethane	ND		0.00094
Trichloroethene	ND		0.00094
1,2-Dichloropropane	ND		0.00094
Dibromomethane	ND		0.00094
Bromodichloromethane	ND		0.00094
2-Chloroethyl Vinyl Ether	ND		0.0047
(cis) 1,3-Dichloropropene	ND		0.00094
Methyl Isobutyl Ketone	ND		0.0047
Toluene	0.19		0.0047
(trans) 1,3-Dichloropropene	ND		0.00094

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-02
 Client ID: WCMW-1@10.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00094
Tetrachloroethene	ND		0.00094
1,3-Dichloropropane	ND		0.00094
2-Hexanone	ND		0.0047
Dibromochloromethane	ND		0.00094
1,2-Dibromoethane	ND		0.00094
Chlorobenzene	ND		0.00094
1,1,1,2-Tetrachloroethane	ND		0.00094
Ethylbenzene	0.14		0.00094
m,p-Xylene	0.31		0.0019
o-Xylene	0.17		0.00094
Styrene	ND		0.00094
Bromoform	ND		0.00094
Isopropylbenzene	0.012		0.00094
Bromobenzene	ND		0.00094
1,1,2,2-Tetrachloroethane	ND		0.00094
1,2,3-Trichloropropane	ND		0.00094
n-Propylbenzene	0.036		0.00094
2-Chlorotoluene	ND		0.00094
4-Chlorotoluene	ND		0.00094
1,3,5-Trimethylbenzene	0.065		0.00094
tert-Butylbenzene	ND		0.00094
1,2,4-Trimethylbenzene	0.76		0.069
sec-Butylbenzene	0.0049		0.00094
1,3-Dichlorobenzene	ND		0.00094
p-Isopropyltoluene	0.0030		0.00094
1,4-Dichlorobenzene	ND		0.00094
1,2-Dichlorobenzene	ND		0.00094
n-Butylbenzene	ND		0.00094
1,2-Dibromo-3-chloropropane	ND		0.0047
1,2,4-Trichlorobenzene	ND		0.00094
Hexachlorobutadiene	ND		0.0047
Naphthalene	0.10		0.00094
1,2,3-Trichlorobenzene	ND		0.00094

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	86	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-214-03
 Client ID: **WCMW-2@7**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0043
Chloromethane	ND		0.0043
Vinyl Chloride	ND		0.0043
Bromomethane	ND		0.00087
Chloroethane	ND		0.0043
Trichlorofluoromethane	ND		0.00087
1,1-Dichloroethene	ND		0.00087
Acetone	0.77	E	0.0043
Iodomethane	ND		0.0043
Carbon Disulfide	ND		0.00087
Methylene Chloride	ND		0.0043
(trans) 1,2-Dichloroethene	ND		0.00087
Methyl t-Butyl Ether	ND		0.00087
1,1-Dichloroethane	ND		0.00087
Vinyl Acetate	ND		0.0043
2,2-Dichloropropane	ND		0.00087
(cis) 1,2-Dichloroethene	ND		0.00087
2-Butanone	ND		0.0043
Bromochloromethane	ND		0.00087
Chloroform	ND		0.00087
1,1,1-Trichloroethane	ND		0.00087
Carbon Tetrachloride	ND		0.00087
1,1-Dichloropropene	ND		0.00087
Benzene	0.0095		0.00087
1,2-Dichloroethane	ND		0.00087
Trichloroethene	ND		0.00087
1,2-Dichloropropane	ND		0.00087
Dibromomethane	ND		0.00087
Bromodichloromethane	ND		0.00087
2-Chloroethyl Vinyl Ether	ND		0.0043
(cis) 1,3-Dichloropropene	ND		0.00087
Methyl Isobutyl Ketone	0.029		0.0043
Toluene	0.015		0.0043
(trans) 1,3-Dichloropropene	ND		0.00087

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-03
 Client ID: WCMW-2@7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00087
Tetrachloroethene	0.0047		0.00087
1,3-Dichloropropane	ND		0.00087
2-Hexanone	ND		0.0043
Dibromochloromethane	ND		0.00087
1,2-Dibromoethane	ND		0.00087
Chlorobenzene	ND		0.00087
1,1,1,2-Tetrachloroethane	ND		0.00087
Ethylbenzene	0.017		0.00087
m,p-Xylene	0.060		0.0017
o-Xylene	0.026		0.00087
Styrene	ND		0.00087
Bromoform	ND		0.00087
Isopropylbenzene	0.0026		0.00087
Bromobenzene	ND		0.00087
1,1,2,2-Tetrachloroethane	ND		0.00087
1,2,3-Trichloropropane	ND		0.00087
n-Propylbenzene	0.013		0.00087
2-Chlorotoluene	ND		0.00087
4-Chlorotoluene	ND		0.00087
1,3,5-Trimethylbenzene	0.023		0.00087
tert-Butylbenzene	ND		0.00087
1,2,4-Trimethylbenzene	0.090		0.00087
sec-Butylbenzene	0.0021		0.00087
1,3-Dichlorobenzene	ND		0.00087
p-Isopropyltoluene	0.0022		0.00087
1,4-Dichlorobenzene	ND		0.00087
1,2-Dichlorobenzene	ND		0.00087
n-Butylbenzene	ND		0.00087
1,2-Dibromo-3-chloropropane	ND		0.0043
1,2,4-Trichlorobenzene	ND		0.00087
Hexachlorobutadiene	ND		0.0043
Naphthalene	0.046		0.00087
1,2,3-Trichlorobenzene	ND		0.00087

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	82	70-118
Toluene-d8	73	70-121
4-Bromofluorobenzene	74	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 6-4-08
 Date Analyzed: 6-4&5-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-214-04
Client ID: WCMW-2@15

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.25
Chloromethane	ND		0.25
Vinyl Chloride	ND		0.25
Bromomethane	ND		0.051
Chloroethane	ND		0.25
Trichlorofluoromethane	ND		0.051
1,1-Dichloroethene	ND		0.051
Acetone	ND		0.25
Iodomethane	ND		0.25
Carbon Disulfide	ND		0.051
Methylene Chloride	ND		0.25
(trans) 1,2-Dichloroethene	ND		0.051
Methyl t-Butyl Ether	ND		0.051
1,1-Dichloroethane	ND		0.051
Vinyl Acetate	ND		0.25
2,2-Dichloropropane	ND		0.051
(cis) 1,2-Dichloroethene	ND		0.051
2-Butanone	ND		0.25
Bromochloromethane	ND		0.051
Chloroform	ND		0.051
1,1,1-Trichloroethane	ND		0.051
Carbon Tetrachloride	ND		0.051
1,1-Dichloropropene	ND		0.051
Benzene	0.19		0.051
1,2-Dichloroethane	ND		0.051
Trichloroethene	ND		0.051
1,2-Dichloropropane	ND		0.051
Dibromomethane	ND		0.051
Bromodichloromethane	ND		0.051
2-Chloroethyl Vinyl Ether	ND		0.25
(cis) 1,3-Dichloropropene	ND		0.051
Methyl Isobutyl Ketone	ND		0.25
Toluene	1.4		0.25
(trans) 1,3-Dichloropropene	ND		0.051

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-04
 Client ID: WCMW-2@15

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.051
Tetrachloroethene	ND		0.051
1,3-Dichloropropane	ND		0.051
2-Hexanone	ND		0.25
Dibromochloromethane	ND		0.051
1,2-Dibromoethane	ND		0.051
Chlorobenzene	ND		0.051
1,1,1,2-Tetrachloroethane	ND		0.051
Ethylbenzene	2.2		0.051
m,p-Xylene	5.0		0.10
o-Xylene	3.4		0.051
Styrene	ND		0.051
Bromoform	ND		0.051
Isopropylbenzene	0.42		0.051
Bromobenzene	ND		0.051
1,1,2,2-Tetrachloroethane	ND		0.051
1,2,3-Trichloropropane	ND		0.051
n-Propylbenzene	1.6		0.051
2-Chlorotoluene	ND		0.051
4-Chlorotoluene	ND		0.051
1,3,5-Trimethylbenzene	3.0		0.051
tert-Butylbenzene	ND		0.051
1,2,4-Trimethylbenzene	9.2		0.10
sec-Butylbenzene	0.33		0.051
1,3-Dichlorobenzene	ND		0.051
p-Isopropyltoluene	0.31		0.051
1,4-Dichlorobenzene	ND		0.051
1,2-Dichlorobenzene	ND		0.051
n-Butylbenzene	1.7		0.051
1,2-Dibromo-3-chloropropane	ND		0.25
1,2,4-Trichlorobenzene	ND		0.051
Hexachlorobutadiene	ND		0.25
Naphthalene	2.0		0.051
1,2,3-Trichlorobenzene	ND		0.051

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	70-118
Toluene-d8	88	70-121
4-Bromofluorobenzene	99	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-214-05
 Client ID: **WCMW-3@6**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0044
Chloromethane	ND		0.0044
Vinyl Chloride	ND		0.0044
Bromomethane	ND		0.00088
Chloroethane	ND		0.0044
Trichlorofluoromethane	ND		0.00088
1,1-Dichloroethene	ND		0.00088
Acetone	ND		0.0044
Iodomethane	ND		0.0044
Carbon Disulfide	ND		0.00088
Methylene Chloride	ND		0.0044
(trans) 1,2-Dichloroethene	ND		0.00088
Methyl t-Butyl Ether	ND		0.00088
1,1-Dichloroethane	ND		0.00088
Vinyl Acetate	ND		0.0044
2,2-Dichloropropane	ND		0.00088
(cis) 1,2-Dichloroethene	ND		0.00088
2-Butanone	ND		0.0044
Bromochloromethane	ND		0.00088
Chloroform	ND		0.00088
1,1,1-Trichloroethane	0.0018		0.00088
Carbon Tetrachloride	ND		0.00088
1,1-Dichloropropene	ND		0.00088
Benzene	ND		0.00088
1,2-Dichloroethane	ND		0.00088
Trichloroethene	ND		0.00088
1,2-Dichloropropane	ND		0.00088
Dibromomethane	ND		0.00088
Bromodichloromethane	ND		0.00088
2-Chloroethyl Vinyl Ether	ND		0.0044
(cis) 1,3-Dichloropropene	ND		0.00088
Methyl Isobutyl Ketone	ND		0.0044
Toluene	ND		0.0044
(trans) 1,3-Dichloropropene	ND		0.00088

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-05
 Client ID: WCMW-3@6

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00088
Tetrachloroethene	ND		0.00088
1,3-Dichloropropane	ND		0.00088
2-Hexanone	ND		0.0044
Dibromochloromethane	ND		0.00088
1,2-Dibromoethane	ND		0.00088
Chlorobenzene	ND		0.00088
1,1,1,2-Tetrachloroethane	ND		0.00088
Ethylbenzene	0.0017		0.00088
m,p-Xylene	0.0066		0.0018
o-Xylene	0.0021		0.00088
Styrene	ND		0.00088
Bromoform	ND		0.00088
Isopropylbenzene	ND		0.00088
Bromobenzene	ND		0.00088
1,1,2,2-Tetrachloroethane	ND		0.00088
1,2,3-Trichloropropane	ND		0.00088
n-Propylbenzene	0.0011		0.00088
2-Chlorotoluene	ND		0.00088
4-Chlorotoluene	ND		0.00088
1,3,5-Trimethylbenzene	0.0014		0.00088
tert-Butylbenzene	ND		0.00088
1,2,4-Trimethylbenzene	0.0045		0.00088
sec-Butylbenzene	ND		0.00088
1,3-Dichlorobenzene	ND		0.00088
p-Isopropyltoluene	ND		0.00088
1,4-Dichlorobenzene	ND		0.00088
1,2-Dichlorobenzene	ND		0.00088
n-Butylbenzene	ND		0.00088
1,2-Dibromo-3-chloropropane	ND		0.0044
1,2,4-Trichlorobenzene	ND		0.00088
Hexachlorobutadiene	ND		0.0044
Naphthalene	ND		0.00088
1,2,3-Trichlorobenzene	ND		0.00088

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	78	70-118
Toluene-d8	80	70-121
4-Bromofluorobenzene	84	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-214-06
Client ID: WCMW-3@15

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0036
Chloromethane	ND		0.0036
Vinyl Chloride	ND		0.0036
Bromomethane	ND		0.00072
Chloroethane	ND		0.0036
Trichlorofluoromethane	ND		0.00072
1,1-Dichloroethene	ND		0.00072
Acetone	ND		0.0036
Iodomethane	ND		0.0036
Carbon Disulfide	ND		0.00072
Methylene Chloride	ND		0.0036
(trans) 1,2-Dichloroethene	ND		0.00072
Methyl t-Butyl Ether	ND		0.00072
1,1-Dichloroethane	ND		0.00072
Vinyl Acetate	ND		0.0036
2,2-Dichloropropane	ND		0.00072
(cis) 1,2-Dichloroethene	ND		0.00072
2-Butanone	ND		0.0036
Bromochloromethane	ND		0.00072
Chloroform	ND		0.00072
1,1,1-Trichloroethane	ND		0.00072
Carbon Tetrachloride	ND		0.00072
1,1-Dichloropropene	ND		0.00072
Benzene	0.023		0.00072
1,2-Dichloroethane	ND		0.00072
Trichloroethene	ND		0.00072
1,2-Dichloropropane	ND		0.00072
Dibromomethane	ND		0.00072
Bromodichloromethane	ND		0.00072
2-Chloroethyl Vinyl Ether	ND		0.0036
(cis) 1,3-Dichloropropene	ND		0.00072
Methyl Isobutyl Ketone	ND		0.0036
Toluene	0.016		0.0036
(trans) 1,3-Dichloropropene	ND		0.00072

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-06
 Client ID: WCMW-3@15

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00072
Tetrachloroethene	ND		0.00072
1,3-Dichloropropane	ND		0.00072
2-Hexanone	ND		0.0036
Dibromochloromethane	ND		0.00072
1,2-Dibromoethane	ND		0.00072
Chlorobenzene	ND		0.00072
1,1,1,2-Tetrachloroethane	ND		0.00072
Ethylbenzene	0.012		0.00072
m,p-Xylene	0.034		0.0014
o-Xylene	0.031		0.00072
Styrene	ND		0.00072
Bromoform	ND		0.00072
Isopropylbenzene	0.0010		0.00072
Bromobenzene	ND		0.00072
1,1,2,2-Tetrachloroethane	ND		0.00072
1,2,3-Trichloropropane	ND		0.00072
n-Propylbenzene	0.0023		0.00072
2-Chlorotoluene	ND		0.00072
4-Chlorotoluene	ND		0.00072
1,3,5-Trimethylbenzene	0.0077		0.00072
tert-Butylbenzene	ND		0.00072
1,2,4-Trimethylbenzene	0.016		0.00072
sec-Butylbenzene	ND		0.00072
1,3-Dichlorobenzene	ND		0.00072
p-Isopropyltoluene	ND		0.00072
1,4-Dichlorobenzene	ND		0.00072
1,2-Dichlorobenzene	ND		0.00072
n-Butylbenzene	ND		0.00072
1,2-Dibromo-3-chloropropane	ND		0.0036
1,2,4-Trichlorobenzene	ND		0.00072
Hexachlorobutadiene	ND		0.0036
Naphthalene	0.031		0.00072
1,2,3-Trichlorobenzene	ND		0.00072

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	75	70-118
Toluene-d8	83	70-121
4-Bromofluorobenzene	87	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-214-07
 Client ID: **WCMW-6@6**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0054
Chloromethane	ND		0.0054
Vinyl Chloride	ND		0.0054
Bromomethane	ND		0.0011
Chloroethane	ND		0.0054
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	ND		0.0054
Iodomethane	ND		0.0054
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0054
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0054
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0054
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0054
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0054
Toluene	ND		0.0054
(trans) 1,3-Dichloropropene	ND		0.0011

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-07
 Client ID: WCMW-6@6

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0054
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	0.0017		0.0011
m,p-Xylene	0.0067		0.0021
o-Xylene	0.0020		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	0.0034		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0054
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0054
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	70-118
Toluene-d8	82	70-121
4-Bromofluorobenzene	87	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-30-08

Date Analyzed: 5-30-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-214-08

Client ID: WCMW-6@11.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0040
Chloromethane	ND		0.0040
Vinyl Chloride	ND		0.0040
Bromomethane	ND		0.00080
Chloroethane	ND		0.0040
Trichlorofluoromethane	ND		0.00080
1,1-Dichloroethene	ND		0.00080
Acetone	ND		0.0040
Iodomethane	ND		0.0040
Carbon Disulfide	ND		0.00080
Methylene Chloride	ND		0.0040
(trans) 1,2-Dichloroethene	ND		0.00080
Methyl t-Butyl Ether	ND		0.00080
1,1-Dichloroethane	ND		0.00080
Vinyl Acetate	ND		0.0040
2,2-Dichloropropane	ND		0.00080
(cis) 1,2-Dichloroethene	ND		0.00080
2-Butanone	ND		0.0040
Bromochloromethane	ND		0.00080
Chloroform	ND		0.00080
1,1,1-Trichloroethane	ND		0.00080
Carbon Tetrachloride	ND		0.00080
1,1-Dichloropropene	ND		0.00080
Benzene	ND		0.00080
1,2-Dichloroethane	ND		0.00080
Trichloroethene	ND		0.00080
1,2-Dichloropropane	ND		0.00080
Dibromomethane	ND		0.00080
Bromodichloromethane	ND		0.00080
2-Chloroethyl Vinyl Ether	ND		0.0040
(cis) 1,3-Dichloropropene	ND		0.00080
Methyl Isobutyl Ketone	ND		0.0040
Toluene	ND		0.0040
(trans) 1,3-Dichloropropene	ND		0.00080

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 05-214-08
 Client ID: WCMW-6@11.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00080
Tetrachloroethene	ND		0.00080
1,3-Dichloropropane	ND		0.00080
2-Hexanone	ND		0.0040
Dibromochloromethane	ND		0.00080
1,2-Dibromoethane	ND		0.00080
Chlorobenzene	ND		0.00080
1,1,1,2-Tetrachloroethane	ND		0.00080
Ethylbenzene	ND		0.00080
m,p-Xylene	0.0031		0.0016
o-Xylene	0.0010		0.00080
Styrene	ND		0.00080
Bromoform	ND		0.00080
Isopropylbenzene	ND		0.00080
Bromobenzene	ND		0.00080
1,1,2,2-Tetrachloroethane	ND		0.00080
1,2,3-Trichloropropane	ND		0.00080
n-Propylbenzene	ND		0.00080
2-Chlorotoluene	ND		0.00080
4-Chlorotoluene	ND		0.00080
1,3,5-Trimethylbenzene	ND		0.00080
tert-Butylbenzene	ND		0.00080
1,2,4-Trimethylbenzene	0.0023		0.00080
sec-Butylbenzene	ND		0.00080
1,3-Dichlorobenzene	ND		0.00080
p-Isopropyltoluene	ND		0.00080
1,4-Dichlorobenzene	ND		0.00080
1,2-Dichlorobenzene	ND		0.00080
n-Butylbenzene	ND		0.00080
1,2-Dibromo-3-chloropropane	ND		0.0040
1,2,4-Trichlorobenzene	ND		0.00080
Hexachlorobutadiene	ND		0.0040
Naphthalene	ND		0.00080
1,2,3-Trichlorobenzene	ND		0.00080

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	81	70-118
Toluene-d8	80	70-121
4-Bromofluorobenzene	88	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0530S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0530S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	70-118
Toluene-d8	82	70-121
4-Bromofluorobenzene	84	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 6-4-08
 Date Analyzed: 6-4-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0604S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0050
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0050
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0604S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	80	70-118
Toluene-d8	81	70-121
4-Bromofluorobenzene	87	70-130

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-30-08
 Date Analyzed: 5-30-08

 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0530S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.050	0.0461	92	0.0465	93	70-130	
Benzene	0.050	0.0463	93	0.0458	92	70-127	
Trichloroethene	0.050	0.0487	97	0.0485	97	73-117	
Toluene	0.050	0.0475	95	0.0458	92	78-115	
Chlorobenzene	0.050	0.0495	99	0.0482	96	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	10	
Benzene	1	11	
Trichloroethene	0	13	
Toluene	4	12	
Chlorobenzene	3	10	

Date of Report: June 6, 2008
 Samples Submitted: May 28, 2008
 Laboratory Reference: 0805-214
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 6-4-08
 Date Analyzed: 6-4-08

 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0604S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0485	97	0.0521	104	70-130	
Benzene	0.0500	0.0456	91	0.0477	95	70-127	
Trichloroethene	0.0500	0.0455	91	0.0484	97	73-117	
Toluene	0.0500	0.0474	95	0.0513	103	78-115	
Chlorobenzene	0.0500	0.0474	95	0.0489	98	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	10	
Benzene	5	11	
Trichloroethene	6	13	
Toluene	8	12	
Chlorobenzene	3	10	

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 5-29-08
Date Analyzed: 5-29-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
WCMW-1@5.5	05-214-01	7.3	7.1
WCMW-1@10.5	05-214-02	ND	7.5
WCMW-2@7	05-214-03	ND	7.5
WCMW-2@15	05-214-04	ND	6.3
WCMW-3@6	05-214-05	ND	6.9
WCMW-3@15	05-214-06	ND	6.0
WCMW-6@6	05-214-07	ND	7.8
WCMW-6@11.5	05-214-08	ND	6.7

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-29-08
Date Analyzed: 5-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0529S1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-29-08

Date Analyzed: 5-29-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-208-01

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	24.0	23.8	1		5.0

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 5-29-08
Date Analyzed: 5-29-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-208-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	262	95	262	95	0	

Date of Report: June 6, 2008
Samples Submitted: May 28, 2008
Laboratory Reference: 0805-214
Project: 51201.2

% MOISTURE

Date Analyzed: 5-29-08

Client ID	Lab ID	% Moisture
WCMW-1@5.5	05-214-01	30
WCMW-1@10.5	05-214-02	33
WCMW-2@7	05-214-03	33
WCMW-2@15	05-214-04	20
WCMW-3@6	05-214-05	28
WCMW-3@15	05-214-06	17
WCMW-6@6	05-214-07	36
WCMW-6@11.5	05-214-08	25



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 14, 2008

Dylan Galloway
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 51201.2
Laboratory Reference No. 0807-020

Dear Dylan:

Enclosed are the analytical results and associated quality control data for samples submitted on July 2, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DeB" followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

Case Narrative

Samples were collected on June 30 and July 1, 2008 and received by the laboratory on July 2, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

The chromatogram for sample WCMW-20 is not similar to a typical gas.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

NWTPH-Gx

Date Extracted: 7-7-08
 Date Analyzed: 7-7-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID: **WCMW-4@5.5**
 Lab ID: 07-020-01

WCMW-4@14.5
 07-020-02

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		5.8	ND		4.1
Surrogate Recovery: Fluorobenzene	70%			80%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-5@5**
Lab ID: 07-020-03

WCMW-5@14.5
07-020-04

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		8.3	ND		8.9
Surrogate Recovery: Fluorobenzene	71%			75%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID: **WCMW-10**
Lab ID: 07-020-05

WCMW-20
07-020-06

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		8.1	5.7	T	5.4
Surrogate Recovery: Fluorobenzene	67%			69%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	WCMW-30	WCMW-40
Lab ID:	07-020-07	07-020-08

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	ND		6.3	ND		4.7
Surrogate Recovery: Fluorobenzene	66%			79%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0707S1

	Result	Flags	PQL
TPH-Gas	ND		5.0
Surrogate Recovery: Fluorobenzene	88%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**NWTPH-Gx
DUPLICATE QUALITY CONTROL**

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID:	07-020-01 Original	07-020-01 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	70%	70%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-1**
Lab ID: 07-020-09

WCMW-2
07-020-10

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	7300		2000	66000		10000
Surrogate Recovery: Fluorobenzene	89%			90%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-3**
Lab ID: 07-020-11

WCMW-4
07-020-12

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	67000		10000	1700		100
Surrogate Recovery: Fluorobenzene	88%			112%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-5**
Lab ID: 07-020-13

WCMW-6
07-020-14

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	6700		1000	ND		100
Surrogate Recovery: Fluorobenzene	83%			106%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-50**
Lab ID: 07-020-15

WCMW-60
07-020-16

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	7300		1000	56000		1000
Surrogate Recovery: Fluorobenzene	85%			108%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-80**
Lab ID: 07-020-17

WCMW-70
07-020-18

	Result	Flags	PQL	Result	Flags	PQL
TPH-Gas	66000		5000	2000		400
Surrogate Recovery: Fluorobenzene	92%			78%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **WCMW-90**
Lab ID: 07-020-19

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	106%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0703W3

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	88%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0703W4

	Result	Flags	PQL
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	84%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	06-216-02 Original	06-216-02 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	107%	107%		

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Gx
DUPLICATE QUALITY CONTROL

Date Extracted: 7-3-08
Date Analyzed: 7-3-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	06-216-03 Original	06-216-03 Duplicate	RPD	Flags
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	108%	107%		

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
 Date Analyzed: 7-7-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	WCMW-4@5.5	WCMW-4@14.5	WCMW-5@5
Lab ID:	07-020-01	07-020-02	07-020-03
Diesel Range:	ND	ND	ND
PQL:	33	28	38
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	67	55	76
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	82%	105%	97%
Flags:	Y	Y	Y

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
 Date Analyzed: 7-7&8-08

Matrix: Soil
 Units: mg/kg (ppm)

Client ID:	WCMW-5@14.5	WCMW-10	WCMW-20
Lab ID:	07-020-04	07-020-05	07-020-06
Diesel Range:	ND	ND	ND
PQL:	29	39	33
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	57	78	66
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	90%	77%	88%
Flags:	Y	Y	Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	WCMW-30	WCMW-40
Lab ID:	07-020-07	07-020-08

Diesel Range:	ND	ND
PQL:	35	29
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	69	57
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	82%	96%

Flags:	Y	Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0707S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 88%

Flags: Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-7&8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 06-203-02 06-203-02 DUP

Diesel Range: **ND** **ND**
PQL: 27 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 84% 89%

Flags: Y Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Water
Units: mg/L (ppm)

Client ID:	WCMW-1	WCMW-2	WCMW-3
Lab ID:	07-020-09	07-020-10	07-020-11
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	94%	86%	128%
Flags:	Y	Y	Y

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
 Date Analyzed: 7-8-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	WCMW-4	WCMW-5	WCMW-6
Lab ID:	07-020-12	07-020-13	07-020-14
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	90%	84%	99%
Flags:	Y	Y	Y

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
 Date Analyzed: 7-8-08

Matrix: Water
 Units: mg/L (ppm)

Client ID:	WCMW-50	WCMW-60	WCMW-80
Lab ID:	07-020-15	07-020-16	07-020-17
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	107%	92%	102%
Flags:	Y	Y	Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Water
Units: mg/L (ppm)

Client ID:	WCMW-70	WCMW-90
Lab ID:	07-020-18	07-020-19

Diesel Range:	ND	ND
PQL:	0.25	0.25
Identification:	---	---

Lube Oil Range:	ND	ND
PQL:	0.40	0.40
Identification:	---	---

Surrogate Recovery		
o-Terphenyl:	100%	101%

Flags:	Y	Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-7-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0707W1

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 96%

Flags: Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 07-020-09 07-020-09 DUP

Diesel Range: **ND** **ND**
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 94% 87%

Flags: Y Y

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 07-020-17 07-020-17 DUP

Diesel Range: **ND** **ND**
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 102% 124%

Flags: Y Y

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 07-020-01
 Client ID: WCMW-4@5.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00081
Chloromethane	ND		0.0041
Vinyl Chloride	ND		0.00081
Bromomethane	ND		0.00081
Chloroethane	ND		0.0041
Trichlorofluoromethane	ND		0.00081
1,1-Dichloroethene	ND		0.00081
Acetone	0.089		0.0041
Iodomethane	ND		0.0041
Carbon Disulfide	ND		0.00081
Methylene Chloride	ND		0.0041
(trans) 1,2-Dichloroethene	ND		0.00081
Methyl t-Butyl Ether	ND		0.00081
1,1-Dichloroethane	ND		0.00081
Vinyl Acetate	ND		0.0041
2,2-Dichloropropane	ND		0.00081
(cis) 1,2-Dichloroethene	ND		0.00081
2-Butanone	ND		0.0041
Bromochloromethane	ND		0.00081
Chloroform	ND		0.00081
1,1,1-Trichloroethane	ND		0.00081
Carbon Tetrachloride	ND		0.00081
1,1-Dichloropropene	ND		0.00081
Benzene	ND		0.00081
1,2-Dichloroethane	ND		0.00081
Trichloroethene	ND		0.00081
1,2-Dichloropropane	ND		0.00081
Dibromomethane	ND		0.00081
Bromodichloromethane	ND		0.00081
2-Chloroethyl Vinyl Ether	ND		0.0041
(cis) 1,3-Dichloropropene	ND		0.00081
Methyl Isobutyl Ketone	ND		0.0041
Toluene	ND		0.0041
(trans) 1,3-Dichloropropene	ND		0.00081

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-01
 Client ID: WCMW-4@5.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00081
Tetrachloroethene	ND		0.00081
1,3-Dichloropropane	ND		0.00081
2-Hexanone	ND		0.0041
Dibromochloromethane	ND		0.00081
1,2-Dibromoethane	ND		0.00081
Chlorobenzene	ND		0.00081
1,1,1,2-Tetrachloroethane	ND		0.00081
Ethylbenzene	ND		0.00081
m,p-Xylene	ND		0.0016
o-Xylene	ND		0.00081
Styrene	ND		0.00081
Bromoform	ND		0.00081
Isopropylbenzene	ND		0.00081
Bromobenzene	ND		0.00081
1,1,2,2-Tetrachloroethane	ND		0.00081
1,2,3-Trichloropropane	ND		0.00081
n-Propylbenzene	ND		0.00081
2-Chlorotoluene	ND		0.00081
4-Chlorotoluene	ND		0.00081
1,3,5-Trimethylbenzene	ND		0.00081
tert-Butylbenzene	ND		0.00081
1,2,4-Trimethylbenzene	ND		0.00081
sec-Butylbenzene	ND		0.00081
1,3-Dichlorobenzene	ND		0.00081
p-Isopropyltoluene	ND		0.00081
1,4-Dichlorobenzene	ND		0.00081
1,2-Dichlorobenzene	ND		0.00081
n-Butylbenzene	ND		0.00081
1,2-Dibromo-3-chloropropane	ND		0.0041
1,2,4-Trichlorobenzene	ND		0.00081
Hexachlorobutadiene	ND		0.0041
Naphthalene	ND		0.00081
1,2,3-Trichlorobenzene	ND		0.00081

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	70-118
Toluene-d8	87	70-121
4-Bromofluorobenzene	103	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-10-08
 Date Analyzed: 7-10-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 07-020-02
 Client ID: WCMW-4@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00075
Chloromethane	ND		0.0037
Vinyl Chloride	ND		0.00075
Bromomethane	ND		0.00075
Chloroethane	ND		0.0037
Trichlorofluoromethane	ND		0.00075
1,1-Dichloroethene	ND		0.00075
Acetone	ND		0.0037
Iodomethane	ND		0.0037
Carbon Disulfide	ND		0.00075
Methylene Chloride	ND		0.0037
(trans) 1,2-Dichloroethene	ND		0.00075
Methyl t-Butyl Ether	ND		0.00075
1,1-Dichloroethane	ND		0.00075
Vinyl Acetate	ND		0.0037
2,2-Dichloropropane	ND		0.00075
(cis) 1,2-Dichloroethene	ND		0.00075
2-Butanone	ND		0.0037
Bromochloromethane	ND		0.00075
Chloroform	ND		0.00075
1,1,1-Trichloroethane	ND		0.00075
Carbon Tetrachloride	ND		0.00075
1,1-Dichloropropene	ND		0.00075
Benzene	0.0014		0.00075
1,2-Dichloroethane	ND		0.00075
Trichloroethene	ND		0.00075
1,2-Dichloropropane	ND		0.00075
Dibromomethane	ND		0.00075
Bromodichloromethane	ND		0.00075
2-Chloroethyl Vinyl Ether	ND		0.0037
(cis) 1,3-Dichloropropene	ND		0.00075
Methyl Isobutyl Ketone	ND		0.0037
Toluene	0.0071		0.0037
(trans) 1,3-Dichloropropene	ND		0.00075

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-02
 Client ID: WCMW-4@14.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00075
Tetrachloroethene	ND		0.00075
1,3-Dichloropropane	ND		0.00075
2-Hexanone	ND		0.0037
Dibromochloromethane	ND		0.00075
1,2-Dibromoethane	ND		0.00075
Chlorobenzene	ND		0.00075
1,1,1,2-Tetrachloroethane	ND		0.00075
Ethylbenzene	0.0029		0.00075
m,p-Xylene	0.011		0.0015
o-Xylene	0.0039		0.00075
Styrene	ND		0.00075
Bromoform	ND		0.00075
Isopropylbenzene	ND		0.00075
Bromobenzene	ND		0.00075
1,1,2,2-Tetrachloroethane	ND		0.00075
1,2,3-Trichloropropane	ND		0.00075
n-Propylbenzene	0.0012		0.00075
2-Chlorotoluene	ND		0.00075
4-Chlorotoluene	ND		0.00075
1,3,5-Trimethylbenzene	0.0021		0.00075
tert-Butylbenzene	ND		0.00075
1,2,4-Trimethylbenzene	0.0066		0.00075
sec-Butylbenzene	ND		0.00075
1,3-Dichlorobenzene	ND		0.00075
p-Isopropyltoluene	ND		0.00075
1,4-Dichlorobenzene	ND		0.00075
1,2-Dichlorobenzene	ND		0.00075
n-Butylbenzene	ND		0.00075
1,2-Dibromo-3-chloropropane	ND		0.0037
1,2,4-Trichlorobenzene	ND		0.00075
Hexachlorobutadiene	ND		0.0037
Naphthalene	0.0017		0.00075
1,2,3-Trichlorobenzene	ND		0.00075

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	70-118
Toluene-d8	82	70-121
4-Bromofluorobenzene	79	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 07-020-03
 Client ID: WCMW-5@5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00093
Chloromethane	ND		0.0047
Vinyl Chloride	ND		0.00093
Bromomethane	ND		0.00093
Chloroethane	ND		0.0047
Trichlorofluoromethane	ND		0.00093
1,1-Dichloroethene	ND		0.00093
Acetone	ND		0.0047
Iodomethane	ND		0.0047
Carbon Disulfide	ND		0.00093
Methylene Chloride	ND		0.0047
(trans) 1,2-Dichloroethene	ND		0.00093
Methyl t-Butyl Ether	ND		0.00093
1,1-Dichloroethane	ND		0.00093
Vinyl Acetate	ND		0.0047
2,2-Dichloropropane	ND		0.00093
(cis) 1,2-Dichloroethene	ND		0.00093
2-Butanone	ND		0.0047
Bromochloromethane	ND		0.00093
Chloroform	ND		0.00093
1,1,1-Trichloroethane	ND		0.00093
Carbon Tetrachloride	ND		0.00093
1,1-Dichloropropene	ND		0.00093
Benzene	ND		0.00093
1,2-Dichloroethane	ND		0.00093
Trichloroethene	ND		0.00093
1,2-Dichloropropane	ND		0.00093
Dibromomethane	ND		0.00093
Bromodichloromethane	ND		0.00093
2-Chloroethyl Vinyl Ether	ND		0.0047
(cis) 1,3-Dichloropropene	ND		0.00093
Methyl Isobutyl Ketone	ND		0.0047
Toluene	ND		0.0047
(trans) 1,3-Dichloropropene	ND		0.00093

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-03
 Client ID: WCMW-5@5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00093
Tetrachloroethene	ND		0.00093
1,3-Dichloropropane	ND		0.00093
2-Hexanone	ND		0.0047
Dibromochloromethane	ND		0.00093
1,2-Dibromoethane	ND		0.00093
Chlorobenzene	ND		0.00093
1,1,1,2-Tetrachloroethane	ND		0.00093
Ethylbenzene	ND		0.00093
m,p-Xylene	ND		0.0019
o-Xylene	ND		0.00093
Styrene	ND		0.00093
Bromoform	ND		0.00093
Isopropylbenzene	ND		0.00093
Bromobenzene	ND		0.00093
1,1,2,2-Tetrachloroethane	ND		0.00093
1,2,3-Trichloropropane	ND		0.00093
n-Propylbenzene	ND		0.00093
2-Chlorotoluene	ND		0.00093
4-Chlorotoluene	ND		0.00093
1,3,5-Trimethylbenzene	ND		0.00093
tert-Butylbenzene	ND		0.00093
1,2,4-Trimethylbenzene	ND		0.00093
sec-Butylbenzene	ND		0.00093
1,3-Dichlorobenzene	ND		0.00093
p-Isopropyltoluene	ND		0.00093
1,4-Dichlorobenzene	ND		0.00093
1,2-Dichlorobenzene	ND		0.00093
n-Butylbenzene	ND		0.00093
1,2-Dibromo-3-chloropropane	ND		0.0047
1,2,4-Trichlorobenzene	ND		0.00093
Hexachlorobutadiene	ND		0.0047
Naphthalene	ND		0.00093
1,2,3-Trichlorobenzene	ND		0.00093

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	70-118
Toluene-d8	89	70-121
4-Bromofluorobenzene	96	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 07-020-04
Client ID: WCMW-5@14.5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00073
Chloromethane	ND		0.0037
Vinyl Chloride	ND		0.00073
Bromomethane	ND		0.00073
Chloroethane	ND		0.0037
Trichlorofluoromethane	ND		0.00073
1,1-Dichloroethene	ND		0.00073
Acetone	0.025		0.0037
Iodomethane	ND		0.0037
Carbon Disulfide	ND		0.00073
Methylene Chloride	ND		0.0037
(trans) 1,2-Dichloroethene	ND		0.00073
Methyl t-Butyl Ether	ND		0.00073
1,1-Dichloroethane	ND		0.00073
Vinyl Acetate	ND		0.0037
2,2-Dichloropropane	ND		0.00073
(cis) 1,2-Dichloroethene	ND		0.00073
2-Butanone	ND		0.0037
Bromochloromethane	ND		0.00073
Chloroform	ND		0.00073
1,1,1-Trichloroethane	ND		0.00073
Carbon Tetrachloride	ND		0.00073
1,1-Dichloropropene	ND		0.00073
Benzene	0.0018		0.00073
1,2-Dichloroethane	ND		0.00073
Trichloroethene	ND		0.00073
1,2-Dichloropropane	ND		0.00073
Dibromomethane	ND		0.00073
Bromodichloromethane	ND		0.00073
2-Chloroethyl Vinyl Ether	ND		0.0037
(cis) 1,3-Dichloropropene	ND		0.00073
Methyl Isobutyl Ketone	ND		0.0037
Toluene	ND		0.0037
(trans) 1,3-Dichloropropene	ND		0.00073

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-04
 Client ID: WCMW-5@14.5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00073
Tetrachloroethene	ND		0.00073
1,3-Dichloropropane	ND		0.00073
2-Hexanone	ND		0.0037
Dibromochloromethane	ND		0.00073
1,2-Dibromoethane	ND		0.00073
Chlorobenzene	ND		0.00073
1,1,1,2-Tetrachloroethane	ND		0.00073
Ethylbenzene	0.0038		0.00073
m,p-Xylene	0.0075		0.0015
o-Xylene	0.0019		0.00073
Styrene	ND		0.00073
Bromoform	ND		0.00073
Isopropylbenzene	ND		0.00073
Bromobenzene	ND		0.00073
1,1,2,2-Tetrachloroethane	ND		0.00073
1,2,3-Trichloropropane	ND		0.00073
n-Propylbenzene	0.0021		0.00073
2-Chlorotoluene	ND		0.00073
4-Chlorotoluene	ND		0.00073
1,3,5-Trimethylbenzene	0.0011		0.00073
tert-Butylbenzene	ND		0.00073
1,2,4-Trimethylbenzene	0.0094		0.00073
sec-Butylbenzene	ND		0.00073
1,3-Dichlorobenzene	ND		0.00073
p-Isopropyltoluene	ND		0.00073
1,4-Dichlorobenzene	ND		0.00073
1,2-Dichlorobenzene	ND		0.00073
n-Butylbenzene	ND		0.00073
1,2-Dibromo-3-chloropropane	ND		0.0037
1,2,4-Trichlorobenzene	ND		0.00073
Hexachlorobutadiene	ND		0.0037
Naphthalene	0.0062		0.00073
1,2,3-Trichlorobenzene	ND		0.00073

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	70-118
Toluene-d8	91	70-121
4-Bromofluorobenzene	106	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08

Date Analyzed: 7-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 07-020-05

Client ID: WCMW-10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0052
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0052
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0052
Iodomethane	ND		0.0052
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0052
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0052
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0052
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0052
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0052
Toluene	ND		0.0052
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-05
 Client ID: WCMW-10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0052
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0021
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0052
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0052
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	70-118
Toluene-d8	94	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08

Date Analyzed: 7-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 07-020-06

Client ID: WCMW-20

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00080
Chloromethane	ND		0.0040
Vinyl Chloride	ND		0.00080
Bromomethane	ND		0.00080
Chloroethane	ND		0.0040
Trichlorofluoromethane	ND		0.00080
1,1-Dichloroethene	ND		0.00080
Acetone	0.036		0.0040
Iodomethane	ND		0.0040
Carbon Disulfide	ND		0.00080
Methylene Chloride	ND		0.0040
(trans) 1,2-Dichloroethene	ND		0.00080
Methyl t-Butyl Ether	ND		0.00080
1,1-Dichloroethane	ND		0.00080
Vinyl Acetate	ND		0.0040
2,2-Dichloropropane	ND		0.00080
(cis) 1,2-Dichloroethene	ND		0.00080
2-Butanone	ND		0.0040
Bromochloromethane	ND		0.00080
Chloroform	ND		0.00080
1,1,1-Trichloroethane	ND		0.00080
Carbon Tetrachloride	ND		0.00080
1,1-Dichloropropene	ND		0.00080
Benzene	0.0024		0.00080
1,2-Dichloroethane	ND		0.00080
Trichloroethene	ND		0.00080
1,2-Dichloropropane	ND		0.00080
Dibromomethane	ND		0.00080
Bromodichloromethane	ND		0.00080
2-Chloroethyl Vinyl Ether	ND		0.0040
(cis) 1,3-Dichloropropene	ND		0.00080
Methyl Isobutyl Ketone	ND		0.0040
Toluene	ND		0.0040
(trans) 1,3-Dichloropropene	ND		0.00080

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-06
 Client ID: WCMW-20

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00080
Tetrachloroethene	ND		0.00080
1,3-Dichloropropane	ND		0.00080
2-Hexanone	ND		0.0040
Dibromochloromethane	ND		0.00080
1,2-Dibromoethane	ND		0.00080
Chlorobenzene	ND		0.00080
1,1,1,2-Tetrachloroethane	ND		0.00080
Ethylbenzene	0.0053		0.00080
m,p-Xylene	0.011		0.0016
o-Xylene	0.0033		0.00080
Styrene	ND		0.00080
Bromoform	ND		0.00080
Isopropylbenzene	ND		0.00080
Bromobenzene	ND		0.00080
1,1,2,2-Tetrachloroethane	ND		0.00080
1,2,3-Trichloropropane	ND		0.00080
n-Propylbenzene	0.0025		0.00080
2-Chlorotoluene	ND		0.00080
4-Chlorotoluene	ND		0.00080
1,3,5-Trimethylbenzene	0.0016		0.00080
tert-Butylbenzene	ND		0.00080
1,2,4-Trimethylbenzene	0.011		0.00080
sec-Butylbenzene	ND		0.00080
1,3-Dichlorobenzene	ND		0.00080
p-Isopropyltoluene	ND		0.00080
1,4-Dichlorobenzene	ND		0.00080
1,2-Dichlorobenzene	ND		0.00080
n-Butylbenzene	ND		0.00080
1,2-Dibromo-3-chloropropane	ND		0.0040
1,2,4-Trichlorobenzene	ND		0.00080
Hexachlorobutadiene	ND		0.0040
Naphthalene	0.0071		0.00080
1,2,3-Trichlorobenzene	ND		0.00080

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	70-118
Toluene-d8	91	70-121
4-Bromofluorobenzene	101	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08

Date Analyzed: 7-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 07-020-07

Client ID: WCMW-30

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00082
Chloromethane	ND		0.0041
Vinyl Chloride	ND		0.00082
Bromomethane	ND		0.00082
Chloroethane	ND		0.0041
Trichlorofluoromethane	ND		0.00082
1,1-Dichloroethene	ND		0.00082
Acetone	0.057		0.0041
Iodomethane	ND		0.0041
Carbon Disulfide	ND		0.00082
Methylene Chloride	ND		0.0041
(trans) 1,2-Dichloroethene	ND		0.00082
Methyl t-Butyl Ether	ND		0.00082
1,1-Dichloroethane	ND		0.00082
Vinyl Acetate	ND		0.0041
2,2-Dichloropropane	ND		0.00082
(cis) 1,2-Dichloroethene	ND		0.00082
2-Butanone	ND		0.0041
Bromochloromethane	ND		0.00082
Chloroform	ND		0.00082
1,1,1-Trichloroethane	ND		0.00082
Carbon Tetrachloride	ND		0.00082
1,1-Dichloropropene	ND		0.00082
Benzene	ND		0.00082
1,2-Dichloroethane	ND		0.00082
Trichloroethene	ND		0.00082
1,2-Dichloropropane	ND		0.00082
Dibromomethane	ND		0.00082
Bromodichloromethane	ND		0.00082
2-Chloroethyl Vinyl Ether	ND		0.0041
(cis) 1,3-Dichloropropene	ND		0.00082
Methyl Isobutyl Ketone	ND		0.0041
Toluene	ND		0.0041
(trans) 1,3-Dichloropropene	ND		0.00082

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-07
 Client ID: WCMW-30

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00082
Tetrachloroethene	ND		0.00082
1,3-Dichloropropane	ND		0.00082
2-Hexanone	ND		0.0041
Dibromochloromethane	ND		0.00082
1,2-Dibromoethane	ND		0.00082
Chlorobenzene	ND		0.00082
1,1,1,2-Tetrachloroethane	ND		0.00082
Ethylbenzene	ND		0.00082
m,p-Xylene	ND		0.0016
o-Xylene	ND		0.00082
Styrene	ND		0.00082
Bromoform	ND		0.00082
Isopropylbenzene	ND		0.00082
Bromobenzene	ND		0.00082
1,1,2,2-Tetrachloroethane	ND		0.00082
1,2,3-Trichloropropane	ND		0.00082
n-Propylbenzene	ND		0.00082
2-Chlorotoluene	ND		0.00082
4-Chlorotoluene	ND		0.00082
1,3,5-Trimethylbenzene	ND		0.00082
tert-Butylbenzene	ND		0.00082
1,2,4-Trimethylbenzene	ND		0.00082
sec-Butylbenzene	ND		0.00082
1,3-Dichlorobenzene	ND		0.00082
p-Isopropyltoluene	ND		0.00082
1,4-Dichlorobenzene	ND		0.00082
1,2-Dichlorobenzene	ND		0.00082
n-Butylbenzene	ND		0.00082
1,2-Dibromo-3-chloropropane	ND		0.0041
1,2,4-Trichlorobenzene	ND		0.00082
Hexachlorobutadiene	ND		0.0041
Naphthalene	ND		0.00082
1,2,3-Trichlorobenzene	ND		0.00082

