



CLEANUP ACTION REPORT

**FORMER SHELL-BRANDED WHOLESALE FACILITY
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON**

SAP CODE	120649
INCIDENT NO.	97811916
ECOLOGY F/S NO.	34987922

Prepared For:
Shell Oil Products US
20945 S. Wilmington Ave
Carson, CA 90810

JUNE 29, 2011
REF. NO. 060613 (3)
This report is printed on recycled paper.

Prepared by:
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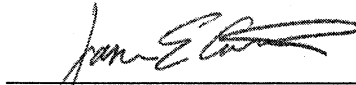
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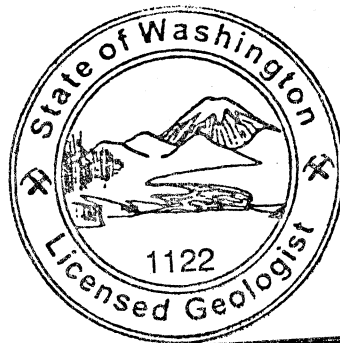
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1.0 INTRODUCTION

1.1 SITE INFORMATION

<i>Site Name:</i>	Former Shell-Branded Wholesale Facility
<i>Site Address:</i>	14210 SE Petrovitsky Road, Renton, WA
<i>Voluntary Cleanup Program Number:</i>	Not Active
<i>Project Consultant:</i>	Conestoga-Rovers & Associates
<i>Project Consultant Contact Information:</i>	Jason Cornetta 1117 Tacoma Avenue South Tacoma, Washington 98402 Office - 253-573-1218 Direct - 253-682-2070
<i>Current Owner/Operator:</i>	Terramar Retail Centers LLC

1.2 PURPOSE

Conestoga-Rovers & Associates (CRA) prepared this Cleanup Action (CA) Report on behalf of Equilon Enterprises LLC (Equilon) dba Shell Oil Products US (SOPUS) for the Former Shell-branded Wholesale Facility located on the northeast corner of Southeast Petrovitsky Road and Southeast 176th Street with the address of 14210 Southeast Petrovitsky Road, Renton, King County, Washington (Property; Site; Figure 1).

This CA report was prepared to demonstrate the requirements under Washington Administrative Code (WAC) 173-340 have been met for a No Further Action (NFA) determination based on Site conditions and all environmental investigation findings associated with the petroleum release at the Site. The previous environmental activities described in this report are a summary of historical investigations and documents prepared by CRA and previous consultants. A list of historical documents associated with this release is included in this report as Section 8.0.

1.3 SITE DISCOVERY AND REGULATORY STATUS

In 1992, Environmental Science & Engineering, Inc (ESE) oversaw the decommissioning and removal of three 8,000-gallon gasoline underground storage tanks (USTs), one 10,000-gallon diesel UST, one 550-gallon waste oil UST, and one 550-gallon fuel oil UST at the Site for Texaco Refining and Marketing, Inc. (TRMI). Analytical results indicated

the presence of total petroleum hydrocarbons (TPH) as gasoline (TPHg) and benzene, toluene, ethylbenzene and total xylenes (BTEX) in soil in the vicinity of the former fuel UST system at concentrations greater than the Washington State Department of Ecology's (Ecology) Model Toxics Control Act (MTCA) Method A cleanup levels. No specific equipment failure was identified at the time of the release discovery.

A petroleum release impacting soil was reported to Ecology in July 1992. The Site was entered into Ecology's leaking underground storage tank (LUST) program. The Property is currently not in Ecology's Voluntary Cleanup Program (VCP) and the status of the Site is "Reported Cleaned Up". A VCP application will be submitted along with this report.

MTCA Method A cleanup levels for soil and groundwater will be used as screening levels for purposes of discussion of investigation results. Cleanup standards are more fully developed and discussed in Section 5.

1.4 SITE DESCRIPTION AND BACKGROUND

The MTCA site (Site) is defined as all affected areas from the petroleum release associated with the Property and potentially impacted adjacent parcels. The Site boundary is presented on Figure 2.