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	94	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-10-08

Date Analyzed: 7-10-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 07-020-08

Client ID: WCMW-40

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.00081
Chloromethane	ND		0.0040
Vinyl Chloride	ND		0.00081
Bromomethane	ND		0.00081
Chloroethane	ND		0.0040
Trichlorofluoromethane	ND		0.00081
1,1-Dichloroethene	ND		0.00081
Acetone	ND		0.0040
Iodomethane	ND		0.0040
Carbon Disulfide	ND		0.00081
Methylene Chloride	ND		0.0040
(trans) 1,2-Dichloroethene	ND		0.00081
Methyl t-Butyl Ether	ND		0.00081
1,1-Dichloroethane	ND		0.00081
Vinyl Acetate	ND		0.0040
2,2-Dichloropropane	ND		0.00081
(cis) 1,2-Dichloroethene	ND		0.00081
2-Butanone	ND		0.0040
Bromochloromethane	ND		0.00081
Chloroform	ND		0.00081
1,1,1-Trichloroethane	ND		0.00081
Carbon Tetrachloride	ND		0.00081
1,1-Dichloropropene	ND		0.00081
Benzene	0.0028		0.00081
1,2-Dichloroethane	ND		0.00081
Trichloroethene	ND		0.00081
1,2-Dichloropropane	ND		0.00081
Dibromomethane	ND		0.00081
Bromodichloromethane	ND		0.00081
2-Chloroethyl Vinyl Ether	ND		0.0040
(cis) 1,3-Dichloropropene	ND		0.00081
Methyl Isobutyl Ketone	ND		0.0040
Toluene	0.021		0.0040
(trans) 1,3-Dichloropropene	ND		0.00081

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-08
 Client ID: WCMW-40

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.00081
Tetrachloroethene	0.0011		0.00081
1,3-Dichloropropane	ND		0.00081
2-Hexanone	ND		0.0040
Dibromochloromethane	ND		0.00081
1,2-Dibromoethane	ND		0.00081
Chlorobenzene	ND		0.00081
1,1,1,2-Tetrachloroethane	ND		0.00081
Ethylbenzene	0.0089		0.00081
m,p-Xylene	0.034		0.0016
o-Xylene	0.013		0.00081
Styrene	ND		0.00081
Bromoform	ND		0.00081
Isopropylbenzene	ND		0.00081
Bromobenzene	ND		0.00081
1,1,2,2-Tetrachloroethane	ND		0.00081
1,2,3-Trichloropropane	ND		0.00081
n-Propylbenzene	0.0035		0.00081
2-Chlorotoluene	ND		0.00081
4-Chlorotoluene	ND		0.00081
1,3,5-Trimethylbenzene	0.0059		0.00081
tert-Butylbenzene	ND		0.00081
1,2,4-Trimethylbenzene	0.018		0.00081
sec-Butylbenzene	ND		0.00081
1,3-Dichlorobenzene	ND		0.00081
p-Isopropyltoluene	ND		0.00081
1,4-Dichlorobenzene	ND		0.00081
1,2-Dichlorobenzene	ND		0.00081
n-Butylbenzene	ND		0.00081
1,2-Dibromo-3-chloropropane	ND		0.0040
1,2,4-Trichlorobenzene	ND		0.00081
Hexachlorobutadiene	ND		0.0040
Naphthalene	0.0070		0.00081
1,2,3-Trichlorobenzene	ND		0.00081

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	88	70-118
Toluene-d8	86	70-121
4-Bromofluorobenzene	79	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0708S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0708S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	90	70-118
Toluene-d8	95	70-121
4-Bromofluorobenzene	100	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 7-10-08
 Date Analyzed: 7-10-08

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0710S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0710S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	70-118
Toluene-d8	81	70-121
4-Bromofluorobenzene	77	70-130

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0708S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0647	129	0.0637	127	70-130	
Benzene	0.0500	0.0486	97	0.0450	90	70-127	
Trichloroethene	0.0500	0.0513	103	0.0495	99	73-117	
Toluene	0.0500	0.0493	99	0.0494	99	78-115	
Chlorobenzene	0.0500	0.0526	105	0.0514	103	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	10	
Benzene	8	11	
Trichloroethene	3	13	
Toluene	0	12	
Chlorobenzene	2	10	

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-10-08

Date Analyzed: 7-10-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: SB0710S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0483	97	0.0500	100	70-130	
Benzene	0.0500	0.0485	97	0.0507	101	70-127	
Trichloroethene	0.0500	0.0440	88	0.0447	89	73-117	
Toluene	0.0500	0.0442	88	0.0459	92	78-115	
Chlorobenzene	0.0500	0.0438	88	0.0455	91	80-117	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	10	
Benzene	5	11	
Trichloroethene	2	13	
Toluene	4	12	
Chlorobenzene	4	10	

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-09

Client ID: WCMW-1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		10
Chloromethane	ND		50
Vinyl Chloride	ND		10
Bromomethane	ND		10
Chloroethane	ND		50
Trichlorofluoromethane	ND		10
1,1-Dichloroethene	ND		10
Acetone	ND		250
Iodomethane	ND		50
Carbon Disulfide	ND		10
Methylene Chloride	ND		50
(trans) 1,2-Dichloroethene	ND		10
Methyl t-Butyl Ether	ND		10
1,1-Dichloroethane	ND		10
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		10
(cis) 1,2-Dichloroethene	ND		10
2-Butanone	ND		250
Bromochloromethane	ND		10
Chloroform	ND		10
1,1,1-Trichloroethane	ND		10
Carbon Tetrachloride	ND		10
1,1-Dichloropropene	ND		10
Benzene	89		10
1,2-Dichloroethane	ND		10
Trichloroethene	ND		10
1,2-Dichloropropane	ND		10
Dibromomethane	ND		10
Bromodichloromethane	ND		10
2-Chloroethyl Vinyl Ether	ND		50
(cis) 1,3-Dichloropropene	ND		10
Methyl Isobutyl Ketone	ND		100
Toluene	260		50
(trans) 1,3-Dichloropropene	ND		10

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-09
 Client ID: WCMW-1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		10
Tetrachloroethene	26		10
1,3-Dichloropropane	ND		10
2-Hexanone	ND		100
Dibromochloromethane	ND		10
1,2-Dibromoethane	ND		10
Chlorobenzene	ND		10
1,1,1,2-Tetrachloroethane	ND		10
Ethylbenzene	190		10
m,p-Xylene	800		20
o-Xylene	300		10
Styrene	ND		10
Bromoform	ND		50
Isopropylbenzene	25		10
Bromobenzene	ND		10
1,1,2,2-Tetrachloroethane	ND		10
1,2,3-Trichloropropane	ND		10
n-Propylbenzene	60		10
2-Chlorotoluene	ND		10
4-Chlorotoluene	ND		10
1,3,5-Trimethylbenzene	130		10
tert-Butylbenzene	ND		10
1,2,4-Trimethylbenzene	510		10
sec-Butylbenzene	ND		10
1,3-Dichlorobenzene	ND		10
p-Isopropyltoluene	ND		10
1,4-Dichlorobenzene	ND		10
1,2-Dichlorobenzene	ND		10
n-Butylbenzene	ND		10
1,2-Dibromo-3-chloropropane	ND		50
1,2,4-Trichlorobenzene	ND		10
Hexachlorobutadiene	ND		10
Naphthalene	210		50
1,2,3-Trichlorobenzene	ND		10

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	71-126
Toluene-d8	104	76-116
4-Bromofluorobenzene	106	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-10

Client ID: WCMW-2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		40
Chloromethane	ND		200
Vinyl Chloride	ND		40
Bromomethane	ND		40
Chloroethane	ND		200
Trichlorofluoromethane	ND		40
1,1-Dichloroethene	ND		40
Acetone	ND		1000
Iodomethane	ND		200
Carbon Disulfide	ND		40
Methylene Chloride	ND		200
(trans) 1,2-Dichloroethene	ND		40
Methyl t-Butyl Ether	ND		40
1,1-Dichloroethane	ND		40
Vinyl Acetate	ND		400
2,2-Dichloropropane	ND		40
(cis) 1,2-Dichloroethene	ND		40
2-Butanone	ND		1000
Bromochloromethane	ND		40
Chloroform	ND		40
1,1,1-Trichloroethane	ND		40
Carbon Tetrachloride	ND		40
1,1-Dichloropropene	ND		40
Benzene	1400		40
1,2-Dichloroethane	ND		40
Trichloroethene	ND		40
1,2-Dichloropropane	ND		40
Dibromomethane	ND		40
Bromodichloromethane	ND		40
2-Chloroethyl Vinyl Ether	ND		200
(cis) 1,3-Dichloropropene	ND		40
Methyl Isobutyl Ketone	ND		400
Toluene	7700		200
(trans) 1,3-Dichloropropene	ND		40

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-10
 Client ID: WCMW-2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		40
Tetrachloroethene	ND		40
1,3-Dichloropropane	ND		40
2-Hexanone	ND		400
Dibromochloromethane	ND		40
1,2-Dibromoethane	ND		40
Chlorobenzene	ND		40
1,1,1,2-Tetrachloroethane	ND		40
Ethylbenzene	1900		40
m,p-Xylene	6700		80
o-Xylene	3100		40
Styrene	ND		40
Bromoform	ND		200
Isopropylbenzene	75		40
Bromobenzene	ND		40
1,1,2,2-Tetrachloroethane	ND		40
1,2,3-Trichloropropane	ND		40
n-Propylbenzene	170		40
2-Chlorotoluene	ND		40
4-Chlorotoluene	ND		40
1,3,5-Trimethylbenzene	320		40
tert-Butylbenzene	ND		40
1,2,4-Trimethylbenzene	1400		40
sec-Butylbenzene	ND		40
1,3-Dichlorobenzene	ND		40
p-Isopropyltoluene	ND		40
1,4-Dichlorobenzene	ND		40
1,2-Dichlorobenzene	ND		40
n-Butylbenzene	ND		40
1,2-Dibromo-3-chloropropane	ND		200
1,2,4-Trichlorobenzene	ND		40
Hexachlorobutadiene	ND		40
Naphthalene	730		200
1,2,3-Trichlorobenzene	ND		40

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	109	71-126
Toluene-d8	106	76-116
4-Bromofluorobenzene	109	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-11

Client ID: WCMW-3

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		40
Chloromethane	ND		200
Vinyl Chloride	ND		40
Bromomethane	ND		40
Chloroethane	ND		200
Trichlorofluoromethane	ND		40
1,1-Dichloroethene	ND		40
Acetone	ND		1000
Iodomethane	ND		200
Carbon Disulfide	ND		40
Methylene Chloride	ND		200
(trans) 1,2-Dichloroethene	ND		40
Methyl t-Butyl Ether	ND		40
1,1-Dichloroethane	ND		40
Vinyl Acetate	ND		400
2,2-Dichloropropane	ND		40
(cis) 1,2-Dichloroethene	ND		40
2-Butanone	ND		1000
Bromochloromethane	ND		40
Chloroform	ND		40
1,1,1-Trichloroethane	ND		40
Carbon Tetrachloride	ND		40
1,1-Dichloropropene	ND		40
Benzene	1600		40
1,2-Dichloroethane	ND		40
Trichloroethene	ND		40
1,2-Dichloropropane	ND		40
Dibromomethane	ND		40
Bromodichloromethane	ND		40
2-Chloroethyl Vinyl Ether	ND		200
(cis) 1,3-Dichloropropene	ND		40
Methyl Isobutyl Ketone	ND		400
Toluene	7400		200
(trans) 1,3-Dichloropropene	ND		40

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-11
 Client ID: WCMW-3

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		40
Tetrachloroethene	ND		40
1,3-Dichloropropane	ND		40
2-Hexanone	ND		400
Dibromochloromethane	ND		40
1,2-Dibromoethane	ND		40
Chlorobenzene	ND		40
1,1,1,2-Tetrachloroethane	ND		40
Ethylbenzene	2100		40
m,p-Xylene	7600		80
o-Xylene	3300		40
Styrene	ND		40
Bromoform	ND		200
Isopropylbenzene	100		40
Bromobenzene	ND		40
1,1,2,2-Tetrachloroethane	ND		40
1,2,3-Trichloropropane	ND		40
n-Propylbenzene	230		40
2-Chlorotoluene	ND		40
4-Chlorotoluene	ND		40
1,3,5-Trimethylbenzene	470		40
tert-Butylbenzene	ND		40
1,2,4-Trimethylbenzene	2000		40
sec-Butylbenzene	ND		40
1,3-Dichlorobenzene	ND		40
p-Isopropyltoluene	ND		40
1,4-Dichlorobenzene	ND		40
1,2-Dichlorobenzene	ND		40
n-Butylbenzene	45		40
1,2-Dibromo-3-chloropropane	ND		200
1,2,4-Trichlorobenzene	ND		40
Hexachlorobutadiene	ND		40
Naphthalene	1100		200
1,2,3-Trichlorobenzene	ND		40

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	106	76-116
4-Bromofluorobenzene	109	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-12

Client ID: WCMW-4

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		2.0
Chloromethane	ND		10
Vinyl Chloride	ND		2.0
Bromomethane	ND		2.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		2.0
1,1-Dichloroethene	ND		2.0
Acetone	ND		50
Iodomethane	ND		10
Carbon Disulfide	ND		2.0
Methylene Chloride	ND		10
(trans) 1,2-Dichloroethene	ND		2.0
Methyl t-Butyl Ether	ND		2.0
1,1-Dichloroethane	ND		2.0
Vinyl Acetate	ND		20
2,2-Dichloropropane	ND		2.0
(cis) 1,2-Dichloroethene	ND		2.0
2-Butanone	ND		50
Bromochloromethane	ND		2.0
Chloroform	ND		2.0
1,1,1-Trichloroethane	ND		2.0
Carbon Tetrachloride	ND		2.0
1,1-Dichloropropene	ND		2.0
Benzene	3.3		2.0
1,2-Dichloroethane	ND		2.0
Trichloroethene	ND		2.0
1,2-Dichloropropane	ND		2.0
Dibromomethane	ND		2.0
Bromodichloromethane	ND		2.0
2-Chloroethyl Vinyl Ether	ND		10
(cis) 1,3-Dichloropropene	ND		2.0
Methyl Isobutyl Ketone	ND		20
Toluene	58		10
(trans) 1,3-Dichloropropene	ND		2.0

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-12
 Client ID: WCMW-4

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		2.0
Tetrachloroethene	ND		2.0
1,3-Dichloropropane	ND		2.0
2-Hexanone	ND		20
Dibromochloromethane	ND		2.0
1,2-Dibromoethane	ND		2.0
Chlorobenzene	ND		2.0
1,1,1,2-Tetrachloroethane	ND		2.0
Ethylbenzene	45		2.0
m,p-Xylene	170		4.0
o-Xylene	66		2.0
Styrene	ND		2.0
Bromoform	ND		10
Isopropylbenzene	4.6		2.0
Bromobenzene	ND		2.0
1,1,2,2-Tetrachloroethane	ND		2.0
1,2,3-Trichloropropane	ND		2.0
n-Propylbenzene	11		2.0
2-Chlorotoluene	ND		2.0
4-Chlorotoluene	ND		2.0
1,3,5-Trimethylbenzene	20		2.0
tert-Butylbenzene	ND		2.0
1,2,4-Trimethylbenzene	74		2.0
sec-Butylbenzene	ND		2.0
1,3-Dichlorobenzene	ND		2.0
p-Isopropyltoluene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
1,2-Dichlorobenzene	ND		2.0
n-Butylbenzene	ND		2.0
1,2-Dibromo-3-chloropropane	ND		10
1,2,4-Trichlorobenzene	ND		2.0
Hexachlorobutadiene	ND		2.0
Naphthalene	38		10
1,2,3-Trichlorobenzene	ND		2.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	71-126
Toluene-d8	103	76-116
4-Bromofluorobenzene	105	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-13

Client ID: WCMW-5

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		10
Chloromethane	ND		50
Vinyl Chloride	ND		10
Bromomethane	ND		10
Chloroethane	ND		50
Trichlorofluoromethane	ND		10
1,1-Dichloroethene	ND		10
Acetone	ND		250
Iodomethane	ND		50
Carbon Disulfide	ND		10
Methylene Chloride	50	B,H	50
(trans) 1,2-Dichloroethene	ND		10
Methyl t-Butyl Ether	ND		10
1,1-Dichloroethane	ND		10
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		10
(cis) 1,2-Dichloroethene	ND		10
2-Butanone	ND		250
Bromochloromethane	ND		10
Chloroform	ND		10
1,1,1-Trichloroethane	ND		10
Carbon Tetrachloride	ND		10
1,1-Dichloropropene	ND		10
Benzene	43		10
1,2-Dichloroethane	ND		10
Trichloroethene	ND		10
1,2-Dichloropropane	ND		10
Dibromomethane	ND		10
Bromodichloromethane	ND		10
2-Chloroethyl Vinyl Ether	ND		50
(cis) 1,3-Dichloropropene	ND		10
Methyl Isobutyl Ketone	ND		100
Toluene	260		50
(trans) 1,3-Dichloropropene	ND		10

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-13
 Client ID: WCMW-5

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		10
Tetrachloroethene	ND		10
1,3-Dichloropropane	ND		10
2-Hexanone	ND		100
Dibromochloromethane	ND		10
1,2-Dibromoethane	ND		10
Chlorobenzene	ND		10
1,1,1,2-Tetrachloroethane	ND		10
Ethylbenzene	200		10
m,p-Xylene	710		20
o-Xylene	250		10
Styrene	ND		10
Bromoform	ND		50
Isopropylbenzene	20		10
Bromobenzene	ND		10
1,1,2,2-Tetrachloroethane	ND		10
1,2,3-Trichloropropane	ND		10
n-Propylbenzene	47		10
2-Chlorotoluene	ND		10
4-Chlorotoluene	ND		10
1,3,5-Trimethylbenzene	96		10
tert-Butylbenzene	ND		10
1,2,4-Trimethylbenzene	350		10
sec-Butylbenzene	ND		10
1,3-Dichlorobenzene	ND		10
p-Isopropyltoluene	ND		10
1,4-Dichlorobenzene	ND		10
1,2-Dichlorobenzene	ND		10
n-Butylbenzene	ND		10
1,2-Dibromo-3-chloropropane	ND		50
1,2,4-Trichlorobenzene	ND		10
Hexachlorobutadiene	ND		10
Naphthalene	120		50
1,2,3-Trichlorobenzene	ND		10

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	104	71-126
Toluene-d8	104	76-116
4-Bromofluorobenzene	107	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-14

Client ID: WCMW-6

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-14
 Client ID: WCMW-6

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.92		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	104	76-116
4-Bromofluorobenzene	102	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-15

Client ID: WCMW-50

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		10
Chloromethane	ND		50
Vinyl Chloride	ND		10
Bromomethane	ND		10
Chloroethane	ND		50
Trichlorofluoromethane	ND		10
1,1-Dichloroethene	ND		10
Acetone	ND		250
Iodomethane	ND		50
Carbon Disulfide	ND		10
Methylene Chloride	ND		50
(trans) 1,2-Dichloroethene	ND		10
Methyl t-Butyl Ether	ND		10
1,1-Dichloroethane	ND		10
Vinyl Acetate	ND		100
2,2-Dichloropropane	ND		10
(cis) 1,2-Dichloroethene	ND		10
2-Butanone	ND		250
Bromochloromethane	ND		10
Chloroform	ND		10
1,1,1-Trichloroethane	ND		10
Carbon Tetrachloride	ND		10
1,1-Dichloropropene	ND		10
Benzene	75		10
1,2-Dichloroethane	ND		10
Trichloroethene	ND		10
1,2-Dichloropropane	ND		10
Dibromomethane	ND		10
Bromodichloromethane	ND		10
2-Chloroethyl Vinyl Ether	ND		50
(cis) 1,3-Dichloropropene	ND		10
Methyl Isobutyl Ketone	ND		100
Toluene	230		50
(trans) 1,3-Dichloropropene	ND		10

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-15
 Client ID: WCMW-50

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		10
Tetrachloroethene	23		10
1,3-Dichloropropane	ND		10
2-Hexanone	ND		100
Dibromochloromethane	ND		10
1,2-Dibromoethane	ND		10
Chlorobenzene	ND		10
1,1,1,2-Tetrachloroethane	ND		10
Ethylbenzene	180		10
m,p-Xylene	720		20
o-Xylene	270		10
Styrene	ND		10
Bromoform	ND		50
Isopropylbenzene	22		10
Bromobenzene	ND		10
1,1,2,2-Tetrachloroethane	ND		10
1,2,3-Trichloropropane	ND		10
n-Propylbenzene	54		10
2-Chlorotoluene	ND		10
4-Chlorotoluene	ND		10
1,3,5-Trimethylbenzene	110		10
tert-Butylbenzene	ND		10
1,2,4-Trimethylbenzene	460		10
sec-Butylbenzene	ND		10
1,3-Dichlorobenzene	ND		10
p-Isopropyltoluene	ND		10
1,4-Dichlorobenzene	ND		10
1,2-Dichlorobenzene	ND		10
n-Butylbenzene	ND		10
1,2-Dibromo-3-chloropropane	ND		50
1,2,4-Trichlorobenzene	ND		10
Hexachlorobutadiene	ND		10
Naphthalene	180		50
1,2,3-Trichlorobenzene	ND		10

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	71-126
Toluene-d8	104	76-116
4-Bromofluorobenzene	107	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-16

Client ID: WCMW-60

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		40
Chloromethane	ND		200
Vinyl Chloride	ND		40
Bromomethane	ND		40
Chloroethane	ND		200
Trichlorofluoromethane	ND		40
1,1-Dichloroethene	ND		40
Acetone	ND		1000
Iodomethane	ND		200
Carbon Disulfide	ND		40
Methylene Chloride	ND		200
(trans) 1,2-Dichloroethene	ND		40
Methyl t-Butyl Ether	ND		40
1,1-Dichloroethane	ND		40
Vinyl Acetate	ND		400
2,2-Dichloropropane	ND		40
(cis) 1,2-Dichloroethene	ND		40
2-Butanone	ND		1000
Bromochloromethane	ND		40
Chloroform	ND		40
1,1,1-Trichloroethane	ND		40
Carbon Tetrachloride	ND		40
1,1-Dichloropropene	ND		40
Benzene	1500		40
1,2-Dichloroethane	ND		40
Trichloroethene	ND		40
1,2-Dichloropropane	ND		40
Dibromomethane	ND		40
Bromodichloromethane	ND		40
2-Chloroethyl Vinyl Ether	ND		200
(cis) 1,3-Dichloropropene	ND		40
Methyl Isobutyl Ketone	ND		400
Toluene	8200		200
(trans) 1,3-Dichloropropene	ND		40

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-16
 Client ID: WCMW-60

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		40
Tetrachloroethene	ND		40
1,3-Dichloropropane	ND		40
2-Hexanone	ND		400
Dibromochloromethane	ND		40
1,2-Dibromoethane	ND		40
Chlorobenzene	ND		40
1,1,1,2-Tetrachloroethane	ND		40
Ethylbenzene	2000		40
m,p-Xylene	7200		80
o-Xylene	3300		40
Styrene	ND		40
Bromoform	ND		200
Isopropylbenzene	81		40
Bromobenzene	ND		40
1,1,2,2-Tetrachloroethane	ND		40
1,2,3-Trichloropropane	ND		40
n-Propylbenzene	170		40
2-Chlorotoluene	ND		40
4-Chlorotoluene	ND		40
1,3,5-Trimethylbenzene	350		40
tert-Butylbenzene	ND		40
1,2,4-Trimethylbenzene	1500		40
sec-Butylbenzene	ND		40
1,3-Dichlorobenzene	ND		40
p-Isopropyltoluene	ND		40
1,4-Dichlorobenzene	ND		40
1,2-Dichlorobenzene	ND		40
n-Butylbenzene	ND		40
1,2-Dibromo-3-chloropropane	ND		200
1,2,4-Trichlorobenzene	ND		40
Hexachlorobutadiene	ND		40
Naphthalene	1000		200
1,2,3-Trichlorobenzene	ND		40

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	108	71-126
Toluene-d8	106	76-116
4-Bromofluorobenzene	110	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-7-08
 Date Analyzed: 7-7-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-020-17
 Client ID: WCMW-80

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		40
Chloromethane	ND		200
Vinyl Chloride	ND		40
Bromomethane	ND		40
Chloroethane	ND		200
Trichlorofluoromethane	ND		40
1,1-Dichloroethene	ND		40
Acetone	ND		1000
Iodomethane	ND		200
Carbon Disulfide	ND		40
Methylene Chloride	ND		200
(trans) 1,2-Dichloroethene	ND		40
Methyl t-Butyl Ether	ND		40
1,1-Dichloroethane	ND		40
Vinyl Acetate	ND		400
2,2-Dichloropropane	ND		40
(cis) 1,2-Dichloroethene	ND		40
2-Butanone	ND		1000
Bromochloromethane	ND		40
Chloroform	ND		40
1,1,1-Trichloroethane	ND		40
Carbon Tetrachloride	ND		40
1,1-Dichloropropene	ND		40
Benzene	1600		40
1,2-Dichloroethane	ND		40
Trichloroethene	ND		40
1,2-Dichloropropane	ND		40
Dibromomethane	ND		40
Bromodichloromethane	ND		40
2-Chloroethyl Vinyl Ether	ND		200
(cis) 1,3-Dichloropropene	ND		40
Methyl Isobutyl Ketone	ND		400
Toluene	7400		200
(trans) 1,3-Dichloropropene	ND		40

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-17
 Client ID: WCMW-80

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		40
Tetrachloroethene	ND		40
1,3-Dichloropropane	ND		40
2-Hexanone	ND		400
Dibromochloromethane	ND		40
1,2-Dibromoethane	ND		40
Chlorobenzene	ND		40
1,1,1,2-Tetrachloroethane	ND		40
Ethylbenzene	2100		40
m,p-Xylene	7500		80
o-Xylene	3300		40
Styrene	ND		40
Bromoform	ND		200
Isopropylbenzene	100		40
Bromobenzene	ND		40
1,1,2,2-Tetrachloroethane	ND		40
1,2,3-Trichloropropane	ND		40
n-Propylbenzene	220		40
2-Chlorotoluene	ND		40
4-Chlorotoluene	ND		40
1,3,5-Trimethylbenzene	440		40
tert-Butylbenzene	ND		40
1,2,4-Trimethylbenzene	1900		40
sec-Butylbenzene	ND		40
1,3-Dichlorobenzene	ND		40
p-Isopropyltoluene	ND		40
1,4-Dichlorobenzene	ND		40
1,2-Dichlorobenzene	ND		40
n-Butylbenzene	42		40
1,2-Dibromo-3-chloropropane	ND		200
1,2,4-Trichlorobenzene	ND		40
Hexachlorobutadiene	ND		40
Naphthalene	1100		200
1,2,3-Trichlorobenzene	ND		40

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	71-126
Toluene-d8	105	76-116
4-Bromofluorobenzene	111	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-8-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-18

Client ID: WCMW-70

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		5.0
Vinyl Chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Acetone	ND		25
Iodomethane	ND		5.0
Carbon Disulfide	ND		1.0
Methylene Chloride	ND		5.0
(trans) 1,2-Dichloroethene	ND		1.0
Methyl t-Butyl Ether	ND		1.0
1,1-Dichloroethane	ND		1.0
Vinyl Acetate	ND		10
2,2-Dichloropropane	ND		1.0
(cis) 1,2-Dichloroethene	ND		1.0
2-Butanone	ND		25
Bromochloromethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon Tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	2.4		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Bromodichloromethane	ND		1.0
2-Chloroethyl Vinyl Ether	ND		5.0
(cis) 1,3-Dichloropropene	ND		1.0
Methyl Isobutyl Ketone	ND		10
Toluene	51		5.0
(trans) 1,3-Dichloropropene	ND		1.0

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-18
 Client ID: WCMW-70

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
2-Hexanone	ND		10
Dibromochloromethane	ND		1.0
1,2-Dibromoethane	ND		1.0
Chlorobenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
Ethylbenzene	45		1.0
m,p-Xylene	170		2.0
o-Xylene	66		1.0
Styrene	ND		1.0
Bromoform	ND		5.0
Isopropylbenzene	4.6		1.0
Bromobenzene	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,2,3-Trichloropropane	ND		1.0
n-Propylbenzene	12		1.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	22		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	78		1.0
sec-Butylbenzene	1.3		1.0
1,3-Dichlorobenzene	ND		1.0
p-Isopropyltoluene	1.1		1.0
1,4-Dichlorobenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dibromo-3-chloropropane	ND		5.0
1,2,4-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	27		5.0
1,2,3-Trichlorobenzene	ND		1.0

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	86	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 7-3-08
 Date Analyzed: 7-3-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-020-19
 Client ID: WCMW-90

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B

Page 2 of 2

Lab ID: 07-020-19
 Client ID: WCMW-90

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.93		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	71-126
Toluene-d8	104	76-116
4-Bromofluorobenzene	101	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 7-3-08

Date Analyzed: 7-3-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0703W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	1.1		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0703W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	71-126
Toluene-d8	103	76-116
4-Bromofluorobenzene	100	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0707W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0707W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	109	71-126
Toluene-d8	105	76-116
4-Bromofluorobenzene	107	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted: 7-8-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0708W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Lab ID: MB0708W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	79	71-126
Toluene-d8	83	76-116
4-Bromofluorobenzene	83	70-123

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-3-08
 Date Analyzed: 7-3-08

 Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0703W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	10.4	104	10.0	100	70-130	
Benzene	10.0	10.1	101	9.75	98	70-130	
Trichloroethene	10.0	9.36	94	9.02	90	70-116	
Toluene	10.0	9.59	96	9.24	92	76-119	
Chlorobenzene	10.0	8.44	84	8.18	82	77-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	20	
Benzene	3	16	
Trichloroethene	4	16	
Toluene	4	15	
Chlorobenzene	3	15	

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-7-08

Date Analyzed: 7-7-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB0707W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	11.7	117	12.2	122	70-130	
Benzene	10.0	11.1	111	11.7	117	70-130	
Trichloroethene	10.0	9.92	99	10.3	103	70-116	
Toluene	10.0	10.2	102	10.6	106	76-119	
Chlorobenzene	10.0	8.16	82	8.18	82	77-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	20	
Benzene	5	16	
Trichloroethene	4	16	
Toluene	4	15	
Chlorobenzene	0	15	

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-8-08
 Date Analyzed: 7-8-08

 Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0708W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	9.08	91	9.72	97	70-130	
Benzene	10.0	8.48	85	9.10	91	70-130	
Trichloroethene	10.0	9.12	91	9.48	95	70-116	
Toluene	10.0	9.06	91	9.66	97	76-119	
Chlorobenzene	10.0	9.24	92	9.96	100	77-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	20	
Benzene	7	16	
Trichloroethene	4	16	
Toluene	6	15	
Chlorobenzene	8	15	

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**TOTAL LEAD
EPA 6010B**

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
WCMW-4@5.5	07-020-01	ND	6.7
WCMW-4@14.5	07-020-02	ND	5.5
WCMW-5@5	07-020-03	ND	7.6
WCMW-5@14.5	07-020-04	ND	5.7
WCMW-10	07-020-05	ND	7.8
WCMW-20	07-020-06	ND	6.6
WCMW-30	07-020-07	ND	6.9
WCMW-40	07-020-08	ND	5.7

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0707S2

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 07-019-02

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	ND	ND	NA		5.0

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 7-7-08
Date Analyzed: 7-8-08

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 07-019-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	235	94	240	96	2	

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**DISSOLVED LEAD
EPA 200.8**

Date Analyzed: 7-7-08

Matrix: Water
Units: ug/L (ppb)

Client ID	Lab ID	Result	PQL
WCMW-1	07-020-09	2.9	1.0
WCMW-2	07-020-10	32	1.0
WCMW-3	07-020-11	40	1.0
WCMW-4	07-020-12	ND	1.0
WCMW-5	07-020-13	ND	1.0
WCMW-6	07-020-14	ND	1.0
WCMW-50	07-020-15	3.4	1.0
WCMW-60	07-020-16	32	1.0
WCMW-80	07-020-17	43	1.0
WCMW-70	07-020-18	ND	1.0
WCMW-90	07-020-19	ND	1.0

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**DISSOLVED LEAD
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 7-7-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0707D3

Analyte	Method	Result	PQL
Lead	200.8	ND	1.0

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**DISSOLVED LEAD
EPA 200.8
DUPLICATE QUALITY CONTROL**

Date Analyzed: 7-7-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 07-020-09

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	2.94	2.93	0	1.0	

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

**DISSOLVED LEAD
EPA 200.8
MS/MSD QUALITY CONTROL**

Date Analyzed: 7-7-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: 07-020-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	200	202	100	205	101	1	

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-09

Client ID: **WCMW-1**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.020	U1

Surrogate	Percent Recovery	Control Limits
TCMX	71	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-10

Client ID: **WCMW-2**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.93	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	31	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-11

Client ID: **WCMW-3**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	1.5	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	34	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-12

Client ID: **WCMW-4**

Analyte	Result	PQL	Flags

1,2-Dibromoethane (EDB)	ND	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	55	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-13

Client ID: **WCMW-5**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.016	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	86	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-14

Client ID: **WCMW-6**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0095	

Surrogate	Percent Recovery	Control Limits
TCMX	67	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-15

Client ID: **WCMW-50**

Analyte	Result	PQL	Flags

1,2-Dibromoethane (EDB)	ND	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	62	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-16

Client ID: **WCMW-60**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	0.88	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	32	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-17

Client ID: **WCMW-80**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	1.4	0.19	

Surrogate	Percent Recovery	Control Limits
TCMX	32	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-18

Client ID: **WCMW-70**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0096	

Surrogate	Percent Recovery	Control Limits
TCMX	40	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-020-19

Client ID: **WCMW-90**

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.0095	

Surrogate	Percent Recovery	Control Limits
TCMX	71	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

EDB by EPA 8011
METHOD BLANK QUALITY CONTROL

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0707W1

Analyte	Result	PQL	Flags
1,2-Dibromoethane (EDB)	ND	0.010	

Surrogate	Percent Recovery	Control Limits
TCMX	89	30 - 136

Date of Report: July 14, 2008
 Samples Submitted: July 2, 2008
 Laboratory Reference: 0807-020
 Project: 51201.2

**EDB by EPA 8011
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-7-08

Date Analyzed: 7-8-08

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0707W1

Analyte	SB Spike Level	SB	Percent Recovery	SBD	Percent Recovery	RPD
EDB	0.100	0.115	115	0.111	111	4

Surrogate	Percent Recovery	Percent Recovery	Control Limits
TCMX	90	86	30 - 136

Date of Report: July 14, 2008
Samples Submitted: July 2, 2008
Laboratory Reference: 0807-020
Project: 51201.2

% MOISTURE

Date Analyzed: 7-7-08

Client ID	Lab ID	% Moisture
WCMW-4@5.5	07-020-01	25
WCMW-4@14.5	07-020-02	9
WCMW-5@5	07-020-03	34
WCMW-5@14.5	07-020-04	13
WCMW-10	07-020-05	36
WCMW-30	07-020-06	24
WCMW-30	07-020-07	28
WCMW-40	07-020-08	13



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference

Laboratory Number: 07-020

Turnaround Request
(in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
 (TPH analysis 5 working days)
☐ (other)

Company:

Environmental Partners, Inc.

Project Number:

572012

Project Name:

Windy

Project Manager:

Thom Martin / Dylan Gallaway

Sampled by:

Dylan Gallaway

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatile	PAHs by 8270	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total HCBs	TCLP Metals	HEM by 1664	Discretes by 8060	CB	% Moisture	
9	wcmw-1	7/1/08	08:50	W	10	X	X	X	X										X	X		
10	wcmw-2		10:30	W	10	X	X	X	X										X	X		
11	wcmw-3		12:00	W	10	X	X	X	X										X	X		
12	wcmw-4		14:15	W	10	X	X	X	X										X	X		
13	wcmw-5		16:00	W	10	X	X	X	X										X	X		
14	wcmw-6		17:35	W	10	X	X	X	X										X	X		
15	wcmw-50		18:00	W	10	X	X	X	X										X	X		
16	wcmw-60		18:05	W	10	X	X	X	X										X	X		
17	wcmw-80		18:10	W	10	X	X	X	X										X	X		
18	wcmw-70		18:15	W	10	X	X	X	X										X	X		

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	ESL	7/1/08	2100	
<i>[Signature]</i>	Speedy Hanger	7-2-08	0931	
<i>[Signature]</i>			1113	
<i>[Signature]</i>	OSL	7/2/08	1113	
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date				Chromatograms with final report ☐



OnSite Environmental Inc.
14648 NE 95th Street • Richmond, WA 98052
Phone: (425) 863-3881 • Fax: (425) 865-4603

Chain of Custody

Laboratory Number: **07-020**

Company:

Environmental Partners, Inc.

Project Number:

SPR-2

Project Name:

Whitney's

Project Manager:

Thom Martin/Dylan Callaway

Sampled by:

Dylan Callaway

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)

(TPH analysis 5 working days)

(other)

Requested Analysis

Turnaround Request (In working days)	Halogenated Volatiles by 8260B	Volatiles by 8260B	NWTPH-GX/BTE	NWTPH-Dx	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	% Moisture
☐ Same Day ☐ 1 Day														
☐ 2 Day ☐ 3 Day														
☒ Standard (7 working days) (TPH analysis 5 working days)														
☐ (other)														

Comments/Special Instructions

Signature	Company	Date	Time
<i>[Signature]</i>	EPI	7/1/08	2:00
<i>[Signature]</i>	Speedy Mgr	7-2-08	0931
<i>[Signature]</i>	" "	"	1113
<i>[Signature]</i>	DBE	7/2/08	1113
Relinquished by			
Received by			
Relinquished by			
Received by			
Relinquished by			
Received by			
Reviewed by/Date			

Chromatograms with final report ☐

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment D

March 24, 2010



Building Feature Survey

RECEIVED

AUG 03 2009

Washington State
Department of Ecology

1. Contact Information

Date:	7-28-09		
Name:	Whitney Inc		
Address:	123 Ranch		
	Montesano		
Phone:	Home	(360) 249-4431	Work (360) 249-6370

2. General Building Information: What type of building is this? Check all appropriate responses below.

☐ Single Family	☐ Multiple Family	☐ School	☒ Commercial
☐ Ranch	☐ 2-Family		☐ Building is being used as a day care center What type of business is conducted in your building? <i>car dealership</i>
☐ Raised Ranch	☐ Duplex		
☐ Cape	☐ Apartment House		
☐ Colonial	# of units _____		
☐ Split Level	☐ Condominium		
☐ Mobile Residence	# of units _____		
☐ Other (specify)	☐ Other (specify)		

2a. What was the original construction date of the building? 1898

3. Building Occupants (workers or residents)

Age (if under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours spent in building per day
	both	dealership employees	various	12

3. Building Occupants (workers or residents) Continued

Age (if under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours in building per day

4. Heating and Ventilation System(s)

4a. Please describe the type of materials your building is constructed out of (For example, wood, stone, concrete, etc.)

wood, concrete, steel, glass

4b. Has your building been weatherized with any of the following? (Circle all that apply)

No

Insulation

Storm Windows

Energy-Efficient Windows

Other (specify) _____

4c. What type of foundation does your building/residence have? (Circle all that apply)

Full basement

Crawlspace

Concrete Slab (i.e. concrete floor that is not below ground level)

Other (specify) _____

4d. Does the basement/crawlspace have air vents leading out of the structure?

N/A

- If it has vents, are these vents always open, always closed, or opened and closed based on the season?

- Is the crawlspace lined with a plastic layer?

- If so, what is the position of that plastic layer? (Circle one)

On the ground

Attached to the floor joist

Attached to the foundation

- What is the condition of that plastic layer? (Circle one)

Whole

Absent in places

Torn

5. Foundation Type

5a. Basement characteristics (Check yes or no)

Do you have a basement?	Yes	No ☒
Is there a basement sump (pit where water drains)?		
Is your basement finished?		

5b. Does the basement have any additional characteristics that might permit soil vapor entry, such as utility conduits, a portion of the wall missing or exposed soils around sump? If so, please describe.

5c. Describe your foundation (Check all that apply)

Foundation floor is:		Foundation walls are:		Inside of the foundation is:	
Concrete	☒	Poured concrete	☒	Wet	
Dirt		Cinder block	☒	Damp	
Other (specify)		Laid up stone		Dry	☒

5d. Are there cracks in the foundation? (Circle one) Yes No

5e. How would you describe them? (Check the box that best describes cracks in your foundation)

None	Few (1-2)	Some (3-6)	Many (more than 6)
			☒

5f. Has the original structure of the building been altered by construction? For example, have half basements or spaces under the building been constructed? If so, please describe alterations. *added on to over the years*

6. Heating and Ventilation System(s)

6a. What type of heating system(s) is/are used in your building? (Circle all that apply)

Hot Air Circulation	Heat Pump	<u>Steam Radiation</u>	Wood Stove
Hot Air Radiation	Unvented Kerosene Heater	<u>Electric Wall/ Baseboard</u>	Other, specify

6b. What type(s) of fuel(s) are used in your building/residence? (Circle all that apply)

Natural Gas

Electric

Coal

Fuel Oil

Wood

Solar

Other, specify

6c. Does your building have a fireplace? (Circle one) Yes

No

6d. What types of mechanical ventilation systems are present in your building ? (Circle all that apply)

Central Air Conditioning

Mechanical Fans

Bathroom Ventilation Fan

Kitchen Range Hood Fan

Air-to-Air heat Exchanger

Other, please specify

Individual Air Conditioning
Units

6e. Does your building have roof vents? (Circle the one that applies) Yes

No

7. Sources of Chemical Contamination:

Are any of these items present in the building? (Check all that apply)

Present?	Potential Source of Chemical	Location of Source
Yes	Paints or paint thinners	
Yes	Cleaning solvents	
Yes	Air fresheners	
Yes	Oven cleaners	
Yes	Carpet/upholstery cleaners	
Yes	Hairspray	
Yes	Nail polish / polish remover	
Yes	Bathroom cleaner	
Yes	Appliance cleaner	
Yes	Furniture polish	
Yes	Perfume / colognes	
Yes	Hobby supplies (For example, solvents, paints, thinners, glues, photo darkroom chemicals)	
Yes	Scented trees, wreaths, potpourri	

7a. Do one or more smokers occupy this building on a regular basis?

☒ Yes

☐ No

7b. Do the occupants of the building have their clothes dry-cleaned once every other week or more?

☐ Yes

☒ No ?

7c. Was remodeling or painting done in the building in the last month?

☒ Yes

☐ No

7d. Are there any pressed wood products in the building (For example, Hardwood, plywood, wall paneling, particleboard or fiberboard)?

☒ Yes

☐ No

If so, please describe their location:

7e. Within the last month, have you gotten new upholstery, drapes or Other textiles in the building?

☐ Yes

☒ No

7f. Has the building been treated with any insecticides or pesticides?

☐ Yes

☒ No

If so, what chemicals are used and how often are they applied?

7g. Does your property contain any underground storage tanks?

☒ Yes

☐ No

If so, what type?

all on record w D.P.E.

8. General Comments:

Is there any other information about the structural features of this building, the occupants or potential sources of chemical contaminants to the indoor air that may be of importance in facilitating the evaluation of the indoor air quality of the building?

Enclosure 3. Building Survey Form



Building Feature Survey

1. Contact Information

Date: 10/30/09
 Name: STERLING SAVINGS BANK
 Address: 301 S MAIN ST.
MONTESANO, WA. 98563
 Phone: Home () Work (360) 249-3111

2. General Building Information: What type of building is this? Check all appropriate responses below.

☐ Single Family	☐ Multiple Family	☐ School	☒ Commercial
☐ Ranch	☐ 2-Family		☐ Building is being used as a day care center
☐ Raised Ranch	☐ Duplex		
☐ Cape	☐ Apartment House		What type of business is conducted in your building? COMMERCIAL BANK
☐ Colonial	# of units _____		
☐ Split Level	☐ Condominium		
☐ Mobile Residence	# of units _____		
☐ Other (specify)	☐ Other (specify)		

2a. What was the original construction date of the building?

1973

3. Building Occupants (workers or residents)

Age (If under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours spent in building per day
<u>NONE</u>				

3. Building Occupants (workers or residents) Continued

Age (if under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours in building per day

4. Heating and Ventilation System(s)

4a. Please describe the type of materials your building is constructed out of (For example, wood, stone, concrete, etc.)

WOOD & CONCRETE & BRICK

4b. Has your building been weatherized with any of the following? (Circle all that apply)

Insulation

Storm Windows

Energy-Efficient Windows

Other (specify) _____

4c. What type of foundation does your building/residence have? (Circle all that apply)

Full basement

Crawlspace

Concrete Slab (i.e. concrete floor that is not below ground level)

Other (specify) PARTIAL BASEMENT

4d. Does the basement/crawlspace have air vents leading out of the structure? NO

• If it has vents, are these vents always open, always closed, or opened and closed based on the season?

• Is the crawlspace lined with a plastic layer?

• If so, what is the position of that plastic layer? (Circle one)

On the ground

Attached to the floor joist

Attached to the foundation

• What is the condition of that plastic layer? (Circle one)

Whole

Absent in places

Torn

5. Foundation Type

CONCRETE

5a. Basement characteristics (Check yes or no)

Do you have a basement?	Yes ☒	No
Is there a basement sump (pit where water drains)?		☒
Is your basement finished?		☒

5b. Does the basement have any additional characteristics that might permit soil vapor entry, such as utility conduits, a portion of the wall missing or exposed soils around sump? If so, please describe.

NO

5c. Describe your foundation (Check all that apply)

Foundation floor is:		Foundation walls are:		Inside of the foundation is:	
Concrete	☒	Poured concrete	☒	Wet	
Dirt		Cinder block		Damp	
Other (specify)		Laid up stone		Dry	

5d. Are there cracks in the foundation? (Circle one)

Yes

No ☒

5e. How would you describe them? (Check the box that best describes cracks in your foundation)

None	Few (1-2)	Some (3-6)	Many (more than 6)

5f. Has the original structure of the building been altered by construction? For example, have half basements or spaces under the building been constructed? If so, please describe alterations.