The Property is a former Shell-branded wholesale facility located on the northeast corner of Southeast Petrovitsky Road and Southeast 176th Street with the address of 14210 Southeast Petrovitsky Road, Renton, King County, Washington (Figure 1). The facility was decommissioned in 2010 and is currently unoccupied. The Property was transferred from TRMI to Equilon in June 1998. In September 2009, Equilon sold the property to Terramar Retail Centers LLC. Appendix A contains a legal description of the property and list of past and present Property owners and operators.

The Property is located at approximately 500 feet above mean sea level (msl) in the north-south trending Lake Washington/Cedar River drainage basin. The local topography is relatively flat at the Property. Regionally, the topography is primarily comprised of gently rolling hills, with elevations increasing towards the Cascade Mountains to the east and decreasing towards Puget Sound to the west.

Surface cover at the Property is primarily asphalt and concrete pavement. Catch basins are present in the northeast portion of the Property and along the southwest and southeast Property boundaries.

The Property and adjacent properties are located within a mixed use area, zoned as commercial and residential properties. The nearest residential area is located approximately 120 feet south of the Property. The Property is bounded by Southeast Petrovitsky Road to the south, with commercial businesses and residential areas beyond, Southeast 176th Street to the east, with commercial businesses beyond, commercial properties to the north, with Southeast 171st Way and residential areas beyond, and commercial properties to the west, with 140st Avenue Southeast and residential areas beyond.

The Property is located in the Puget Sound Lowlands, and based on previous site activities, geology at the site consists of approximately 7 feet of unconsolidated sediments underlain by weathered and unweathered glacial till consisting of dense silts, sands and gravels of low permeability. Groundwater is present at the site at depths of approximately 70 to 80 feet below ground surface (bgs). The nearest surface water body is Lake Youngs located approximately 1.25 miles southeast of the Property. No other surface water is present within 1 mile of the Property. There is less than 1.5 acres of contiguous undeveloped land within 500 feet of the Property.

The Property ceased operation as a retail service station facility in 2010 and the facility UST systems were removed in July 2010. Prior to the decommissioning, facilities included a station building (still present), two dispenser islands beneath one canopy (the canopy is still present), one 12,000-gallon and two 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, product conveyance piping, one 550-gallon heating oil UST, and one 550-gallon waste oil UST (Figure 2). All USTs and product distribution lines were reportedly constructed of double-walled fiberglass.

In July 2010, Delta Consultants (Delta) oversaw the decommissioning and removal of one 12,000-gallon gasoline UST, two 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, one 550-gallon waste oil UST, one 1,000-gallon heating oil UST, the dispenser islands, and two below-grade hoists at the Site. The USTs were observed to be in good condition with no visible signs of holes or leakage. The USTs were removed from the same location as the first generation USTs removed in 1992. Analytical results indicated the presence of a benzene concentration above the MTCA Method A screening level in soil sample U2B-17 from the bottom of the gasoline and diesel UST excavation at a depth of 17 feet bgs. TPH as oil (TPHo) was detected at concentrations above the MTCA Method A screening level in soil sample H1-7 from the western below-grade hoist location at a depth of 7 feet bgs. No other analytes were detected at concentrations above the MTCA Method A screening levels for samples collected from the gasoline, diesel, waste oil, or heating oil USTs, dispenser islands, or the below-grade hoists.

A complete summary of environmental work conducted to date is included as Appendix B. Historical soil boring logs are included as Appendix C. Figure 3 presents the locations of all soil samples collected during the investigation activities conducted at the Site including the locations of the Site monitoring wells. A summary of all soil and groundwater sampling analytical results are presented in Tables 1 and 2, respectively.

2.0 REMDIAL EXCAVATION - FORMER BELOW-GRADE HOIST AREA

Limited residual soil impacts were present at 7 feet bgs based on the July 2010 soil confirmation sampling conducted in association with the removal of the western below-grade hoist. In preparation of this CA report, CRA conducted remedial excavation activities in the vicinity of the impacted soil associated with the hoist.