NO

6. Heating and Ventilation System(s)

6a. What type of heating system(s) is/are used in your building? (Circle all that apply)

Hot Air Circulation

Heat Pump

Steam Radiation

Wood Stove

Hot Air Radiation

Unvented Kerosene Heater

Electric Wall/ Baseboard

Other, specify

wall units

6b. What type(s) of fuel(s) are used in your building/residence? (Circle all that apply)

Natural Gas

Electric

Coal

Fuel Oil

Wood

Solar

Other, specify

6c. Does your building have a fireplace? (Circle one) Yes No

6d. What types of mechanical ventilation systems are present in your building? (Circle all that apply)

Central Air Conditioning

Mechanical Fans

Bathroom Ventilation Fan

Kitchen Range Hood Fan

Air-to-Air heat Exchanger

Other, please specify

wall units

Individual Air Conditioning
Units

6e. Does your building have roof vents? (Circle the one that applies) Yes No

7. Sources of Chemical Contamination:

Are any of these items present in the building? (Check all that apply)

Present?	Potential Source of Chemical	Location of Source
	Paints or paint thinners	
	Cleaning solvents	
	Air fresheners	
	Oven cleaners	
	Carpet/upholstery cleaners	
	Hairspray	
	Nail polish / polish remover	
	Bathroom cleaner	
	Appliance cleaner	
	Furniture polish	
	Perfume / colognes	
	Hobby supplies (For example, solvents, paints, thinners, glues, photo darkroom chemicals)	
	Scented trees, wreaths, potpourri	

7a. Do one or more smokers occupy this building on a regular basis?

Yes

☒ No

7b. Do the occupants of the building have their clothes dry-cleaned once every other week or more?

Yes

N/A

☐ No

7c. Was remodeling or painting done in the building in the last month?

Yes

☒ No

7d. Are there any pressed wood products in the building (For example, Hardwood, plywood, wall paneling, particleboard or fiberboard)?

Yes

☒ No

If so, please describe their location:

7e. Within the last month, have you gotten new upholstery, drapes or other textiles in the building?

Yes

☒ No

7f. Has the building been treated with any insecticides or pesticides?

Yes

☒ No

If so, what chemicals are used and how often are they applied?

7g. Does your property contain any underground storage tanks?

Yes

☒ No

If so, what type?

B. General Comments:

Is there any other information about the structural features of this building, the occupants or potential sources of chemical contaminants to the indoor air that may be of importance in facilitating the evaluation of the indoor air quality of the building?

Enclosure 3. Building Survey Form



DEPARTMENT OF
ECOLOGY
State of Washington

Building Feature Survey**1. Contact Information**

Date:	10-30-09	
Name:	VFW Post 2455 + Charlie's Tavern	
Address:	315 and 313 South Main	
	Montesano, WA 98563	
Phone:	Home (360) 249-2076	Work (360) 249-3644

2. General Building Information: What type of building is this? Check all appropriate responses below.

☐ Single Family	☐ Multiple Family	☐ School	☐ Commercial
☐ Ranch	☐ 2-Family		☐ Building is being used as a day care center Club Room Tavern Bar What type of business is conducted in your building?
☐ Raised Ranch	☐ Duplex		
☐ Cape	☐ Apartment House		
☐ Colonial	# of units _____		
☐ Split Level	☐ Condominium		
☐ Mobile Residence	# of units _____		
☐ Other (specify) _____	☐ Other (specify) _____		

2a. What was the original construction date of the building? _____

3. Building Occupants (workers or residents)

Age (if under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours spent in building per day
	1 F	Club Room Manager	5	6
	6 F	Bar Tenders	9	6
	1 M	Quartermaster	12	2

3. Building Occupants (workers or residents) Continued

Age (if under 18)	Sex (M or F)	Occupation	Number of years working or living here	Number of hours in building per day

4. Heating and Ventilation System(s)

VFW - Heat Pump + Elect Tavern - Gas Furnace

4a. Please describe the type of materials your building is constructed out of (For example, wood, stone, concrete, etc.)

Concrete & Wood

4b. Has your building been weatherized with any of the following? (Circle all that apply)

Insulation Storm Windows Energy-Efficient Windows Other (specify) _____

4c. What type of foundation does your building/residence have? (Circle all that apply)

☒ Full basement

☒ Crawlspace

Concrete Slab (i.e. concrete floor that is not below ground level)

Other (specify) _____

VFW - Crawlspace Tavern - basement

4d. Does the basement/crawlspace have air vents leading out of the structure?

yes

- If it has vents, are these vents always open, always closed, or opened and closed based on the season?

always open

- Is the crawlspace lined with a plastic layer? yes

- If so, what is the position of that plastic layer? (Circle one)

☒ On the ground

Attached to the floor joist

Attached to the foundation

- What is the condition of that plastic layer? (Circle one)

☒ Whole

Absent in places

Torn

5. Foundation Type

5a. Basement characteristics (Check yes or no)

Do you have a basement?	☒ Yes	☐ No
Is there a basement sump (pit where water drains)?	☐	☒
Is your basement finished?	☐	☒

5b. Does the basement have any additional characteristics that might permit soil vapor entry, such as utility conduits, a portion of the wall missing or exposed soils around sump? If so, please describe.

plumbing utilities

5c. Describe your foundation (Check all that apply)

Foundation floor is:		Foundation walls are:		Inside of the foundation is:	
Concrete	☒	Poured concrete	☒	Wet	☐
Dirt	☒	Cinder block	☐	Damp	☐
Other (specify)	☐	Laid up stone	☐	Dry	☒

5d. Are there cracks in the foundation? (Circle one) Yes ☐ No ☒

5e. How would you describe them? (Check the box that best describes cracks in your foundation)

None	Few (1-2)	Some (3-6)	Many (more than 6)
☒	☐	☐	☐

5f. Has the original structure of the building been altered by construction? For example, have half basements or spaces under the building been constructed? If so, please describe alterations.

6. Heating and Ventilation System(s)

6a. What type of heating system(s) is/are used in your building? (Circle all that apply)

☒ Hot Air Circulation	☒ Heat Pump	☐ Steam Radiation	☐ Wood Stove
☐ Hot Air Radiation	☐ Unvented Kerosene Heater	☐ Electric Wall/ Baseboard	☐ Other, specify

6b. What type(s) of fuel(s) are used in your building/residence? (Circle all that apply)

Natural Gas

Electric

Coal

Fuel Oil

Wood

Solar

Other, specify

6c. Does your building have a fireplace? (Circle one) Yes No

6d. What types of mechanical ventilation systems are present in your building? (Circle all that apply)

Central Air Conditioning

Mechanical Fans

Bathroom Ventilation Fan

Kitchen Range Hood Fan

Air-to-Air heat Exchanger

Other, please specify

Individual Air Conditioning
Units

6e. Does your building have roof vents? (Circle the one that applies) Yes No

7. Sources of Chemical Contamination:

Are any of these items present in the building? (Check all that apply)

Present?	Potential Source of Chemical	Location of Source
☒	Paints or paint thinners	
☐	Cleaning solvents	
☐	Air fresheners	
☐	Oven cleaners	
☒	Carpet/upholstery cleaners	
☐	Hairspray	
☐	Nail polish / polish remover	
☐	Bathroom cleaner	
☐	Appliance cleaner	
☐	Furniture polish	
☐	Perfume / colognes	
☐	Hobby supplies (For example, solvents, paints, thinners, glues, photo darkroom chemicals)	
☐	Scented trees, wreaths, potpourri	

7a. Do one or more smokers occupy this building on a regular basis?

Yes

☒ No

7b. Do the occupants of the building have their clothes dry-cleaned once every other week or more?

Yes

☒ No

7c. Was remodeling or painting done in the building in the last month?

Yes

☒ No

7d. Are there any pressed wood products in the building (For example, Hardwood, plywood, wall paneling, particleboard or fiberboard)?

☒ Yes

☐ No

If so, please describe their location:

VFW clubroom

7e. Within the last month, have you gotten new upholstery, drapes or other textiles in the building?

Yes

☒ No

7f. Has the building been treated with any insecticides or pesticides?

Yes

☒ No

If so, what chemicals are used and how often are they applied?

7g. Does your property contain any underground storage tanks?

Yes

☒ No

If so, what type?

8. General Comments:

Is there any other information about the structural features of this building, the occupants or potential sources of chemical contaminants to the indoor air that may be of importance in facilitating the evaluation of the indoor air quality of the building?

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment E

March 24, 2010



1600 SW Western Boulevard, Suite 200
PO Box 1063, Corvallis, OR 97339-1063
Phone: (541) 757-7231 FAX: (541) 757-7331
www.ga.com info@nga.com

November 10, 2009

Jerry Sawetz
Environmental Partners, Inc.
295 NE Gilman Blvd., Suite 201
Issaquah, WA 98027

[illegible]

Dear Mr. Sawetz,

Northwest Geophysical Associates (NGA) presents this letter report, summarizing the findings of a geophysical site investigation conducted at a site east of South Main Street and between West Pioneer Avenue and Wynooche Avenue in Montesano, Washington (Figure 1). The objective of the investigation was to inspect the site for geophysical anomalies indicative of underground storage tanks (UST).

FIELD SURVEY

The area of investigation covers approximately 25,000 square feet. Interpreted anomalies, identified as part of the investigation described below, are also presented on Figure 1. Field work was conducted on November 8, 2009.

A gridded magnetic (MAG) survey was conducted utilizing a Geometrics G858G magnetometer/gradiometer. Following the MAG survey ground penetrating radar (GPR) was run over selected lines to further investigate MAG anomalies and acquire additional detail in areas where the MAG was restricted due to surface objects. An EM survey utilizing the Geonics EM31 was also run over the area in the “real time” mode, without recording the data. Basic principles of these techniques are described in Attachment A, Geophysical Detection of Buried Objects.

A utility locate contractor had been to the site prior to the geophysical UST investigation. They had marked water, gas, electric/communication, and storm sewer locations.

Magnetic Data Acquisition

The MAG survey was conducted using a Geometrics G858G cesium magnetometer/gradiometer. This instrument was run in the “continuous” sampling mode, recording the magnetic field at 0.2 second intervals (approximately 1.0 feet). Two magnetic sensors spaced 0.5 meters apart, one above the other, were used to obtain the vertical magnetic gradient. Line spacing for the MAG survey was 10 feet. MAG lines are shown on Figure 1.

GPR Data Acquisition

GPR data were collected at selected locations across the site. Line spacing for the GPR survey was varied according to the investigated features of interest, but was generally 5 feet or 10 feet. GPR transect survey lines are indicated on Figure 1. GPR data were acquired using a Geophysical Survey Systems, Inc. (GSSI) SIR3000 control unit and a 400 MHz antenna equipped with a survey wheel.

Survey Control

A geophysical survey grid was established across the site using surveyor’s tapes. NGA referenced the geophysical grid to the southeast corner of the southern parcel. The geophysical site interpretation presented on Figure 1 is conveyed in this coordinate system and is overlaid on the Site Map constructed from field measurements. Geophysical anomalies and interpretations are expressed using these site coordinates.

EM Data Acquisition

Electromagnetic data were acquired using a Geonics EM-31 terrain conductivity meter. The EM31 is effective in locating linear metallic conductors such as pipes and cables. For UST investigations it can be useful in locating piping, but is MAG is the primary tool for UST investigations. Hence, the EM31 was run in the real-time mode with the operator looking for an anomalous response which could not be attributed to known (marked) utilities.

RESULTS AND INTERPRETATION

Interpretations of MAG, GPR and EM data are represented on Figure 1 and summarized below. No anomalies indicative of USTs were observed on the site. There are numerous cultural anomalies, due to known utilities, sign posts, lamp posts, man holes, vehicles, and buildings. We have not indicated these on the Site Interpretation Map, as they are numerous, and obviously associated with the mapped objects. While these cultural

anomalies could mask a tank anomaly, we think it unlikely as the shape and size of those anomalies are consistent with the noted object/feature on the site.

The alley adjacent to Whitney's Chevrolet is a complex web of utilities, including water, gas, sewer, and power. While this geophysical investigation could not confirm the locations as marked by the utility locate firm, our readings were consistent with those markings. There were some particularly strong MAG anomalies adjacent to the Whitney's Chevrolet building. However, there were no tank-like GPR anomalies associated with the MAG anomalies, and we believe the MAG is responding to steel materials in the construction of the building and/or to steel materials within the building.

The utility vault noted in the bank parking lot appeared as a weak magnetic anomaly with a GPR signature indicative of a flat top (1-2 feet depth). This is consistent with a concrete utility vault.

CLOSURE

Geophysical surveys performed as part of this survey may or may not successfully detect or delineate any or all subsurface objects or features present. Locations, depths and scale of buried objects or subsurface features mapped as a result of this survey are a result of geophysical interpretation only, and should be considered as confirmed, actual, or accurate only where recovered by excavation or drilling.

Northwest Geophysical Associates, Inc. performed this work in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions. No warranty, express or implied, beyond exercise of reasonable care and professional diligence, is made. This report is intended for use only in accordance with the purposes of the study described within.

Geophysical Site Investigation
South Main Street and Wynooche Avenue
Montesano, Washington
November 10, 2009

Page 4

Thank you for the opportunity to work with you on this project. Please feel free to call if you have questions or need additional information.

Sincerely,

Northwest Geophysical Associates, Inc.

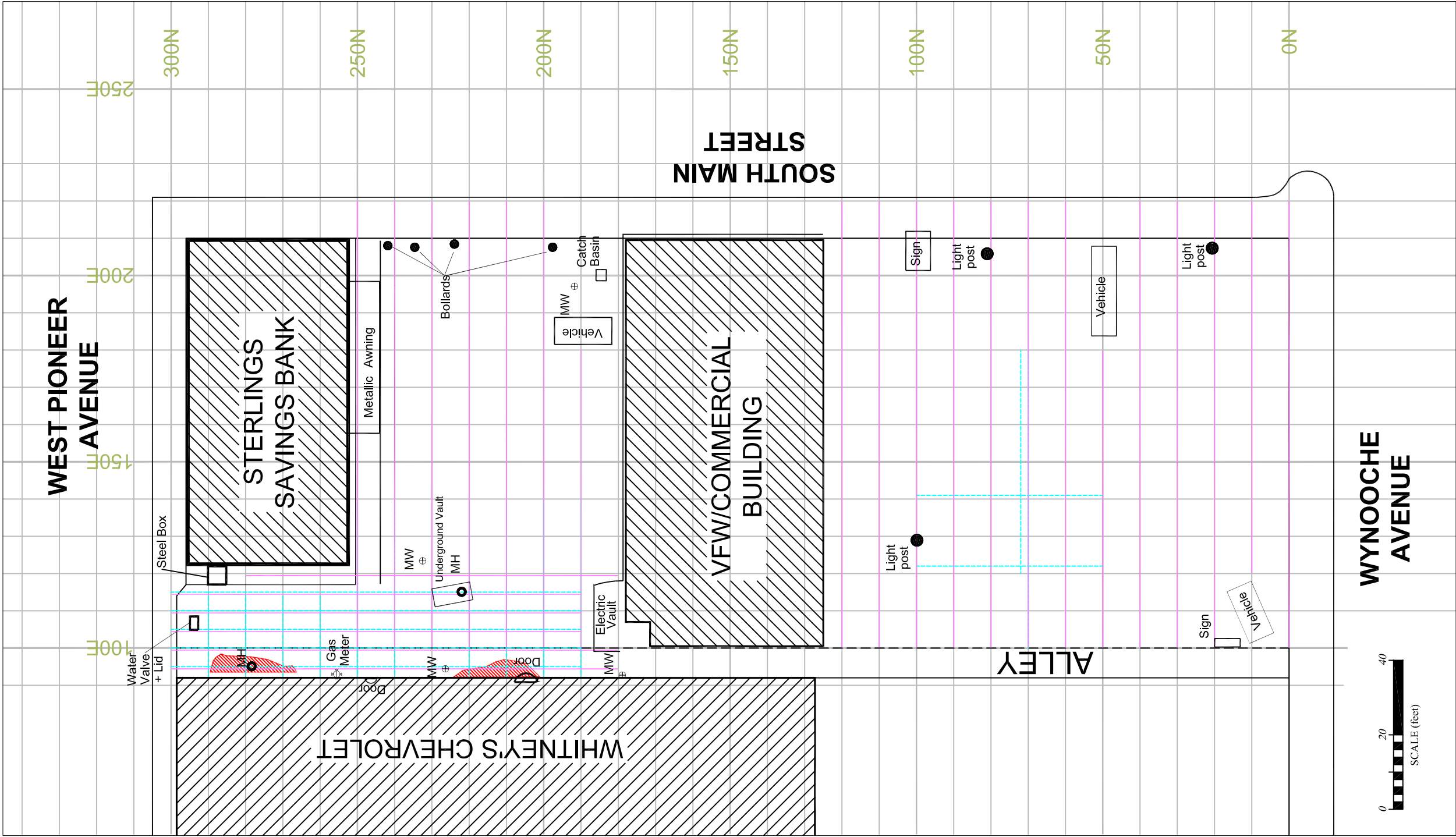


Rowland B. French, Ph.D., R.G.
President

Attachments:

Figure 1 – Interpreted Site Map
Attachment A - *Geophysical Detection of Buried Objects*

FILE: Montesano_rpt02.doc
PROJECT: 721



LEGEND

GPR Transect Lines

MAG Transect Lines

MW ⊕

Monitoring Well

MH ●

Manhole Lid

MAG Anomaly

FIGURE 1

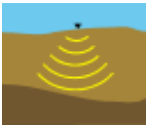
Site Interpretation Map

Geophysical Site Investigation
Whitney Chevrolet
Montesano, Washington

**Geophysical Site Investigation -
South Main Street and Wynooche Avenue
Montesano, Washington**

Attachment A
NGA Technical Note

Geophysical Detection of Buried Objects



Geophysical Services

Environmental • Groundwater • Geotechnical

TECHNICAL
NOTE



Ground Penetrating Radar



Magnetics

Geophysical Detection of Buried Objects



Electromagnetics *EM31*



Electromagnetics - *EM61-MK2*

COVER rev4, JUNE 2006

Northwest Geophysical Associates, Inc.
P.O. Box 1063, Corvallis, OR 97339-1063
(541) 757-7231 Fax: (541) 757-7331
www.nga.com info@nga.com

© 2001 Northwest Geophysical Associates, Inc.



DISCUSSION OF GEOPHYSICAL TECHNIQUES

GEOPHYSICAL DETECTION OF BURIED OBJECTS

Revision June 2006

INTRODUCTION

Several geophysical techniques are used for locating buried objects such as underground storage tanks, pipes, utilities, drums and other debris. These techniques are used routinely, and are often recommended or required by state agencies, funding institutions and/or the EPA, particularly on sites where underground burial of steel drums or other debris may have occurred or where underground storage tanks are suspected.

Geophysics is generally used in the early reconnaissance phase of these investigations as a guide to sampling, excavation and/or placement of monitoring wells. In this paper we describe three of the most common geophysical techniques, electromagnetics (EM), magnetics (MAG) and ground penetrating radar (GPR).

UTILITY OF GEOPHYSICS:

First, a few words about "geophysics" as used for environmental and geotechnical engineering applications. Surface geophysical techniques probe subsurface materials (soils and rock) using surface instruments. This is done by measuring physical signals which have interacted with the earth materials. These signals may be electrical, magnetic, acoustic (seismic) or electromagnetic.

Surface geophysics offers several advantages over other exploration techniques:

1) Surface geophysical methods are "*non-intrusive*" in that they do not disturb the ground surface, or stir up any contaminants which might be in the soil.

2) Geophysical methods *measure earth properties over a large volume*. Whereas drilling only samples the earth at the point of the borehole, the measured geophysical response is affected by earth materials several feet, or tens of feet, away from the instrument sensor. This allows broad areas to be effectively "screened" with a series of surface measurements.

3) Most geophysical equipment used in environmental and geotechnical applications *can be hand carried*. Geophysical surveys do not require vehicular access, but only a walking path, clear of brush and obstacles.

4) Geophysical surveys are relatively *inexpensive* and can be performed quickly.

TYPICAL OBJECTIVES:

Geophysics may be used in either the reconnaissance mode, or in a detailed survey mode. In the reconnaissance mode, geophysics is used to "screen" large areas to determine the presence or absence of buried objects. In more detailed surveys, the location and extent of the object is mapped in greater detail. This facilitates the efficient excavation of tanks or debris, aids the effective placement of monitoring wells, or improves the design of a sampling program.

The techniques discussed here are also useful for objectives other than identifying buried objects. Electromagnetic induction (EM) is especially useful in mapping changes in soil (e.g. sand or gravel channels), mapping clay aquitards and mapping contaminant leachate plumes in groundwater. GPR can be used to map shallow stratigraphy or to map zones of disturbed soils.

GEOPHYSICAL METHODS:

Three geophysical methods are commonly used in the search for buried objects: 1) electromagnetic induction (EM), 2) magnetics (MAG), and 3) ground penetrating radar (GPR). EM and magnetics are complementary methods, most effective in the reconnaissance mode but also useful for more detailed work. GPR is most effective for detailed work, but may also be used in reconnaissance surveys.

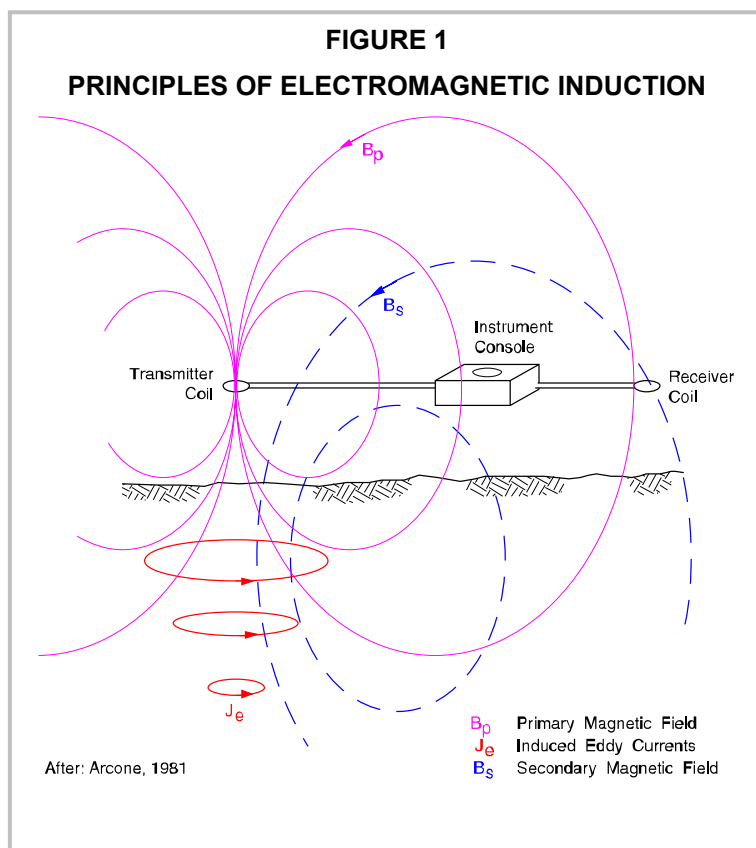
Electromagnetic Methods:

The electromagnetic induction (EM) technique measures the electrical conductivity of the earth by inducing a time varying electric current in the earth. This is shown schematically in Figure 1. The EM technique was developed to measure natural soil conductivity to aid in identifying soil types and to measure rock conductivity in order to identify zones of conductive mineralization.

Man-made metallic objects are generally orders of magnitude more conductive than natural soils. Thus, the electric currents induced in the ground by EM instruments will be dramatically affected by the presence of any man-made metallic object. Examples include pipes, tanks, cables, concrete reinforcing steel, or steel drums. By looking for anomalous signals which cannot be attributed to natural soils, buried metallic objects can readily be identified.

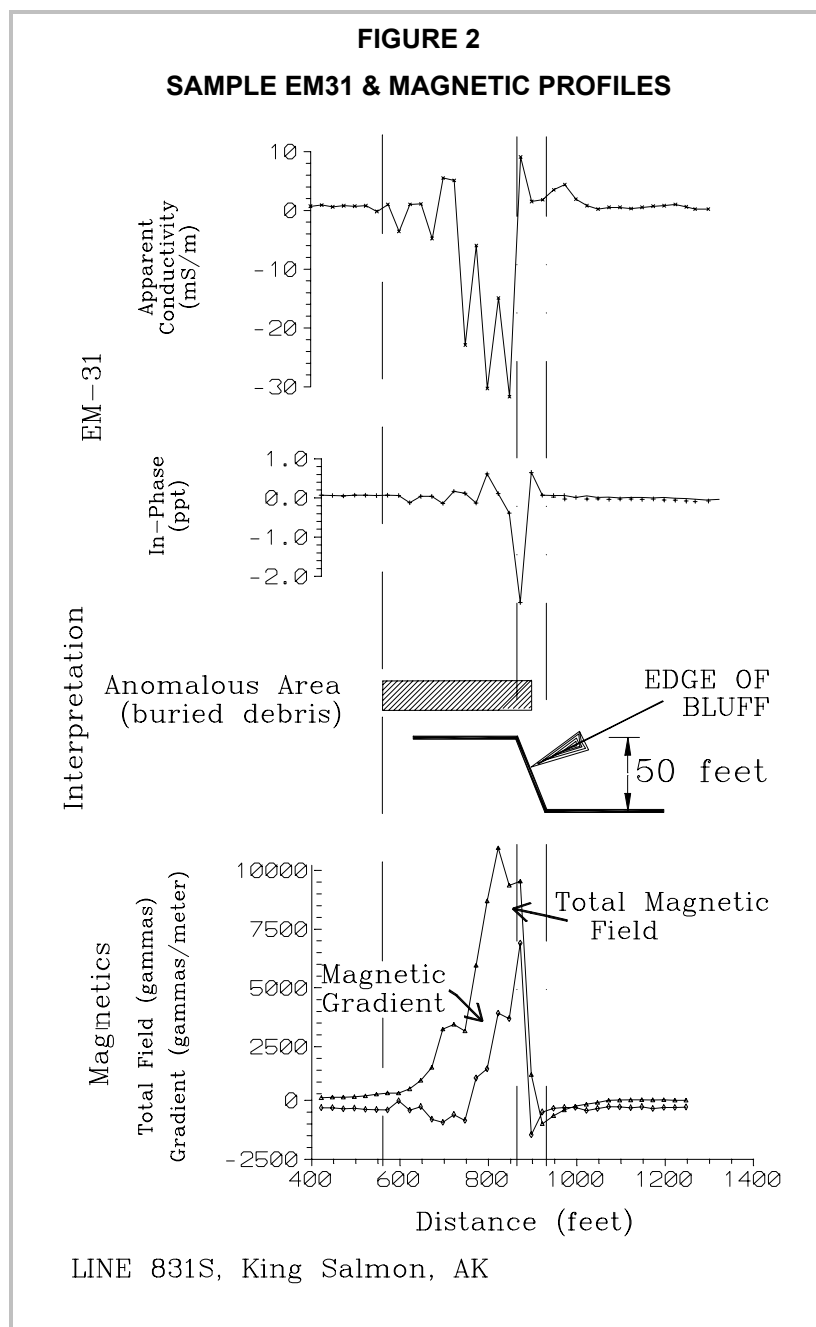
Frequency-domain EM – EM31

Frequency domain EM systems transmit a sinusoidal waveform at a fixed frequency, or multiple frequencies. The resulting secondary magnetic field may be phase shifted, depending on the nature of the target. Both the in-phase component (in phase with the primary magnetic field) and the quadrature phase component (shifted 90° from the primary field) can be measured to provide the phase shift information.



The Geonics EM-31 is a common frequency domain EM instrument, often used for buried object detection. The upper left photo on the cover shows the EM-31 in a field situation. A transmitter coil is in one end of the boom and a receiver coil in the other end. Depth of investigation is generally 10-15 feet, but the EM-31 may detect large metal objects at a somewhat greater distance. The instrument can quickly cover a wide area, mapping anomalous areas (metallic object locations) as well as changes in the soil character.

Figure 2 shows some sample data over a disposal site where 55 gallon steel drums had been dumped on the edge of a bluff and then covered with soil, extending the bluff for tens of feet (cross hatched block in Figure 2). The noisy and/or negative "apparent" conductivity is a clear indicator of metallic objects. The EM-31 also records an "in-phase response" which aids in identifying metallic conductors. Data in Figure 2 indicate the zone of burial extends from 560 feet to 940 feet along the line of the profile.



slower rate than currents induced in the ground. Hence, metallic conductors can be easily identified.

The EM61-MK2 is a time domain metal detector manufactured by Geonics, Ltd., of Toronto, Canada. The EM61-MK2 instrument consists of two horizontal air cored coils, 1.0 meter by 0.5 meters in size. The bottom coil acts as a receiver and transmitter and the top coil as a receiver. The top coil is mounted 28 centimeters above the bottom coil. The instrument weighs about 75 lbs. and is pulled by one operator.

The Geonics EM61-MKII has 4 time gates, to measure the rate of decay of the signal, and two receiver coils, to measure the field gradient. The rate of decay is dependant on the size, shape, and orientation of the metallic object. Generally, they are used to estimate gross target parameters, but can be used for more detailed discrimination of targets, particularly in identifying unexploded ordnance (UXO) materials.

The two receiver coils are very helpful in the recognition of near surface objects from deeper objects. Since the amplitude of the response is highly dependent on the distance between the coil assembly and target, small near surface targets often produce a

response orders of magnitude larger than targets having greater size at deeper depths. This masking effect from the near surface materials is drastically reduced by processing output of the two coils, essentially subtracting the bottom coil data from the top coil data. This is referred to as the differential mode or the differential signal.

Time-domain EM – EM61

Time-domain EM systems transmit a magnetic pulse, with a duration in the order of 10s of micro-seconds (μ s). That magnetic pulse induces electric currents in the ground as well as in any metallic object which is buried (or on the surface) within its range of influence. Currents induced in metallic conductors decay at a much

Figure 3 shows some sample data over a 55 gallon steel drums partially buried, essentially flush with the surface of the ground. The response from the top and bottom coils is

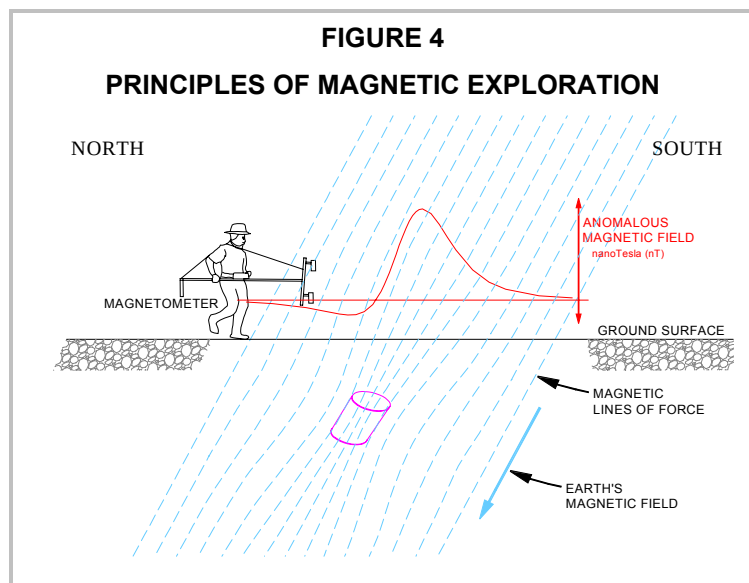
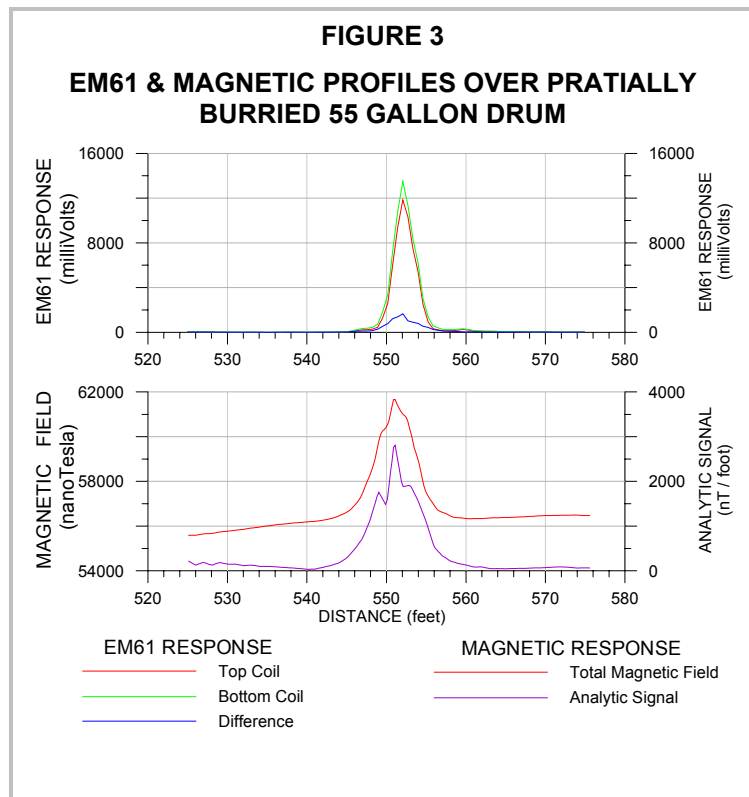
indicative of a substantial metallic presence. The relatively weak differential response is indicative of a shallow target.

Magnetic Methods:

Magnetic methods measure disturbances in the earth's natural magnetic field. These disturbances are caused by magnetic materials, either magnetic rocks, or man made objects containing iron or steel. This is shown schematically in Figure 4. Most soils have negligible magnetization (both induced and remanent). Thus, most magnetic disturbances from shallow sources can be attributed to iron or steel objects which have been placed there by man's activities.

Magnetometers used for buried object detection usually measure the gradient of the magnetic field. This is done by measuring the difference between the magnetic field at two sensors separated vertically by two or three feet. This configuration is more sensitive to nearby disturbances, and is less effected by disturbances caused by distant objects or shallow bedrock.

The upper right photo on the cover shows a magnetometer/gradientometer. This instrument can also cover wide areas quickly, providing complementary data to the EM. Figure 2 includes total magnetic field data and gradiometer data over the barrel disposal area. The large deviations in both total field and gradient are indicative of steel objects in close proximity.



Ground Penetrating Radar:

Ground penetrating radar (GPR), like other radar techniques, sends out an electromagnetic pulse (radio wave or microwave) which is reflected off a "target" and returns to the receiver. GPR operates at lower frequencies (80-500 MHz) than other radar to obtain better penetration in the earth materials. The antenna is pulled slowly along the ground surface to produce a continuous subsurface profile.

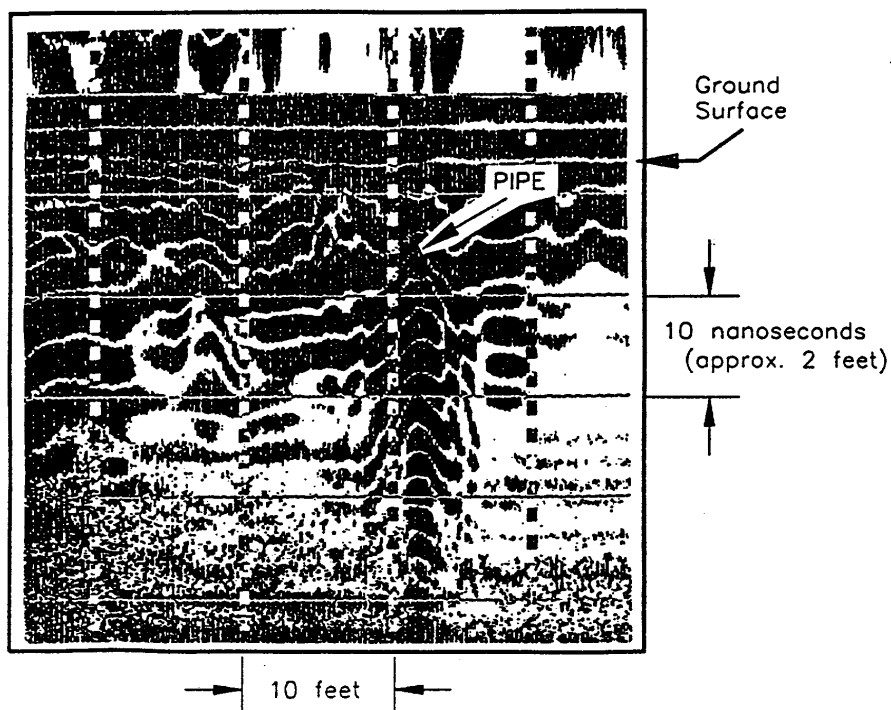
The lower photo on the cover shows a GPR unit in operation. The 500 MHz antenna shown is being pulled along the sidewalk. The control and recording unit, on the tailgate of the truck, is powered by a 12 volt automobile battery.

Figure 4 is an example GPR profile over a shallow pipe. The vertical scale is a time scale, giving the time for the radar pulse to travel down to the reflector and return to the receiver.

Knowing the pulse velocity in the soils, we can convert this to depth. The horizontal scale corresponds to distance along the surface. Fiducial time marks on the record are placed at ten foot intervals. The pipe reflector shown appears as a hyperbola on the record. The pipe produces a strong reflection with a characteristic ringing of the electronics, which appears as a dark band below the first arrival from the pipe.

GPR is a tool for looking at selected areas in detail. Its continuous subsurface profiles give a graphic portrayal of subsurface conditions, and often provide an excellent means of accurately locating pipes and tanks. However, the GPR depth of exploration is strongly dependent on soil conductivity and subsurface conditions. In dry, sandy soils useful data may be obtained from depths down to 15 feet, whereas in conductive clay soils, investigation depth is often limited to two or three feet.

FIGURE 4
SAMPLE GPR PROFILE



DISCUSSION:

As we have stressed, EM and magnetics are effective in screening large areas quickly to identify areas where buried objects may be present. Often these techniques can provide a rough estimate of the size and depth of the object causing the anomalous readings.

The choice of frequency domain EM (i.e. EM31) versus time-domain EM (i.e. EM61) depends on the objectives and the site. The EM61 is very effective at identifying small pieces of metal (e.g. unexploded ordnance), and offers some depth and discrimination capability. It is also less sensitive to cultural noise (e.g. buildings, vehicles, etc.) than the EM31. The EM61 can often resolve anomalies which are close together, where the EM31 could not. However, the EM61 requires a tight line spacing, typically 1 meter, to assure the area is covered. Also, the wheeled cart is difficult or impossible to operate on some sites (the EM61 can also be carried on a shoulder harness but is very awkward).

The EM31 is favored over the EM61 on more open sites where the objective is to locate underground tanks, drums, or collections of debris. The broader sphere of influence of the EM31 allows it to be run on a coarser line spacing, typically 5-20 feet depending on the target.

A major limitation of both EM and MAG is their sensitivity to "cultural noise". Buildings, fences, metallic surface debris, and vehicles all create cultural noise. The EM and magnetic instruments respond to any metallic objects, whether buried or in plain view above ground. Thus, areas within 20 to 40 feet of buildings, vehicles or pipelines will be masked by the strong response from those objects. EM and magnetics will not be able to definitively identify other buried objects within that masked zone.

GPR on the other hand is fairly immune to those forms of cultural noise. The radar signal is confined to a broad beam, spreading at roughly a 45° angle, beneath the antenna. Most antennas are well shielded with little upward

propagation of the pulse. Thus GPR can be run next to buildings, fences and parked vehicles. GPR may be run inside buildings and even over reinforced concrete.

Because the GPR beam is directional, it does not have the same utility as a reconnaissance tool as the EM and magnetics. Whereas the latter techniques would readily detect a large tank 10 or 20 feet off the survey line, GPR would not detect the tank unless the survey line passed directly over the tank.

CONCLUSIONS

No geophysical technique should be used without some form of "ground truth" by drilling, excavation, or some other form of sampling. The geophysical signature of an underground storage tank may be very similar to that of a buried automobile. However, geophysics can eliminate random drilling or extensive excavation when searching for underground tank or other materials.

To conclude, EM, magnetic and GPR techniques are effective, complimentary techniques used in the detection and delineation of subsurface metallic objects. The choice of technique or techniques depends very much on both site conditions and the survey objective.

FURTHER READING:

Benson, R.C., Glaccum, R.A., and Noel, M.R., 1982, Geophysical techniques for sensing buried wastes and waste migration: Report prepared by TECHNOS, Inc. for EPA, Advanced Monitoring Systems Division, Las Vegas, pp.235.

Evans, R.B., 1982, Currently available geophysical methods for use in hazardous waste site investigations: from Risk Assessment at Hazardous Waste Sites, ACS symposium series No.204, p.93-115.

French, R.B., Williams, T.R., and Foster, A.R., 1988, Geophysical surveys at a superfund site, Western Processing, Washington: Proc. of SAGEEP, March 1988, Golden, Colorado, p.747-753.

McNeill, J.D., 1990, Use of electro-magnetic methods for groundwater studies: in Geotechnical and Environmental Geophysics, ed.: S.H.Ward, SEG, IG#5, p.191:218.

Romig, Phillip, 1992, Engineering and Environmental Geophysics Get Top Billing at SAGEEP.: The Leading Edge Vol. 11, No. 11, P.36-37.

Steeple, Don, 1991, Uses and Techniques of Environmental Geophysics: The Leading Edge, Vol.10, no.9, P.30-31.

DISCUSSION OF GEOPHYSICAL TECHNIQUES

GEOPHYSICAL DETECTION OF BURIED OBJECTS

Northwest Geophysical Associates, Inc.

P.O. Box 1063

Corvallis, Oregon 97339

<http://www.nga.com>

phone: (541) 757-7231

Rowland B. French, PhD, R.G.

Senior Geophysicist

Revision: June 2006
copyright 2006, NGA, Inc.
Printed :July 14, 2006
File: b_b_teq_2006B.doc

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment F

March 24, 2010



Boring/Well Designation: DPT-22

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		GP	Asphalt Pea Gravel (Backfill)			0.0			2" boring backfilled with hydrated bentonite chips
2									
3		SW/GW	Sand and Gravel (Backfill) Brown; damp; sand and gravel						
4		GP	Pea Gravel (Backfill)						
5						0.0			
6									
7									
8		SC	Clayey Sand Damp; mostly sand with some clay and trace gravel, trace brick No petro odor						8' - Collect soil gas sample DPT-22SG as soil boring was advanced
9									
10			No Sample Due to Pea Gravel						
11									
12									
13									
14									
15									
16									Temporary 2" stainless steel screen 010 slot
17									
18									Ground water approx. 18' ATD
19									
20			End of Borehole						Natural filter pack



Boring/Well Designation: DPT-23

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2			Fill Black; mostly organic-rich gravel with some brick and twigs						2" boring backfilled with hydrated bentonite chips
3									
4		SM	Silty Sand Brown; damp; mostly sand with some silt			0.0			
5									
6									
7									
8		CL	Lean Clay Mottled Gray-Brown; damp; moderate plasticity; mostly clay with some silt			0.2			8' - Collect soil gas sample DPT-22SG as soil boring was advanced
9									
10									
11									
12		SP-SC	Poorly-Graded Sand with Clay Gray; damp to wet; mostly medium sand with some clay			0.6			
13									
14									
15									
16						0.5			Temporary 2" stainless steel screen 010 slot
17									
18									Ground water approx. 18' ATD
19									
20									Natural filter pack
21			End of Borehole						

Project No.: 51201.7



Boring/Well Designation: DPT-24

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Concrete						
2			Fill Black; mostly organic-rich gravel with some brick						2" boring backfilled with hydrated bentonite chips
3									
4						0.0			
5		SM	Silty Sand Gray; damp; mostly sand with some silt						
6									
7									
8		CL	Lean Clay Mottled Gray-Brown; damp; moderate plasticity; mostly clay with some silt and trace sand			0.0			8' - Collect soil gas sample DPT-24SG as soil boring was advanced
9									
10		SP-SC	Poorly-Graded Sand with Clay Gray; damp; mostly sand with silt and clay						
11									
12						0.0			
13									
14									
15						0.2			
16			Becomes red medium sand with trace gravel						Temporary 2" stainless steel screen 010 slot
17			groundwater encountered at 16'						
18									
19									
20									Natural filter pack
21			End of Borehole						



Boring/Well Designation: DPT-25

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SP	Concrete						2" boring backfilled with hydrated bentonite chips
2			Poorly-Graded Sand with gravel						
3			Brown; damp; mostly sand with some gravel						
4						0.0			
5									
6									
7									
8						0.0			8' - Collect soil gas sample DPT-25SG as soil boring was advanced
9									
10									
11		CL	Lean Clay						
12			Mottled brown and gray; wet; moderate plasticity; mostly clay with some silt			0.4			
13									
14		SP-SM	Poorly-Graded Sand with Silt						
15			Brown and gray; damp; mostly fine to medium sand with few silt and few clay			0.2			
16									
17									Temporary 2" stainless steel screen 010 slot
18									
19									Natural filter pack
20		GP	Poorly-Graded Gravel with Sand						
21			Gray; damp; mostly gravel with some sand						No Groundwater Encountered
22									
23			End of Borehole						



Boring/Well Designation: DPT-26

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2			Backfill Gravel, brick and organics						
3									
4		SP-SM	Poorly-Graded Sand with Silt Brown; damp; mostly sand with some silt and clay			0.8			
5									
6									
7		CL	Lean Clay Mottled brown and gray; damp; moderate plasticity; mostly clay with some silt and trace sand			0.8			
8									
9									
10									
11									
12						0.0			
13									
14		SP-SM	Poorly-Graded Sand with Silt Gray; damp to wet at 14'; mostly fine to medium sand with some silt			0.5			
15									
16									
17									
18									
19									
20									
21			End of Borehole						

2" boring
backfilled with
hydrated
bentonite chips

8' - Collect soil
gas sample
DPT-26SG as
soil boring was
advanced

Temporary 2"
stainless steel
screen 010 slot

Ground water
approx. 18.5'
ATD

Natural filter
pack



Boring/Well Designation: DPT-27

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SP-SM	Asphalt Poorly-Graded Sand with Silt Brown and gray; damp; mostly sand with some silt and clay						2" boring backfilled with hydrated bentonite chips
2									
3									
4						0.0			
5									
6									
7		CL	Lean Clay Mottled brown and gray; damp; moderate plasticity; mostly clay with some silt and trace sand			0.0			8' - Collect soil gas sample DPT-27SG as soil boring was advanced
8									
9									
10		SP-SM	Poorly-Graded Sand with Silt Gray; damp; mostly fine to medium sand with some silt and some clay			0.0			
11									
12									
13									
14									Temporary 2" stainless steel screen 010 slot
15						0.0			
16		SP	Poorly-Graded Sand with Silt Gray; damp; mostly medium sand with some silt						Ground water approx. 16' ATD
17									
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-28

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2			Sandy Gravelly Fill						2" boring backfilled with hydrated bentonite chips
3									
4		SW-SC	Well-Graded Sand with Clay Gray; damp; mostly sand with some clay and few silt			0.3			
5									
6									
7									
8		CL	Lean Clay Mottled brown and gray; damp; medium plasticity; mostly clay with some silt and trace sand			0.0			8' - Collect soil gas sample DPT-28SG as soil boring was advanced
9									
10									
11						0.5			
12		SP	Poorly-Graded Sand Gray; damp; mostly fine to medium sand; gradational contact from 11' -12'						
13									
14									
15						0.8			Temporary 2" stainless steel screen 010 slot
16			Groundwater encountered at 16'						Collect GW grab sample
17									
18									Natural filter pack
19									
20									
21			End of Borehole						



Boring/Well Designation: DPT-29

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		AF	Asphalt Sandy Gravelly Fill Sand, gravel, brick and organic; backfill						2" boring backfilled with hydrated bentonite chips
2									
3									
4						0.0			
5									
6		SW-SC	Well-Graded Sand with Clay Gray; damp; mostly sand with some clay and trace silt						
7									
8		CL	Lean Clay Mottled brown and gray; damp; medium plasticity; mostly clay with some silt and trace sand			0.0			8' - Collect soil gas sample DPT-29SG as soil boring was advanced
9									
10									
11						0.1			
12		SP	Poorly-Graded Sand Gray; damp; mostly fine to medium sand						
13									
14			Becomes red						Temporary 2" stainless steel screen 010 slot
15						0.2			
16			Groundwater encountered at 16'						Collect GW grab sample
17									
18									Natural filter pack
19			End of Borehole						
20									
21									

Project No.: 51201.7



Boring/Well Designation: DPT-30

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2			Sandy Gravelly Fill Gravel, wood chips, asphalt and pea gravel						2" boring backfilled with hydrated bentonite chips
3									
4		GP	Poorly-Graded Gravel Pea gravel backfill			2.7			
5		CL	Lean Clay Mottled brown and gray; damp; medium plasticity; mostly clay with some silt and trace sand						
6									
7									
8						1.6			8' - Collect soil gas sample DPT-30SG as soil boring was advanced
9									
10									
11		SP-SM	Poorly-Graded Sand with Silt Gray; damp; mostly medium sand with few silt			3.0			
12									
13									
14									
15			Groundwater encountered at 16' ATD			16.3			Temporary 2" stainless steel screen 010 slot
16									Collect GW grab sample
17									
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-31

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:





Boring/Well Designation: DPT-32

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/14/09

Site Address: Montesano, WA

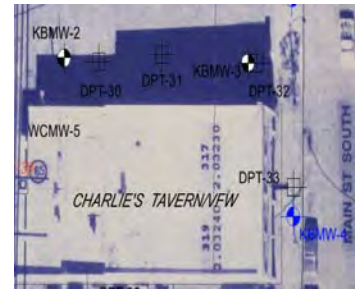
Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		AF	Asphalt Sandy Gravelly Fill Gravel, brick and organics						2" boring backfilled with hydrated bentonite chips
2									
3		SW-SC	Well-Graded Silty Sand with Clay Gray; damp; mostly sand with some silt and few clay						
4						0.0			
5		CL	Lean Clay Gray with mottled brown; damp; medium plasticity; mostly clay with some silt and trace sand						
6									
7									
8						0.0			8' - Collect soil gas sample DPT-32SG as soil boring was advanced
9									
10									
11		SW-SM	Well-Graded Sand with Silt Gray; damp; mostly medium sand with few silt			0.6			
12									
13									
14		SP	Poorly-Graded Sand Gray; damp; mostly medium sand with few silt Grades to fine to medium sand			0.2			Temporary 2" stainless steel screen 010 slot Collect GW grab sample
15									
16									
17			Groundwater encountered at ~16'						
18									Natural filter pack
19									
20									
21			End of Borehole						

Boring/Well Designation: DPT-33

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

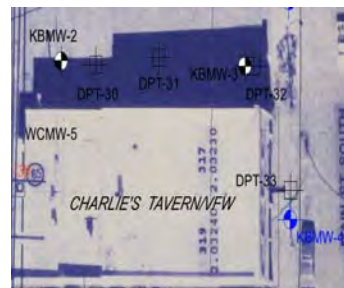
Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1	SM		Asphalt						
2			Silty Sand Gray-brown; damp; mostly sand with some silt and few clay						2" boring backfilled with hydrated bentonite chips
3									
4						1.1			
5									
6									
7									
8		CL	Lean Clay Gray-brown; damp; medium plasticity; mostly clay			0.8			8' - Collect soil gas sample DPT-33SG as soil boring was advanced
9									
10	SW		Well-Graded Sand with Gravel Gray; damp; mostly medium sand with some gravel			4.8			
11									
12									
13	SP		Poorly-Graded Sand with Gravel Gray; damp; mostly fine to medium sand with few gravel			3.4			Temporary 2" stainless steel screen 010 slot
14									
15									
16									
17			Groundwater encountered at ~17'						Collect GW grab sample
18									Natural filter pack
19									
20									
21			End of Borehole						



Boring/Well Designation: DPT-34

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/12/09

Site Address: Montesano, WA

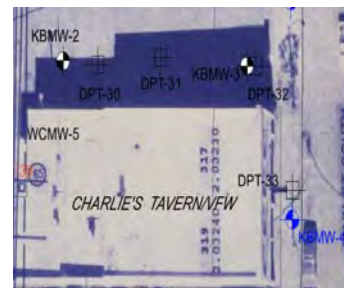
Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Gray-brown; damp; mostly sand with some silt and few clay; Iron-staining						2" boring backfilled with hydrated bentonite chips
2									
3									
4						0.0			
5									
6									
7									
8		CL	Lean Clay Mottled brown; mostly clay with some silt and trace sand			0.0			8' - Collect soil gas sample DPT-34SG as soil boring was advanced
9									
10		SM	Silty Sand Gray-brown; damp; mostly sand with some silt and few clay			0.8			
11									
12		SW	Well-Graded Sand with Gravel Gray; damp; mostly medium sand with some gravel						
13									
14									
15		SP	Poorly-Graded Sand with Gravel Gray; damp; mostly fine to medium sand with few gravel			1.2			Temporary 2" stainless steel screen 010 slot
16									Collect GW grab sample
17			Groundwater encountered at ~16.5'						
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-35

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/12/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt						
2			Well Graded Sand with Clay Gray; damp; mostly sand with few clay and trace silt; some gray and brown mottling			1.6			2" boring backfilled with hydrated bentonite chips
3									
4									
5									
6						2.1			
7									
8		CL	Lean Clay Mottled gray and brown; damp; medium plasticity; mostly clay with trace sand						8' - Collect soil gas sample DPT-35SG as soil boring was advanced
9									
10									
11		SP	Poorly-Graded Sand Brown; moist; mostly fine to medium sand with trace gravel			0.9			
12									
13									
14						1.7			
15									
16			Becomes saturated at 16.5'						Collect GW grab sample
17									Temporary 2" stainless steel screen 010 slot
18									
19			End of Borehole						Natural filter pack
20									
21									



Boring/Well Designation: DPT-36

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt						
2			Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.4			2" boring backfilled with hydrated bentonite chips
3									
4		CL	Lean Clay Mottled gray-brown; damp; mostly clay with few silt						
5									
6		SW-SC	Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.4			
7									
8									8' - Collect soil gas samples DPT-36SG as soil boring was advanced
9									
10		SP	Poorly-Graded Sand with Gravel Gray; moist; mostly fine to medium sand with little gravel						
11									
12									
13						0.1			Temporary 2" stainless steel screen 010 slot
14									
15						0.3			Natural filter pack
16			Becomes saturated at 16'						Collect GW grab sample
17			End of Borehole						
18									
19									
20									
21									



Boring/Well Designation: DPT-37

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 11/12/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Drill Rig: Power Probe 9630
Method: Direct-Push Technology
Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Mottled gray-brown; damp; mostly sand with some silt and few clay			0.2			2" boring backfilled with hydrated bentonite chips
2									
3									
4									
5									
6						0.6			
7									
8		CL	Lean Clay Mottled gray-brown; damp; mostly medium plasticity; mostly clay with few silt and trace sand						8' - Collect soil gas samples DPT-37SG as soil boring was advanced
9									
10									
11		SP	Poorly-Graded Sand with Gravel Brown-gray; damp; medium plasticity; mostly medium sand with little gravel						
12									
13						0.8			
14									
15			Becomes saturated at 16.5'			1.1			Temporary 2" stainless steel screen 010 slot
16									Collect GW grab sample
17									
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-38

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/12/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1			Asphalt						
2			Fill						
3		CL	Lean Clay Brown; medium plasticity; mostly clay with few sand			0.0			
4		SW-SC	Well Graded Sand with Clay Brown-gray with red mottling; damp; mostly sand with few clay						
5									
6						0.0			
7									
8									
9									
10									
11		SP	Poorly-Graded Sand with Gravel Gray; moist; mostly sand with little gravel						
12									
13						0.1			
14									
15			Groundwater at 16' ATD			0.3			
16									
17									
18									
19									
20									
21			End of Borehole						

2" boring backfilled with hydrated bentonite chips

8' - Collect soil gas samples DPT-38SG as soil boring was advanced

Temporary 2" stainless steel screen 010 slot

Collect GW grab sample

Natural filter pack



Boring/Well Designation: DPT-39

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Mostly sand with some silt						2" boring backfilled with hydrated bentonite chips
2									
3									
4									No soil sample collected
5		CL	Lean Clay Mostly clay with few silt						
6									
7									8' - Collect soil gas samples DPT-39SG
8			End of Borehole						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									

Project No.: 51201.7



Boring/Well Designation: DPT-40

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Mostly sand with some silt and trace clay						2" boring backfilled with hydrated bentonite chips
2									
3									
4									No soil sample collected
5		CL	Lean Clay Brown; mostly clay with few silt						
6									
7									8' - Collect soil gas samples DPT-40SG
8			End of Borehole						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									



Boring/Well Designation: DPT-41

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/12/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Mostly sand with some silt						2" boring backfilled with hydrated bentonite chips
2									
3									
4									No soil sample collected
5		CL	Lean Clay Mostly clay with few silt						
6									
7									8' - Collect soil gas samples DPT-41SG as soil boring was advanced
8			End of Borehole						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									



Boring/Well Designation: DPT-42

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/12/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1	SM		Asphalt						2" boring backfilled with hydrated bentonite chips
2			Silty Sand						
3			Brown; mostly sand with some silt						
4									No soil sample collected
5									
6	CL		Lean Clay						
7			Brown; mostly clay with few silt						
8									8' - Collect soil gas samples DPT-42SG
9			End of Borehole						
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									



Boring/Well Designation: DPT-43

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/15/09

Site Address: Montesano, WA

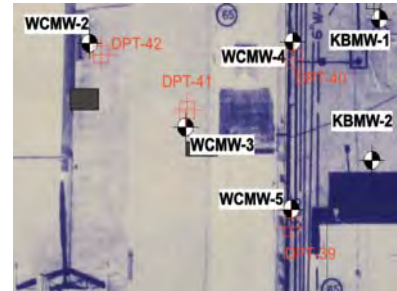
Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SM	Asphalt Silty Sand Brown; mostly sand with some silt						2" boring backfilled with hydrated bentonite chips
2									
3									
4									No soil sample collected
5		CH	Fat Clay Brown; medium plasticity; mostly clay with few silt						
6									
7									8' - Collect soil gas samples DPT-43SG
8			End of Borehole						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									



Boring/Well Designation: DPT-44

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt						
2			Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.1			2" boring backfilled with hydrated bentonite chips
3									
4									
5									
6		CH	Fat Clay Brown; damp; mostly clay with few silt			0.0			
7									
8		SW-SC	Well Graded Sand with Clay Mottled brown-gray; damp; mostly fine sand with few clay and trace silt						8' - Collect soil gas samples DPT-44SG as soil boring was advanced
9									
10									
11									
12									
13						0.8			
14									
15						0.5			
16		SP	Poorly-Graded Sand Moist; mostly fine to medium sand with few silt and trace clay						Temporary 2" stainless steel screen 010 slot
17									
18			Groundwater encountered at 18' ATD						Collect GW grab sample
19									Natural filter pack
20									
21			End of Borehole						



Boring/Well Designation: DPT-45

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt Well Graded Sand with Clay Brown; damp; mostly sand with few silt and trace clay			0.0			2" boring backfilled with hydrated bentonite chips
2									
3									
4									
5		CH	Fat Clay Mottled brown-gray; high plasticity; mostly clay with few silt			0.0			
6									
7									
8									8' - Collect soil gas samples
9									DPT-45SG as soil boring was advanced
10		SW-SC	Well Graded Sand with Clay Brown-gray; mostly sand with trace clay and trace silt						
11									
12									
13						4.1			
14									Temporary 2" stainless steel screen 010 slot
15		SP	Poorly-Graded Sand Gray; saturated; mostly fine to medium sand			4.1			Collect GW grab sample
16									
17									
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-46

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.0			2" boring backfilled with hydrated bentonite chips
2									
3									
4									
5									
6						0.0			
7		CH	Fat Clay Mottled brown-gray; damp; high plasticity; mostly clay with few silt						8' - Collect soil gas samples
8									DPT-46SG as soil boring was advanced
9									
10									
11									
12									
13		SW-SC	Well Graded Sand with Clay Brown; mostly sand with few clay and trace silt			0.1			Temporary 2" stainless steel screen 010 slot
14									Collect GW grab sample
15		SP	Poorly-Graded Sand Gray; saturated; mostly fine to medium sand			0.2			Natural filter pack
16									
17									
18			End of Borehole						
19									
20									
21									



Boring/Well Designation: DPT-47

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.0			2" boring backfilled with hydrated bentonite chips
2									
3									
4		CH	Fat Clay Mottled brown-gray; high plasticity; mostly clay with few silt			0.0			
5									
6									
7									
8									8' - Collect soil gas samples
9									DPT-47SG as soil boring was advanced
10									
11									
12									
13		SW-SC	Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.0			
14									Temporary 2" stainless steel screen 010 slot
15		SP	Poorly-Graded Sand Gray; saturated; mostly fine to medium sand			0.0			Collect GW grab sample
16									
17									
18									Natural filter pack
19			End of Borehole						
20									
21									



Boring/Well Designation: DPT-48

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 11/13/09

Site Address: Montesano, WA

Drilling Contractor: Cascade Drilling, L.P.

Drill Rig: Power Probe 9630

Method: Direct-Push Technology

Borehole: 2"

Site Representation:

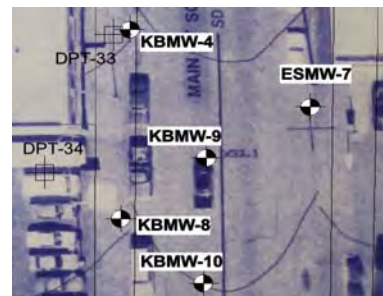


Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	Description	Interval	Recovery				
0			Ground Surface						
1		SW-SC	Asphalt Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.0			2" boring backfilled with hydrated bentonite chips
2									
3									
4									
5		CH	Fat Clay Mottled brown-gray; high plasticity; mostly clay with few silt			0.0			
6									
7									
8									8' - Collect soil gas samples
9									DPT-48SG as soil boring was advanced
10									
11									
12									
13		SW-SC	Well Graded Sand with Clay Brown; damp; mostly sand with few clay and trace silt			0.0			
14									Temporary 2" stainless steel screen 010 slot
15		SP	Poorly-Graded Sand Gray; saturated; mostly fine to medium sand			0.0			Collect GW grab sample
16									
17									
18			End of Borehole						Natural filter pack
19									
20									
21									

Boring/Well Designation: KBMW-4

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 12/11/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Method: Hollow Stem Auger (HSA)
Drill Rig: CME-75
Borehole: 8"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval Recovery	Blows per 6"				
0			Ground Surface						
1		SW-SM	Asphalt						Traffic rated monument
2			Well Graded Sand with Silt						Concrete
3			Brown; damp; mostly sand with few silt						Hydrated bentonite chips
4									
5		CL	Lean Clay		10-12-14	KBMW-4:5	11.4		Blank SCH 40 PVC
6			Mottled brown-gray; damp; mostly clay						
7									
8		SW-SM	Well Graded Sand with Silt						
9			Brown; damp; mostly fine to medium sand with few silt						
10									
11									
12		SP	Poorly-Graded Sand		4-7-7	KBMW-4:13	11.7		Slight petroleum odor
13			Brown; mostly fine to medium sand						
14		SW	Well Graded Sand with Gravel		17-20-22	KBMW-4:14.5	15.2		Petroleum odor
15			Mostly medium sand with little gravel		14-16-19	KBMW-4:16	650		
16									
17									
18									
19									
20									
21					22-30-32		21.2		Colorado silica sand pack
22									
23									
24									
25									
26									2" 020 slot SCH 40 PVC
27			End of Borehole		33-50 (4")		7.6		

Boring/Well Designation: KBMW-5

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 12/11/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Method: Hollow Stem Auger (HSA)
Drill Rig: CME-75
Borehole: 8"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval	Recovery	Blows per 6"	Sample		
0			Ground Surface						
1			Concrete						Traffic rated monument
2			Gravel Fill Organics						Concrete
3									Hydrated bentonite chips
4		SW-SM	Well Graded Sand with Silt Brown; damp; mostly sand with few silt						
5						2-4-6	KBMW-5:5	1.2	Blank SCH 40 PVC
6									
7		CL	Lean Clay Mottled brown and gray; mostly clay with few silt						
8									
9									
10									
11						4-4-4	KBMW-5:10	0.2	
12									
13		SW-SM	Well Graded Sand with Silt Brown; damp; mostly sand with few silt						Slight petroleum odor
14									Petroleum odor
15		SP	Poorly-Graded Sand Brown; mostly fine to medium sand			32-20-21	KBMW-5:15	4.6	
16									
17		SW	Well Graded Sand with Gravel Gray; saturated; mostly medium to coarse sand with little gravel						
18									
19									
20									
21						20-24-34		9.1	Colorado silica sand pack
22									
23									
24									
25									
26						29-31-40		8.3	2" 020 slot SCH 40 PVC
27			End of Borehole						

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE			PID (ppm)	Sheen	Well Data	Comments	
	Log	USCS Code	DESCRIPTION	Interval Recovery	Blows per 6"	Sample					
0			Ground Surface								
1		SW-SM	Concrete							Traffic rated monument	
2			Well Graded Sand with Silt							Concrete	
3			Brown; damp; mostly sand with few silt and trace gravel							Hydrated bentonite chips	
4											
5											
6					3-3-4	KBMW-6:5	1.2			Blank SCH 40 PVC	
7											
8		CL	Lean Clay								
9			Mottled gray and brown; damp; mostly clay								
10											
11					4-4-6	KBMW-6:10	32.1				
12		SW-SM	Well Graded Sand with Silt								
13			Brown; damp; mostly sand with few silt								
14			Becomes saturated at 17.4'								
15											
16					10-17-20	KBMW-6:15	75.2			Apparent petroleum odors from 14'-25'	
17											
18		SW	Well Graded Sand with Gravel								
19			Mostly sand with little gravel								
20											
21									12.6		Colorado silica sand pack
22											
23											
24		SP	Poorly-Graded Sand								
25			Gray; damp to moist; mostly fine sand with trace gravel						7.1		2" 020 slot SCH 40 PVC
26			End of Borehole								

Project No.: 51201.7

Boring/Well Designation: KBMW-7

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 12/10/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Method: Hollow Stem Auger (HSA)
Drill Rig: CME-75
Borehole: 8"

Site Representation:

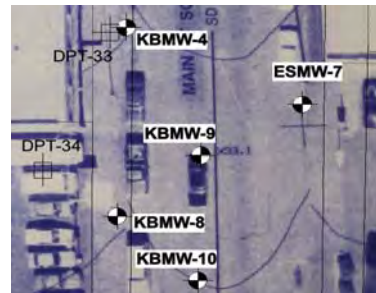


Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval	Recovery	Blows per 6"	Sample		
0			Ground Surface						
1		SW-SM	Concrete						Traffic rated monument
2			Well Graded Sand with Silt						Concrete
3			Mottled brown-gray; damp; mostly sand with few silt						Hydrated bentonite chips
4									
5						2-5-7	KBMW-7:5	0.8	Blank SCH 40 PVC
6									
7		CL	Lean Clay						
8			Mottled brown-gray; damp; mostly clay with few silt						
9									
10									
11		SP	Poorly-Graded Sand			5-94	KBMW-7:10	0.4	
12			Gray; damp; mostly fine to medium sand						
13			Becomes saturated at 13.5'						
14									
15						9-12-14	KBMW-7:15	1.5	
16		SW	Well Graded Sand with Gravel						
17			Gray; saturated; mostly fine to medium sand with little gravel						
18									
19									
20									
21						9-10-10		1.9	Colorado silica sand pack
22									
23									
24									
25			End of Borehole			9-19-20		4.5	2" 020 slot SCH 40 PVC
26									

Boring/Well Designation: KBMW-8

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 12/10/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Method: Hollow Stem Auger (HSA)
Drill Rig: CME-75
Borehole: 8"

Site Representation:

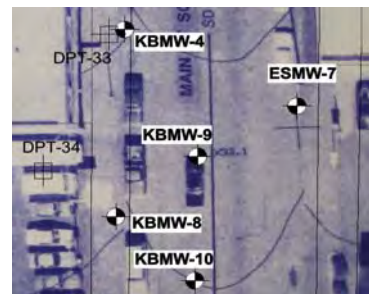


Depth	SUBSURFACE PROFILE			SAMPLE			PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval	Recovery	Blows per 6"	Sample			
0			Ground Surface							
1		SW-SM	Concrete							Traffic rated monument
2			Well Graded Sand with Silt							Concrete
3			Brown; damp; mostly sand with few silt							Hydrated bentonite chips
4										
5						3-5-9	KBMW-8:5	3.2		Blank SCH 40 PVC
6										
7										
8		CL	Lean Clay			12-18-20	KBMW-8:8	5.9		
9			Mottled gray-brown; damp; mostly clay with few silt							
10		SP	Poorly-Graded Sand							
11			Gray; damp; mostly fine to medium sand with trace gravel							
12						22-50 (4")	KBMW-8:12	6.2		
13		SW	Well Graded Sand with Gravel							
14			Brown with zones of gray; saturated; mostly sand with little gravel							
15						50 (10")	KBMW-8:14.5	3.1		
16										
17										
18										
19										
20						50 (6")		6.5		Colorado silica sand pack
21										
22										
23										
24			End of Borehole			50 (6")		4.1		2" 020 slot SCH 40 PVC
25										
26										

Boring/Well Designation: KBMW-9

Client: Whitney's Chevrolet
Logged By: E. Caddey, L.G.
Date of Drilling: 12/11/09
Site Address: Montesano, WA
Drilling Contractor: Cascade Drilling, L.P.
Method: Hollow Stem Auger (HSA)
Drill Rig: CME-75
Borehole: 8"

Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval	Recovery	Blows per 6"	Sample		
0			Ground Surface						
1		SW-SM	Concrete						Traffic rated monument
2			Well Graded Sand with Silt						Concrete
3			Brown; mostly sand with few silt						Hydrated bentonite chips
4									
5		CL	Lean Clay			4-8-12	KBMW-9:5	273	Blank SCH 40 PVC
6			Mottled brown-gray; mostly clay						
7		SW-SM	Well Graded Sand with Silt						
8			Brown; mostly sand with few silt						
9									
10		SP	Poorly-Graded Sand			12-13-30	KBMW-9:10	43.2	
11			Gray; mostly fine to medium sand			22-50 (4")		22.2	
12									
13		SW	Well Graded Sand with Gravel			22-30-31	KBMW-9:13	1,640	Apparent petroleum odors at 13.5', continue to ground water
14			Brown; saturated; mostly medium to coarse sand with little gravel			32-50 (5")	KBMW-9:14.5	1,480	
15			Becomes blue-gray at 16'						
16									
17									
18									
19									
20									
21						29-30-37		367	Colorado silica sand pack
22									
23									
24									
25						50 (6")		17.8	2" 020 slot SCH 40 PVC
26									
			End of Borehole						

Boring/Well Designation: KBMW-10

Client: Whitney's Chevrolet

Logged By: E. Caddey, L.G.

Date of Drilling: 12/11/09

Site Address: Montesano, WA

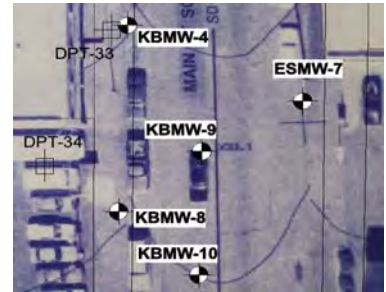
Drilling Contractor: Cascade Drilling, L.P.

Method: Hollow Stem Auger (HSA)

Drill Rig: CME-75

Borehole: 8"

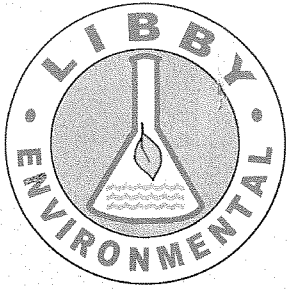
Site Representation:



Depth	SUBSURFACE PROFILE			SAMPLE		PID (ppm)	Sheen	Well Data	Comments
	Log	USCS Code	DESCRIPTION	Interval Recovery	Blows per 6"				
0			Ground Surface						
1			Concrete						Traffic rated monument
2			Red Brick						Concrete
3	SW-SM		Well Graded Sand with Silt Light brown; damp; mostly sand with few silt						Hydrated bentonite chips
4		CL	Lean Clay Mottled brown-gray; mostly clay		17-19-14	KBMW-10:5	2.2		Blank SCH 40 PVC
5									
6	SW-SM		Well Graded Sand with Silt Brown; damp; mostly sand with few silt						
7									
8									
9									
10	SW		Well Graded Sand with Gravel Brown to gray; moist to saturated; mostly medium sand with few gravel		17-20-22	KBMW-10:10	3.3		
11					27-31-36		6.7		
12					37-50 (5")	KBMW-10:13	9.1		
13					33-50 (3")		11.2		
14									
15									
16									
17									
18									
19									
20									
21					40 (6")		11.6		Colorado silica sand pack
22									
23									
24									
25									
26									2" 020 slot SCH 40 PVC
27			End of Borehole		50 (6")		4.9		

Whitney's Chevrolet
Remedial Investigation Report
Volume 3
Attachment G

March 24, 2010



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 3, 2009

Jerry Sawetz
Environmental Partners, Inc.
295 NE Gilman Boulevard
Suite 201
Issaquah, WA 98027

Dear Mr. Sawetz:

Please find enclosed the analytical data report for the Whitney's Chevrolet Project located in Montesano, Washington. Soil, water and vapor samples were analyzed for Volatile Organic Compounds by EPA Method 8260B, Gasoline by NWTPH-Gx, BTEX by EPA Method 8021B, Hydrocarbon Identification by NWTPH-HCID and Lead by EPA Method 7421 on November 12th, 13th, 14th and 15th, 2009.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work is enclosed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
President
Libby Environmental, Inc.

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B & 8260B SIM IN VAPOR

Sample Description		Method	DPT-42SG	DPT-41SG	DPT-34SG	DPT-35SG	DPT-37SG
		Blank					
Date Sampled	MDL	N/A	11/12/09	11/12/09	11/12/09	11/12/09	11/12/09
Date Analyzed		11/12/09	11/12/09	11/12/09	11/12/09	11/12/09	11/12/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd	nd	nd
Benzene *	1.1	nd	38	27	26	34	21
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd	nd	nd
Toluene	13.1	nd	280	126	76	64	74
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd	nd	nd
Ethylbenzene	8.9	nd	46	26	26	13	13
Total Xylenes	31.0	nd	178	275	179	95	109
Styrenes	9.5	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B & 8260B SIM IN VAPOR

Sample Description	Method	DPT-42SG	DPT-41SG	DPT-34SG	DPT-35SG	DPT-37SG
	Blank					
Date Sampled	MDL	N/A	11/12/09	11/12/09	11/12/09	11/12/09
Date Analyzed		11/12/09	11/12/09	11/12/09	11/12/09	11/12/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	19	12	nd	nd
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	nd	nd	nd	nd	6.0
tert-Butylbenzene	11.7	nd	nd	17	nd	nd
1,2,4-Trimethylbenzene *	1.2	nd	19	13	51	21
sec-Butylbenzene	12.5	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	nd	13	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	15	16	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd	nd
Naphthalenes *	1.8	nd	19	21	13	23.0
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd	nd
Surrogate Recovery						
Dibromofluoromethane		89.1	83.5	91.0	104	99.2
1,2-Dichloroethane-d4		85.6	80.9	88.5	102	113
Toluene-d8		73.9	66.8	77.8	120	105
4-Bromofluorobenzene		81.5	80.0	80.2	128	125

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EP1

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Laboratory Control Sample			
	Spiked Conc. ug/m3	Measured Conc. ug/m3	Spike Recovery (%)
1,1-Dichloroethene	1000	843	84
Benzene	1000	956	96
Toluene	1000	1090	109
Chlorobenzene	1000	1100	110
Trichloroethene (TCE)	1000	829	83
Surrogate Recovery			
Dibromofluoromethane			91.7
1,2-Dichloroethane-d4			104
Toluene-d8			89.1
4-Bromofluorobenzene			83.3

ACCEPTABLE RECOVERY LIMITS FOR LCS: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DUP-1	Method Blank	DPT-33SG	DPT-46SG	DUP-2	DPT-45SG
Date Sampled	MDL	11/12/09	N/A	11/13/09	11/13/09	11/13/09	11/13/09
Date Analyzed		11/12/09	11/13/09	11/13/09	11/13/09	11/13/09	11/13/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd	nd	nd
Benzene *	1.1	340	nd	24	34	37	18
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd	nd	nd
Toluene	13.1	81	nd	33	80	114	44
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	nd	210	240	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd	nd	nd
Ethylbenzene	8.9	10	nd	21	nd	54	nd
Total Xylenes	31.0	141	nd	80	34	150	58
Styrenes	9.5	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DUP-1	Method Blank	DPT-33SG	DPT-46SG	DUP-2	DPT-45SG
Date Sampled	MDL	11/12/09	N/A	11/13/09	11/13/09	11/13/09	11/13/09
Date Analyzed		11/12/09	11/13/09	11/13/09	11/13/09	11/13/09	11/13/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	nd	31	nd	nd	nd
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	37	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	10	nd	6	6	17	nd
tert-Butylbenzene	11.7	nd	nd	31	nd	12	nd
1,2,4-Trimethylbenzene *	1.2	15	nd	20	15	30	nd
sec-Butylbenzene	12.5	nd	nd	21	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	29	nd	nd	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	nd	17	nd	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd	nd	nd
Naphthalenes *	1.8	14.0	nd	18	11	18	35
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		99.9	103	96.8	97.3	93.8	107
1,2-Dichloroethane-d4		122	126	114	120	120	120
Toluene-d8		109	123	104	102	122	114
4-Bromofluorobenzene		131	132	130	123	128	131

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Laboratory Control Sample			
	Spiked Conc. ug/m3	Measured Conc. ug/m3	Spike Recovery (%)
1,1-Dichloroethene	1000	1040	104
Benzene	1000	1250	125
Toluene	1000	1150	115
Chlorobenzene	1000	1050	105
Trichloroethene (TCE)	1000	980	98
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			123
Toluene-d8			121
4-Bromofluorobenzene			134

ACCEPTABLE RECOVERY LIMITS FOR LCS: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DTP-44SG	DPT-47SG	DPT-48SG	Method Blank	DPT-25SG	DPT-24SG
Date Sampled	MDL	11/13/09	11/13/09	11/13/09	N/A	11/14/09	11/14/09
Date Analyzed		11/13/09	11/13/09	11/13/09	11/14/09	11/14/09	11/14/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd	nd	nd
Benzene *	1.1	39	19	93	nd	38	16
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd	nd	nd
Toluene	13.1	58	50	191	nd	29	17
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	47	nd	nd	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd	nd	nd
Ethylbenzene	8.9	10	105	700	nd	nd	nd
Total Xylenes	31.0	61	38	2750	nd	nd	nd
Styrenes	9.5	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DTP-44SG	DPT-47SG	DPT-48SG	Method Blank	DPT-25SG	DPT-24SG
Date Sampled	MDL	11/13/09	11/13/09	11/13/09	N/A	11/14/09	11/14/09
Date Analyzed		11/13/09	11/13/09	11/13/09	11/14/09	11/14/09	11/14/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	nd	77	nd	nd	nd
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	43	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	7	5	21	nd	8	5
tert-Butylbenzene	11.7	nd	15	nd	nd	nd	nd
1,2,4-Trimethylbenzene *	1.2	31	nd	20	nd	31	7
sec-Butylbenzene	12.5	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd	nd	nd
Naphthalenes *	1.8	9	8	8	nd	19	15
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		103	104	109	100	97.0	107
1,2-Dichloroethane-d4		116	116	127	130	127	126
Toluene-d8		111	106	112	124	108	111
4-Bromofluorobenzene		135	132	135	131	117	130

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Laboratory Control Sample			
	Spiked Conc. ug/m3	Measured Conc. ug/m3	Spike Recovery (%)
1,1-Dichloroethene	1000	933	93
Benzene	1000	1350	135
Toluene	1000	1230	123
Chlorobenzene	1000	1100	110
Trichloroethene (TCE)	1000	860	86
Surrogate Recovery			
Dibromofluoromethane			102
1,2-Dichloroethane-d4			124
Toluene-d8			127
4-Bromofluorobenzene			128

ACCEPTABLE RECOVERY LIMITS FOR LCS: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DUP-3	DPT-23SG	DPT-22SG	DPT-29SG	DPT-28SG	DPT-27SG
Date Sampled	MDL	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
Date Analyzed		11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd	nd	nd
Benzene *	1.1	54	16	48	20	29	16
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	16	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd	nd	nd
Toluene	13.1	79	57	51	72	92	60
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	nd	17	5	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd	nd	nd
Ethylbenzene	8.9	nd	nd	11	12	24	24
Total Xylenes	31.0	51	61	61	85	78	119
Styrenes	9.5	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DUP-3	DPT-23SG	DPT-22SG	DPT-29SG	DPT-28SG	DPT-27SG
Date Sampled	MDL	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
Date Analyzed		11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	5	4	4	4	3	5
tert-Butylbenzene	11.7	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene *	1.2	15	7	9	10	6	7
sec-Butylbenzene	12.5	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd	nd	nd
Naphthalenes *	1.8	13	11	11	13	11	11
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		97.7	102	108	107	122	98.4
1,2-Dichloroethane-d4		123	120	126	121	134	111
Toluene-d8		116	116	120	121	94.0	121
4-Bromofluorobenzene		133	134	132	123	89.0	133

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DPT-26SG	DPT-32SG	Method Blank	DPT-31SG	DPT-38SG	DPT-36SG
Date Sampled	MDL	11/14/09	11/14/09	N/A	11/15/09	11/15/09	11/15/09
Date Analyzed		11/14/09	11/14/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd	nd	nd
Benzene *	1.1	42	36	nd	17	47	4
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd	nd	nd
Toluene	13.1	68	55	nd	170	92	220
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	nd	14	nd	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd	nd	nd
Ethylbenzene	8.9	nd	9	nd	nd	93	78
Total Xylenes	31.0	45	62	nd	62	234	230
Styrenes	9.5	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env. Project No. L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DPT-26SG	DPT-32SG	Method Blank	DPT-31SG	DPT-38SG	DPT-36SG
Date Sampled	MDL	11/14/09	11/14/09	N/A	11/15/09	11/15/09	11/15/09
Date Analyzed		11/14/09	11/14/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	nd	nd	nd	nd	23
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	3	5	nd	5	16	20
tert-Butylbenzene	11.7	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene *	1.2	6	10	nd	13	45	9
sec-Butylbenzene	12.5	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd	nd	nd
Naphthalenes *	1.8	8	11	nd	200	62	26
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		101	100	97.1	87.4	101	88.6
1,2-Dichloroethane-d4		122	121	115	109	109	107
Toluene-d8		130	126	116	109	106	93.9
4-Bromofluorobenzene		133	127	129	130	129	135

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Laboratory Control Sample			
	Spiked Conc. ug/m3	Measured Conc. ug/m3	Spike Recovery (%)
1,1-Dichloroethene	1000	777	78
Benzene	1000	1040	104
Toluene	1000	1180	118
Chlorobenzene	1000	990	99
Trichloroethene (TCE)	1000	710	71
Surrogate Recovery			
Dibromofluoromethane			102
1,2-Dichloroethane-d4			116
Toluene-d8			100
4-Bromofluorobenzene			134

ACCEPTABLE RECOVERY LIMITS FOR LCS: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DPT-43SG	DPT-40SG	DPT-39SG	DPT-30SG
Date Sampled	MDL	11/15/09	11/15/09	11/15/09	11/15/09
Date Analyzed		11/15/09	11/15/09	11/15/09	11/15/09
	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	11.5	nd	nd	nd	nd
Chloromethane	11.1	nd	nd	nd	nd
Vinyl chloride *	0.42	nd	nd	nd	nd
Bromomethane	15.7	nd	nd	nd	nd
Chloroethane	11.1	nd	nd	nd	nd
Trichlorofluoromethane	13.8	nd	nd	nd	nd
1,1-Dichloroethene	11.2	nd	nd	nd	nd
Methylene chloride	500	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	11.7	nd	nd	nd	nd
1,1-Dichloroethane	10.0	nd	nd	nd	nd
2,2-Dichloropropane	10.2	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	11.3	nd	nd	nd	nd
Chloroform	10.7	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	8.2	nd	nd	nd	nd
Carbon tetrachloride	10.5	nd	nd	nd	nd
1,1-Dichloropropene	11.1	nd	nd	nd	nd
Benzene *	1.1	nd	20	14	28
1,2-Dichloroethane (EDC) *	0.92	nd	nd	nd	nd
Trichloroethene (TCE) *	0.91	nd	nd	nd	nd
1,2-Dichloropropane	11.7	nd	nd	nd	nd
Dibromomethane	8.8	nd	nd	nd	nd
Bromodichloromethane	10.3	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	7.2	nd	nd	nd	nd
Toluene	13.1	100	nd	16	nd
<i>Trans</i> -1,3-Dichloropropene	9.9	nd	nd	nd	nd
1,1,2-Trichloroethane	5.1	nd	nd	nd	nd
Tetrachloroethene (PCE) *	1.0	nd	nd	nd	nd
1,3-Dichloropropane	10.3	nd	nd	nd	nd
Dibromochloromethane	9.3	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.77	nd	nd	nd	nd
Chlorobenzene	11.5	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	12.2	nd	nd	nd	nd
Ethylbenzene	8.9	nd	nd	nd	nd
Total Xylenes	31.0	51	nd	nd	nd
Styrenes	9.5	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN VAPOR

Sample Description		DPT-43SG	DPT-40SG	DPT-39SG	DPT-30SG
Date Sampled	MDL	11/15/09	11/15/09	11/15/09	11/15/09
Date Analyzed		11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Bromoform	10.9	nd	nd	nd	nd
Isopropylbenzene	9.9	nd	nd	nd	nd
1,2,3-Trichloropropane	9.8	nd	nd	nd	nd
Bromobenzene	13.1	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	12.0	nd	nd	nd	nd
n-Propylbenzene	10.8	nd	nd	nd	nd
2-Chlorotoluene	9.2	nd	nd	nd	nd
4-Chlorotoluene	11.5	nd	nd	nd	nd
1,3,5-Trimethylbenzene *	1.2	nd	nd	3	4
tert-Butylbenzene	11.7	nd	nd	nd	nd
1,2,4-Trimethylbenzene *	1.2	nd	4	7	17
sec-Butylbenzene	12.5	nd	nd	nd	nd
1,3-Dichlorobenzene	10.7	nd	nd	nd	nd
Isopropyltoluene	11.4	nd	nd	nd	nd
1,4-Dichlorobenzene	10.7	nd	nd	nd	nd
1,2-Dichlorobenzene	10.5	nd	nd	nd	nd
n-Butylbenzene	8.6	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	18.7	nd	nd	nd	nd
1,2,4-Trichlorobenzene	7.7	nd	nd	nd	nd
Hexachloro-1,3-butadiene	19.8	nd	nd	nd	nd
Naphthalenes *	1.8	nd	32	36	35
1,2,3-Trichlorobenzene	9.8	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		91.4	103	91.7	93.0
1,2-Dichloroethane-d4		111	118	110	105
Toluene-d8		97.9	109	102	115
4-Bromofluorobenzene		118	128	99.1	114

"nd" Indicates not detected at listed detection limit.

"*" Indicates that the compound was analyzed by 8260B SIM

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/12/09 Page: 1 of 1

Project Manager: Jerry Sawetz

Project Name: Whitney

Location: 123 Pioneer Ave Montesano WA

Collector: Jerry Sawetz Date of Collection: 11/12/09

Client Project # 51201.7

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8260 SEM VOL 8270 + 8360 SEM	NWTPH-GX	NWTPH-DX	NWTPH-DX EXT	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 DPT-42SG	7.58	1136	SG	Swing	X							
2 DPT-41SG	7.58	1230	SG	"	X							
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												

Relinquished by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>	Remarks:	
Relinquished by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>		
Relinquished by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>		
Relinquished by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11/12/09 12:40</u>		
TAT			24HR	48HR	5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/12/09 Page: 1 of 1

Client: EPT

Project Manager: Jerry Sawetz

Address: 295 NE Gilman Blvd #201

Project Name: Whitney

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano WA

Client Project # 51201.7

Collector: Jerry Sawetz Date of Collection: 11/12/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B BTEX Only	VOA 8021B VOL 8270	SEM VOL 8270	NMTPH-HCID	NMTPH-GX	NMTPH-DX	PAH-DX EXL	PCBs 8082	MTCA 5 Metals	Field Note/# Containers
1 DPT-345G	75-8	1350	SG	Swage	XXXX									
2 DUP-1			SG	11 11										
3 DPT-355G	75-8	1520	SG	11 11										
4 DPT-375G	75-8	1640	SG	11 11										
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

Relinquished by: [Signature] Date / Time: 11/12/09 1705

Relinquished by: [Signature] Date / Time: 11/12/09 1445

Relinquished by: [Signature] Date / Time: 11/12/09 1705

Received by: [Signature] Date / Time: 11/12/09 1705

Received by: [Signature] Date / Time: 11/12/09 1705

Received by: [Signature] Date / Time: 11/12/09 1705

Remarks:

Sample Receipt:

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Client: Environmental Partners, Inc.

Address: 295 NE Gilman Blvd, Ste 201, Issaquah, WA

Phone: 425-395-0010 Fax: 425-395-0011

Date: 11/13/09 Page: 1 of 1

Project Manager: Ther Mon / Jerry Sewetz

Project Name: Whitney's Channel

Location: Montesano, WA

Collector: J. Sewetz Date of Collection: 11/13/09

Client Project # 51201.7

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only SEM VOL 8270 NWTPH-HCID NWTPH-GX NWTPH-DX NWTPH-DX EXL PAH 8270 PCBS 8082 MTCA 5 Metals	Field Note# Containers
1 DPT-3356	75-8	11:15	Soil/box	Seal	X	
2 DPT-4656	75-8	10:55	"	"	X	
3 DUP-2			"	"	X	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by:	Date / Time	Received by	Date / Time	Remarks:
<u>[Signature]</u>	<u>11/13/09 11:15</u>	<u>[Signature]</u>	<u>11/13/09 11:15</u>	
Relinquished by:	Date / Time	Received by	Date / Time	Good Condition?
				Cold?
Relinquished by:	Date / Time	Received by	Date / Time	Seals Intact?
				Total Number of Containers
				TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/13/09 Page: 1 of 1
Project Manager: Thom Morin/Jerry Sawetz
Project Name: Whitney
Location: Montesano WA
Collector: Jerry Sawetz Date of Collection: 11/13/09

Client: EPT
Address: 295 NE Gilman Blvd #201
Phone: 425-395-0010 Fax: 425-395-0011
Client Project # 51201.7

Sample Number	Depth	Time	Sample Type	Container Type	VOA 802/B VOA 8260 SEM VOL 8270 NMTPH-HGID NMTPH-GX NMTPH-DX PAH 8270 PCBs 8082 MTCA 5 Metals	Field Note# Containers
1 DPT-445SG	75-8	1315	Soil Gas	Sealed	X	
2 DPT-445SG	75-8	1442	Soil Gas	Sealed	X	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by: _____ Date / Time: 11/13/09 1450

Relinquished by: _____ Date / Time: 11/13/09 1450

Relinquished by: _____ Date / Time: _____

Received by: _____ Date / Time: 11/13/09 1450

Received by: _____ Date / Time: _____

Received by: _____ Date / Time: _____

Remarks: _____

Good Condition? _____

Cold? _____

Seals Intact? _____

Total Number of Containers _____

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/13/09 Page: 1 of 1

Client: EPI Project Manager: Iben Morin / Jerry Swetz

Address: 295 NE Gilman Blvd #201 Issaquah, WA Project Name: Whitae

Phone: 425-395-0010 Fax: 425-395-0011 Location: Montesano, WA

Client Project # 512017 Collector: Jerry Swetz Date of Collection: 11/13/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8260 BTEX Only	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	NWTPH-DX EXT	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 DDT-475G		1610	610s Syringe		X									
2 DDT-485G		1730	611		X									
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

Relinquished by:	Date / Time	Received by:	Date / Time	Remarks:
Relinquished by:	Date / Time	Received by:	Date / Time	
Relinquished by:	Date / Time	Received by:	Date / Time	

TAT	24HR	48HR	5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/14/09 Page: 1 of 1

Client: EPT

Project Manager: Thompson/Jerry Sawetz

Address: 295 NE Gilman Blvd #201 Issaquah

Project Name: Whitney

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano, WA

Client Project # 51201.7

Collector: Jerry Sawetz

Date of Collection: 11/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only SEMI VOL 8270 NMTPH-HCID NMTPH-GX NMTPH-DX NMTPH-DX EK PAH 8270 PCBs 8082 MTCA 5 Metals	Field Note# Containers
1 DPT-25SG	7.5-8	830	Swirl Core Sample		X	
2 DPT-24SG	7.5-8	1000	" "		X	
3 DUP-3			" "		X	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by: *[Signature]* Date / Time: 11/14/09 10:12A

Relinquished by: *[Signature]* Date / Time: 11/14/09 10:12A

Relinquished by: _____ Date / Time: _____

Received by: *[Signature]* Date / Time: 11/14/09 10:12A

Received by: *[Signature]* Date / Time: 11/14/09 10:12A

Received by: _____ Date / Time: _____

Remarks:

Sample Receipt:

Good Condition? ☒

Cold? ☒

Seals Intact? ☒

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Client: **FPI**

Address: **295 NE Gilman Blvd #1201 Issaquah**

Phone: **425-355-0010** Fax: **425-395-0011**

Client Project # **51201.7**

Date: **11/14/09** Page: **1** of **1**

Project Manager: **Thom Mason / Jerry Sawetz**

Project Name: **Whitney**

Location: **Montesano, WA**

Collector: **Jerry Sawetz** Date of Collection: **11/14/09**

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only SEM VOL 8270 NWTPH-HCID NWTPH-GX NWTPH-DX NWTPH-DX EK PAH 8270 PCBs 8082 MTCA 5 Metals	Field Note# Containers
1 DPT-235G	7.5-8	1125	Soil Gas Sample			
2 DPT-225G	7.5-8	1245	Soil Gas Sample			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by: **[Signature]** Date / Time: **11/14/09 1330**

Relinquished by: **[Signature]** Date / Time: **11/14/09 1330**

Relinquished by: **[Signature]** Date / Time: **11/14/09 1330**

Received by: **[Signature]** Date / Time: **11/14/09 1330**

Received by: **[Signature]** Date / Time: **11/14/09 1330**

Received by: **[Signature]** Date / Time: **11/14/09 1330**

Remarks:

Sample Receipt:

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/14/09 Page: 1 of 1

Client: EPI

Project Manager: Thom Maria / Jerry Sawetz

Address: 295 NE Gilman Blvd # 201 Issaquah

Project Name: Whitney

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano, WA

Client Project # 51201.7

Collector: Jerry Sawetz Date of Collection: 11/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8260 + 8340 SEM VOL 8270 NWTPH-HCID NWTPH-GX NWTPH-DX PAH 8270 PCBs 8082 MTCA 5 Metals	Field Note/# Containers
1 DPT-24SG	7.5-8	355	Soils Sample			
2 DPT-28SG	7.5-8	1455	"			
3 DPT-27SG	7.5-8	1550	"			
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by: *[Signature]* Date / Time: 11/14/09 15:10

Relinquished by: *[Signature]* Date / Time: 11/14/09 16:10

Relinquished by: *[Signature]* Date / Time: *[Blank]*

Received by: *[Signature]* Date / Time: 11/14/09 16:10

Received by: *[Signature]* Date / Time: *[Blank]*

Received by: *[Signature]* Date / Time: *[Blank]*

Remarks:

Sample Receipt:

Good Condition? ☐

Cold? ☐

Seals Intact? ☐

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/14/09 Page: 1 of 1

Client: EPI

Project Manager: Thom Mason / Jerry Sawetz

Address:

295 NE Gilman Blvd #201 Issaquah, WA

Phone:

425-395-0010

Location: Montesano WA

Client Project #

512017

Collector: Jerry Sawetz

Date of Collection: 11/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B BTEX Only	VOA 8021B VOL 8270	SEM VOL 8270	NMTPH-HCID	NMTPH-GX	NMTPH-DX	NMTPH-DX EX	PAH 8270	PCBs 8082	MTCA 5 Metals	Field Note/# Containers
1 DPT-26SG	7.5-8	1655	Soil Gas	Syringe	X										
2 DPT-32SG	7.5-8	1820	" "	" "	X										
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: *[Signature]* Date / Time: 11/14/09 19:06

Relinquished by: *[Signature]* Date / Time: 11/14/09 19:06

Relinquished by: _____ Date / Time: _____

Received by: *[Signature]* Date / Time: 11/14/09 19:06

Received by: _____ Date / Time: _____

Received by: _____ Date / Time: _____

Remarks:

Sample Receipt:

Good Condition? _____

Cold? _____

Seals Intact? _____

Total Number of Containers: _____

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/15/09 Page: 1 of 1

Client: EPI

Project Manager: Thom Meier / Tony Sawetz

Address: 295 NE Gilman Blvd #201 Issaquah

Project Name: Whitaker

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano WA

Client Project # 51201.7

Collector: Jerry Sawetz Date of Collection: 11/15/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only SEM VOL 8270 NWTPH-HCID NWTPH-GX NWTPH-DX NWTPH-DX EXL PAH 8270 PCB's 8082 MTCA 5 Metals	Field Note/# Containers
1 DPT-315G	7.5-8	9:55	Soil gas	Surge		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by: *[Signature]* Date / Time: 11/15/09 10:18

Relinquished by: *[Signature]* Date / Time: 11/15/09 10:18

Relinquished by: *[Signature]* Date / Time: 11/15/09 10:18

Received by: *[Signature]* Date / Time: 11/15/09 10:18

Received by: *[Signature]* Date / Time: 11/15/09 10:18

Received by: *[Signature]* Date / Time: 11/15/09 10:18

Remarks:

Sample Receipt:

Good Condition? ☐

Cold? ☐

Seals Intact? ☐

Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: FPI

Address: 295 NE Gilman Blvd #201 Tacoma WA

Phone: 425-395-0010 Fax: 425-395-0011

Client Project # 51201.7

Chain of Custody Record

Date: 11/15/09 Page: 1 of 1

Project Manager: Thom Moya / Jerry Sawetz

Project Name: Whitney

Location: Montesano, WA

Collector: Jerry Sawetz Date of Collection: 11/15/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only SEM VOL 8270 NMTPH-HCID NMTPH-GX NMTPH-DX NMTPH-DX-EK PAH 8270 PCBs 8082 MTCA 5 Metals	Field Note# Containers
1 DPT-385G	7.5-8	1145	Sail Gas Sample			
2 DPT-365G	7.5-8	1315	Sail Gas Sample			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by:	Date / Time	Received by:	Date / Time	Remarks:
<u>[Signature]</u>	<u>11/15/09 1355</u>	<u>[Signature]</u>	<u>11/15/09 1353</u>	
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition? Cold? Seals Intact? Total Number of Containers
Relinquished by:	Date / Time	Received by:	Date / Time	TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/15/09 Page: 1 of 1

Client: EPT

Project Manager: Thom Maria / Jerry Sawetz

Address: 295 NE Gilman Blvd Issaquah

Project Name: Whitney

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano, WA

Client Project # 512017

Collector: Jerry Sawetz

Date of Collection: 11/15/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 82601 BTEX Only SEM VOL 8270 NMTPH-HCID NMTPH-GX NMTPH-DX NMTPH-DX EX PAH 8270 PCB's 8082 MTCA 5 Metals	Field Note/# Containers
1 DPT-435G	7.5-8	1450	Soil Gas	Syringe	XX	
2 DPT-405G	7.5-8	1520	" "	" "	XX	
3 DPT-395G	7.5-8	1555	" "	" "	XX	
4 DPT-305G	7.5-8	1630	" "	" "		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Relinquished by:	Date / Time	Received by:	Date / Time	Remarks:
<i>[Signature]</i>	11/15/09 1635	<i>[Signature]</i>	11/15/09 1635	Sample Receipt: Good Condition? Cold? Seals Intact? Total Number of Containers
<i>[Signature]</i>	11/15/09 17:05	<i>[Signature]</i>	11/15/09 17:35	
<i>[Signature]</i>		<i>[Signature]</i>		

Relinquished by:	Date / Time	Received by:	Date / Time	TAT	24HR	48HR	5-Day
<i>[Signature]</i>		<i>[Signature]</i>					

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description	Method	DPT-34GW	DPT-35GW	DPT-37GW	DPT-33GW	DPT-46GW
	Blank					
Date Sampled	Reporting	N/A	11/12/09	11/12/09	11/12/09	11/13/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd
Benzene	1.0	nd	230	nd	836	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	4.1	nd	7.9	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd
Toluene	1.0	nd	63.5	nd	1640	nd
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	6.0	nd	nd	nd
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	380	1.7	2160	nd
Total Xylenes	2.0	nd	709	nd	7310	nd
Styrenes	1.0	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description	Method	DPT-34GW	DPT-35GW	DPT-37GW	DPT-33GW	DPT-46GW
	Blank					
Date Sampled	Reporting	N/A	11/12/09	11/12/09	11/12/09	11/13/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	36.6	1.9	nd	177
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	32.3	2.9	nd	210
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	31.3	3.9	nd	145
tert-Butylbenzene	1.0	nd	43.4	nd	nd	240
1,2,4-Trimethylbenzene	1.0	nd	98.9	2.2	nd	468
sec-Butylbenzene	1.0	nd	4.4	2.1	nd	15.3
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	16.0	nd	nd	108
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	12.7	3.9	nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	210	24.6	nd	1310
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd
Surrogate Recovery						
Dibromofluoromethane		113	105	135	103	102
1,2-Dichloroethane-d4		123	114	118	117	118
Toluene-d8		91.1	126	103	110	120
4-Bromofluorobenzene		125	92.7	102	129	132

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Sample Identification: DPT-26GW						
Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	7.3	73	10	7.2	72
Benzene	10	10.0	100	10	8.5	85
Toluene	10	7.8	78	10	10.4	104
Chlorobenzene	10	9.5	95	10	11.9	119
Trichloroethene (TCE)	10	7.0	70	10	7.0	70
Surrogate Recovery						
Dibromofluoromethane			114			108
1,2-Dichloroethane-d4			121			115
Toluene-d8			107			100
4-Bromofluorobenzene			120			121

Laboratory Control Sample			
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	8.5	85
Benzene	10	9.4	94
Toluene	10	8.7	87
Chlorobenzene	10	12.0	120
Trichloroethene (TCE)	10	9.1	91
Surrogate Recovery			
Dibromofluoromethane			114
1,2-Dichloroethane-d4			107
Toluene-d8			119
4-Bromofluorobenzene			110

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DTP-45GW	DPT-44GW	DPT-47GW	DPT-48GW	DPT-48GW Dup	DPT-24GW
Date Sampled	Reporting	11/13/09	11/13/09	11/13/09	11/13/09	11/13/09	11/14/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	2.5
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	1.4	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	2.3	nd	nd	nd	nd
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	6.9	8.0	8.2	nd
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	5.9	nd	nd	nd	nd
Total Xylenes	2.0	nd	2.9	nd	nd	nd	nd
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DTP-45GW	DPT-44GW	DPT-47GW	DPT-48GW	DPT-48GW Dup	DPT-24GW
Date Sampled	Reporting	11/13/09	11/13/09	11/13/09	11/13/09	11/13/09	11/14/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	23.1	61.9	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	3.3	26.5	nd	nd	nd	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	26.2	48.1	nd	nd	nd	nd
tert-Butylbenzene	1.0	1.5	2.2	nd	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	1.8	3.5	nd	nd	nd	nd
sec-Butylbenzene	1.0	6.4	17.7	nd	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	7.2	5.1	nd	nd	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	7.6	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	51.4	114	nd	nd	nd	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		135	130	130	127	130	106
1,2-Dichloroethane-d4		119	118	116	120	127	116
Toluene-d8		132	130	95.4	133	107	120
4-Bromofluorobenzene		102	124	107	125	110	133

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-23GW	DPT-22GW	DPT-29GW	DPT-28GW	DUP-1GW	DPT-27GW
Date Sampled	Reporting	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	1.8	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	6.2	5.5	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	4.2	3.9	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd	nd	nd
<i>Trans</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	1.1	1.1	nd
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	nd	31	29.6	nd
Total Xylenes	2.0	nd	nd	nd	15.2	16.1	nd
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-23GW	DPT-22GW	DPT-29GW	DPT-28GW	DUP-1GW	DPT-27GW
Date Sampled	Reporting	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09	11/14/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09	11/15/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	nd	13.4	12.2	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	nd	13.3	13.2	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	nd	nd	10.7	10.3	nd
tert-Butylbenzene	1.0	nd	nd	nd	6.2	6.3	nd
1,2,4-Trimethylbenzene	1.0	nd	nd	nd	25.2	28.3	nd
sec-Butylbenzene	1.0	nd	nd	nd	2.5	2.6	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	nd	2.3	2.4	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	nd	4.5	5.3	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	nd	26.0	44.5	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		101	105	105	115	111	105
1,2-Dichloroethane-d4		113	119	115	125	124	113
Toluene-d8		111	95.6	108	124	129	128
4-Bromofluorobenzene		109	102	127	130	134	129

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-26GW	DUP-2GW	DPT-32GW	Method Blank	DPT-30GW	DUP-3GW
Date Sampled	Reporting	11/14/09	11/14/09	11/14/09	N/A	11/15/09	11/15/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/18/09	11/18/09	11/18/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	0.45	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	1.0	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	15.0	nd	nd	nd
Chloroform	1.0	nd	1.3	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	183	nd	340	339
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	353	nd	3190	3040
<i>Trans</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	1010	nd	971	864
Total Xylenes	2.0	nd	nd	2460	nd	5040	4470
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-26GW	DUP-2GW	DPT-32GW	Method Blank	DPT-30GW	DUP-3GW
Date Sampled	Reporting	11/14/09	11/14/09	11/14/09	N/A	11/15/09	11/15/09
Date Analyzed	Limits	11/15/09	11/15/09	11/15/09	11/18/09	11/18/09	11/18/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	104	nd	161	172
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	134	nd	204	189
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	nd	92.6	nd	216	181
tert-Butylbenzene	1.0	nd	nd	166	nd	371	329
1,2,4-Trimethylbenzene	1.0	nd	nd	292	nd	606	555
sec-Butylbenzene	1.0	nd	nd	11.5	nd	20.0	17.8
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	53.9	nd	121	89.0
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	38.7	nd	76.5	77.7
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	834	nd	1600	1380
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		104	101	113	105	116	123
1,2-Dichloroethane-d4		112	118	118	121	117	111
Toluene-d8		99.5	117	109	106	98.7	110
4-Bromofluorobenzene		132	118	122	131	134	134

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-31GW	DPT-38GW	DPT-36GW
Date Sampled	Reporting	11/15/09	11/15/09	11/15/09
Date Analyzed	Limits	11/18/09	11/18/09	11/18/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd
Chloromethane	2.0	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd
Bromomethane	2.0	nd	nd	nd
Chloroethane	2.0	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd
Chloroform	1.0	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd
Benzene	1.0	333	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd
Toluene	1.0	609	nd	nd
Trans-1,3-Dichloropropene	1.0	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd
1,3-Dichloropropane	1.0	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd
Ethylbenzene	1.0	1260	nd	nd
Total Xylenes	2.0	6210	nd	nd
Styrenes	1.0	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		DPT-31GW	DPT-38GW	DPT-36GW
Date Sampled	Reporting	11/15/09	11/15/09	11/15/09
Date Analyzed	Limits	11/18/09	11/18/09	11/18/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd
Isopropylbenzene	4.0	121	nd	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd
n-Propylbenzene	1.0	167	nd	nd
2-Chlorotoluene	1.0	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	214	nd	nd
tert-Butylbenzene	1.0	303	nd	nd
1,2,4-Trimethylbenzene	1.0	429	nd	nd
sec-Butylbenzene	1.0	8.6	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd
Isopropyltoluene	1.0	101	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd
n-Butylbenzene	1.0	99.0	nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd
Naphthalenes	5.0	1060	nd	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		116	104	111
1,2-Dichloroethane-d4		99.8	119	104
Toluene-d8		121	117	116
4-Bromofluorobenzene		134	132	133

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (ug/l)
Method Blank	11/15/09	108	nd
DPT-34GW	11/15/09	int	4800
DPT-35GW	11/15/09	104	200
DPT-37GW	11/15/09	97	nd
DPT-33GW	11/15/09	int	43000
DPT-46GW	11/15/09	75	nd
DPT-45GW	11/15/09	121	450
DPT-44GW	11/15/09	98	250
DPT-47GW	11/15/09	98	nd
DPT-48GW	11/15/09	102	nd
DPT-24GW	11/15/09	78	nd
DPT-23GW	11/15/09	87	nd
DPT-22GW	11/15/09	104	nd
DPT-29GW	11/15/09	110	nd
DPT-28GW	11/15/09	108	200
DUP-1GW	11/15/09	76	280
DPT-27GW	11/15/09	94	nd
DPT-26GW	11/15/09	99	nd
DUP-2GW	11/15/09	92	nd
DPT-32GW	11/15/09	int	9800
Practical Quantitation Limit			100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (ug/l)
Method Blank	11/18/09	108	nd
DPT-30GW	11/18/09	105	43100
DUP-3GW	11/18/09	95	35000
DPT-31GW	11/18/09	114	38800
DPT-38GW	11/18/09	115	nd
DPT-36GW	11/18/09	115	nd
Practical Quantitation Limit			100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Deanna Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Surrogate Recovery (%)
Method Blank	11/15/09	nd	nd	nd	nd	100
LCS	11/15/09	78%	92%			100
DPT-34:8	11/15/09	nd	nd	nd	nd	86
DPT-34:12	11/15/09	nd	nd	nd	nd	111
DPT-35:8	11/15/09	nd	nd	nd	nd	98
DPT-35:8 Dup	11/15/09	nd	nd	nd	nd	88
DPT-35:12	11/15/09	nd	nd	nd	nd	99
DPT-37:8	11/15/09	nd	nd	nd	nd	96
DPT-37:12	11/15/09	nd	nd	nd	nd	94
DPT-33:8	11/15/09	0.92	nd	nd	0.16	101
DPT-33:12	11/15/09	0.17	nd	nd	nd	105
DPT-46:8	11/15/09	nd	nd	nd	nd	108
DPT-46:12	11/15/09	nd	nd	nd	nd	102
DUP-1S	11/15/09	nd	nd	nd	nd	93
DPT-45:8	11/15/09	nd	nd	nd	nd	99
DPT-45:12	11/15/09	nd	nd	nd	nd	96
DPT-44:8	11/15/09	nd	nd	nd	nd	90
DPT-44:12	11/15/09	nd	nd	nd	nd	96
DPT-47:8	11/15/09	nd	nd	nd	nd	102
DPT-47:12	11/15/09	nd	nd	nd	nd	101
DPT-48:8	11/15/09	nd	nd	nd	nd	99
DPT-48:12	11/15/09	nd	nd	nd	nd	93
DUP-2S	11/15/09	nd	nd	nd	nd	82
DPT-46:12 MS	11/15/09	126%	88%			101
DPT-46:12 MSD	11/15/09	99%	81%			89
Practical Quantitation Limit		0.028	0.04	0.04	0.08	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Surrogate Recovery (%)
Method Blank	11/15/09	nd	nd	nd	nd	91
LCS	11/15/09	76%	86%			91
DPT-25:8	11/15/09	nd	nd	nd	nd	99
DPT-25:12	11/15/09	nd	nd	nd	nd	80
DPT-24:8	11/15/09	0.06	nd	nd	nd	87
DPT-24:12	11/15/09	nd	nd	nd	nd	87
DPT-23:8	11/15/09	nd	nd	nd	nd	76
DPT-23:12	11/15/09	nd	nd	nd	nd	92
DPT-22:8	11/15/09	nd	nd	nd	nd	87
DPT-29:8	11/15/09	nd	nd	nd	nd	83
DPT-29:8 Dup	11/15/09	nd	nd	nd	nd	91
DUP-3S	11/15/09	nd	nd	nd	nd	96
DPT-29:12	11/15/09	nd	nd	nd	nd	86
DPT-28:8	11/15/09	nd	nd	nd	nd	85
DPT-28:12	11/15/09	nd	nd	nd	nd	88
DPT-27:8	11/15/09	nd	nd	nd	nd	82
DPT-27:12	11/15/09	nd	nd	nd	nd	82
DPT-26:8	11/15/09	nd	nd	nd	nd	87
DPT-26:8 Dup	11/15/09	nd	nd	nd	nd	96
DPT-26:12	11/15/09	nd	nd	nd	nd	83
DUP-4S	11/15/09	nd	nd	nd	nd	85
DPT-32:8	11/15/09	nd	nd	0.06	nd	90
DPT-32:12	11/15/09	0.074	nd	nd	nd	91
DPT-22:8 MS	11/15/09	72%	82%			93
DPT-22:8 MSD	11/15/09	89%	86%			95
Practical Quantitation Limit		0.028	0.04	0.04	0.08	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Surrogate Recovery (%)
Method Blank	11/16/09	nd	nd	nd	nd	82
LCS	11/16/09	74%	86%			92
DPT-30:8	11/16/09	nd	0.079	nd	nd	87
DPT-30:15	11/16/09	nd	nd	nd	nd	106
DPT-31:8	11/16/09	nd	nd	nd	nd	88
DUP-5S	11/16/09	nd	nd	nd	0.09	77
DPT-31:15	11/16/09	nd	nd	nd	nd	96
DPT-38:8	11/16/09	nd	nd	nd	nd	85
DPT-38:12	11/16/09	nd	nd	nd	nd	100
DPT-36:8	11/16/09	nd	nd	nd	nd	94
DPT-36:12	11/16/09	nd	nd	nd	nd	98
DPT-36:12 Dup	11/16/09	nd	nd	nd	nd	99
DPT-38:12 MS	11/16/09	106%	102%			114
DPT-38:12 MSD	11/16/09	83%	85%			90
Practical Quantitation Limit		0.028	0.04	0.04	0.08	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	11/14/2009	79	nd	nd	nd	nd
DPT-34:8	11/14/2009	76	nd	nd	nd	nd
DPT-34:12	11/14/2009	95	nd	nd	nd	nd
DPT-35:8	11/14/2009	96	nd	nd	nd	nd
DPT-35:12	11/14/2009	83	nd	nd	nd	nd
DPT-37:8	11/14/2009	87	nd	nd	nd	nd
DPT-37:12	11/14/2009	92	nd	nd	nd	nd
DPT-37:12 Dup	11/14/2009	86	nd	nd	nd	nd
DPT-33:8	11/14/2009	87	nd	nd	nd	nd
DPT-33:12	11/14/2009	102	nd	nd	nd	nd
DPT-46:8	11/14/2009	94	nd	nd	nd	nd
DPT-46:12	11/14/2009	97	nd	nd	nd	nd
DUP-1S	11/14/2009	69	nd	nd	nd	nd
DPT-45:8	11/14/2009	101	nd	nd	nd	nd
DPT-45:12	11/14/2009	94	nd	nd	nd	nd
DPT-44:8	11/14/2009	104	nd	nd	nd	nd
DPT-44:12	11/14/2009	98	nd	nd	nd	nd
DPT-47:8	11/14/2009	94	nd	nd	nd	nd
DPT-47:12	11/14/2009	93	nd	nd	nd	nd
DPT-47:12 Dup	11/14/2009	91	nd	nd	nd	nd
DPT-48:8	11/14/2009	100	nd	nd	nd	nd
DPT-48:12	11/14/2009	83	nd	nd	nd	nd
DUP-2S	11/14/2009	87	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	11/14/2009	92	nd	nd	nd	nd
DPT-25:8	11/14/2009	97	nd	nd	nd	nd
DPT-25:12	11/14/2009	99	nd	nd	nd	nd
DPT-24:8	11/14/2009	86	nd	nd	nd	nd
DPT-24:12	11/14/2009	70	nd	nd	nd	nd
DPT-23:8	11/14/2009	80	nd	nd	nd	nd
DPT-23:12	11/14/2009	71	nd	nd	nd	nd
DPT-22:8	11/14/2009	77	nd	nd	nd	nd
DPT-22:8 Dup	11/14/2009	96	nd	nd	nd	nd
DPT-29:8	11/14/2009	100	nd	nd	nd	nd
DUP-3S	11/14/2009	85	nd	nd	nd	nd
DPT-29:12	11/14/2009	82	nd	nd	nd	nd
DPT-28:8	11/14/2009	69	nd	nd	nd	nd
DPT-28:12	11/14/2009	81	nd	nd	nd	nd
DPT-27:8	11/14/2009	98	nd	nd	nd	nd
DPT-27:12	11/14/2009	94	nd	nd	nd	nd
DPT-26:8	11/14/2009	68	nd	nd	nd	nd
DPT-26:12	11/14/2009	88	nd	nd	nd	nd
DPT-26:12 Dup	11/14/2009	96	nd	nd	nd	nd
DUP-4S	11/14/2009	76	nd	nd	nd	nd
DPT-32:8	11/14/2009	86	nd	nd	nd	nd
DPT-32:12	11/14/2009	68	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	11/15/2009	76	nd	nd	nd	nd
DPT-30:8	11/15/2009	101	nd	nd	nd	nd
DPT-30:15	11/15/2009	103	nd	nd	nd	nd
DPT-31:8	11/15/2009	93	nd	nd	nd	nd
DUP-5S	11/15/2009	75	nd	nd	nd	nd
DPT-31:15	11/15/2009	98	nd	nd	nd	nd
DPT-38:8	11/15/2009	100	nd	nd	nd	nd
DPT-38:12	11/15/2009	91	nd	nd	nd	nd
DPT-36:8	11/15/2009	80	nd	nd	nd	nd
DPT-36:12	11/15/2009	109	nd	nd	nd	nd
DPT-36:12 Dup	11/15/2009	101	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses of Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	11/14/09	nd
DPT-34:8	11/14/09	nd
DPT-34:12	11/14/09	nd
DPT-35:8	11/14/09	nd
DPT-35:12	11/14/09	nd
DPT-37:8	11/14/09	nd
DPT-37:12	11/14/09	nd
DPT-33:8	11/14/09	nd
DPT-33:12	11/14/09	nd
DPT-46:8	11/14/09	nd
DPT-46:12	11/14/09	nd
DUP-1S	11/14/09	nd
DPT-45:8	11/14/09	nd
DPT-45:12	11/14/09	nd
DPT-44:8	11/14/09	nd
DPT-44:12	11/14/09	nd
DPT-47:8	11/14/09	nd
DPT-47:12	11/14/09	nd
DPT-48:8	11/14/09	nd
DPT-48:12	11/14/09	nd
DPT-48:12 Dup	11/14/09	nd
DUP-2S	11/14/09	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC for Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
LCS	11/14/09	95%
DPT48:12 MS	11/14/09	77%
DPT48:12 MSD	11/14/09	85%
RPD	11/14/09	9.9
Practical Quantitation Limit		5.0

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Deric Peterson

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses of Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	11/15/09	nd
DPT-25:8	11/15/09	7.2
DPT-25:12	11/15/09	nd
DPT-24:8	11/15/09	nd
DPT-24:12	11/15/09	nd
DPT-23:8	11/15/09	nd
DPT-23:12	11/15/09	nd
DPT-22:8	11/15/09	27
DPT-29:8	11/15/09	nd
DUP-3S	11/15/09	nd
DPT-29:12	11/15/09	nd
DPT-28:8	11/15/09	nd
DPT-28:12	11/15/09	nd
DPT-27:8	11/15/09	nd
DPT-27:12	11/15/09	nd
DPT-26:8	11/15/09	nd
DPT-26:12	11/15/09	nd
DUP-4S	11/15/09	nd
DPT-32:8	11/15/09	nd
DPT-32:12	11/15/09	nd
DPT-32:12 Dup	11/15/09	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Deric Peterson

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC for Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
LCS	11/15/09	95%
DPT-32:12 MS	11/15/09	101%
DPT-32:12 MSD	11/15/09	115%
RPD	11/15/09	13.0
Practical Quantitation Limit		5.0

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses of Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	11/15/09	nd
DPT-30:8	11/15/09	nd
DPT-30:15	11/15/09	nd
DPT-31:8	11/15/09	nd
DUP-5S	11/15/09	nd
DPT-31:15	11/15/09	nd
DPT-38:8	11/15/09	nd
DPT-38:12	11/15/09	nd
DPT-36:8	11/15/09	nd
DPT-36:12	11/15/09	nd
DPT-36:12 Dup	11/15/09	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Deric Peterson

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC for Lead in Soil by EPA Method 7421

Sample Number	Date Analyzed	Lead (mg/kg)
LCS	11/15/09	95%
DPT-36:12 MS	11/15/09	93%
DPT-36:12 MSD	11/15/09	88%
RPD	11/15/09	5.5
Practical Quantitation Limit		5.0

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Client: Environmental Partners, Inc.

Address: 295 NE 6th Ave, Ste 200

Phone: 485-395-0010 Fax: 485-395-0011

Client Project # 51201.7

Project Manager:

Project Name: Whitney's Chevrolet

Location: Montesano, WA

Collector: E. Cadney Date of Collection: 11/12/09

Date: 11/12/09 Page: 1 of

Sample Number	Depth	Time	Sample Type	Container Type	Analysis										Field Note# Containers	
					VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-GX	NWTPH-DX	NWTPH-DX EXL	PAH 8270	PCBS 8082	MTCA 5 Metals	Lead		
1 DPT-34:4		13:05	Soil	jar/voa	X	X										archive/hold
2 DPT-34:8		13:10	Soil	"	X	X										Note - 8260 only is Map in GWS > method A
3 DPT-34:12		14:10	Soil	"	X	X										Note - 8260 only is Map in GWS > method A
4 DPT-34:15		14:20	Soil	"												archive/hold
5 DPT-34:6W		14:30	water	VOA												archive/hold
6 DPT-35:4		14:45	Soil	jar/voa												archive/hold
7 DPT-35:8		14:55	Soil	"	X	X										8260 only is Map in GWS > method A
8 DPT-35:12		15:35	Soil	"	X	X										archive/hold
9 DPT-35:15		15:41	Soil	"												archive/hold
10 DPT-35:6W		16:00	water	VOA	X											archive/hold
11 DPT-37:4		16:10	Soil	jar/voa												archive/hold
12 DPT-37:8		16:20	Soil	"	X	X										archive/hold
13 DPT-37:12		16:45	"	"	X	X										archive/hold
14 DPT-37:15		17:00	"	"												archive/hold
15 DPT-37:6W		17:05	water	VOA	X											archive/hold
16																
17																
18																

Relinquished by: [Signature] Date / Time: 11/12/09 17:10

Relinquished by: [Signature] Date / Time: 11/12/09 17:10

Relinquished by: [Signature] Date / Time: 11/12/09 17:10

Received by: [Signature] Date / Time: 11/12/09 17:10

Received by: [Signature] Date / Time: 11/12/09 17:10

Received by: [Signature] Date / Time: 11/12/09 17:10

Remarks: HCTO - follow up any detector

Sample Receipt: [Signature]

Good Condition? [X]

Cold? [X]

Seals Intact? [X]

Total Number of Containers 18

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Client: Environmental Partners, Inc.
Address: 245 NE Gilman Blvd, Ste 201, Issaquah, WA
Phone: 425-395-0010 Fax: 425-395-0011
Client Project # 51201.7

Date: 11/13/09 Page: 1 of 2
Project Manager: Joey Swartz
Project Name: Wm. Taylor Chevrolet
Location: Montevideo, WA
Collector: Fac Cadey

Date of Collection: 11/13/09

Sample Number	Depth	Time	Sample Type	Container Type	Analysis							Field Note/# Containers	
					VOA 8021B	VOA 8021B BTEX Only	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBs 8082		MTCA 5 Metals
1 DPT-33:4		08:15	Soil	Jar/Voa	X								archive
2 DPT-33:8		08:20	"	"	X								8260 only if Gw
3 DPT-33:12		09:25	"	"	X								8260 only, Naph in Gw > method A
4 DPT-33:15		09:40	"	"									archive
5 DPT-33:6W		10:00	water	Voa	X								archive
6 DPT-46:4		10:46	Soil	Jar/Voa	X								8260 only if Naph in Gw > method A
7 DPT-46:8		10:50	"	"	X								" " " " "
8 DPT-46:12		11:16	"	"	X								" " " " "
9 DPT-46:15		11:20	"	"	X								archive
10 DPT-15			"	"	X								8260 only if Naph in Gw > method A
11 DPT-46:6W		11:30	water	Voa	X								
12 DPT-45:4		12:40	Soil	Jar/Voa									archive
13 DPT-45:8		12:51	"	"	X								8260 only if Naph in Gw > method A
14 DPT-45:12		13:25	"	"	X								" " " " "
15 DPT-45:15		13:41	"	"									archive
16 DPT-45:6W		13:55	water	Voa	X								archive
17 DPT-44:4		14:12	Soil	Jar/Voa	~~NEG~~								archive
18 DPT-44:8		14:17	Soil	"	X								8260 only if Naph in Gw > method A

Relinquished by: Fac Cadey Date / Time: 11/13/09 18:33

Relinquished by: Joey Swartz Date / Time: 11/13/09 18:33

Received by: Fac Cadey Date / Time: 11/13/09 18:33

Received by: Joey Swartz Date / Time: 11/13/09 18:33

Relinquished by: Fac Cadey Date / Time: 11/13/09 18:33

Relinquished by: Joey Swartz Date / Time: 11/13/09 18:33

Received by: Fac Cadey Date / Time: 11/13/09 18:33

Received by: Joey Swartz Date / Time: 11/13/09 18:33

Relinquished by: Fac Cadey Date / Time: 11/13/09 18:33

Relinquished by: Joey Swartz Date / Time: 11/13/09 18:33

Received by: Fac Cadey Date / Time: 11/13/09 18:33

Received by: Joey Swartz Date / Time: 11/13/09 18:33

Relinquished by: Fac Cadey Date / Time: 11/13/09 18:33

Relinquished by: Joey Swartz Date / Time: 11/13/09 18:33

Received by: Fac Cadey Date / Time: 11/13/09 18:33

Received by: Joey Swartz Date / Time: 11/13/09 18:33

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/13/00 Page: 2 of 2

Client: Environmental Partners, Inc.

Project Manager: Jerry Sawatz

Address: 295 NE Gilman Blvd, Ste 201, Issaquah WA 98027

Project Name: Whitney's Chevrolet

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montevideo

Client Project # 51201.7

Collector: Eric Gaddy

Date of Collection: _____

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-GX	NWTPH-DX	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 DPT-44:12		15:00	SOIL	jar/vol	X	X	X				X		8260 only, 1/1, No ph in Gw > method A archive
2 DPT-44:15		15:06	SOIL	"									archive
3 DPT-44:16		15:15	water	VOA	X			X					archive
4 DPT-47:4		15:45	SOIL	jar/vol									8260 only, 1/1, No ph in Gw > method A
5 DPT-47:8		15:50	"	"	X	X	X				X		" " " " " "
6 DPT-47:12		16:20	"	"	X	X	X				X		archive
7 DPT-47:15		16:25	"	"									archive
8 DPT-47:16W		16:40	water	VOA	X			X					archive
9 DPT-48:4		17:00	SOIL	jar/vol									8260 only, 1/1, No ph in Gw > method A
10 DPT-48:8		17:05	"	"	X	X	X				X		8260 only, 1/1, No ph in Gw > method A
11 DPT-48:25		-	"	"	X	X	X				X		" " " " " "
12 DPT-48:15		17:45	"	"									archive
13 DPT-48:15		17:50	"	"									
14 DPT-48:16W		18:00	water	VOA	X			X					
15													
16													
17													
18													

Relinquished by: [Signature] Date / Time: 11/13/00 18:33 Received by: [Signature] Date / Time: 11/13/00 18:33

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Sample Receipt: _____ Date / Time: _____

Good Condition? _____

Cold? _____

Seals Intact? _____

Total Number of Containers _____

TAT 24HR 48HR 5-Day

Remarks: HCTO follow up if any defects.

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: Environmental Partners, Inc.

Address: 295 NE Gilman Blvd. Ste 201, Issaquah, WA

Phone: 425-295-0010 Fax: 425-395-0011

Client Project # 51201.7

Chain of Custody Record

Date: 11/14/09 Page: 1 of 3

Project Manager: Jerry Sawatz

Project Name: Whitney's Chevrolet

Location: Monteand WA

Collector: Eric Cadden Date of Collection: 11/14/09

Sample Number	Depth	Time	Sample Type	Container Type	Analysis					Field Note# Containers			
					VOA 8021B	VOA 8021B BTEX Only	NWTPH-HCID	NWTPH-GX	NWTPH-DX		PAH 8270	PCBs 8082	MTCA 5 Metals
1 DPT-25:4		07:52	SOIL	jar/VOA									archive
2 DPT-25:8		08:00	"	"	X	X					X	X	8260 only F Naph in 6w > method A
3 DPT-25:12		08:36	"	"	X	X							"
4 DPT-25:15		08:40	"	"									archive
5 DPT-24:4		09:26	"	"									archive
6 DPT-24:8		09:30	"	"	X	X					X	X	8260 only F Naph in 6w > method A
7 DPT-24:12		10:10	"	"	X	X					X	X	
8 DPT-24:15		10:16	"	"									archive
9 DPT-24:6W		10:30	water	VOA	X								
10 DPT-23:4		10:55	SOIL	jar/VOA									
11 DPT-23:8		11:00	"	"	X	X					X	X	8260 only F Naph in 6w > method A
12 DPT-23:12		11:35	"	"	X	X							"
13 DPT-23:15		11:40	"	"									archive
14 DPT-23:6W		11:45	water	VOA	X								
15 DPT-22:4		12:16	SOIL	jar-VOA									
16 DPT-22:8		12:16	"	"	X	X					X	X	8260 only F Naph in 6w > method A
17 DPT-22:6W		13:25	water	VOA	X								
18 DPT-22:4		13:27	SOIL	jar-VOA	X	X							archive

Relinquished by:	Date / Time	Received by:	Date / Time
<u>E. Cadden</u>	<u>11/14/09 19:05</u>	<u>[Signature]</u>	<u>11/14/09 19:05</u>

Relinquished by:	Date / Time	Received by:	Date / Time

Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:	Good Condition?	Cold?	Seals Intact?	Total Number of Containers

TAT	24HR	48HR	5-Day

Remarks: HClO follow up if detect.

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 11/14/09 Page: 2 of 3

Client: Environmental Partners, Inc

Project Manager: Jerry Savetz

Address: 295 NE Gilman Blvd Ste 201 Issaquah

Project Name: Whitney's Chevrolet

Phone: 425-395-0010 Fax: 425-395-0011

Location: Montesano, WA

Client Project # 51201.7

Collector: Eric Gaddy Date of Collection: 11/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 802/B BTEX Only	VOA 802/B	SEM VOL 8270	NMTPH-HCID	NMTPH-GX	NMTPH-DX	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note# Containers
1 DPT-24:8		12:44	Soil	Jar, VOA	X	X	X							8260 only if Nuph in 6W > method A
2 Dup-35			Soil	Jar, VOA	X	X	X							
3 DPT-24:12		14:00	"	"	X	X	X							
4 DPT-24:15		14:08	"	"										archive
5 DPT-24:6W		14:15	Water	VOA		X	X							archive
6 DPT-28:4		14:30	Soil	Jar, VOA										archive
7 DPT-28:8		14:35	"	"	X	X	X							8260 only if Nuph in 6W > method A
8 DPT-28:12		15:10	"	"	X	X	X							" " " "
9 DPT-28:15		15:16	"	"										archive
10 DPT-28:6W		15:25	Water	VOA		X	X							
11 Dup-16W			"	"		X	X							archive
12 DPT-27:4		15:36	Soil	Jar, VOA										
13 DPT-27:8		15:41	Soil	"	X	X	X							8260 only if Nuph in 6W > method A
14 DPT-27:12		16:00	Soil	"	X	X	X							" " " "
15 DPT-27:15		16:06	"	"										archive
16 DPT-27:6W		16:20	Water	VOA		X	X							
17 DPT-26:0		16:36	Soil	Jar, VOA										archive
18 DPT-24:8		16:42	"	"	X	X	X							8260 only if Nuph in 6W > method A

Relinquished by: E. J. Z... Date / Time: 11/14/09 19:05

Relinquished by: Date / Time:

Relinquished by: Date / Time:

Received by: PM Date / Time: 11/14/09 19:00

Received by: Date / Time:

Received by: Date / Time:

Sample Receipt:

Good Condition? Cold? Seals Intact?

Total Number of Containers

TAT

24HR

48HR

5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 4/14/09 Page: 3 of 3

Client: Environmental Protection, Inc.
Address: 295 NE 61st Ave Blvd, STE 201, Issaquah, WA
Phone: 425-345-0010 Fax: 425-345-0011
Client Project # 51201.7

Project Manager: Jerry Sanet
Project Name: Whitney's Chevrolet
Location: Montecano
Collector: Eric Cadey Date of Collection: 4/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX only	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 DPT-26:12		17:06	Soil	Sur-Vial	X		X							226011 Haptinge 200000 A
2 Dup-45			"	"	X		X							" " " " " "
3 DPT-26:15		17:14	"	"										archive
4 DPT-26:6W		17:40	water	Vial			X							
5 Dup-26:6W			water	"			X							
6 DPT-26:4		17:55	Soil	Sur-Vial										archive
7 DPT-26:18		18:00	Soil	"	X		X							226011 Haptinge 200000 A
8 DPT-26:12		18:27	"	"	X		X							" " " " " "
9 DPT-26:15		18:33	"	"										archive
10 DPT-26:6W		18:40	water	Vial	X		X							
11														
12														
13														
14														
15														
16														
17														
18														

Relinquished by: [Signature] Date / Time: 4/14/09 19:05 Received by: [Signature] Date / Time: 4/14/09 19:05

Relinquished by: [Signature] Date / Time: 4/14/09 19:05 Received by: [Signature] Date / Time: 4/14/09 19:05

Relinquished by: [Signature] Date / Time: 4/14/09 19:05 Received by: [Signature] Date / Time: 4/14/09 19:05

Remarks: 4020-Followup any detects.

Good Condition? ☐ Cold? ☐ Seals Intact? ☐ Total Number of Containers:

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: Environmental Partners, Inc.

Address: 295 NE Gilman Blvd Ste 200, Issaquah, WA

Phone: 425-395-0010 Fax: 425-395-0011

Client Project # 51201.7

Chain of Custody Record

Date: 11/15/09 Page: 1 of 2

Project Manager: Jerry Sandtz

Project Name: Whitney's Chevrolet

Location: Montesano

Collector: Eric Cadney Date of Collection: 11/15/09

Sample Number	Depth	Time	Sample Type	Container Type	Analysis							Field Note# Containers		
					VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270		PCBs 8082	MTCAS Metals
1 DPT-30:4		07:40	soil	jar, voa										archive
2 DPT-30:8		07:47	soil	"										8021 only, F. Nephthine > Method A
3 DPT-30:12		08:35	"	"										archive
4 DPT-30:15		08:41	"	"										8021 only, F. Nephthine > Method A
5 DPT-30:6W		09:00	water	voa										
6 Dup-36W		-	"	"										
7 DPT-31:4		09:30	soil	jar, voa										archive
8 DPT-31:8		09:36	"	"										8021 only, F. Nephthine > Method A
9 Dup-55		-	"	"										archive
10 DPT-31:12		10:10	"	"										archive
11 DPT-31:15		10:17	"	"										8021 only, F. Nephthine > Method A
12 DPT-31:6W		10:25	water	voa										
13 DPT-38:4		11:23	soil	jar, voa										archive
14 DPT-38:8		11:30	"	"										8021 only, F. Nephthine > Method A
15 DPT-38:12		12:00	"	"										" " " "
16 DPT-38:15		12:06	"	"										archive
17 DPT-38:6W		12:20	water	voa										
18														

Relinquished by: *[Signature]* Date / Time: 11/15/09 17:05

Relinquished by: *[Signature]* Date / Time: 11/15/09 17:25

Relinquished by: *[Signature]* Date / Time: 11/15/09 17:25

Received by: *[Signature]* Date / Time: 11/15/09 17:25

Received by: *[Signature]* Date / Time: 11/15/09 17:25

Received by: *[Signature]* Date / Time: 11/15/09 17:25

Remarks: HCTO details do follow up

Sample Receipt: Good Condition? Cold? Seals Intact? Total Number of Containers

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: Environmental Partners, Inc.

Address: 295 NE Gilman Blvd, Ste 201, Everett, WA

Phone: 425-395-0010 Fax: 425-395-0011

Client Project # 51201.7

Chain of Custody Record

Date: 11/15/09 Page: 2 of 2

Project Manager: Jerry Sawatz

Project Name: Whittraps Chevrolet

Location: Montesano, WA

Collector: Eric Cadden Date of Collection: 11/15/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBs 8082	MTCA 5 Metals	Field Note# Containers
1 DPT-36.4		12:58	5011	Jar, VOA										archive
2 DPT-36.8		13:04	5011	"	X		X						X	82601 F Naphthalene > method A
3 DPT-36.12		13:27	"	"	X		X						X	archive
4 DPT-36.15		13:30	"	"										
5 DPT-36.6W		13:45	water	VOA	X		X							
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

Relinquished by: Eric Cadden Date / Time: 11/15/09 7:15

Relinquished by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____

Received by: Libby Date / Time: 11/15/09 17:25

Received by: _____ Date / Time: _____

Received by: _____ Date / Time: _____

Remarks: Net 10 - Follow up any defects.

Sample Receipt:

Good Condition? _____

Cold? _____

Seals Intact? _____

Total Number of Containers _____

TAT 24HR 48HR 5-Day

12/7/2009

Mr. Jerry Sawetz
Environmental Partners Inc.
295 NE Gilman Blvd.
Suite 201
Issaquah WA 98027

Project Name: Whitney's
Project #: 51201.7
Workorder #: 0911422

Dear Mr. Jerry Sawetz

The following report includes the data for the above referenced project for sample(s) received on 11/19/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

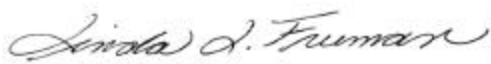
WORK ORDER #: 0911422

Work Order Summary

CLIENT:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027	BILL TO:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027
PHONE:	425-301-1227	P.O. #	51201.7
FAX:	425-395-0011	PROJECT #	51201.7 Whitney's
DATE RECEIVED:	11/19/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/07/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	BG-IA-1	Modified TO-15	5.5 "Hg	5 psi
01B	BG-IA-1	Modified TO-15	5.5 "Hg	5 psi
02A	BG-IA-2	Modified TO-15	3.5 "Hg	5 psi
02B	BG-IA-2	Modified TO-15	3.5 "Hg	5 psi
03A	BG-IA-3	Modified TO-15	5.0 "Hg	5 psi
03B	BG-IA-3	Modified TO-15	5.0 "Hg	5 psi
04A	BG-IA-4	Modified TO-15	4.5 "Hg	5 psi
04B	BG-IA-4	Modified TO-15	4.5 "Hg	5 psi
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07B	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



Laboratory Director

DATE: 12/07/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Environmental Partners Inc.
Workorder# 0911422

Four 6 Liter Summa Canister (SIM Certified) samples were received on November 19, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	For Full Scan: 30% RSD with 4 compounds allowed out to $< 40\%$ RSD For SIM: Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	For Full Scan: $\leq 30\%$ Difference with four allowed out up to $\leq 40\%$.; flag and narrate outliers For SIM: Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedences and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: BG-IA-1

Lab ID#: 0911422-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.43	0.81	2.2
Chloromethane	0.16	0.42	0.34	0.86
Freon 11	0.16	0.20	0.92	1.2
Ethanol	0.82	1.2	1.5	2.3
Acetone	0.82	2.3	1.9	5.5
2-Butanone (Methyl Ethyl Ketone)	0.16	0.29	0.48	0.86

Client Sample ID: BG-IA-1

Lab ID#: 0911422-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.082	0.15	0.26	0.47
Toluene	0.033	0.18	0.12	0.70
m,p-Xylene	0.066	0.072	0.28	0.31

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.45	0.75	2.2
Chloromethane	0.15	0.40	0.31	0.82
Freon 11	0.15	0.22	0.85	1.2
Ethanol	0.76	2.2	1.4	4.1
Acetone	0.76	2.8	1.8	6.6
2-Propanol	0.76	0.84	1.9	2.1
Hexane	0.15	0.21	0.54	0.74
2-Butanone (Methyl Ethyl Ketone)	0.15	0.42	0.45	1.2
Heptane	0.15	0.29	0.62	1.2

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.076	0.44	0.24	1.4
Toluene	0.030	0.95	0.11	3.6

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02B

Ethyl Benzene	0.030	0.14	0.13	0.63
m,p-Xylene	0.061	0.46	0.26	2.0
o-Xylene	0.030	0.16	0.13	0.72

Client Sample ID: BG-IA-3

Lab ID#: 0911422-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.80	2.2
Chloromethane	0.16	0.41	0.33	0.84
Freon 11	0.16	0.20	0.90	1.1
Ethanol	0.80	1.1	1.5	2.0
Acetone	0.80	3.5	1.9	8.4
2-Butanone (Methyl Ethyl Ketone)	0.16	0.50	0.47	1.5

Client Sample ID: BG-IA-3

Lab ID#: 0911422-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.080	0.20	0.26	0.63
Toluene	0.032	0.41	0.12	1.6
Ethyl Benzene	0.032	0.057	0.14	0.24
m,p-Xylene	0.064	0.18	0.28	0.77
o-Xylene	0.032	0.059	0.14	0.26

Client Sample ID: BG-IA-4

Lab ID#: 0911422-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.78	2.2
Chloromethane	0.16	0.43	0.33	0.88
Freon 11	0.16	0.20	0.89	1.1
Ethanol	0.79	2.2	1.5	4.1
Acetone	0.79	1.1	1.9	2.7
Hexane	0.16	0.21	0.56	0.75
Heptane	0.16	0.21	0.65	0.87

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: BG-IA-4

Lab ID#: 0911422-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.079	0.40	0.25	1.3
Toluene	0.032	0.90	0.12	3.4
Ethyl Benzene	0.032	0.14	0.14	0.63
m,p-Xylene	0.063	0.47	0.27	2.0
o-Xylene	0.032	0.16	0.14	0.71

Client Sample ID: BG-IA-1

Lab ID#: 0911422-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120212	Date of Collection: 11/13/09 4:22:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.43	0.81	2.2
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.42	0.34	0.86
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.82	Not Detected	3.2	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	0.20	0.92	1.2
Ethanol	0.82	1.2	1.5	2.3
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.82	2.3	1.9	5.5
2-Propanol	0.82	Not Detected	2.0	Not Detected
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
3-Chloropropene	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Hexane	0.16	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.29	0.48	0.86
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
Cyclohexane	0.16	Not Detected	0.56	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.82	Not Detected	3.8	Not Detected
Heptane	0.16	Not Detected	0.67	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected

Client Sample ID: BG-IA-1

Lab ID#: 0911422-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120212	Date of Collection: 11/13/09 4:22:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
Naphthalene	0.82	Not Detected	4.3	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: BG-IA-1

Lab ID#: 0911422-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120212sim	Date of Collection: 11/13/09 4:22:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Benzene	0.082	0.15	0.26	0.47
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Toluene	0.033	0.18	0.12	0.70
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
Ethyl Benzene	0.033	Not Detected	0.14	Not Detected
m,p-Xylene	0.066	0.072	0.28	0.31
o-Xylene	0.033	Not Detected	0.14	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120213	Date of Collection: 11/13/09 4:34:00 PM		
Dil. Factor:	1.52	Date of Analysis: 12/3/09 07:51 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.45	0.75	2.2
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.40	0.31	0.82
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.76	Not Detected	3.0	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	0.22	0.85	1.2
Ethanol	0.76	2.2	1.4	4.1
Freon 113	0.15	Not Detected	1.2	Not Detected
Acetone	0.76	2.8	1.8	6.6
2-Propanol	0.76	0.84	1.9	2.1
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
3-Chloropropene	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Hexane	0.15	0.21	0.54	0.74
2-Butanone (Methyl Ethyl Ketone)	0.15	0.42	0.45	1.2
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Heptane	0.15	0.29	0.62	1.2
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.75	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120213	Date of Collection: 11/13/09 4:34:00 PM
Dil. Factor:	1.52	Date of Analysis: 12/3/09 07:51 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
Naphthalene	0.76	Not Detected	4.0	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: BG-IA-2

Lab ID#: 0911422-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120213sim	Date of Collection: 11/13/09 4:34:00 PM
Dil. Factor:	1.52	Date of Analysis: 12/3/09 07:51 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,1,1-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Benzene	0.076	0.44	0.24	1.4
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Toluene	0.030	0.95	0.11	3.6
1,1,2-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.21	Not Detected
Ethyl Benzene	0.030	0.14	0.13	0.63
m,p-Xylene	0.061	0.46	0.26	2.0
o-Xylene	0.030	0.16	0.13	0.72
1,1,2,2-Tetrachloroethane	0.030	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: BG-IA-3

Lab ID#: 0911422-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120214	Date of Collection:	11/13/09 3:58:00 PM	
Dil. Factor:	1.61	Date of Analysis:	12/3/09 08:37 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.80	2.2
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.41	0.33	0.84
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.80	Not Detected	3.1	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	0.20	0.90	1.1
Ethanol	0.80	1.1	1.5	2.0
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.80	3.5	1.9	8.4
2-Propanol	0.80	Not Detected	2.0	Not Detected
Carbon Disulfide	0.80	Not Detected	2.5	Not Detected
3-Chloropropene	0.80	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Hexane	0.16	Not Detected	0.57	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.50	0.47	1.5
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.79	Not Detected
Cyclohexane	0.16	Not Detected	0.55	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.80	Not Detected	3.8	Not Detected
Heptane	0.16	Not Detected	0.66	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.74	Not Detected
1,4-Dioxane	0.16	Not Detected	0.58	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.66	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
2-Hexanone	0.80	Not Detected	3.3	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.74	Not Detected
Styrene	0.16	Not Detected	0.68	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.79	Not Detected
Propylbenzene	0.16	Not Detected	0.79	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.79	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.79	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.79	Not Detected

Client Sample ID: BG-IA-3

Lab ID#: 0911422-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120214	Date of Collection: 11/13/09 3:58:00 PM
Dil. Factor:	1.61	Date of Analysis: 12/3/09 08:37 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.83	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,2,4-Trichlorobenzene	0.80	Not Detected	6.0	Not Detected
Hexachlorobutadiene	0.80	Not Detected	8.6	Not Detected
Naphthalene	0.80	Not Detected	4.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: BG-IA-3

Lab ID#: 0911422-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120214sim	Date of Collection: 11/13/09 3:58:00 PM
Dil. Factor:	1.61	Date of Analysis: 12/3/09 08:37 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Benzene	0.080	0.20	0.26	0.63
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Toluene	0.032	0.41	0.12	1.6
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	Not Detected	0.22	Not Detected
Ethyl Benzene	0.032	0.057	0.14	0.24
m,p-Xylene	0.064	0.18	0.28	0.77
o-Xylene	0.032	0.059	0.14	0.26
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: BG-IA-4

Lab ID#: 0911422-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120215	Date of Collection: 11/13/09 6:02:00 PM		
Dil. Factor:	1.58	Date of Analysis: 12/3/09 09:20 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.78	2.2
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.43	0.33	0.88
1,3-Butadiene	0.16	Not Detected	0.35	Not Detected
Bromomethane	0.79	Not Detected	3.1	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	0.20	0.89	1.1
Ethanol	0.79	2.2	1.5	4.1
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.79	1.1	1.9	2.7
2-Propanol	0.79	Not Detected	1.9	Not Detected
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
3-Chloropropene	0.79	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Hexane	0.16	0.21	0.56	0.75
2-Butanone (Methyl Ethyl Ketone)	0.16	Not Detected	0.46	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
Cyclohexane	0.16	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
2,2,4-Trimethylpentane	0.79	Not Detected	3.7	Not Detected
Heptane	0.16	0.21	0.65	0.87
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
1,4-Dioxane	0.16	Not Detected	0.57	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.65	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
2-Hexanone	0.79	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	Not Detected	0.78	Not Detected
Propylbenzene	0.16	Not Detected	0.78	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.78	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected

Client Sample ID: BG-IA-4

Lab ID#: 0911422-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120215	Date of Collection: 11/13/09 6:02:00 PM
Dil. Factor:	1.58	Date of Analysis: 12/3/09 09:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected
Hexachlorobutadiene	0.79	Not Detected	8.4	Not Detected
Naphthalene	0.79	Not Detected	4.1	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: BG-IA-4

Lab ID#: 0911422-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120215sim	Date of Collection: 11/13/09 6:02:00 PM
Dil. Factor:	1.58	Date of Analysis: 12/3/09 09:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.063	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Benzene	0.079	0.40	0.25	1.3
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Toluene	0.032	0.90	0.12	3.4
1,1,2-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	Not Detected	0.21	Not Detected
Ethyl Benzene	0.032	0.14	0.14	0.63
m,p-Xylene	0.063	0.47	0.27	2.0
o-Xylene	0.032	0.16	0.14	0.71
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911422-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206c	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	12/2/09 06:42 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0911422-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 06:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
Naphthalene	0.50	Not Detected	2.6	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911422-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 06:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: CCV

Lab ID#: 0911422-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Freon 12	92
Freon 114	95
Chloromethane	94
1,3-Butadiene	93
Bromomethane	95
Chloroethane	92
Freon 11	94
Ethanol	89
Freon 113	95
Acetone	91
2-Propanol	90
Carbon Disulfide	93
3-Chloropropene	95
Methylene Chloride	92
Hexane	90
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	92
Chloroform	91
Cyclohexane	91
Carbon Tetrachloride	116
2,2,4-Trimethylpentane	90
Heptane	95
1,2-Dichloropropane	93
1,4-Dioxane	93
Bromodichloromethane	110
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	94
trans-1,3-Dichloropropene	99
2-Hexanone	100
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	94
Chlorobenzene	95
Styrene	94
Bromoform	106
Cumene	95
Propylbenzene	99
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	102

Client Sample ID: CCV

Lab ID#: 0911422-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	118
Hexachlorobutadiene	105
Naphthalene	131 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: CCV

Lab ID#: 0911422-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Vinyl Chloride	93
1,1-Dichloroethene	90
1,1-Dichloroethane	92
cis-1,2-Dichloroethene	92
1,1,1-Trichloroethane	94
Benzene	89
1,2-Dichloroethane	91
Trichloroethene	87
Toluene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	91
o-Xylene	88
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	93
Methyl tert-butyl ether	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCS

Lab ID#: 0911422-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Freon 12	92
Freon 114	94
Chloromethane	92
1,3-Butadiene	94
Bromomethane	90
Chloroethane	90
Freon 11	93
Ethanol	130
Freon 113	83
Acetone	87
2-Propanol	82
Carbon Disulfide	91
3-Chloropropene	91
Methylene Chloride	82
Hexane	87
2-Butanone (Methyl Ethyl Ketone)	91
Tetrahydrofuran	86
Chloroform	87
Cyclohexane	88
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	85
Heptane	89
1,2-Dichloropropane	90
1,4-Dioxane	85
Bromodichloromethane	105
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	88
trans-1,3-Dichloropropene	97
2-Hexanone	96
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	97
Chlorobenzene	93
Styrene	94
Bromoform	105
Cumene	90
Propylbenzene	96
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102

Client Sample ID: LCS

Lab ID#: 0911422-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	105
Naphthalene	128

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 0911422-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	78
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	86
1,1,1-Trichloroethane	89
Benzene	85
1,2-Dichloroethane	86
Trichloroethene	84
Toluene	82
1,1,2-Trichloroethane	85
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	90
o-Xylene	87
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

12/6/2009

Mr. Jerry Sawetz
Environmental Partners Inc.
295 NE Gilman Blvd.
Suite 201
Issaquah WA 98027

Project Name: Whitney's
Project #: 51201.7
Workorder #: 0911426

Dear Mr. Jerry Sawetz

The following report includes the data for the above referenced project for sample(s) received on 11/19/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 0911426

Work Order Summary

CLIENT:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027	BILL TO:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027
PHONE:	425-301-1227	P.O. #	51201.7
FAX:	425-395-0011	PROJECT #	51201.7 Whitney's
DATE RECEIVED:	11/19/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/05/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	WC-IA-1	Modified TO-15	3.5 "Hg	5 psi
01B	WC-IA-1	Modified TO-15	3.5 "Hg	5 psi
02A	WC-IA-2	Modified TO-15	3.0 "Hg	5 psi
02B	WC-IA-2	Modified TO-15	3.0 "Hg	5 psi
03A	WC-IA-3	Modified TO-15	6.0 "Hg	5 psi
03B	WC-IA-3	Modified TO-15	6.0 "Hg	5 psi
04A	WC-IA-4	Modified TO-15	6.0 "Hg	5 psi
04B	WC-IA-4	Modified TO-15	6.0 "Hg	5 psi
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
05C	Lab Blank	Modified TO-15	NA	NA
05D	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
06C	CCV	Modified TO-15	NA	NA
06D	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA

Continued on next page

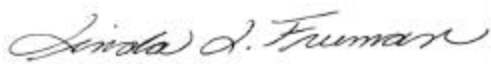
WORK ORDER #: 0911426

Work Order Summary

CLIENT:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027	BILL TO:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027
PHONE:	425-301-1227	P.O. #	51201.7
FAX:	425-395-0011	PROJECT #	51201.7 Whitney's
DATE RECEIVED:	11/19/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/05/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
07B	LCS	Modified TO-15	NA	NA
07C	LCS	Modified TO-15	NA	NA
07D	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



Laboratory Director

DATE: 12/06/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Environmental Partners Inc.
Workorder# 0911426**

Four 6 Liter Summa Canister (SIM Certified) samples were received on November 19, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	For Full Scan: 30% RSD with 4 compounds allowed out to $< 40\%$ RSD For SIM: Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	For Full Scan: $\leq 30\%$ Difference with four allowed out up to $\leq 40\%$; flag and narrate outliers For SIM: Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

As per project specific client request the laboratory has reported estimated values for 1,2-Dibromoethane and Naphthalene that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

The reported results for Methylene chloride in samples WC-IA-3 and WC-IA-4 may be biased high due to co-elution with a non target compound with similar characteristic ions.

All Quality Control Limit exceedences and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: WC-IA-1

Lab ID#: 0911426-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.46	0.75	2.3
Chloromethane	0.15	0.44	0.31	0.90
1,3-Butadiene	0.15	0.41	0.34	0.91
Freon 11	0.15	0.21	0.85	1.2
Ethanol	0.76	11	1.4	20
Acetone	0.76	11	1.8	27
2-Propanol	0.76	3.1	1.9	7.7
Methylene Chloride	0.30	0.85	1.0	3.0
Hexane	0.15	2.2	0.54	7.8
2-Butanone (Methyl Ethyl Ketone)	0.15	1.4	0.45	4.2
Cyclohexane	0.15	1.0	0.52	3.4
Heptane	0.15	8.5	0.62	35
4-Methyl-2-pentanone	0.15	0.17	0.62	0.70
Propylbenzene	0.15	0.36	0.75	1.8
4-Ethyltoluene	0.15	1.6	0.75	7.6
1,3,5-Trimethylbenzene	0.15	0.53	0.75	2.6
1,2,4-Trimethylbenzene	0.15	1.8	0.75	8.7
1,4-Dichlorobenzene	0.15	0.44	0.91	2.6
Naphthalene	0.76	0.30 J7J0	4.0	1.6 J7J0

Client Sample ID: WC-IA-1

Lab ID#: 0911426-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.076	3.8	0.24	12
1,2-Dichloroethane	0.030	0.039	0.12	0.16
Trichloroethene	0.030	0.10	0.16	0.54
Toluene	0.030	11	0.11	43
Ethyl Benzene	0.030	3.6	0.13	16
m,p-Xylene	0.061	12	0.26	53
o-Xylene	0.030	3.8	0.13	17

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02A

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.43	0.74	2.1
Chloromethane	0.15	0.57	0.31	1.2
Freon 11	0.15	0.21	0.84	1.2
Ethanol	0.74	100 E	1.4	190 E
Acetone	0.74	7.6	1.8	18
2-Propanol	0.74	28	1.8	68
Carbon Disulfide	0.74	0.88	2.3	2.7
Methylene Chloride	0.30	0.63	1.0	2.2
Hexane	0.15	2.3	0.52	8.1
2-Butanone (Methyl Ethyl Ketone)	0.15	0.70	0.44	2.0
Cyclohexane	0.15	0.85	0.51	2.9
Heptane	0.15	3.9	0.61	16
4-Methyl-2-pentanone	0.15	0.50	0.61	2.0
Propylbenzene	0.15	0.18	0.73	0.90
4-Ethyltoluene	0.15	0.62	0.73	3.1
1,3,5-Trimethylbenzene	0.15	0.24	0.73	1.2
1,2,4-Trimethylbenzene	0.15	0.75	0.73	3.7
1,4-Dichlorobenzene	0.15	0.49	0.90	2.9
Naphthalene	0.74	0.16 J7J0	3.9	0.84 J7J0

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.074	1.6	0.24	5.3
1,2-Dichloroethane	0.030	0.032	0.12	0.13
Trichloroethene	0.030	2.0	0.16	10
Toluene	0.030	6.8	0.11	26
Ethyl Benzene	0.030	1.4	0.13	6.3
m,p-Xylene	0.060	4.7	0.26	20
o-Xylene	0.030	1.5	0.13	6.4

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03A

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.47	0.83	2.3
Chloromethane	0.17	0.48	0.35	0.98
Freon 11	0.17	0.22	0.94	1.2
Ethanol	0.84	92 E	1.6	170 E
Acetone	0.84	5.1	2.0	12
2-Propanol	0.84	31	2.1	76
Methylene Chloride	0.34	0.49	1.2	1.7
Hexane	0.17	2.8	0.59	9.8
2-Butanone (Methyl Ethyl Ketone)	0.17	0.60	0.50	1.8
Cyclohexane	0.17	0.91	0.58	3.1
Heptane	0.17	5.3	0.69	22
4-Methyl-2-pentanone	0.17	0.59	0.69	2.4
Propylbenzene	0.17	0.25	0.82	1.2
4-Ethyltoluene	0.17	0.89	0.82	4.4
1,3,5-Trimethylbenzene	0.17	0.29	0.82	1.4
1,2,4-Trimethylbenzene	0.17	1.1	0.82	5.2
1,4-Dichlorobenzene	0.17	0.50	1.0	3.0
Naphthalene	0.84	0.23 J7J0	4.4	1.2 J7J0

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.084	2.2	0.27	6.9
Trichloroethene	0.034	2.9	0.18	15
Toluene	0.034	6.8	0.13	26
Ethyl Benzene	0.034	1.8	0.14	7.9
m,p-Xylene	0.067	6.2	0.29	27
o-Xylene	0.034	1.9	0.14	8.3

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.42	0.83	2.1

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04A

Chloromethane	0.17	0.53	0.35	1.1
Freon 11	0.17	0.19	0.94	1.1
Ethanol	0.84	84 E	1.6	160 E
Acetone	0.84	6.0	2.0	14
2-Propanol	0.84	24	2.1	59
Methylene Chloride	0.34	0.50	1.2	1.7
Hexane	0.17	2.8	0.59	9.7
2-Butanone (Methyl Ethyl Ketone)	0.17	0.85	0.50	2.5
Cyclohexane	0.17	0.91	0.58	3.1
2,2,4-Trimethylpentane	0.84	1.1	3.9	5.3
Heptane	0.17	5.2	0.69	21
4-Methyl-2-pentanone	0.17	0.24	0.69	0.99
Propylbenzene	0.17	0.24	0.82	1.2
4-Ethyltoluene	0.17	0.80	0.82	3.9
1,3,5-Trimethylbenzene	0.17	0.26	0.82	1.2
1,2,4-Trimethylbenzene	0.17	0.87	0.82	4.3
1,4-Dichlorobenzene	0.17	0.41	1.0	2.5
Naphthalene	0.84	0.19 J7J0	4.4	1.0 J7J0

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.084	2.1	0.27	6.8
Trichloroethene	0.034	2.8	0.18	15
Toluene	0.034	6.8	0.13	26
Ethyl Benzene	0.034	1.8	0.14	7.7
m,p-Xylene	0.067	5.8	0.29	25
o-Xylene	0.034	1.8	0.14	8.0

Client Sample ID: WC-IA-1

Lab ID#: 0911426-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120217	Date of Collection: 11/13/09 3:19:00 PM
Dil. Factor:	1.52	Date of Analysis: 12/3/09 11:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.46	0.75	2.3
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.44	0.31	0.90
1,3-Butadiene	0.15	0.41	0.34	0.91
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	0.21	0.85	1.2
Ethanol	0.76	11	1.4	20
Freon 113	0.15	Not Detected	1.2	Not Detected
Acetone	0.76	11	1.8	27
2-Propanol	0.76	3.1	1.9	7.7
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
3-Chloropropene	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	0.85	1.0	3.0
Hexane	0.15	2.2	0.54	7.8
2-Butanone (Methyl Ethyl Ketone)	0.15	1.4	0.45	4.2
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
Cyclohexane	0.15	1.0	0.52	3.4
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Heptane	0.15	8.5	0.62	35
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	0.17	0.62	0.70
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
Propylbenzene	0.15	0.36	0.75	1.8
4-Ethyltoluene	0.15	1.6	0.75	7.6
1,3,5-Trimethylbenzene	0.15	0.53	0.75	2.6
1,2,4-Trimethylbenzene	0.15	1.8	0.75	8.7

Client Sample ID: WC-IA-1

Lab ID#: 0911426-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120217	Date of Collection: 11/13/09 3:19:00 PM
Dil. Factor:	1.52	Date of Analysis: 12/3/09 11:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	0.44	0.91	2.6
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
Naphthalene	0.76	0.30 J7J0	4.0	1.6 J7J0

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: WC-IA-1

Lab ID#: 0911426-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120217sim	Date of Collection: 11/13/09 3:19:00 PM
Dil. Factor:	1.52	Date of Analysis: 12/3/09 11:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,1,1-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Benzene	0.076	3.8	0.24	12
1,2-Dichloroethane	0.030	0.039	0.12	0.16
Trichloroethene	0.030	0.10	0.16	0.54
Toluene	0.030	11	0.11	43
1,1,2-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.21	Not Detected
Ethyl Benzene	0.030	3.6	0.13	16
m,p-Xylene	0.061	12	0.26	53
o-Xylene	0.030	3.8	0.13	17
1,1,2,2-Tetrachloroethane	0.030	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120218	Date of Collection:	11/13/09 3:51:00 PM	
Dil. Factor:	1.49	Date of Analysis:	12/3/09 12:21 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.15	0.43	0.74	2.1
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.57	0.31	1.2
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	0.21	0.84	1.2
Ethanol	0.74	100 E	1.4	190 E
Freon 113	0.15	Not Detected	1.1	Not Detected
Acetone	0.74	7.6	1.8	18
2-Propanol	0.74	28	1.8	68
Carbon Disulfide	0.74	0.88	2.3	2.7
3-Chloropropene	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	0.63	1.0	2.2
Hexane	0.15	2.3	0.52	8.1
2-Butanone (Methyl Ethyl Ketone)	0.15	0.70	0.44	2.0
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
Cyclohexane	0.15	0.85	0.51	2.9
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.5	Not Detected
Heptane	0.15	3.9	0.61	16
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	0.50	0.61	2.0
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
Propylbenzene	0.15	0.18	0.73	0.90
4-Ethyltoluene	0.15	0.62	0.73	3.1
1,3,5-Trimethylbenzene	0.15	0.24	0.73	1.2
1,2,4-Trimethylbenzene	0.15	0.75	0.73	3.7

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120218	Date of Collection: 11/13/09 3:51:00 PM
Dil. Factor:	1.49	Date of Analysis: 12/3/09 12:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	0.49	0.90	2.9
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
Naphthalene	0.74	0.16 J7J0	3.9	0.84 J7J0

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: WC-IA-2

Lab ID#: 0911426-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120218sim	Date of Collection: 11/13/09 3:51:00 PM
Dil. Factor:	1.49	Date of Analysis: 12/3/09 12:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.059	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,1,1-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Benzene	0.074	1.6	0.24	5.3
1,2-Dichloroethane	0.030	0.032	0.12	0.13
Trichloroethene	0.030	2.0	0.16	10
Toluene	0.030	6.8	0.11	26
1,1,2-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.20	Not Detected
Ethyl Benzene	0.030	1.4	0.13	6.3
m,p-Xylene	0.060	4.7	0.26	20
o-Xylene	0.030	1.5	0.13	6.4
1,1,2,2-Tetrachloroethane	0.030	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120219	Date of Collection:	11/13/09 3:41:00 PM	
Dil. Factor:	1.68	Date of Analysis:	12/3/09 01:13 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.47	0.83	2.3
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.48	0.35	0.98
1,3-Butadiene	0.17	Not Detected	0.37	Not Detected
Bromomethane	0.17	Not Detected	0.65	Not Detected
Chloroethane	0.17	Not Detected	0.44	Not Detected
Freon 11	0.17	0.22	0.94	1.2
Ethanol	0.84	92 E	1.6	170 E
Freon 113	0.17	Not Detected	1.3	Not Detected
Acetone	0.84	5.1	2.0	12
2-Propanol	0.84	31	2.1	76
Carbon Disulfide	0.84	Not Detected	2.6	Not Detected
3-Chloropropene	0.84	Not Detected	2.6	Not Detected
Methylene Chloride	0.34	0.49	1.2	1.7
Hexane	0.17	2.8	0.59	9.8
2-Butanone (Methyl Ethyl Ketone)	0.17	0.60	0.50	1.8
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.82	Not Detected
Cyclohexane	0.17	0.91	0.58	3.1
Carbon Tetrachloride	0.17	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.84	Not Detected	3.9	Not Detected
Heptane	0.17	5.3	0.69	22
1,2-Dichloropropane	0.17	Not Detected	0.78	Not Detected
1,4-Dioxane	0.17	Not Detected	0.60	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
4-Methyl-2-pentanone	0.17	0.59	0.69	2.4
trans-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
2-Hexanone	0.84	Not Detected	3.4	Not Detected
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.77	Not Detected
Styrene	0.17	Not Detected	0.72	Not Detected
Bromoform	0.17	Not Detected	1.7	Not Detected
Cumene	0.17	Not Detected	0.82	Not Detected
Propylbenzene	0.17	0.25	0.82	1.2
4-Ethyltoluene	0.17	0.89	0.82	4.4
1,3,5-Trimethylbenzene	0.17	0.29	0.82	1.4
1,2,4-Trimethylbenzene	0.17	1.1	0.82	5.2

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120219	Date of Collection: 11/13/09 3:41:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/3/09 01:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	0.50	1.0	3.0
alpha-Chlorotoluene	0.17	Not Detected	0.87	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.84	Not Detected	6.2	Not Detected
Hexachlorobutadiene	0.84	Not Detected	9.0	Not Detected
Naphthalene	0.84	0.23 J7J0	4.4	1.2 J7J0

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: WC-IA-3

Lab ID#: 0911426-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120219sim	Date of Collection: 11/13/09 3:41:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/3/09 01:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Benzene	0.084	2.2	0.27	6.9
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	2.9	0.18	15
Toluene	0.034	6.8	0.13	26
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
Ethyl Benzene	0.034	1.8	0.14	7.9
m,p-Xylene	0.067	6.2	0.29	27
o-Xylene	0.034	1.9	0.14	8.3
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120306	Date of Collection:	11/13/09 3:41:00 PM	
Dil. Factor:	1.68	Date of Analysis:	12/3/09 07:07 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.42	0.83	2.1
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.53	0.35	1.1
1,3-Butadiene	0.17	Not Detected	0.37	Not Detected
Bromomethane	0.17	Not Detected	0.65	Not Detected
Chloroethane	0.17	Not Detected	0.44	Not Detected
Freon 11	0.17	0.19	0.94	1.1
Ethanol	0.84	84 E	1.6	160 E
Freon 113	0.17	Not Detected	1.3	Not Detected
Acetone	0.84	6.0	2.0	14
2-Propanol	0.84	24	2.1	59
Carbon Disulfide	0.84	Not Detected	2.6	Not Detected
3-Chloropropene	0.84	Not Detected	2.6	Not Detected
Methylene Chloride	0.34	0.50	1.2	1.7
Hexane	0.17	2.8	0.59	9.7
2-Butanone (Methyl Ethyl Ketone)	0.17	0.85	0.50	2.5
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.82	Not Detected
Cyclohexane	0.17	0.91	0.58	3.1
Carbon Tetrachloride	0.17	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.84	1.1	3.9	5.3
Heptane	0.17	5.2	0.69	21
1,2-Dichloropropane	0.17	Not Detected	0.78	Not Detected
1,4-Dioxane	0.17	Not Detected	0.60	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
4-Methyl-2-pentanone	0.17	0.24	0.69	0.99
trans-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
2-Hexanone	0.84	Not Detected	3.4	Not Detected
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.77	Not Detected
Styrene	0.17	Not Detected	0.72	Not Detected
Bromoform	0.17	Not Detected	1.7	Not Detected
Cumene	0.17	Not Detected	0.82	Not Detected
Propylbenzene	0.17	0.24	0.82	1.2
4-Ethyltoluene	0.17	0.80	0.82	3.9
1,3,5-Trimethylbenzene	0.17	0.26	0.82	1.2
1,2,4-Trimethylbenzene	0.17	0.87	0.82	4.3

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120306	Date of Collection: 11/13/09 3:41:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/3/09 07:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	0.41	1.0	2.5
alpha-Chlorotoluene	0.17	Not Detected	0.87	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.84	Not Detected	6.2	Not Detected
Hexachlorobutadiene	0.84	Not Detected	9.0	Not Detected
Naphthalene	0.84	0.19 J7J0	4.4	1.0 J7J0

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: WC-IA-4

Lab ID#: 0911426-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120306sim	Date of Collection: 11/13/09 3:41:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/3/09 07:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Benzene	0.084	2.1	0.27	6.8
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	2.8	0.18	15
Toluene	0.034	6.8	0.13	26
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
Ethyl Benzene	0.034	1.8	0.14	7.7
m,p-Xylene	0.067	5.8	0.29	25
o-Xylene	0.034	1.8	0.14	8.0
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911426-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120216a	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	12/3/09 10:26 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0911426-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120216a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 10:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
Naphthalene	0.50	Not Detected	2.6	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911426-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120216sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 10:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911426-05C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120305a	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	12/3/09 06:12 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0911426-05C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120305a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 06:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
Naphthalene	0.50	Not Detected	2.6	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911426-05D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120305sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 06:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: CCV

Lab ID#: 0911426-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Freon 12	92
Freon 114	95
Chloromethane	94
1,3-Butadiene	93
Bromomethane	95
Chloroethane	92
Freon 11	94
Ethanol	89
Freon 113	95
Acetone	91
2-Propanol	90
Carbon Disulfide	93
3-Chloropropene	95
Methylene Chloride	92
Hexane	90
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	92
Chloroform	91
Cyclohexane	91
Carbon Tetrachloride	116
2,2,4-Trimethylpentane	90
Heptane	95
1,2-Dichloropropane	93
1,4-Dioxane	93
Bromodichloromethane	110
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	94
trans-1,3-Dichloropropene	99
2-Hexanone	100
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	94
Chlorobenzene	95
Styrene	94
Bromoform	106
Cumene	95
Propylbenzene	99
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	102

Client Sample ID: CCV

Lab ID#: 0911426-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	118
Hexachlorobutadiene	105
Naphthalene	131 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: CCV

Lab ID#: 0911426-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Vinyl Chloride	93
1,1-Dichloroethene	90
1,1-Dichloroethane	92
cis-1,2-Dichloroethene	92
1,1,1-Trichloroethane	94
Benzene	89
1,2-Dichloroethane	91
Trichloroethene	87
Toluene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	91
o-Xylene	88
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	93
Methyl tert-butyl ether	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: CCV

Lab ID#: 0911426-06C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 02:20 PM

Compound	%Recovery
Freon 12	94
Freon 114	96
Chloromethane	89
1,3-Butadiene	92
Bromomethane	98
Chloroethane	90
Freon 11	94
Ethanol	88
Freon 113	93
Acetone	89
2-Propanol	89
Carbon Disulfide	91
3-Chloropropene	92
Methylene Chloride	88
Hexane	90
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	90
Chloroform	90
Cyclohexane	90
Carbon Tetrachloride	113
2,2,4-Trimethylpentane	89
Heptane	91
1,2-Dichloropropane	89
1,4-Dioxane	91
Bromodichloromethane	108
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	92
trans-1,3-Dichloropropene	95
2-Hexanone	97
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	91
Chlorobenzene	92
Styrene	94
Bromoform	102
Cumene	94
Propylbenzene	98
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	105
1,2,4-Trimethylbenzene	105

Client Sample ID: CCV

Lab ID#: 0911426-06C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 02:20 PM

Compound	%Recovery
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	122
Hexachlorobutadiene	104
Naphthalene	135 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: CCV

Lab ID#: 0911426-06D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120302sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 02:20 PM

Compound	%Recovery
Vinyl Chloride	92
1,1-Dichloroethene	88
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	89
1,1,1-Trichloroethane	92
Benzene	86
1,2-Dichloroethane	90
Trichloroethene	84
Toluene	87
1,1,2-Trichloroethane	83
Tetrachloroethene	82
Ethyl Benzene	88
m,p-Xylene	90
o-Xylene	89
1,1,2,2-Tetrachloroethane	84
trans-1,2-Dichloroethene	90
Methyl tert-butyl ether	91

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 0911426-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Freon 12	92
Freon 114	94
Chloromethane	92
1,3-Butadiene	94
Bromomethane	90
Chloroethane	90
Freon 11	93
Ethanol	130
Freon 113	83
Acetone	87
2-Propanol	82
Carbon Disulfide	91
3-Chloropropene	91
Methylene Chloride	82
Hexane	87
2-Butanone (Methyl Ethyl Ketone)	91
Tetrahydrofuran	86
Chloroform	87
Cyclohexane	88
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	85
Heptane	89
1,2-Dichloropropane	90
1,4-Dioxane	85
Bromodichloromethane	105
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	88
trans-1,3-Dichloropropene	97
2-Hexanone	96
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	97
Chlorobenzene	93
Styrene	94
Bromoform	105
Cumene	90
Propylbenzene	96
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102

Client Sample ID: LCS

Lab ID#: 0911426-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	105
Naphthalene	128

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 0911426-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	78
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	86
1,1,1-Trichloroethane	89
Benzene	85
1,2-Dichloroethane	86
Trichloroethene	84
Toluene	82
1,1,2-Trichloroethane	85
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	90
o-Xylene	87
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 0911426-07C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 03:20 PM

Compound	%Recovery
Freon 12	93
Freon 114	93
Chloromethane	88
1,3-Butadiene	92
Bromomethane	95
Chloroethane	88
Freon 11	92
Ethanol	126
Freon 113	82
Acetone	84
2-Propanol	82
Carbon Disulfide	89
3-Chloropropene	90
Methylene Chloride	79
Hexane	86
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	86
Chloroform	86
Cyclohexane	86
Carbon Tetrachloride	111
2,2,4-Trimethylpentane	86
Heptane	88
1,2-Dichloropropane	88
1,4-Dioxane	85
Bromodichloromethane	82
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	87
trans-1,3-Dichloropropene	96
2-Hexanone	96
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	95
Chlorobenzene	92
Styrene	94
Bromoform	105
Cumene	93
Propylbenzene	98
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	106

Client Sample ID: LCS

Lab ID#: 0911426-07C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 03:20 PM

Compound	%Recovery
1,3-Dichlorobenzene	91
1,4-Dichlorobenzene	92
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	91
1,2,4-Trichlorobenzene	119
Hexachlorobutadiene	104
Naphthalene	132

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: LCS

Lab ID#: 0911426-07D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120303sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/09 03:20 PM

Compound	%Recovery
Vinyl Chloride	90
1,1-Dichloroethene	77
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	85
1,1,1-Trichloroethane	89
Benzene	84
1,2-Dichloroethane	86
Trichloroethene	82
Toluene	80
1,1,2-Trichloroethane	83
Tetrachloroethene	82
Ethyl Benzene	89
m,p-Xylene	91
o-Xylene	89
1,1,2,2-Tetrachloroethane	87
trans-1,2-Dichloroethene	87
Methyl tert-butyl ether	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	107	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Reiniquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. A/T Toxics Limited assumes no liability with respect to its collection, handling or shipping of these samples. Reiniquishing signature also indicates agreement to hold harmless, defend, indemnify and hold A/T Toxics Limited harmless from and against all claims, demands or actions of any kind, related to the collection, handling or shipping of samples. O.T. Duplicates 9/00/1 487-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager Jerry Sawetz

Collected by: (Print and Sign) Eric Cadey E. Cadey
Company ENVIRONMENTAL PARTNERS E-mail eric@epn.com
Address 205 NE Glisan Blvd City Portland State OR Zip 97207
Phone 503-345-0011 Fax 503-345-0011

Project info:

51201.7

Page 51201.7

Project Name: WikiTaeV's

Turn Around

Time:

☒ Normal

☐ Rush	Pressurization Gas:

[illegible]

Notes: WC-FA-3 and 4, initial
regulator reading was greater than
previous night and at the gauge at -30, IF
I extrapolate the gauge out, it might
be around -32 in hg.

Received by: (signature)	Date/Time
Fod Ex	11/17/09
Received by: (signature)	Date/Time
Monica Green	11/17/09
Received by: (signature)	Date/Time
	11/19/09

Relinquished by: (signature)	Date: Time
Relinquished by: (signature)	Date: Time
Relinquished by: (signature)	Date: Time

Custody Seals intact? ☐ Yes ☐ No Work Order # _____

Temp (°C)	Condition

[illegible]

1000

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

0311	06	2024-11-13	2024-11-13

~~0911426~~

12/7/2009

Mr. Jerry Sawetz
Environmental Partners Inc.
295 NE Gilman Blvd.
Suite 201
Issaquah WA 98027

Project Name: Whitney's
Project #: 51207.7
Workorder #: 0911421

Dear Mr. Jerry Sawetz

The following report includes the data for the above referenced project for sample(s) received on 11/19/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

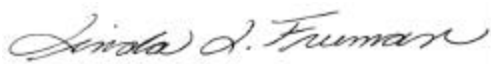
WORK ORDER #: 0911421

Work Order Summary

CLIENT:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027	BILL TO:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027
PHONE:	425-301-1227	P.O. #	51207.7
FAX:	425-395-0011	PROJECT #	51207.7 Whitney's
DATE RECEIVED:	11/19/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/07/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SSB-IA-1	Modified TO-15	5.5 "Hg	5 psi
01AA	SSB-IA-1 Lab Duplicate	Modified TO-15	5.5 "Hg	5 psi
01B	SSB-IA-1	Modified TO-15	5.5 "Hg	5 psi
01BB	SSB-IA-1 Lab Duplicate	Modified TO-15	5.5 "Hg	5 psi
02A	SSB-IA-2	Modified TO-15	6.0 "Hg	5 psi
02B	SSB-IA-2	Modified TO-15	6.0 "Hg	5 psi
03A	SSB-IA-3	Modified TO-15	5.5 "Hg	5 psi
03B	SSB-IA-3	Modified TO-15	5.5 "Hg	5 psi
04A	Lab Blank	Modified TO-15	NA	NA
04B	Lab Blank	Modified TO-15	NA	NA
05A	CCV	Modified TO-15	NA	NA
05B	CCV	Modified TO-15	NA	NA
06A	LCS	Modified TO-15	NA	NA
06B	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



Laboratory Director

DATE: 12/07/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Environmental Partners Inc.
Workorder# 0911421**

Three 6 Liter Summa Canister (SIM Certified) samples were received on November 19, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	For Full Scan: 30% RSD with 4 compounds allowed out to $< 40\%$ RSD For SIM: Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	For Full Scan: $\leq 30\%$ Difference with four allowed out up to $\leq 40\%$; flag and narrate outliers For SIM: Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedences and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.81	2.2
Chloromethane	0.16	0.41	0.34	0.84
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	24	1.5	45
Acetone	0.82	2.8	1.9	6.6
2-Propanol	0.82	3.8	2.0	9.3
Hexane	0.16	16	0.58	57
2-Butanone (Methyl Ethyl Ketone)	0.16	0.42	0.48	1.2
Cyclohexane	0.16	3.5	0.56	12
2,2,4-Trimethylpentane	0.82	4.5	3.8	21
Heptane	0.16	4.4	0.67	18

Client Sample ID: SSB-IA-1 Lab Duplicate

Lab ID#: 0911421-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.42	0.81	2.1
Chloromethane	0.16	0.37	0.34	0.77
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	23	1.5	43
Acetone	0.82	2.6	1.9	6.3
2-Propanol	0.82	3.6	2.0	8.9
Hexane	0.16	16	0.58	55
2-Butanone (Methyl Ethyl Ketone)	0.16	0.38	0.48	1.1
Cyclohexane	0.16	3.4	0.56	12
2,2,4-Trimethylpentane	0.82	4.3	3.8	20
Heptane	0.16	4.1	0.67	17

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.082	0.23	0.26	0.74
1,2-Dichloroethane	0.033	0.23	0.13	0.94
Toluene	0.033	0.56	0.12	2.1

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01B

Ethyl Benzene	0.033	0.10	0.14	0.45
m,p-Xylene	0.066	0.34	0.28	1.4
o-Xylene	0.033	0.12	0.14	0.53

Client Sample ID: SSB-IA-1 Lab Duplicate

Lab ID#: 0911421-01BB

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.082	0.22	0.26	0.71
1,2-Dichloroethane	0.033	0.22	0.13	0.91
Toluene	0.033	0.54	0.12	2.0
Ethyl Benzene	0.033	0.10	0.14	0.45
m,p-Xylene	0.066	0.33	0.28	1.4
o-Xylene	0.033	0.13	0.14	0.56

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.42	0.83	2.1
Chloromethane	0.17	0.48	0.35	1.0
Freon 11	0.17	0.20	0.94	1.1
Ethanol	0.84	320 E	1.6	610 E
Acetone	0.84	8.4	2.0	20
2-Propanol	0.84	8.4	2.1	21
Hexane	0.17	1.8	0.59	6.2
2-Butanone (Methyl Ethyl Ketone)	0.17	0.90	0.50	2.7
Cyclohexane	0.17	0.41	0.58	1.4
Heptane	0.17	0.67	0.69	2.7
1,2,4-Trimethylbenzene	0.17	0.17	0.82	0.84

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.034	0.084	0.18	0.46
Benzene	0.084	0.49	0.27	1.6

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02B

1,2-Dichloroethane	0.034	0.067	0.14	0.27
Toluene	0.034	1.1	0.13	4.0
Ethyl Benzene	0.034	0.17	0.14	0.73
m,p-Xylene	0.067	0.52	0.29	2.3
o-Xylene	0.034	0.19	0.14	0.84

Client Sample ID: SSB-IA-3

Lab ID#: 0911421-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.81	2.2
Chloromethane	0.16	0.46	0.34	0.94
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	320 E	1.5	600 E
Acetone	0.82	4.2	1.9	10
2-Propanol	0.82	8.3	2.0	20
Hexane	0.16	1.6	0.58	5.6
2-Butanone (Methyl Ethyl Ketone)	0.16	0.31	0.48	0.90
Cyclohexane	0.16	0.38	0.56	1.3
Heptane	0.16	0.58	0.67	2.4
1,2,4-Trimethylbenzene	0.16	0.17	0.81	0.83

Client Sample ID: SSB-IA-3

Lab ID#: 0911421-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.033	0.081	0.18	0.44
Benzene	0.082	0.48	0.26	1.5
1,2-Dichloroethane	0.033	0.069	0.13	0.28
Toluene	0.033	1.0	0.12	3.9
Ethyl Benzene	0.033	0.17	0.14	0.74
m,p-Xylene	0.066	0.54	0.28	2.3
o-Xylene	0.033	0.20	0.14	0.87

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120208	Date of Collection: 11/13/09 6:00:00 PM		
Dil. Factor:	1.64	Date of Analysis: 12/2/09 08:23 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.81	2.2
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.41	0.34	0.84
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.82	Not Detected	3.2	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	24	1.5	45
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.82	2.8	1.9	6.6
2-Propanol	0.82	3.8	2.0	9.3
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
3-Chloropropene	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Hexane	0.16	16	0.58	57
2-Butanone (Methyl Ethyl Ketone)	0.16	0.42	0.48	1.2
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
Cyclohexane	0.16	3.5	0.56	12
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.82	4.5	3.8	21
Heptane	0.16	4.4	0.67	18
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120208	Date of Collection: 11/13/09 6:00:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 08:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
Naphthalene	0.82	Not Detected	4.3	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: SSB-IA-1 Lab Duplicate

Lab ID#: 0911421-01AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120209	Date of Collection: 11/13/09 6:00:00 PM		
Dil. Factor:	1.64	Date of Analysis: 12/2/09 09:01 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.42	0.81	2.1
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.37	0.34	0.77
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.82	Not Detected	3.2	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	23	1.5	43
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.82	2.6	1.9	6.3
2-Propanol	0.82	3.6	2.0	8.9
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
3-Chloropropene	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Hexane	0.16	16	0.58	55
2-Butanone (Methyl Ethyl Ketone)	0.16	0.38	0.48	1.1
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
Cyclohexane	0.16	3.4	0.56	12
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.82	4.3	3.8	20
Heptane	0.16	4.1	0.67	17
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected

Client Sample ID: SSB-IA-1 Lab Duplicate

Lab ID#: 0911421-01AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120209	Date of Collection: 11/13/09 6:00:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 09:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
Naphthalene	0.82	Not Detected	4.3	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: SSB-IA-1

Lab ID#: 0911421-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120208sim	Date of Collection: 11/13/09 6:00:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 08:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Benzene	0.082	0.23	0.26	0.74
1,2-Dichloroethane	0.033	0.23	0.13	0.94
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Toluene	0.033	0.56	0.12	2.1
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
Ethyl Benzene	0.033	0.10	0.14	0.45
m,p-Xylene	0.066	0.34	0.28	1.4
o-Xylene	0.033	0.12	0.14	0.53
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: SSB-IA-1 Lab Duplicate

Lab ID#: 0911421-01BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120209sim	Date of Collection: 11/13/09 6:00:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 09:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Benzene	0.082	0.22	0.26	0.71
1,2-Dichloroethane	0.033	0.22	0.13	0.91
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Toluene	0.033	0.54	0.12	2.0
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
Ethyl Benzene	0.033	0.10	0.14	0.45
m,p-Xylene	0.066	0.33	0.28	1.4
o-Xylene	0.033	0.13	0.14	0.56
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120210	Date of Collection:	11/13/09 5:57:00 PM	
Dil. Factor:	1.68	Date of Analysis:	12/2/09 09:39 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.42	0.83	2.1
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.48	0.35	1.0
1,3-Butadiene	0.17	Not Detected	0.37	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.17	Not Detected	0.44	Not Detected
Freon 11	0.17	0.20	0.94	1.1
Ethanol	0.84	320 E	1.6	610 E
Freon 113	0.17	Not Detected	1.3	Not Detected
Acetone	0.84	8.4	2.0	20
2-Propanol	0.84	8.4	2.1	21
Carbon Disulfide	0.84	Not Detected	2.6	Not Detected
3-Chloropropene	0.84	Not Detected	2.6	Not Detected
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Hexane	0.17	1.8	0.59	6.2
2-Butanone (Methyl Ethyl Ketone)	0.17	0.90	0.50	2.7
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.82	Not Detected
Cyclohexane	0.17	0.41	0.58	1.4
Carbon Tetrachloride	0.17	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.84	Not Detected	3.9	Not Detected
Heptane	0.17	0.67	0.69	2.7
1,2-Dichloropropane	0.17	Not Detected	0.78	Not Detected
1,4-Dioxane	0.17	Not Detected	0.60	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.69	Not Detected
trans-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
2-Hexanone	0.84	Not Detected	3.4	Not Detected
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.77	Not Detected
Styrene	0.17	Not Detected	0.72	Not Detected
Bromoform	0.17	Not Detected	1.7	Not Detected
Cumene	0.17	Not Detected	0.82	Not Detected
Propylbenzene	0.17	Not Detected	0.82	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.82	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.82	Not Detected
1,2,4-Trimethylbenzene	0.17	0.17	0.82	0.84

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120210	Date of Collection: 11/13/09 5:57:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/2/09 09:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.87	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.84	Not Detected	6.2	Not Detected
Hexachlorobutadiene	0.84	Not Detected	9.0	Not Detected
Naphthalene	0.84	Not Detected	4.4	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: SSB-IA-2

Lab ID#: 0911421-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120210sim	Date of Collection: 11/13/09 5:57:00 PM
Dil. Factor:	1.68	Date of Analysis: 12/2/09 09:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.034	0.084	0.18	0.46
Benzene	0.084	0.49	0.27	1.6
1,2-Dichloroethane	0.034	0.067	0.14	0.27
Trichloroethene	0.034	Not Detected	0.18	Not Detected
Toluene	0.034	1.1	0.13	4.0
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
Ethyl Benzene	0.034	0.17	0.14	0.73
m,p-Xylene	0.067	0.52	0.29	2.3
o-Xylene	0.034	0.19	0.14	0.84
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: SSB-IA-3

Lab ID#: 0911421-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120211	Date of Collection: 11/13/09 3:58:00 PM		
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:16 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.44	0.81	2.2
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.46	0.34	0.94
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.82	Not Detected	3.2	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	0.20	0.92	1.1
Ethanol	0.82	320 E	1.5	600 E
Freon 113	0.16	Not Detected	1.2	Not Detected
Acetone	0.82	4.2	1.9	10
2-Propanol	0.82	8.3	2.0	20
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
3-Chloropropene	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Hexane	0.16	1.6	0.58	5.6
2-Butanone (Methyl Ethyl Ketone)	0.16	0.31	0.48	0.90
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
Cyclohexane	0.16	0.38	0.56	1.3
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.82	Not Detected	3.8	Not Detected
Heptane	0.16	0.58	0.67	2.4
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	0.17	0.81	0.83

Client Sample ID: SSB-IA-3

Lab ID#: 0911421-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120211	Date of Collection: 11/13/09 3:58:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
Naphthalene	0.82	Not Detected	4.3	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: SSB-IA-3

Lab ID#: 0911421-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120211sim	Date of Collection: 11/13/09 3:58:00 PM
Dil. Factor:	1.64	Date of Analysis: 12/2/09 10:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.033	0.081	0.18	0.44
Benzene	0.082	0.48	0.26	1.5
1,2-Dichloroethane	0.033	0.069	0.13	0.28
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Toluene	0.033	1.0	0.12	3.9
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
Ethyl Benzene	0.033	0.17	0.14	0.74
m,p-Xylene	0.066	0.54	0.28	2.3
o-Xylene	0.033	0.20	0.14	0.87
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911421-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206c	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	12/2/09 06:42 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0911421-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 06:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
Naphthalene	0.50	Not Detected	2.6	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911421-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120206sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 06:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: CCV

Lab ID#: 0911421-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Freon 12	92
Freon 114	95
Chloromethane	94
1,3-Butadiene	93
Bromomethane	95
Chloroethane	92
Freon 11	94
Ethanol	89
Freon 113	95
Acetone	91
2-Propanol	90
Carbon Disulfide	93
3-Chloropropene	95
Methylene Chloride	92
Hexane	90
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	92
Chloroform	91
Cyclohexane	91
Carbon Tetrachloride	116
2,2,4-Trimethylpentane	90
Heptane	95
1,2-Dichloropropane	93
1,4-Dioxane	93
Bromodichloromethane	110
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	94
trans-1,3-Dichloropropene	99
2-Hexanone	100
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	94
Chlorobenzene	95
Styrene	94
Bromoform	106
Cumene	95
Propylbenzene	99
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	102

Client Sample ID: CCV

Lab ID#: 0911421-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	118
Hexachlorobutadiene	105
Naphthalene	131 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: CCV

Lab ID#: 0911421-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:12 PM

Compound	%Recovery
Vinyl Chloride	93
1,1-Dichloroethene	90
1,1-Dichloroethane	92
cis-1,2-Dichloroethene	92
1,1,1-Trichloroethane	94
Benzene	89
1,2-Dichloroethane	91
Trichloroethene	87
Toluene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	91
o-Xylene	88
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	93
Methyl tert-butyl ether	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCS

Lab ID#: 0911421-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Freon 12	92
Freon 114	94
Chloromethane	92
1,3-Butadiene	94
Bromomethane	90
Chloroethane	90
Freon 11	93
Ethanol	130
Freon 113	83
Acetone	87
2-Propanol	82
Carbon Disulfide	91
3-Chloropropene	91
Methylene Chloride	82
Hexane	87
2-Butanone (Methyl Ethyl Ketone)	91
Tetrahydrofuran	86
Chloroform	87
Cyclohexane	88
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	85
Heptane	89
1,2-Dichloropropane	90
1,4-Dioxane	85
Bromodichloromethane	105
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	88
trans-1,3-Dichloropropene	97
2-Hexanone	96
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	97
Chlorobenzene	93
Styrene	94
Bromoform	105
Cumene	90
Propylbenzene	96
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102

Client Sample ID: LCS

Lab ID#: 0911421-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	105
Naphthalene	128

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 0911421-06B

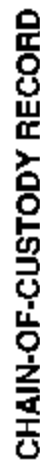
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	e120203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 04:05 PM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	78
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	86
1,1,1-Trichloroethane	89
Benzene	85
1,2-Dichloroethane	86
Trichloroethene	84
Toluene	82
1,1,2-Trichloroethane	85
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	90
o-Xylene	87
1,1,2,2-Tetrachloroethane	86
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130



Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. ATX Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify ATX Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of these samples. D.O. # 1107ine 180CC 407-4952

Page 7

Collected by: (Print and sign) Eric Caddy 21 Todd
 Company: Environmental Partners, Inc. Email: jerry5@eh-inc.com
 Address: 495 NE Gilman Blvd. City: Issaquah State: WA Zip: 98007
 Phone: 425-395-1020 Fax: 425-395-0011

P.O.# 51207.7

51607.7

Project Name Wh. Tiers

Turn Around	Lab Use Only

1

□ ब्राह्मणः

Pressurization Gas:

望

Faculum

Final

[illegible]

A scatter plot showing a positive linear relationship between variables x and y . The data points are scattered around a solid line with a positive slope, representing the linear regression model.

$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}}$$
$$r = \frac{1}{2}$$

A scatter plot showing the relationship between the number of children in the household (X-axis) and the number of children in the family (Y-axis). The X-axis ranges from 0 to 10, and the Y-axis ranges from 0 to 10. The data points are as follows:

Number of children in the household (X)	Number of children in the family (Y)
0	0
0	1
0	2
0	3
0	4
0	5
0	6
0	7
0	8
0	9
0	10
1	0
1	1
1	2
1	3
1	4
1	5
1	6
1	7
1	8
1	9
1	10
2	0
2	1
2	2
2	3
2	4
2	5
2	6
2	7
2	8
2	9
2	10
3	0
3	1
3	2
3	3
3	4
3	5
3	6
3	7
3	8
3	9
3	10
4	0
4	1
4	2
4	3
4	4
4	5
4	6
4	7
4	8
4	9
4	10
5	0
5	1
5	2
5	3
5	4
5	5
5	6
5	7
5	8
5	9
5	10
6	0
6	1
6	2
6	3
6	4
6	5
6	6
6	7
6	8
6	9
6	10
7	0
7	1
7	2
7	3
7	4
7	5
7	6
7	7
7	8
7	9
7	10
8	0
8	1
8	2
8	3
8	4
8	5
8	6
8	7
8	8
8	9
8	10
9	0
9	1
9	2
9	3
9	4
9	5
9	6
9	7
9	8
9	9
9	10
10	0
10	1
10	2
10	3
10	4
10	5
10	6
10	7
10	8
10	9
10	10

[illegible][illegible]

-4-

1003

421

4
2
4

1250 REV. 1

12/9/2009

Mr. Jerry Sawetz
Environmental Partners Inc.
295 NE Gilman Blvd.
Suite 201
Issaquah WA 98027

Project Name: Whitney's
Project #: 51201.7
Workorder #: 0911425

Dear Mr. Jerry Sawetz

The following report includes the data for the above referenced project for sample(s) received on 11/19/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

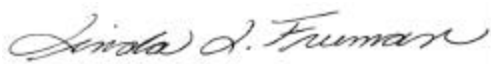
WORK ORDER #: 0911425

Work Order Summary

CLIENT:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027	BILL TO:	Mr. Jerry Sawetz Environmental Partners Inc. 295 NE Gilman Blvd. Suite 201 Issaquah, WA 98027
PHONE:	425-301-1227	P.O. #	51201.7
FAX:	425-395-0011	PROJECT #	51201.7 Whitney's
DATE RECEIVED:	11/19/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/09/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	VFW-IA-1	Modified TO-15	6.0 "Hg	5 psi
01AA	VFW-IA-1 Lab Duplicate	Modified TO-15	6.0 "Hg	5 psi
01B	VFW-IA-1	Modified TO-15	6.0 "Hg	5 psi
01BB	VFW-IA-1 Lab Duplicate	Modified TO-15	6.0 "Hg	5 psi
02A	VFW-IA-2	Modified TO-15	5.5 "Hg	5 psi
02B	VFW-IA-2	Modified TO-15	5.5 "Hg	5 psi
03A	CH-IA-1	Modified TO-15	3.5 "Hg	5 psi
03B	CH-IA-1	Modified TO-15	3.5 "Hg	5 psi
04A	CH-IA-2	Modified TO-15	6.5 "Hg	5 psi
04B	CH-IA-2	Modified TO-15	6.5 "Hg	5 psi
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07B	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



Laboratory Director

DATE: 12/09/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Environmental Partners Inc.
Workorder# 0911425**

Four 6 Liter Summa Canister (SIM Certified) samples were received on November 19, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	For Full Scan: 30% RSD with 4 compounds allowed out to $< 40\%$ RSD For SIM: Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	For Full Scan: $\leq 30\%$ Difference with four allowed out up to $\leq 40\%$; flag and narrate outliers For SIM: Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedences and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit for 1,2-Dibromoethane (EDB) and Naphthalene. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: VFW-IA-1

Lab ID#: 0911425-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	2.1	4.2	10
Chloromethane	0.84	1.1	1.7	2.3
Freon 11	0.84	1.0	4.7	5.9
Ethanol	4.2	2100 E	7.9	3900 E
Acetone	4.2	10	10	24
Hexane	0.84	1.2	3.0	4.1
2-Butanone (Methyl Ethyl Ketone)	0.84	1.1	2.5	3.3
1,4-Dichlorobenzene	0.84	120	5.0	720

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	2.0	4.2	9.8
Chloromethane	0.84	1.2	1.7	2.5
Freon 11	0.84	1.0	4.7	5.6
Ethanol	4.2	2100 E	7.9	3900 E
Acetone	4.2	9.4	10	22
Hexane	0.84	1.2	3.0	4.3
2-Butanone (Methyl Ethyl Ketone)	0.84	0.94	2.5	2.8
1,4-Dichlorobenzene	0.84	110	5.0	690

Client Sample ID: VFW-IA-1

Lab ID#: 0911425-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.17	0.27	0.92	1.5
Benzene	0.42	0.69	1.3	2.2
Toluene	0.17	1.4	0.63	5.2

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01BB

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.17	0.26	0.92	1.4

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01BB

Benzene	0.42	0.66	1.3	2.1
Toluene	0.17	1.3	0.63	5.0

Client Sample ID: VFW-IA-2

Lab ID#: 0911425-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.33	1.0	1.6	5.1
Chloromethane	0.33	1.1	0.68	2.2
Freon 11	0.33	0.51	1.8	2.9
Ethanol	1.6	400 E	3.1	760 E
Acetone	1.6	11	3.9	25
Hexane	0.33	0.72	1.2	2.5
2-Butanone (Methyl Ethyl Ketone)	0.33	1.4	0.97	4.2
1,4-Dichlorobenzene	0.33	17	2.0	100

Client Sample ID: VFW-IA-2

Lab ID#: 0911425-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.066	0.20	0.36	1.1
Benzene	0.16	0.67	0.52	2.1
Toluene	0.066	0.73	0.25	2.8
Ethyl Benzene	0.066	0.083	0.28	0.36
m,p-Xylene	0.13	0.18	0.57	0.80
o-Xylene	0.066	0.068	0.28	0.30

Client Sample ID: CH-IA-1

Lab ID#: 0911425-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3.0	6.4	15	32
Freon 11	3.0	3.2	17	18
Ethanol	15	2900 E	29	5600 E
1,4-Dichlorobenzene	3.0	14	18	82

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: CH-IA-1

Lab ID#: 0911425-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	0.61	1.1	2.3	4.2

Client Sample ID: CH-IA-2

Lab ID#: 0911425-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.82	0.84	4.1
Chloromethane	0.17	0.35	0.35	0.72
Freon 11	0.17	0.43	0.96	2.4
Ethanol	0.86	46	1.6	86
Acetone	0.86	2.0	2.0	4.9
Methylene Chloride	0.34	0.61	1.2	2.1
Hexane	0.17	4.1	0.60	14
2-Butanone (Methyl Ethyl Ketone)	0.17	0.32	0.50	0.94
Cyclohexane	0.17	1.2	0.59	4.3
Heptane	0.17	0.93	0.70	3.8
1,4-Dichlorobenzene	0.17	5.8	1.0	35

Client Sample ID: CH-IA-2

Lab ID#: 0911425-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.034	0.15	0.19	0.80
Benzene	0.086	0.25	0.27	0.80
Toluene	0.034	0.35	0.13	1.3
Tetrachloroethene	0.034	0.049	0.23	0.33
Ethyl Benzene	0.034	0.045	0.15	0.20
m,p-Xylene	0.068	0.12	0.30	0.53
o-Xylene	0.034	0.043	0.15	0.19

Client Sample ID: VFW-IA-1

Lab ID#: 0911425-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120213	Date of Collection: 11/13/09 5:09:00 PM		
Dil. Factor:	8.40	Date of Analysis: 12/2/09 10:41 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	2.1	4.2	10
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.1	1.7	2.3
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	1.0	4.7	5.9
Ethanol	4.2	2100 E	7.9	3900 E
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	4.2	10	10	24
2-Propanol	4.2	Not Detected	10	Not Detected
Carbon Disulfide	4.2	Not Detected	13	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected
Methylene Chloride	1.7	Not Detected	5.8	Not Detected
Hexane	0.84	1.2	3.0	4.1
2-Butanone (Methyl Ethyl Ketone)	0.84	1.1	2.5	3.3
Tetrahydrofuran	4.2	Not Detected	12	Not Detected
Chloroform	0.84	Not Detected	4.1	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
2,2,4-Trimethylpentane	4.2	Not Detected	20	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected

Client Sample ID: VFW-IA-1

Lab ID#: 0911425-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120213	Date of Collection: 11/13/09 5:09:00 PM
Dil. Factor:	8.40	Date of Analysis: 12/2/09 10:41 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	120	5.0	720
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	45	Not Detected
Naphthalene	4.2	Not Detected	22	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120214	Date of Collection:	11/13/09 5:09:00 PM	
Dil. Factor:	8.40	Date of Analysis:	12/2/09 11:11 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	2.0	4.2	9.8
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.2	1.7	2.5
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	1.0	4.7	5.6
Ethanol	4.2	2100 E	7.9	3900 E
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	4.2	9.4	10	22
2-Propanol	4.2	Not Detected	10	Not Detected
Carbon Disulfide	4.2	Not Detected	13	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected
Methylene Chloride	1.7	Not Detected	5.8	Not Detected
Hexane	0.84	1.2	3.0	4.3
2-Butanone (Methyl Ethyl Ketone)	0.84	0.94	2.5	2.8
Tetrahydrofuran	4.2	Not Detected	12	Not Detected
Chloroform	0.84	Not Detected	4.1	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
2,2,4-Trimethylpentane	4.2	Not Detected	20	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120214	Date of Collection: 11/13/09 5:09:00 PM
Dil. Factor:	8.40	Date of Analysis: 12/2/09 11:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	110	5.0	690
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	45	Not Detected
Naphthalene	4.2	Not Detected	22	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: VFW-IA-1

Lab ID#: 0911425-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120213sim	Date of Collection: 11/13/09 5:09:00 PM
Dil. Factor:	8.40	Date of Analysis: 12/2/09 10:41 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.084	Not Detected	0.21	Not Detected
1,1-Dichloroethene	0.084	Not Detected	0.33	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.68	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.17	0.27	0.92	1.5
Benzene	0.42	0.69	1.3	2.2
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	Not Detected	0.90	Not Detected
Toluene	0.17	1.4	0.63	5.2
1,1,2-Trichloroethane	0.17	Not Detected	0.92	Not Detected
Tetrachloroethene	0.17	Not Detected	1.1	Not Detected
Ethyl Benzene	0.17	Not Detected	0.73	Not Detected
m,p-Xylene	0.34	Not Detected	1.4	Not Detected
o-Xylene	0.17	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: VFW-IA-1 Lab Duplicate

Lab ID#: 0911425-01BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120214sim	Date of Collection: 11/13/09 5:09:00 PM
Dil. Factor:	8.40	Date of Analysis: 12/2/09 11:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.084	Not Detected	0.21	Not Detected
1,1-Dichloroethene	0.084	Not Detected	0.33	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.68	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.17	0.26	0.92	1.4
Benzene	0.42	0.66	1.3	2.1
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	Not Detected	0.90	Not Detected
Toluene	0.17	1.3	0.63	5.0
1,1,2-Trichloroethane	0.17	Not Detected	0.92	Not Detected
Tetrachloroethene	0.17	Not Detected	1.1	Not Detected
Ethyl Benzene	0.17	Not Detected	0.73	Not Detected
m,p-Xylene	0.34	Not Detected	1.4	Not Detected
o-Xylene	0.17	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: VFW-IA-2

Lab ID#: 0911425-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120215	Date of Collection: 11/13/09 5:11:00 PM		
Dil. Factor:	3.28	Date of Analysis: 12/3/09 08:20 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.33	1.0	1.6	5.1
Freon 114	0.33	Not Detected	2.3	Not Detected
Chloromethane	0.33	1.1	0.68	2.2
1,3-Butadiene	0.33	Not Detected	0.72	Not Detected
Bromomethane	0.33	Not Detected	1.3	Not Detected
Chloroethane	0.33	Not Detected	0.86	Not Detected
Freon 11	0.33	0.51	1.8	2.9
Ethanol	1.6	400 E	3.1	760 E
Freon 113	0.33	Not Detected	2.5	Not Detected
Acetone	1.6	11	3.9	25
2-Propanol	1.6	Not Detected	4.0	Not Detected
Carbon Disulfide	1.6	Not Detected	5.1	Not Detected
3-Chloropropene	1.6	Not Detected	5.1	Not Detected
Methylene Chloride	0.66	Not Detected	2.3	Not Detected
Hexane	0.33	0.72	1.2	2.5
2-Butanone (Methyl Ethyl Ketone)	0.33	1.4	0.97	4.2
Tetrahydrofuran	1.6	Not Detected	4.8	Not Detected
Chloroform	0.33	Not Detected	1.6	Not Detected
Cyclohexane	0.33	Not Detected	1.1	Not Detected
Carbon Tetrachloride	0.33	Not Detected	2.1	Not Detected
2,2,4-Trimethylpentane	1.6	Not Detected	7.7	Not Detected
Heptane	0.33	Not Detected	1.3	Not Detected
1,2-Dichloropropane	0.33	Not Detected	1.5	Not Detected
1,4-Dioxane	0.33	Not Detected	1.2	Not Detected
Bromodichloromethane	0.33	Not Detected	2.2	Not Detected
cis-1,3-Dichloropropene	0.33	Not Detected	1.5	Not Detected
4-Methyl-2-pentanone	0.33	Not Detected	1.3	Not Detected
trans-1,3-Dichloropropene	0.33	Not Detected	1.5	Not Detected
2-Hexanone	1.6	Not Detected	6.7	Not Detected
Dibromochloromethane	0.33	Not Detected	2.8	Not Detected
1,2-Dibromoethane (EDB)	0.33	Not Detected	2.5	Not Detected
Chlorobenzene	0.33	Not Detected	1.5	Not Detected
Styrene	0.33	Not Detected	1.4	Not Detected
Bromoform	0.33	Not Detected	3.4	Not Detected
Cumene	0.33	Not Detected	1.6	Not Detected
Propylbenzene	0.33	Not Detected	1.6	Not Detected
4-Ethyltoluene	0.33	Not Detected	1.6	Not Detected
1,3,5-Trimethylbenzene	0.33	Not Detected	1.6	Not Detected
1,2,4-Trimethylbenzene	0.33	Not Detected	1.6	Not Detected

Client Sample ID: VFW-IA-2

Lab ID#: 0911425-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120215	Date of Collection: 11/13/09 5:11:00 PM
Dil. Factor:	3.28	Date of Analysis: 12/3/09 08:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.33	Not Detected	2.0	Not Detected
1,4-Dichlorobenzene	0.33	17	2.0	100
alpha-Chlorotoluene	0.33	Not Detected	1.7	Not Detected
1,2-Dichlorobenzene	0.33	Not Detected	2.0	Not Detected
1,2,4-Trichlorobenzene	1.6	Not Detected	12	Not Detected
Hexachlorobutadiene	1.6	Not Detected	17	Not Detected
Naphthalene	1.6	Not Detected	8.6	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: VFW-IA-2

Lab ID#: 0911425-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120215sim	Date of Collection: 11/13/09 5:11:00 PM
Dil. Factor:	3.28	Date of Analysis: 12/3/09 08:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.033	Not Detected	0.084	Not Detected
1,1-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1-Dichloroethane	0.066	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.066	Not Detected	0.26	Not Detected
1,1,1-Trichloroethane	0.066	0.20	0.36	1.1
Benzene	0.16	0.67	0.52	2.1
1,2-Dichloroethane	0.066	Not Detected	0.26	Not Detected
Trichloroethene	0.066	Not Detected	0.35	Not Detected
Toluene	0.066	0.73	0.25	2.8
1,1,2-Trichloroethane	0.066	Not Detected	0.36	Not Detected
Tetrachloroethene	0.066	Not Detected	0.44	Not Detected
Ethyl Benzene	0.066	0.083	0.28	0.36
m,p-Xylene	0.13	0.18	0.57	0.80
o-Xylene	0.066	0.068	0.28	0.30
1,1,2,2-Tetrachloroethane	0.066	Not Detected	0.45	Not Detected
trans-1,2-Dichloroethene	0.33	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.33	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: CH-IA-1

Lab ID#: 0911425-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120216	Date of Collection:	11/13/09 5:41:00 PM	
Dil. Factor:	30.4	Date of Analysis:	12/3/09 08:59 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3.0	6.4	15	32
Freon 114	3.0	Not Detected	21	Not Detected
Chloromethane	3.0	Not Detected	6.3	Not Detected
1,3-Butadiene	3.0	Not Detected	6.7	Not Detected
Bromomethane	3.0	Not Detected	12	Not Detected
Chloroethane	3.0	Not Detected	8.0	Not Detected
Freon 11	3.0	3.2	17	18
Ethanol	15	2900 E	29	5600 E
Freon 113	3.0	Not Detected	23	Not Detected
Acetone	15	Not Detected	36	Not Detected
2-Propanol	15	Not Detected	37	Not Detected
Carbon Disulfide	15	Not Detected	47	Not Detected
3-Chloropropene	15	Not Detected	48	Not Detected
Methylene Chloride	6.1	Not Detected	21	Not Detected
Hexane	3.0	Not Detected	11	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	9.0	Not Detected
Tetrahydrofuran	15	Not Detected	45	Not Detected
Chloroform	3.0	Not Detected	15	Not Detected
Cyclohexane	3.0	Not Detected	10	Not Detected
Carbon Tetrachloride	3.0	Not Detected	19	Not Detected
2,2,4-Trimethylpentane	15	Not Detected	71	Not Detected
Heptane	3.0	Not Detected	12	Not Detected
1,2-Dichloropropane	3.0	Not Detected	14	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	3.0	Not Detected	20	Not Detected
cis-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
4-Methyl-2-pentanone	3.0	Not Detected	12	Not Detected
trans-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
2-Hexanone	15	Not Detected	62	Not Detected
Dibromochloromethane	3.0	Not Detected	26	Not Detected
1,2-Dibromoethane (EDB)	3.0	Not Detected	23	Not Detected
Chlorobenzene	3.0	Not Detected	14	Not Detected
Styrene	3.0	Not Detected	13	Not Detected
Bromoform	3.0	Not Detected	31	Not Detected
Cumene	3.0	Not Detected	15	Not Detected
Propylbenzene	3.0	Not Detected	15	Not Detected
4-Ethyltoluene	3.0	Not Detected	15	Not Detected
1,3,5-Trimethylbenzene	3.0	Not Detected	15	Not Detected
1,2,4-Trimethylbenzene	3.0	Not Detected	15	Not Detected

Client Sample ID: CH-IA-1

Lab ID#: 0911425-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120216	Date of Collection: 11/13/09 5:41:00 PM
Dil. Factor:	30.4	Date of Analysis: 12/3/09 08:59 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,4-Dichlorobenzene	3.0	14	18	82
alpha-Chlorotoluene	3.0	Not Detected	16	Not Detected
1,2-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,2,4-Trichlorobenzene	15	Not Detected	110	Not Detected
Hexachlorobutadiene	15	Not Detected	160	Not Detected
Naphthalene	15	Not Detected	80	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: CH-IA-1

Lab ID#: 0911425-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120216sim	Date of Collection: 11/13/09 5:41:00 PM
Dil. Factor:	30.4	Date of Analysis: 12/3/09 08:59 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.30	Not Detected	0.78	Not Detected
1,1-Dichloroethene	0.30	Not Detected	1.2	Not Detected
1,1-Dichloroethane	0.61	Not Detected	2.5	Not Detected
cis-1,2-Dichloroethene	0.61	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.61	Not Detected	3.3	Not Detected
Benzene	1.5	Not Detected	4.8	Not Detected
1,2-Dichloroethane	0.61	Not Detected	2.5	Not Detected
Trichloroethene	0.61	Not Detected	3.3	Not Detected
Toluene	0.61	1.1	2.3	4.2
1,1,2-Trichloroethane	0.61	Not Detected	3.3	Not Detected
Tetrachloroethene	0.61	Not Detected	4.1	Not Detected
Ethyl Benzene	0.61	Not Detected	2.6	Not Detected
m,p-Xylene	1.2	Not Detected	5.3	Not Detected
o-Xylene	0.61	Not Detected	2.6	Not Detected
1,1,2,2-Tetrachloroethane	0.61	Not Detected	4.2	Not Detected
trans-1,2-Dichloroethene	3.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: CH-IA-2

Lab ID#: 0911425-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120217	Date of Collection:	11/13/09 5:47:00 PM	
Dil. Factor:	1.71	Date of Analysis:	12/3/09 09:33 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.82	0.84	4.1
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.35	0.35	0.72
1,3-Butadiene	0.17	Not Detected	0.38	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	0.43	0.96	2.4
Ethanol	0.86	46	1.6	86
Freon 113	0.17	Not Detected	1.3	Not Detected
Acetone	0.86	2.0	2.0	4.9
2-Propanol	0.86	Not Detected	2.1	Not Detected
Carbon Disulfide	0.86	Not Detected	2.7	Not Detected
3-Chloropropene	0.86	Not Detected	2.7	Not Detected
Methylene Chloride	0.34	0.61	1.2	2.1
Hexane	0.17	4.1	0.60	14
2-Butanone (Methyl Ethyl Ketone)	0.17	0.32	0.50	0.94
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
Cyclohexane	0.17	1.2	0.59	4.3
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
2,2,4-Trimethylpentane	0.86	Not Detected	4.0	Not Detected
Heptane	0.17	0.93	0.70	3.8
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
1,4-Dioxane	0.17	Not Detected	0.62	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.70	Not Detected
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
2-Hexanone	0.86	Not Detected	3.5	Not Detected
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
Bromoform	0.17	Not Detected	1.8	Not Detected
Cumene	0.17	Not Detected	0.84	Not Detected
Propylbenzene	0.17	Not Detected	0.84	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.84	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected

Client Sample ID: CH-IA-2

Lab ID#: 0911425-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120217	Date of Collection: 11/13/09 5:47:00 PM
Dil. Factor:	1.71	Date of Analysis: 12/3/09 09:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	5.8	1.0	35
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected	9.1	Not Detected
Naphthalene	0.86	Not Detected	4.5	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: CH-IA-2

Lab ID#: 0911425-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120217sim	Date of Collection: 11/13/09 5:47:00 PM
Dil. Factor:	1.71	Date of Analysis: 12/3/09 09:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.068	Not Detected
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
1,1,1-Trichloroethane	0.034	0.15	0.19	0.80
Benzene	0.086	0.25	0.27	0.80
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
Toluene	0.034	0.35	0.13	1.3
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.049	0.23	0.33
Ethyl Benzene	0.034	0.045	0.15	0.20
m,p-Xylene	0.068	0.12	0.30	0.53
o-Xylene	0.034	0.043	0.15	0.19
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911425-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120206a	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	12/2/09 05:38 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0911425-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120206a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
Naphthalene	0.50	Not Detected	2.6	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: Lab Blank

Lab ID#: 0911425-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120206sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 05:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: CCV

Lab ID#: 0911425-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 11:15 AM

Compound	%Recovery
Freon 12	104
Freon 114	97
Chloromethane	113
1,3-Butadiene	94
Bromomethane	100
Chloroethane	103
Freon 11	102
Ethanol	76
Freon 113	97
Acetone	78
2-Propanol	85
Carbon Disulfide	99
3-Chloropropene	97
Methylene Chloride	89
Hexane	97
2-Butanone (Methyl Ethyl Ketone)	103
Tetrahydrofuran	100
Chloroform	103
Cyclohexane	94
Carbon Tetrachloride	134 Q
2,2,4-Trimethylpentane	96
Heptane	114
1,2-Dichloropropane	113
1,4-Dioxane	100
Bromodichloromethane	121
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	116
trans-1,3-Dichloropropene	121
2-Hexanone	109
Dibromochloromethane	120
1,2-Dibromoethane (EDB)	109
Chlorobenzene	108
Styrene	110
Bromoform	118
Cumene	107
Propylbenzene	111
4-Ethyltoluene	108
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	108

Client Sample ID: CCV

Lab ID#: 0911425-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 11:15 AM

Compound	%Recovery
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	135 Q
1,2-Dichlorobenzene	95
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	82
Naphthalene	85

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: CCV

Lab ID#: 0911425-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 11:15 AM

Compound	%Recovery
Vinyl Chloride	105
1,1-Dichloroethene	89
1,1-Dichloroethane	109
cis-1,2-Dichloroethene	92
1,1,1-Trichloroethane	109
Benzene	105
1,2-Dichloroethane	134 Q
Trichloroethene	103
Toluene	107
1,1,2-Trichloroethane	107
Tetrachloroethene	94
Ethyl Benzene	103
m,p-Xylene	100
o-Xylene	103
1,1,2,2-Tetrachloroethane	104
trans-1,2-Dichloroethene	98
Methyl tert-butyl ether	118

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: LCS

Lab ID#: 0911425-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 01:13 PM

Compound	%Recovery
Freon 12	102
Freon 114	96
Chloromethane	102
1,3-Butadiene	96
Bromomethane	100
Chloroethane	103
Freon 11	101
Ethanol	125
Freon 113	84
Acetone	80
2-Propanol	83
Carbon Disulfide	96
3-Chloropropene	92
Methylene Chloride	82
Hexane	92
2-Butanone (Methyl Ethyl Ketone)	105
Tetrahydrofuran	96
Chloroform	98
Cyclohexane	91
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	94
Heptane	111
1,2-Dichloropropane	110
1,4-Dioxane	98
Bromodichloromethane	116
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	116
trans-1,3-Dichloropropene	118
2-Hexanone	108
Dibromochloromethane	120
1,2-Dibromoethane (EDB)	110
Chlorobenzene	106
Styrene	108
Bromoform	119
Cumene	102
Propylbenzene	106
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	108

Client Sample ID: LCS

Lab ID#: 0911425-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 01:13 PM

Compound	%Recovery
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	134 Q
1,2-Dichlorobenzene	96
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	88
Naphthalene	88

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 0911425-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z120203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/2/09 01:13 PM

Compound	%Recovery
Vinyl Chloride	104
1,1-Dichloroethene	79
1,1-Dichloroethane	104
cis-1,2-Dichloroethene	90
1,1,1-Trichloroethane	105
Benzene	99
1,2-Dichloroethane	125
Trichloroethene	98
Toluene	98
1,1,2-Trichloroethane	104
Tetrachloroethene	90
Ethyl Benzene	103
m,p-Xylene	99
o-Xylene	103
1,1,2,2-Tetrachloroethane	104
trans-1,2-Dichloroethene	96
Methyl tert-butyl ether	119

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	99	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. At Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, indemnify and hold Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling or shipping of samples. D.C. I (rev. 12/01) 457-9922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 3

Project Manager
Jeff Sawetz

Collected by: Eric Cardley (Print and Sign)
Company: Environmental Partners, Inc Email: eric@epa-wa.com
Address: 245 NE Gilliam Blvd City: Frederick State: WA Zip: 98003
Phone: 425-345-0026 Fax: 425-345-0011

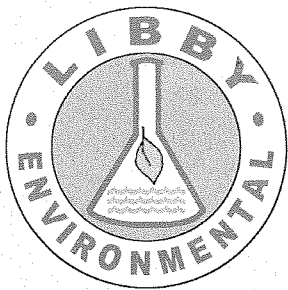
Project Info: P.O. # <u>51201.7</u> Project # <u>51201.7</u> Project Name <u>Wukitchew's</u>	Turn Around Time: ☒ Normal ☐ Rush _____	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: _____ N _____ He _____

[illegible]

Forfeited by: (signature) <i>[Signature]</i> Date/Time 11/17/09	Received by: (signature) Date/Time Fed Ex 11/17/09	Notes: 11/19/09
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time Monica Gregson AR	
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seal's Intact?	Work Order #
					Yes No (None)	
	PELSEA	PA8147528705	NA	GOOD		0911425

0911425



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 28, 2009

Jerry Sawetz
Environmental Partners, Inc.
295 NE Gilman Boulevard
Suite 201
Issaquah, WA 98027

Dear Mr. Sawetz:

Please find enclosed the analytical data report for the Whitney's Chevrolet Project located in Montesano, Washington. Soil samples were analyzed for Gasoline by NWTPH-Gx and BTEX by EPA Method 8021B on December 16th and 21st, 2009; Hydrocarbon Identification by NWTPH-HCID on December 18th, 21st and 22nd, 2009 and Volatile Organic Compounds by EPA Method 8260B on December 16th and 23rd, 2009. Water samples were analyzed for Gasoline by NWTPH-Gx and BTEX by EPA Method 8021B on December 15th, 16th, 17 and 18th, 2009; Volatile Organic Compounds by EPA Method 8260B on December 18th and 19th, 2009 and Dissolved Lead by EPA Method 7421 on December 18, 2009.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work is enclosed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
President
Libby Environmental, Inc.

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Analyses Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	12/16/09	nd	nd	nd	nd	nd	99
LCS	12/16/09	89%	81%				84
KBMW-4:13	12/16/09	nd	nd	nd	nd	nd	84
KBMW-9:10	12/16/09	nd	nd	nd	nd	nd	101
KBMW-9:13	12/16/09	nd	nd	nd	nd	nd	108
KBMW-10:10	12/16/09	nd	nd	nd	nd	nd	99
KBMW-10:13	12/16/09	nd	nd	nd	nd	nd	130
KBMW-10:13 Dup	12/16/09	nd	nd	nd	nd	nd	118
KBMW-10:13 MS	12/16/09	102%	84%				85
Practical Quantitation Limit		0.028	0.04	0.04	0.08		

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Analyses BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Surrogate Recovery (%)
Method Blank	12/21/09	nd	nd	nd	nd	103
LCS	12/21/09	100%	103%			103
KBMW-9:5	12/21/09	nd	nd	nd	nd	101
KBMW-9:5 Dup	12/21/09	nd	nd	nd	nd	103
KBMW-9:5 MS	12/21/09	104%	110%			99
Practical Quantitation Limit		0.028	0.04	0.04	0.08	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Deanna Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	12/18/2009	105	nd	nd	nd	nd
KBMW-4:5	12/18/2009	112	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Athanasius Shaw

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	12/21/2009	102	nd	nd	nd	nd
KBMW-9:5	12/21/2009	107	nd	nd	nd	nd
KBMW-9:5 Dup	12/21/2009	106	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Deanna Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	12/22/2009	94	nd	nd	nd	nd
KBMW-6:10	12/22/2009	103	nd	nd	nd	nd
KBMW-6:15	12/22/2009	96	nd	nd	nd	nd
KBMW-9:10	12/22/2009	103	nd	nd	nd	nd
KBMW-9:10 Dup	12/22/2009	96	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Athanasius Shaw

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env. Project No. L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		Method Blank	KBMW-4:13	KBMW-9:10	KBMW-9:13	KBMW-10:10	KBMW-10:13
Date Sampled	Reporting	N/A	12/11/09	12/11/09	12/11/09	12/11/09	12/11/09
Date Analyzed	Limits	12/16/09	12/16/09	12/16/09	12/16/09	12/16/09	12/16/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> -Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.028	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.04	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.04	nd	nd	nd	nd	nd	nd
Total Xylenes	0.08	nd	nd	nd	nd	nd	nd
Styrenes	0.02	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		Method	KBMW-4:13	KBMW-9:10	KBMW-9:13	KBMW-10:10	KBMW-10:13
		Blank					
Date Sampled	Reporting	N/A	12/11/09	12/11/09	12/11/09	12/11/09	12/11/09
Date Analyzed	Limits	12/16/09	12/16/09	12/16/09	12/16/09	12/16/09	12/16/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalene	0.05	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		92.1	85.1	80.5	82.1	86.7	82.4
1,2-Dichloroethane-d4		96.4	79.3	81.2	82.5	91.7	79.1
Toluene-d8		96.3	98.9	99.7	98.7	88.1	94.9
4-Bromofluorobenzene		107	96.6	101	105	116	100

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

QA/QC Data - EPA 8260B Analyses

Sample Identification: L091209-10							
Matrix Spike				Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.48	96	0.50	0.43	86	10.8
Benzene	0.50	0.62	123	0.50	0.52	104	16.5
Toluene	0.50	0.56	113	0.50	0.47	95	17.3
Chlorobenzene	0.50	0.53	106	0.50	0.57	114	8.0
Trichloroethene (TCE)	0.50	0.61	122	0.50	0.45	90	30.3
Surrogate Recovery							
Dibromofluoromethane			86.7			99.4	
1,2-Dichloroethane-d4			90.1			99.2	
Toluene-d8			102			111	
4-Bromofluorobenzene			96.4			115	
Laboratory Control Sample							
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)				
1,1-Dichloroethene	0.50	0.44	88				
Benzene	0.50	0.53	107				
Toluene	0.50	0.60	119				
Chlorobenzene	0.50	0.51	101				
Trichloroethene (TCE)	0.50	0.58	115				
Surrogate Recovery							
Dibromofluoromethane			88.8				
1,2-Dichloroethane-d4			97.6				
Toluene-d8			98.4				
4-Bromofluorobenzene			97.1				

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		Method Blank	KBMW-6:10	KBMW-6:15	KBMW-9:5	KBMW-9:10	KBMW-4:14.5
Date Sampled	Reporting	N/A	12/10/09	12/10/09	12/11/09	12/11/09	12/11/09
Date Analyzed	Limits	12/23/09	12/23/09	12/23/09	12/23/09	12/23/09	12/23/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.028	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.04	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.04	nd	nd	nd	nd	nd	nd
Total Xylenes	0.08	nd	nd	nd	nd	nd	nd
Styrenes	0.02	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		Method	KBMW-6:10	KBMW-6:15	KBMW-9:5	KBMW-9:10	KBMW-4:14.5
		Blank					
Date Sampled	Reporting	N/A	12/10/09	12/10/09	12/11/09	12/11/09	12/11/09
Date Analyzed	Limits	12/23/09	12/23/09	12/23/09	12/23/09	12/23/09	12/23/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalene	0.05	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		86.9	99	78.4	83.7	95.4	85.4
1,2-Dichloroethane-d4		84.6	110	82.8	82.3	105	87.3
Toluene-d8		94.2	101	91.4	97.7	100	97.8
4-Bromofluorobenzene		104	95.5	94.8	99.4	100	104

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

QA/QC Data - EPA 8260B Analyses

Sample Identification: KBMW-6:10						
Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.52	104	0.50	0.43	86
Benzene	0.50	0.48	96	0.50	0.52	104
Toluene	0.50	0.50	100	0.50	0.47	95
Chlorobenzene	0.50	0.54	108	0.50	0.57	114
Trichloroethene (TCE)	0.50	0.52	104	0.50	0.45	90

Surrogate Recovery

Dibromofluoromethane	86.3
1,2-Dichloroethane-d4	88.8
Toluene-d8	95
4-Bromofluorobenzene	94.1

Laboratory Control Sample

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.52	104
Benzene	0.50	0.49	98
Toluene	0.50	0.45	90
Chlorobenzene	0.50	0.58	116
Trichloroethene (TCE)	0.50	0.48	96

Surrogate Recovery

Dibromofluoromethane	81.5
1,2-Dichloroethane-d4	84.8
Toluene-d8	95.6
4-Bromofluorobenzene	100

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description	KBMW-9:14.5		KBMW-9:14.5
			Dup
Date Sampled	Reporting	12/11/09	12/11/09
Date Analyzed	Limits	12/23/09	12/23/09
	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd
Chloromethane	0.06	nd	nd
Vinyl chloride	0.02	nd	nd
Bromomethane	0.09	nd	nd
Chloroethane	0.06	nd	nd
Trichlorofluoromethane	0.05	nd	nd
1,1-Dichloroethene	0.05	nd	nd
Methylene chloride	0.02	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.02	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd
1,1-Dichloroethane	0.02	nd	nd
2,2-Dichloropropane	0.05	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd
Chloroform	0.02	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd
Carbon tetrachloride	0.02	nd	nd
1,1-Dichloropropene	0.02	nd	nd
Benzene	0.028	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd
Trichloroethene (TCE)	0.03	nd	nd
1,2-Dichloropropane	0.02	nd	nd
Dibromomethane	0.04	nd	nd
Bromodichloromethane	0.02	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd
Toluene	0.04	0.16	0.18
Trans-1,3-Dichloropropene	0.03	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd
1,3-Dichloropropane	0.05	nd	nd
Dibromochloromethane	0.03	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd
Chlorobenzene	0.02	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd
Ethylbenzene	0.04	0.78	0.79
Total Xylenes	0.08	4.17	3.88
Styrenes	0.02	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description	KBMW-9:14.5		KBMW-9:14.5
		Dup	
Date Sampled	Reporting	12/11/09	12/11/09
Date Analyzed	Limits	12/23/09	12/23/09
	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd
Isopropylbenzene	0.08	0.13	0.14
1,2,3-Trichloropropane	0.02	nd	nd
Bromobenzene	0.03	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd
n-Propylbenzene	0.02	0.95	1.28
2-Chlorotoluene	0.02	nd	nd
4-Chlorotoluene	0.02	nd	nd
1,3,5-Trimethylbenzene	0.02	1.58	1.38
tert-Butylbenzene	0.02	0.63	0.72
1,2,4-Trimethylbenzene	0.02	4.75	5.41
sec-Butylbenzene	0.02	0.17	0.23
1,3-Dichlorobenzene	0.02	nd	nd
Isopropyltoluene	0.02	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd
n-Butylbenzene	0.02	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd
Naphthalene	0.05	0.41	0.30
1,2,3-Trichlorobenzene	1.0	nd	nd
Surrogate Recovery			
Dibromofluoromethane		83.7	99.5
1,2-Dichloroethane-d4		98.4	79.4
Toluene-d8		93.3	123
4-Bromofluorobenzene		93.9	80.2

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
KBMW-8	12/15/09	64	17.9	74	191	2700	102
KBMW-7	12/15/09	14	3.7	9.2	16	800	96
WCMW-6	12/15/09	nd	nd	nd	nd	nd	93
WCMW-6 Dup	12/15/09	nd	nd	nd	nd	nd	93
WCMW-1	12/15/09	180	220	280	970	9600	105
WCMW-5	12/15/09	200	260	40	1100	7900	103
ESMW-1	12/16/09	14	5.4	8.0	17	800	106
ESMW-1 Dup	12/16/09	12	5.3	11	18	750	103
WCMW-4	12/16/09	170	1300	268	4100	26,000	105
KBMW-1	12/17/09	1.1	nd	nd	nd	nd	99
KBMW-1 Dup	12/17/09	1.2	nd	nd	nd	nd	113
KBMW-2	12/17/09	450	3500	910	4700	38,000	106
ESMW-7	12/17/09	85	55	250	990	3600	105
KBMW-4	12/17/09	340	340	1200	3800	24,000	100
KBMW-5	12/17/09	nd	nd	nd	nd	nd	103
KBMW-6	12/17/09	nd	nd	nd	nd	nd	101
KBMW-3	12/17/09	8.6	nd	2.1	4.2	200	110
MWDUP-1	12/17/09	13	4.6	7.6	16	650	108
MWDUP-2	12/18/09	73	51	120	400	4000	111
WCMW-2	12/18/09	890	3400	1600	7500	52,000	91
WCMW-3	12/18/09	680	2700	1200	6500	41,000	94
KBMW-9	12/18/09	460	2500	1400	6100	37,000	96
KBMW-10	12/18/09	nd	nd	nd	nd	nd	98
KBMW-10 Dup	12/18/09	nd	nd	nd	nd	nd	101
Practical Quantitation Limit		1	2	1	3	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Deanna M. Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	12/15/09	nd	nd	nd	nd	nd	94
LCS	12/15/09	105%	111%				106
MS WCMW-6	12/15/09	100%	108%				99
Method Blank	12/16/09	nd	nd	nd	nd	nd	102
LCS	12/16/09	102%	102%				94
MS ESMW-1	12/16/09	93%	89%				84
Method Blank	12/17/09	nd	nd	nd	nd	nd	100
LCS	12/17/09	87%	103%				99
MS KBMW-5	12/17/09	108%	113%				111
Method Blank	12/18/09	nd	nd	nd	nd	nd	105
LCS	12/18/09	103%	109%				113
MS KBMW-10	12/18/09	95%	99%				98
Practical Quantitation Limit		1	2	1	3	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Deanna M. Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		Method Blank	KBMW-8	KBMW-7	WCMW-6	WCMW-1	WCMW-5
Date Sampled	Reporting	N/A	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/18/09	12/19/09	12/18/09	12/19/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	54.4	11.6	nd	7.9	267
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	2.8	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	8.9	4.1	nd	84.4	274
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	4.5	9.1	4.7	24.6	13.7
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	nd	nd	58.6	39.7
Total Xylenes	2.0	nd	147	13.1	nd	816	1440
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description	Method	KBMW-8	KBMW-7	WCMW-6	WCMW-1	WCMW-5
	Blank					
Date Sampled	Reporting	N/A	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/18/09	12/19/09	12/18/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	nd	84.2	1.7
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	38.2	46.3	nd	216
tert-Butylbenzene	1.0	nd	nd	nd	125	33.2
1,2,4-Trimethylbenzene	1.0	nd	52.2	3.6	nd	938
sec-Butylbenzene	1.0	nd	nd	nd	600	3.9
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	nd	7.0	1.9
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	1.4	nd	33.2
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	16.0	nd	121
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	57.3
Surrogate Recovery						
Dibromofluoromethane	89.9	83.6	108	65.2	110	72.3
1,2-Dichloroethane-d4	80.3	80.9	88.6	127	76.6	111
Toluene-d8	104	93.9	95.4	88.2	65.5	106
4-Bromofluorobenzene	104	96.3	117	77.8	82.1	84.1

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

QA/QC Data - EPA 8260B Analyses

Sample Identification: KBMW-3						
	Matrix Spike			Matrix Spike Duplicate		
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	11.2	112	10	10.4	104
Benzene	10	10.4	104	10	11.5	115
Toluene	10	10.5	105	10	9.9	99
Chlorobenzene	10	11.3	113	10	11.1	111
Trichloroethene (TCE)	10	11.0	110	10	11.0	110

Surrogate Recovery

Dibromofluoromethane	84.1	94.4
1,2-Dichloroethane-d4	91.1	98.1
Toluene-d8	106	93.3
4-Bromofluorobenzene	94.2	95.6

Laboratory Control Sample

	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	20	21.3	107
Benzene	20	17.0	85
Toluene	20	22.4	112
Chlorobenzene	20	20.6	103
Trichloroethene (TCE)	20	19.4	97

Surrogate Recovery

Dibromofluoromethane	101
1,2-Dichloroethane-d4	103
Toluene-d8	88
4-Bromofluorobenzene	101

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		ESMW-1	ESMW-1	WCMW-4	KBMW-1	KBMW-2	ESMW-7
		Dup					
Date Sampled	Reporting	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/18/09	12/18/09	12/19/09	12/19/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	11.3	10.5	115	nd	553	76.5
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	8.2	9.5	2040	nd	5750	30.2
<i>Trans</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	24.0	9.3	9.2	6.4
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	1.1	1.5	266	nd	nd	5.1
Total Xylenes	2.0	29.6	22.8	5460	nd	8110	680
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		ESMW-1	ESMW-1	WCMW-4	KBMW-1	KBMW-2	ESMW-7
		Dup					
Date Sampled	Reporting	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/18/09	12/18/09	12/19/09	12/19/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	86.1	nd	178	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	10.4	10.0	940	nd	561	33.2
tert-Butylbenzene	1.0	nd	nd	117	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	7.8	5.1	703	nd	1460	53.3
sec-Butylbenzene	1.0	nd	nd	7.3	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	2.8	2.1	5.5	nd	14.1	7.1
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	4.7	nd	16.2	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	12.6	nd	228	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		97.8	108	77.3	82	87.2	99.6
1,2-Dichloroethane-d4		88.9	91.8	98.2	90.6	86.2	96.3
Toluene-d8		82.5	90.1	96.2	85.7	103	84.4
4-Bromofluorobenzene		95.5	101	112	110	107	130

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-4	KBMW-5	KBMW-6	KBMW-3	MWDUP-1	MWDUP-2
Date Sampled	Reporting	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/19/09	12/18/09	12/18/09	12/18/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	279	nd	nd	10.0	8.8	64.5
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	431	nd	nd	3.5	nd	20.8
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	4.2	nd	nd	nd	nd	3.7
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	1390	nd	nd	nd	nd	6.8
Total Xylenes	2.0	4340	nd	nd	3.8	12.1	262
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-4	KBMW-5	KBMW-6	KBMW-3	MWDUP-1	MWDUP-2
Date Sampled	Reporting	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09	12/13/09
Date Analyzed	Limits	12/19/09	12/18/09	12/18/09	12/18/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	81.5	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	369	nd	nd	nd	nd	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	506	nd	nd	nd	14.1	39.9
tert-Butylbenzene	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	1570	nd	nd	3.0	4.8	27.2
sec-Butylbenzene	1.0	37.2	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	11.0	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	59.3	nd	nd	nd	nd	5.4
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	195	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		74.3	110	78.7	107	76.4	81.9
1,2-Dichloroethane-d4		121	65.3	85.5	83.1	65.1	77.1
Toluene-d8		96.6	105	99.6	104	94.6	96.9
4-Bromofluorobenzene		74.1	94.3	102	98.7	80.3	92.2

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		WCMW-2	WCMW-3	KBMW-9	KBMW-10
Date Sampled	Reporting	12/12/09	12/12/09	12/14/09	12/14/09
Date Analyzed	Limits	12/19/09	12/19/09	12/19/09	12/19/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd
Benzene	1.0	1020	575	516	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd
Toluene	1.0	4350	2190	3850	nd
<i>Trans</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	23.7	27.1	1.8	5.9
1,3-Dichloropropane	1.0	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd
Ethylbenzene	1.0	1970	118	1900	nd
Total Xylenes	2.0	10000	6450	9100	nd
Styrenes	1.0	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		WCMW-2	WCMW-3	KBMW-9	KBMW-10
Date Sampled	Reporting	12/12/09	12/12/09	12/14/09	12/14/09
Date Analyzed	Limits	12/19/09	12/18/09	12/18/09	12/18/09
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd
Isopropylbenzene	4.0	108	nd	93.0	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd
n-Propylbenzene	1.0	336	8.5	218	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	732	508	484	nd
tert-Butylbenzene	1.0	nd	331	200	nd
1,2,4-Trimethylbenzene	1.0	1970	1060	1460	nd
sec-Butylbenzene	1.0	39.7	602	37.0	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd
Isopropyltoluene	1.0	16.0	21.3	15.3	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd
n-Butylbenzene	1.0	29.5	14.9	36.3	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd
Naphthalenes	5.0	322	171	479	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		76.6	78.8	92.6	83.5
1,2-Dichloroethane-d4		109	89.6	96.4	80.7
Toluene-d8		112	92.9	99	97.3
4-Bromofluorobenzene		80.1	94.5	95.1	103

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

Analyses of Dissolved Lead in Water by EPA Method 7421

Sample Number	Date Analyzed	Lead (ug/l)
Method Blank	12/18/09	nd
KBMW-8	12/18/09	nd
KBMW-7	12/18/09	nd
WCMW-6	12/18/09	nd
WCMW-1	12/18/09	8.9
WCMW-5	12/18/09	7.6
ESMW-1	12/18/09	nd
WCMW-4	12/18/09	14
KBMW-1	12/18/09	nd
KBMW-2	12/18/09	5.9
ESMW-7	12/18/09	nd
KBMW-4	12/18/09	5.7
KBMW-5	12/18/09	nd
KBMW-6	12/18/09	nd
KBMW-3	12/18/09	nd
MWDUP-1	12/18/09	nd
MWDUP-2	12/18/09	nd
WCMW-2	12/18/09	22
WCMW-3	12/18/09	28
KBMW-9	12/18/09	8.2
KBMW-10	12/18/09	nd
KBMW-10 Dup	12/18/09	nd
Practical Quantitation Limit		5.0
"nd" Indicates not detected at the listed detection limits.		

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091214-2

QA/QC for Lead in Water by EPA Method 7421

Sample Number	Date Analyzed	Lead (ug/l)
LCS	12/18/09	126%
KBMW-10 MS	12/18/09	121%
KBMW-10 MSD	12/18/09	126%
RPD	12/18/09	4%
Practical Quantitation Limit		5.0

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description	Method	DPT-34:12	DPT-35:12	DPT-33:8	DPT-33:12	DPT-45:12
	Blank					
Date Sampled	Reporting	N/A	11/12/09	11/12/09	11/13/09	11/13/09
Date Analyzed	Limits	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd
Benzene	0.028	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd
Toluene	0.04	nd	nd	0.067	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd
Ethylbenzene	0.04	nd	nd	nd	0.074	nd
Total Xylenes	0.08	nd	nd	0.10	0.18	nd
Styrenes	0.02	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description	Method	DPT-34:12	DPT-35:12	DPT-33:8	DPT-33:12	DPT-45:12
	Blank					
Date Sampled	Reporting	N/A	11/12/09	11/12/09	11/13/09	11/13/09
Date Analyzed	Limits	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	0.029	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd
Naphthalene	0.05	nd	nd	nd	0.050	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd
Surrogate Recovery						
Dibromofluoromethane		104	75	102	92	93
1,2-Dichloroethane-d4		84	96	86	75	90
Toluene-d8		96	914	95	93	85
4-Bromofluorobenzene		112	111	115	110	115

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

QA/QC Data - EPA 8260B Analyses

Sample Identification: DPT-31:12						
	Matrix Spike			Matrix Spike Duplicate		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.57	114	0.50	0.62	124
Benzene	0.50	0.60	120	0.50	0.46	92
Toluene	0.50	0.53	106	0.50	0.53	106
Chlorobenzene	0.50	0.56	112	0.50	0.56	112
Trichloroethene (TCE)	0.50	0.43	86	0.50	0.43	86

Surrogate Recovery

Dibromofluoromethane	94	94
1,2-Dichloroethane-d4	73	74
Toluene-d8	102	102
4-Bromofluorobenzene	115	116

Laboratory Control Sample

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.36	72
Benzene	0.50	0.56	112
Toluene	0.50	0.53	106
Chlorobenzene	0.50	0.53	106
Trichloroethene (TCE)	0.50	0.39	78

Surrogate Recovery

Dibromofluoromethane	92
1,2-Dichloroethane-d4	90
Toluene-d8	93
4-Bromofluorobenzene	112

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		DPT-44:12	DPT-28:12	DPT-32:12	DPT-30:12	DPT-30:15	DPT-31:12
Date Sampled	Reporting	11/13/09	11/14/09	11/14/09	11/15/09	11/15/09	11/15/09
Date Analyzed	Limits	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.028	nd	nd	nd	nd	nd	0.12
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.04	nd	nd	nd	0.11	0.12	0.099
<i>Trans</i> -1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.04	nd	nd	nd	0.083	0.070	0.25
Total Xylenes	0.08	nd	nd	nd	0.24	0.28	0.33
Styrenes	0.02	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		DPT-44:12	DPT-28:12	DPT-32:12	DPT-30:12	DPT-30:15	DPT-31:12
Date Sampled	Reporting	11/13/09	11/14/09	11/14/09	11/15/09	11/15/09	11/15/09
Date Analyzed	Limits	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09	11/24/09
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	0.021	0.048
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	0.031
tert-Butylbenzene	0.02	nd	nd	nd	nd	0.027	0.028
1,2,4-Trimethylbenzene	0.02	0.038	nd	nd	0.036	0.062	0.077
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	0.023	nd	nd	nd	0.025	0.023
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	0.025	nd	nd	nd	0.057	0.056
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalene	0.05	0.066	nd	nd	0.18	0.32	0.28
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		81	94	94	85	94	95
1,2-Dichloroethane-d4		101	92	97	77	77	74
Toluene-d8		99	98	96	100	101	104
4-Bromofluorobenzene		117	115	117	115	115	114

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		DPT-31:15
Date Sampled	Reporting	11/15/09
Date Analyzed	Limits	11/24/09
	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd
Chloromethane	0.06	nd
Vinyl chloride	0.02	nd
Bromomethane	0.09	nd
Chloroethane	0.06	nd
Trichlorofluoromethane	0.05	nd
1,1-Dichloroethene	0.05	nd
Methylene chloride	0.02	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.02	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd
1,1-Dichloroethane	0.02	nd
2,2-Dichloropropane	0.05	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd
Chloroform	0.02	nd
1,1,1-Trichloroethane (TCA)	0.02	nd
Carbon tetrachloride	0.02	nd
1,1-Dichloropropene	0.02	nd
Benzene	0.028	nd
1,2-Dichloroethane (EDC)	0.03	nd
Trichloroethene (TCE)	0.03	nd
1,2-Dichloropropane	0.02	nd
Dibromomethane	0.04	nd
Bromodichloromethane	0.02	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd
Toluene	0.04	0.12
Trans-1,3-Dichloropropene	0.03	nd
1,1,2-Trichloroethane	0.03	nd
Tetrachloroethene (PCE)	0.02	nd
1,3-Dichloropropane	0.05	nd
Dibromochloromethane	0.03	nd
1,2-Dibromoethane (EDB) *	0.005	nd
Chlorobenzene	0.02	nd
1,1,1,2-Tetrachloroethane	0.03	nd
Ethylbenzene	0.04	nd
Total Xylenes	0.08	nd
Styrenes	0.02	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN SOIL

Sample Description		DPT-31:15
Date Sampled	Reporting	11/15/09
Date Analyzed	Limits	11/24/09
	(mg/kg)	(mg/kg)
Bromoform	0.02	nd
Isopropylbenzene	0.08	nd
1,2,3-Trichloropropane	0.02	nd
Bromobenzene	0.03	nd
1,1,2,2-Tetrachloroethane	0.02	nd
n-Propylbenzene	0.02	0.056
2-Chlorotoluene	0.02	nd
4-Chlorotoluene	0.02	nd
1,3,5-Trimethylbenzene	0.02	0.033
tert-Butylbenzene	0.02	0.034
1,2,4-Trimethylbenzene	0.02	nd
sec-Butylbenzene	0.02	0.088
1,3-Dichlorobenzene	0.02	nd
Isopropyltoluene	0.02	0.022
1,4-Dichlorobenzene	0.02	nd
1,2-Dichlorobenzene	0.02	nd
n-Butylbenzene	0.02	nd
1,2-Dibromo-3-Chloropropane	0.03	nd
1,2,4-Trichlorobenzene	0.05	nd
Hexachloro-1,3-butadiene	0.10	nd
Naphthalene	0.05	0.35
1,2,3-Trichlorobenzene	1.0	nd
Surrogate Recovery		
Dibromofluoromethane		99
1,2-Dichloroethane-d4		83
Toluene-d8		97
4-Bromofluorobenzene		119

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Analyses BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Surrogate Recovery (%)
Method Blank	11/22/09	nd	nd	nd	nd	82
LCS	11/22/09	90%	98%			84
DPT-33:4	11/22/09	nd	nd	nd	nd	79
DPT-33:15	11/22/09	nd	nd	nd	nd	83
DPT-24:4	11/22/09	nd	nd	nd	nd	83
DPT-32:15	11/22/09	nd	nd	nd	nd	83
MS	11/22/09	108%	91%			108
MSD	11/22/09	116%	114%			106
Practical Quantitation Limit		0.028	0.04	0.04	0.08	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (TFT): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Heavy Oil (mg/kg)
Method Blank	11/19/2009	108	nd	nd	nd	nd
DPT-33:4	11/19/2009	101	nd	nd	nd	nd
DPT-33:15	11/19/2009	94	nd	nd	nd	nd
DPT-24:4	11/19/2009	104	nd	nd	nd	nd
DPT-32:15	11/19/2009	93	nd	nd	nd	nd
DPT-30:12	11/19/2009	107	nd	nd	nd	nd
DPT-30:15	11/19/2009	93	nd	nd	nd	nd
DPT-31:12	11/19/2009	92	nd	nd	nd	nd
DPT-31:15	11/19/2009	108	nd	nd	nd	nd
DPT-31:15 Dup	11/19/2009	110	nd	nd	nd	nd
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L091112-10

From: Jerry Sawetz <jerrys@epi-wa.com>
To: Inc. Libby Environmental <libbyenv@aol.com>
Cc: Eric Caddey <ericc@epi-wa.com>
Subject: Whitney Chevrolet Followup Analysis
Date: Thu, Nov 19, 2009 10:21 am

Sherry,

Please run the following samples with standard turnaround for:

1) VOCs by 8260:

DPT-34:12 (collected 11/12/09 at 1310)
DPT-35:12 (collected 11/12/09 at 1535)
DPT-33:8
DPT-33:12
DPT-45:12
DPT-44:12
DPT-28:12
DPT-32:12
DPT-30:12
DPT-30:15
DPT-31:12
DPT-31:15

2) HCID by NWTPH-HCID

DPT-33:4
DPT-33:15
DPT-24:4
DPT-32:15
DPT-30:12
DPT-30:15 (rerun)
DPT-31:12
DPT-31:15 (rerun)

3) BTEX by 8021

DPT-33:4
DPT-33:15
DPT-24:4
DPT-32:15

Feel free to contact me at 425-301-1227 with any questions.

Thanks

Jerry Sawetz
Environmental Partners, Inc.

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 12/10/09 Page: 1 of 2

Client: EPI
Address: 295 NE Gilman Blvd #201 Issaquah, WA
Phone: 425-395-0010 Fax: 425-395-0011
Client Project # 51201.7

Project Manager: Lucy Sawetz / Thom Moran
Project Name: Whitney Chevrolet
Location: 123 Pioneer Ave Montesano WA
Collector: Lucy Sawetz + Eric Calkins Date of Collection: 12/10/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBs 8082	MTCA 5 Metals	Field Note# Containers
1 KBMW-7:5	5	1124	Soil	5035									12/10/09 4
2 KBMW-7:10	10	1133											
3 KBMW-7:15	15	1146											
4 KBMW-8:5	5	1418											
5 KBMW-8:8	8	1421											
6 KBMW-8:12	12	1430											
7 KBMW-8:15	15	1437											
8 KBMW-6:5	5	1807											
9 KBMW-6:16	10	1815											
10 KBMW-6:15	15	1819											
11 KBMW-4:5	5	950											
12 KBMW-4:13	13	1000											
13 KBMW-4:14.5	14.5	1005											
14 KBMW-9:5	5	1304											
15 KBMW-9:10	10	1308											
16 KBMW-9:13	13	1316											
17 KBMW-9:14.5	14.5	1320											
18 KBMW-10:5	5	1509											
Relinquished by:	Date / Time	Received by	Date / Time	Sample Receipt:									
12/10/09 19:41	12/10/09 19:41	Remarks: Archive Samples until further notice											
Relinquished by:	Date / Time	Received by	Date / Time	Good Condition?									
12/10/09 19:41	12/10/09 19:41	Cold?											
Relinquished by:	Date / Time	Received by	Date / Time	Seals Intact?									
12/10/09 19:41	12/10/09 19:41	Total Number of Containers											
				TAT 24HR 48HR 5-Day									

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: _____ Page: 2 of 2

Client: _____

Project Manager: _____

Address: _____

Project Name: _____

Phone: _____

Location: _____

Fax: _____

Client Project # _____

Collector: _____

Date of Collection: _____

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	NWTPH-DX EXT	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note# Containers
1 KBMW-10:10	10	1515	Soil	5035	X	X	X	X							
2 KBMW-10:13	13	1521			X	X	X	X							
3 KBMW-10:14.5	14.5	1527													
4 KBMW-5:5	5	1832													
5 KBMW-5:10	10	1835													
6 KBMW-5:15	15	1840													
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: [Signature] Date / Time: 12/14/09 19:41

Relinquished by: [Signature] Date / Time: 12/14/09 3:27 PM

Relinquished by: [Signature] Date / Time: 12/14/09

Received by: [Signature] Date / Time: 12/14/09 19:41

Received by: [Signature] Date / Time: 12/14/09 3:27 PM

Received by: [Signature] Date / Time: 12/14/09

Remarks: Archive Samples until further notice

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: FPT

Address: 295 NE Gilman Blvd #201 Issaquah, WA

Phone: 425-395-0010 Fax: 425-395-0011

Client Project # 51201.7

Date: 12/14/09 Page: 1 of 1

Project Manager: Jerry Sawetz / Thom Moran

Project Name: Whitney Chevrolet

Location: Montesano, WA

Collector: Jerry Sawetz Date of Collection: 12/12/09/12/14/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-GX	NWTPH-DX	NWTPH-DX EXT	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 KCMW-2		1315	GW	only 1/2 full	X	X	X	X	X	X	X	X	12/12/09 4
2 KCMW-3		1430	GW		X	X	X	X	X	X	X	X	12/12/09 4
3 KBMW-9		1245	GW	↓	X	X	X	X	X	X	X	X	12/14/09 4
4 KBMW-10		1400	GW		X	X	X	X	X	X	X	X	12/14/09 4
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													

Relinquished by: [Signature] Date / Time: 12/14/09 3:30PM

Relinquished by: [Signature] Date / Time: 12/14/09 3:30PM

Relinquished by: [Signature] Date / Time: 12/14/09 3:30PM

Received by: [Signature] Date / Time: 12/14/09 3:30PM

Received by: [Signature] Date / Time: 12/14/09 3:30PM

Received by: [Signature] Date / Time: 12/14/09 3:30PM

Remarks: Filter lead samples at 196

TAT 24HR 48HR 5-Day

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Client: EPI

Address: 295 NE Gilman Blvd Issaquah, WA 98027

Phone: 425-355-0010 Fax: 425-355-0011

Client Project # 51201.7

Date: 12/13/09 Page: 11 of 1

Project Manager: Jeffrey Sawetz / Thom Manna

Project Name: Whitney Chevrolet

Location: Montesano, WA

Collector: Jeffrey Sawetz + Eric Cadden Date of Collection: 12/13/09

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HClD	NWTPH-GX	NWTPH-DX	NWTPH-DX EXL	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 KRMW-8		945	GW	250 mL VOA	X	X	X	X	X	X	X	X	J
2 KRMW-7		1011			X	X	X	X	X	X	X	X	J
3 WCMW-6		1115			X	X	X	X	X	X	X	X	J
4 WCMW-1		1147			X	X	X	X	X	X	X	X	J
5 WCMW-5		1240			X	X	X	X	X	X	X	X	J
6 FSMW-1		1313			X	X	X	X	X	X	X	X	J
7 WCMW-4		1320			X	X	X	X	X	X	X	X	J
8 KBMW-1		1430			X	X	X	X	X	X	X	X	J
9 KBMW-2		1520			X	X	X	X	X	X	X	X	J
10 FSMW-7		1413			X	X	X	X	X	X	X	X	J
11 KBMW-4		1525			X	X	X	X	X	X	X	X	J
12 KBMW-5		1615			X	X	X	X	X	X	X	X	J
13 KBMW-6		1630			X	X	X	X	X	X	X	X	J
14 KBMW-3					X	X	X	X	X	X	X	X	J
15 MWDUP-1					X	X	X	X	X	X	X	X	J
16 MWDUP-2					X	X	X	X	X	X	X	X	J
17													
18													

Relinquished by: [Signature] Date / Time: 12/13/09 17:23

Relinquished by: [Signature] Date / Time: 12/13/09 17:23

Relinquished by: [Signature] Date / Time: 12/14/09

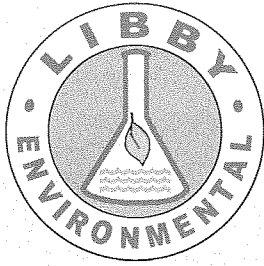
Received by: [Signature] Date / Time: 12/13/09 17:23

Received by: [Signature] Date / Time: 12/13/09 17:23

Received by: [Signature] Date / Time: 12/14/09

Remarks: Filter lead samples at lab.

TAT 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

January 25, 2010

Jerry Sawetz
Environmental Partners, Inc.
295 NE Gilman Boulevard
Suite 201
Issaquah, WA 98027

Dear Mr. Sawetz:

Please find enclosed the analytical data report for the Whitney's Chevrolet Project located in Montesano, Washington. Water samples were analyzed for Gasoline by NWTPH-Gx on January 19th and 20th and Volatile Organic Compounds by EPA Method 8260B on January 19, 2010.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is enclosed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
President
Libby Environmental, Inc.

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (ug/l)
Method Blank	1/19/10	88	nd
Method Blank	1/20/10	102	nd
TSSMW-8	1/19/10	84	125
TSSMW-8 Dup	1/19/10	100	106
TSSMW-7	1/19/10	98	107
TSSMW-5	1/19/10	104	nd
TSSMW-6	1/19/10	109	nd
TSSMW-2	1/20/10	100	92,100
TSSMW-9	1/19/10	123	1700
Practical Quantitation Limit			100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Deanna M. Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		Method Blank	TSSMW-8	TSSMW-7	TSSMW-5	TSSMW-6	TSSMW-2
Date Sampled	Reporting	N/A	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	1.4	2.3	nd	nd	22300
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd	nd	66700
<i>Trans</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	2.0	nd	4.4	nd
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	9.3	1.4	nd	nd	10700
Total Xylenes	2.0	nd	nd	17.0	nd	nd	47600
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

VOLATILE ORGANIC COMPOUNDS BY ENVIRONMENTAL							
Sample Description		Method Blank	TSSMW-8	TSSMW-7	TSSMW-5	TSSMW-6	TSSMW-2
Date Sampled	Reporting	N/A	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	nd	nd	nd	200
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	nd	nd	nd	957
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	nd	nd	nd	nd	2290
tert-Butylbenzene	1.0	nd	nd	nd	nd	nd	1070
1,2,4-Trimethylbenzene	1.0	nd	nd	7.0	nd	nd	7810
sec-Butylbenzene	1.0	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	nd	nd	nd	8.3
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	nd	nd	nd	42.2
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorolbenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	nd	nd	nd	99.0
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		85.6	86.6	82.5	81.5	83.6	92.6
1,2-Dichloroethane-d4		83.6	81.0	69.3	75.1	65.7	73.9
Toluene-d8		99.0	97.9	92.1	102	96.9	98.9
4-Bromofluorobenzene		120	113	102	90.0	87.3	94.1

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

QA/QC Data - EPA 8260B Analyses

Sample Identification: L100119-2							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	
1,1-Dichloroethene	10	8.8	88	10	9.9	99	11.8
Benzene	10	8.4	84	10	9.8	98	15.4
Toluene	10	8.1	81	10	11.5	115	34.7
Chlorobenzene	10	11.3	113	10	11.0	110	2.7
Trichloroethene (TCE)	10	9.4	94	10	10.7	107	12.9

Surrogate Recovery

Dibromofluoromethane	86.1	94.2
1,2-Dichloroethane-d4	73.3	90.3
Toluene-d8	97.3	95.2
4-Bromofluorobenzene	111	117

Laboratory Control Sample

	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	9.7	97
Benzene	10	9.3	93
Toluene	10	9.2	92
Chlorobenzene	10	10.0	100
Trichloroethene (TCE)	10	9.8	98

Surrogate Recovery

Dibromofluoromethane	89.6
1,2-Dichloroethane-d4	86.3
Toluene-d8	99.9
4-Bromofluorobenzene	112

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description	TSSMW-9	Method
		Blank
Date Sampled	Reporting	1/18/10
Date Analyzed	Limits	1/19/10
	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd
Chloromethane	2.0	nd
Vinyl chloride	0.2	nd
Bromomethane	2.0	nd
Chloroethane	2.0	nd
Trichlorofluoromethane	2.0	nd
1,1-Dichloroethene	2.0	nd
Methylene chloride	1.0	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd
1,1-Dichloroethane	1.0	nd
2,2-Dichloropropane	2.0	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd
Chloroform	1.0	nd
1,1,1-Trichloroethane (TCA)	1.0	nd
Carbon tetrachloride	1.0	nd
1,1-Dichloropropene	1.0	nd
Benzene	1.0	173
1,2-Dichloroethane (EDC)	1.0	nd
Trichloroethene (TCE)	1.0	nd
1,2-Dichloropropane	1.0	nd
Dibromomethane	1.0	nd
Bromodichloromethane	1.0	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd
Toluene	1.0	82
Trans-1,3-Dichloropropene	1.0	nd
1,1,2-Trichloroethane	1.0	nd
Tetrachloroethene (PCE)	1.0	nd
1,3-Dichloropropane	1.0	nd
Dibromochloromethane	1.0	nd
1,2-Dibromoethane (EDB) *	0.01	nd
Chlorobenzene	1.0	nd
1,1,1,2-Tetrachloroethane	1.0	nd
Ethylbenzene	1.0	97.5
Total Xylenes	2.0	1190
Styrenes	1.0	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT
Montesano, Washington
EPI
Client Project #51201.7
Libby Env.Project No.L100119-1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description	TSSMW-9	Method
		Blank
Date Sampled	Reporting 1/18/10	N/A
Date Analyzed	Limits 1/19/10	1/20/10
	(ug/l)	(ug/l)
Bromoform	1.0	nd
Isopropylbenzene	4.0	26.3
1,2,3-Trichloropropane	1.0	nd
Bromobenzene	1.0	nd
1,1,2,2-Tetrachloroethane	1.0	nd
n-Propylbenzene	1.0	48.9
2-Chlorotoluene	1.0	nd
4-Chlorotoluene	1.0	nd
1,3,5-Trimethylbenzene	1.0	57.1
tert-Butylbenzene	1.0	26.5
1,2,4-Trimethylbenzene	1.0	203
sec-Butylbenzene	1.0	6.1
1,3-Dichlorobenzene	1.0	nd
Isopropyltoluene	1.0	2.3
1,4-Dichlorobenzene	1.0	nd
1,2-Dichlorobenzene	1.0	nd
n-Butylbenzene	1.0	7.4
1,2-Dibromo-3-Chloropropane	1.0	nd
1,2,4-Trichlorobenzene	2.0	nd
Hexachloro-1,3-butadiene	5.0	nd
Naphthalenes	5.0	96.9
1,2,3-Trichlorobenzene	5.0	nd
Surrogate Recovery		
Dibromofluoromethane	92.1	89.0
1,2-Dichloroethane-d4	71.0	85.6
Toluene-d8	100	95.4
4-Bromofluorobenzene	118	106

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-1

QA/QC Data - EPA 8260B Analyses

Sample Identification: L100119-2							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	
1,1-Dichloroethene	10	10.3	103	10	9.6	96	7.0
Benzene	10	11.4	114	10	10.9	109	4.5
Toluene	10	11.3	113	10	13.0	130	14.0
Chlorobenzene	10	12.4	124	10	12.8	128	3.2
Trichloroethene (TCE)	10	10.7	107	10	11.0	110	2.8

Surrogate Recovery			
Dibromofluoromethane		91.5	90.4
1,2-Dichloroethane-d4		76.4	82.9
Toluene-d8		97.9	98.0
4-Bromofluorobenzene		104	111

Laboratory Control Sample			
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	10.6	106
Benzene	10	11.2	112
Toluene	10	11.4	114
Chlorobenzene	10	12.0	120
Trichloroethene (TCE)	10	11.4	114

Surrogate Recovery			
Dibromofluoromethane		91.8	
1,2-Dichloroethane-d4		86.1	
Toluene-d8		98.4	
4-Bromofluorobenzene		97.7	

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 1/18/10 Page: 1 of 1
Project Manager: Thom Maria/Jerry Sawetz
Project Name: Whitney Chevrolet
Location: Montesano, WA
Collector: Jerry Sawetz Eric Cadey Date of Collection: 1/18/10

Client: EPI
Address: 275 NE Gilman Blvd #201
Phone: 425-395-0010 Fax: 425-395-0011
Client Project # 51201.7

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	NWTPH-DX EXL	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note# Containers
1 TSS MW-8	NA	1430	GW	40 ml	X	X	X	X	X	X	X	X	X	X	3
2 TSS MW-7	↓	1430	GW	↓	X	X	X	X	X	X	X	X	X	X	3
3 TSS MW-5	↓	1554	GW	↓	X	X	X	X	X	X	X	X	X	X	3
4 TSS MW-6	↓	1605	GW	↓	X	X	X	X	X	X	X	X	X	X	3
5 TSS MW-2	↓	1720	GW	↓	X	X	X	X	X	X	X	X	X	X	3
6 TSS MW-9	↓	1735	GW	↓	X	X	X	X	X	X	X	X	X	X	3
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: [Signature] Date / Time: 1/19/10 12:15p

Relinquished by: [Signature] Date / Time: 1/19/10 12:15p

Relinquished by: [Signature] Date / Time: 1/19/10 12:15p

Received by: [Signature] Date / Time: 1/19/10 12:15p

Received by: [Signature] Date / Time: 1/19/10 12:15p

Received by: [Signature] Date / Time: 1/19/10 12:15p

Remarks: Stand alone report

Sample Receipt: [Signature]

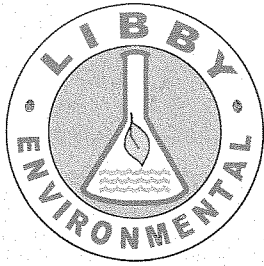
Good Condition? [Signature]

Cold? [Signature]

Seals Intact? [Signature]

Total Number of Containers: [Signature]

TAT: 24HR 48HR 5-Day



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

January 25, 2010

Jerry Sawetz
Environmental Partners, Inc.
295 NE Gilman Boulevard
Suite 201
Issaquah, WA 98027

Dear Mr. Sawetz:

Please find enclosed the analytical data report for the Whitney's Chevrolet Project located in Montesano, Washington. Water samples were analyzed for Gasoline by NWTPH-Gx and Volatile Organic Compounds by EPA Method 8260B on January 19th and 20th.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is enclosed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
President
Libby Environmental, Inc.

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY CHEVROLET PROJECT

Montesano, WA

EPI

Client Project #51201.7

Libby Project No.L100119-2

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (ug/l)
Method Blank	1/19/10	88	nd
Method Blank	1/20/10	102	nd
KBMW-10	1/19/10	80	nd
KBMW-9	1/20/10	91	24,900
KBMW-5	1/19/10	86	nd
KBMW-1	1/19/10	111	nd
KBMW-3	1/20/10	101	160
KBMW-6	1/19/10	87	nd
KBMW-2	1/20/10	105	27,500
ESMW-1	1/20/10	101	658
WCMW-6	1/19/10	79	nd
KBMW-8	1/20/10	104	223
KBMW-8 Dup	1/20/10	105	224
KBMW-7	1/20/10	104	1090
MWDUP-1	1/20/10	100	695
MWDUP-2	1/20/10	104	nd
ESMW-7	1/20/10	116	1990
WCMW-5	1/20/10	105	6890
KBMW-4	1/20/10	98	25,400
WCMW-1	1/20/10	102	5040
WCMW-4	1/20/10	93	16,900
WCMW-3	1/20/10	98	26,300
WCMW-2	1/20/10	110	41,400
NWDUP-3	1/20/10	116	4910
Practical Quantitation Limit			100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Deanna M. Donovan

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		Method	KBMW-10	KBMW-10	KBMW-5	KBMW-9	KBMW-1
		Blank		Dup			
Date Sampled	Reporting	N/A	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/19/10	1/19/10	1/20/10	1/19/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	nd	778	9.8
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd	6290	nd
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	4.2	5.3	nd	2.0	9.8
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	nd	nd	3760	nd
Total Xylenes	2.0	nd	nd	nd	nd	17000	nd
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		Method Blank	KBMW-10	KBMW-10 Dup	KBMW-5	KBMW-9	KBMW-1
Date Sampled	Reporting	N/A	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/19/10	1/19/10	1/20/10	1/19/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	nd	nd	nd	nd	84.0	nd
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	nd	nd	nd	nd	420	nd
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd	nd	nd	nd	857	nd
tert-Butylbenzene	1.0	nd	nd	nd	nd	411	nd
1,2,4-Trimethylbenzene	1.0	nd	nd	nd	nd	3040	nd
sec-Butylbenzene	1.0	nd	nd	nd	nd	24.5	5.6
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	nd	nd	11.9	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	nd	nd	39.7	nd
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	nd	nd	370	nd
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		85.6	86.5	86.9	81.6	94.4	82.5
1,2-Dichloroethane-d4		83.6	73.6	67.6	81.6	123	82.3
Toluene-d8		99.0	101	100	99.2	107	94.6
4-Bromofluorobenzene		120	112	90.8	112	76.1	123

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

QA/QC Data - EPA 8260B Analyses

Sample Identification: KBMW-6						
	Matrix Spike			Matrix Spike Duplicate		RPD
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	8.8	88	10	9.9	99
Benzene	10	8.4	84	10	9.8	98
Toluene	10	8.1	81	10	11.5	115
Chlorobenzene	10	11.3	113	10	11.0	110
Trichloroethene (TCE)	10	9.4	94	10	10.7	107
Surrogate Recovery						
Dibromofluoromethane			86.1			94.2
1,2-Dichloroethane-d4			73.3			90.3
Toluene-d8			97.3			95.2
4-Bromofluorobenzene			111			117
Laboratory Control Sample						
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)			
1,1-Dichloroethene	10	9.7	97			
Benzene	10	9.3	93			
Toluene	10	9.2	92			
Chlorobenzene	10	10.0	100			
Trichloroethene (TCE)	10	9.8	98			
Surrogate Recovery						
Dibromofluoromethane			89.6			
1,2-Dichloroethane-d4			86.3			
Toluene-d8			99.9			
4-Bromofluorobenzene			112			

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-3	KBMW-6	KBMW-2	ESMW-1	WCMW-6	KBMW-8
Date Sampled	Reporting	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/20/10	1/20/10	1/19/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	10.9	nd	709	10.9	nd	21.8
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	9.1	nd	8310	10.2	nd	48.4
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	nd	3.5	3.9
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	2200	3.5	nd	19.5
Total Xylenes	2.0	4.2	nd	10300	32.2	nd	76.2
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-3	KBMW-6	KBMW-2	ESMW-1	WCMW-6	KBMW-8
Date Sampled	Reporting	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10	1/18/10
Date Analyzed	Limits	1/19/10	1/19/10	1/20/10	1/20/10	1/19/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	4.6	nd	66.7	13.4	nd	6.0
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	1.4	nd	323	22.1	nd	11.1
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	1.8	nd	805	15.3	nd	16.4
tert-Butylbenzene	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	5.4	nd	2520	150	nd	46.4
sec-Butylbenzene	1.0	1.3	nd	19.6	5.8	nd	2.0
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd	nd	16.9	6.4	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd	nd	49.4	4.0	nd	2.9
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	5.3	nd	282	28.2	nd	38.7
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		87.7	87.9	91.7	86.0	91.1	88.7
1,2-Dichloroethane-d4		75.1	70.5	68.2	78.5	75.3	74.7
Toluene-d8		99.4	99.7	110	99.0	102	99.0
4-Bromofluorobenzene		118	103	70.7	84.8	92.8	106

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-7	MW DUP-1	MWDUP-2	ESMW-7	ESMW-7 Dup	WCMW-5
Date Sampled	Reporting	1/18/10	1/18/10	1/18/10	1/19/10	1/19/10	1/19/10
Date Analyzed	Limits	1/19/10	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	1.3	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	8.5	10.9	nd	127	131	593
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	13	10.4	nd	39.5	37.3	1290
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	6.8	nd	4.0	nd	nd	14.4
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	146	3.2	nd	292	203	1070
Total Xylenes	2.0	352	29.5	nd	649	712	4960
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-7	MW DUP-1	MWDUP-2	ESMW-7	ESMW-7 Dup	WCMW-5
Date Sampled	Reporting	1/18/10	1/18/10	1/18/10	1/19/10	1/19/10	1/19/10
Date Analyzed	Limits	1/19/10	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	27.2	13.8	nd	12.4	5.9	44.7
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	63.1	24.1	nd	22.0	6.5	17.8
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	70.0	14.4	nd	40.2	36.8	428
tert-Butylbenzene	1.0	nd	20.6	nd	nd	nd	165
1,2,4-Trimethylbenzene	1.0	195	154	nd	173	165	1240
sec-Butylbenzene	1.0	5.4	7.6	nd	nd	nd	892
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	3.6	nd	nd	1.8	nd	9.9
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	9.8	4.5	nd	nd	nd	19.1
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	39.5	29.1	nd	32.1	28.1	174
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		87.2	83.8	92.5	88.8	94.0	87.3
1,2-Dichloroethane-d4		76.9	74.6	93.4	79.0	76.7	67.9
Toluene-d8		98.3	101	96.9	94.5	104	107
4-Bromofluorobenzene		89.1	84.1	94.4	119	128	82.8

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-4	WCMW-1	WCMW-4	WCMW-3	WCMW-2	MWDUP-3
Date Sampled	Reporting	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10
Date Analyzed	Limits	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	2.0	nd	nd	nd	nd	nd	nd
Chloromethane	2.0	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
Bromomethane	2.0	nd	nd	nd	nd	nd	nd
Chloroethane	2.0	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	2.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd	nd	nd	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	565	98.3	167	2370	2490	117
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd	nd	nd	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	1140	125	3330	11000	14700	98.5
Trans-1,3-Dichloropropene	1.0	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	34.1	27.5	25.5	41.9	35.0
1,3-Dichloropropane	1.0	nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	1800	134	1660	4710	6490	120
Total Xylenes	2.0	6300	900	8150	23400	29500	1330
Styrenes	1.0	nd	nd	nd	nd	nd	nd

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B IN WATER

Sample Description		KBMW-4	WCMW-1	WCMW-4	WCMW-3	WCMW-2	MWDUP-3
Date Sampled	Reporting	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10	1/19/10
Date Analyzed	Limits	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10	1/20/10
	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Bromoform	1.0	nd	nd	nd	nd	nd	nd
Isopropylbenzene	4.0	60	8.9	55.7	144	186	9.1
1,2,3-Trichloropropane	1.0	nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd	nd	nd	nd	nd	nd
n-Propylbenzene	1.0	251	7.3	201	489	606	9.1
2-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	575	208	408	1090	1240	211
tert-Butylbenzene	1.0	204	nd	nd	477	663	nd
1,2,4-Trimethylbenzene	1.0	1760	209	1530	3510	4910	240
sec-Butylbenzene	1.0	14.2	nd	16.4	33.3	32.1	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	16.7	5.9	9.4	26.7	20.4	7.2
1,4-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	30.1	10.9	26.3	64.7	62.2	19.0
1,2-Dibromo-3-Chloropropane	1.0	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	2.0	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	5.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	200	70.5	324	554	340	87.7
1,2,3-Trichlorobenzene	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		89.6	88.0	88.4	93.7	130	91.3
1,2-Dichloroethane-d4		73.4	70.0	87.5	89.5	127	70.1
Toluene-d8		102	104	105	103	84.9	98.5
4-Bromofluorobenzene		70.1	80.9	80.1	97.1	111	85.6

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

LIBBY ENVIRONMENTAL CHEMISTRY LABORATORY

WHITNEY'S CHEVROLET PROJECT

Montesano, Washington

EPI

Client Project #51201.7

Libby Env.Project No.L100119-2

QA/QC Data - EPA 8260B Analyses

Sample Identification: MWDUP-2							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)	
1,1-Dichloroethene	10	10.3	103	10	9.6	96	7.0
Benzene	10	11.4	114	10	10.9	109	4.5
Toluene	10	11.3	113	10	13.0	130	14.0
Chlorobenzene	10	12.4	124	10	12.8	128	3.2
Trichloroethene (TCE)	10	10.7	107	10	11.0	110	2.8

Surrogate Recovery

Dibromofluoromethane	91.5	90.4
1,2-Dichloroethane-d4	76.4	82.9
Toluene-d8	97.9	98.0
4-Bromofluorobenzene	104	111

Laboratory Control Sample

	Spiked Conc. (ug/l)	Measured Conc. (ug/l)	Spike Recovery (%)
1,1-Dichloroethene	10	10.6	106
Benzene	10	11.2	112
Toluene	10	11.4	114
Chlorobenzene	10	12.0	120
Trichloroethene (TCE)	10	11.4	114

Surrogate Recovery

Dibromofluoromethane	91.8
1,2-Dichloroethane-d4	86.1
Toluene-d8	98.4
4-Bromofluorobenzene	97.7

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 1/18/10 Page: 1 of 1
Project Manager: Thom Maria / Jerry Sawetz
Project Name: Whitney Chevrolet
Location: Montesano, WA
Collector: Jerry Sawetz + Eric Cadden Date of Collection: 1/18/10

Client: EPI
Address: 295 NE Gilman Blvd #201 Issaquah
Phone: 425-395-0010 Fax: 425-395-0011
Client Project # 51201.7

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX only	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCBS 8082	MTCA 5 Metals	Field Note/# Containers
1 KBMW-10	NA	1816	GW	40ml	X	X	X	X	X	X	X	X	1/18/10
2 KBMW-9		1820			X	X	X	X	X	X	X		
3 KBMW-5		1958			X	X	X	X	X	X	X		
4 KBMW-1		2045			X	X	X	X	X	X	X		
5 KBMW-3		2000			X	X	X	X	X	X	X		
6 KBMW-6		2100			X	X	X	X	X	X	X		
7 KBMW-2		2120			X	X	X	X	X	X	X		
8 ESMW-1		1020			X	X	X	X	X	X	X		
9 WCMW-6		1035			X	X	X	X	X	X	X		
10 KBMW-8		1135			X	X	X	X	X	X	X		
11 KBMW-7		1135			X	X	X	X	X	X	X		
12 MW-DUP-1					X	X	X	X	X	X	X		
13 MW-DUP-2					X	X	X	X	X	X	X		
14													
15													
16													
17													
18													

Relinquished by: [Signature] Date / Time: 1/19/10 12:15p

Relinquished by: [Signature] Date / Time: 1/19/10 12:15p

Relinquished by: _____ Date / Time: _____

Received by: [Signature] Date / Time: 1/19/10 12:15

Received by: [Signature] Date / Time: 1/19/10 12:15

Received by: _____ Date / Time: _____

Remarks: _____

Sample Receipt: _____

Good Condition? _____

Cold? _____

Seals Intact? _____

Total Number of Containers _____

TAT 24HR 48HR 5-Day 48HR

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

Date: 1/19/10 Page: 1 of 1

Client: EPT Project Manager: Thom Morin / Jerry Sawetz

Address: 295 NE Gilman Blvd #201 Issaquah Project Name: Whitney Chevrolet

Phone: 425-355-0010 Fax: 425-355-0011 Location: Montesano, WA

Client Project # 5120117 Collector: Jim Sawetz + Eric Cadey Date of Collection: 1/19/10

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B VOA 8021B BTEX Only	VOA 8021B VOA 8021B BTEX Only	SEM VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	NWTPH-DX EX	PAH 8270	PCBS 8082	MTC 5 Metals	Field Note# Containers
1 FSMW-7		1250	GW	40AL	X	X	X	X	X	X	X	X	X	X	1/19/10
2 WCMW-5		1305			X	X	X	X	X	X	X	X	X	X	
3 KRMW-4		1350			X	X	X	X	X	X	X	X	X	X	
4 WCMW-1		1420			X	X	X	X	X	X	X	X	X	X	
5 WCMW-4		1440			X	X	X	X	X	X	X	X	X	X	
6 WCMW-3		1534			X	X	X	X	X	X	X	X	X	X	
7 WCMW-2		1546			X	X	X	X	X	X	X	X	X	X	
8 Dup-3															Added to CDC 1/19/10 5:30pm HCL
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: Jim Sawetz Date / Time: 1/19/10 1700

Relinquished by: Jim Sawetz Date / Time: 1/19/10 1700

Relinquished by: Jim Sawetz Date / Time: 1/19/10 1700

Received by: Jim Sawetz Date / Time: 1/19/10 1700

Received by: Jim Sawetz Date / Time: 1/19/10 1700

Received by: Jim Sawetz Date / Time: 1/19/10 1700

Remarks:

Sample Receipt:

Good Condition?

Cold?

Seals Intact?

Total Number of Containers

TAT 24HR 48HR 5-Day