On May 10, 2011, Clearcreek Contractors, under the supervision of CRA, conducted a remedial excavation in the vicinity of the former western below-grade hoist to remove any remaining impacted soil exceeding MTCA Method A screening levels. Confirmation soil samples were collected at approximately 6 feet bgs on the four sidewalls (soil samples B-6, C-6, D-6, and E-6) and from approximately 10 feet bgs on the bottom (soil sample F-10) of the final excavation. Additionally, one soil sample (soil sample A-8) was collected from 8 feet bgs (approximately 1 foot directly below soil sample H1-7) to be used to calculate Site-specific TPH cleanup levels if it was determined to be necessary. The dimensions of the final excavation were approximately 8 feet wide by 15 feet long by 10 feet deep. All analytical concentrations for the confirmatory soil samples from the final excavation as well as from the over-excavated soil sample A-8 were less than MTCA Method A screening levels indicating that the area of impacted soil was limited in size and had been removed. Approximately 6 cubic yards of soil were excavated and removed from the Site for proper disposal. The excavation extent and the soil sample locations are depicted on Figure 3. Soil analytical results are included in Table 1. Laboratory analytical reports are included in Appendix D.

Upon completion of confirmation sampling, the excavation was backfilled with clean fill material and compacted in lifts to surface grade. The compaction report is included as Appendix E.

3.0 CONTAMINANT OCCURRENCE

A total of nine soil borings have been advanced, three monitoring wells have been installed, and a total of 59 soil excavation confirmatory samples have been collected and analyzed from three remedial excavations conducted at the Site.

Figure 3 presents the locations of all soil samples collected at the Site. Table 1 presents the date of collection, sample depths, and analytical results for all soil samples. Based on the environmental activities conducted at the Site, no soil remains at the Site exceeding MTCA Method A screening levels associated with the former facility operations with the exception of the benzene concentration in the excavation confirmatory sample location UB2-17 collected at 17 feet bgs from the bottom of the gasoline and diesel UST excavation. The sample UB2-17 only slightly exceeded the benzene screening level and it is anticipated that further vertical migration of the impact in this area was extremely minimal. The extent of petroleum contaminated soil has been defined both laterally and vertically.

Based on the depth to groundwater of greater than 70 feet bgs, the limited soil impact associated with the release at the Site, and the results of groundwater monitoring conducted from 2003 to 2009, groundwater quality has not been affected at the Site.

4.0 SITE CONCEPTUAL MODEL

Petroleum was released into soil beneath the former gasoline UST system and western below-grade hoist sometime prior to 1992. Subsurface soils beneath the Site consist of approximately 7 feet of unconsolidated sediments underlain by weathered and unweathered glacial till consisting of dense silts, sands and gravels of low permeability. Groundwater is present at the site at depths of approximately 70 to 80 feet bgs. Due to the limited petroleum release, the low permeability of the till beneath the Site, the vertical separation (greater than 50 feet) between impacted soil and groundwater, and the asphalt/concrete surface cover limiting surface water infiltration, petroleum hydrocarbons have not migrated vertically to groundwater and therefore have not adversely impacted groundwater quality.

Historically, impacted soil was detected between 14 and 17 feet bgs at the former fuel UST area and between 7 and 8 feet bgs at the former western below-grade hoist location. UST decommissioning activities and over-excavation of the fuel USTs and the hoist have removed the essentially all of the impacted soil.

Groundwater is present at approximately 70 to 80 feet beneath the Site and has been monitored from 2003 to 2009 with no analytical results exceeding MTCA Method A screening levels for petroleum constituents. The nearest surface water body is Lake Youngs located approximately 1.25 miles southeast of the Property. There is less than 1.5 acres of contiguous undeveloped land within 500 feet of the Property. A terrestrial ecological evaluation (TEE) exclusion form is included as Appendix F.

Based on current soil and groundwater quality at the Site and current and future use of the Property, soil vapor concentrations of petroleum hydrocarbon compounds are not likely to be a potential risk to human health. It is anticipated that the commercial use of the Property will continue in the future.

5.0 CLEANUP STANDARDS - SOIL AND GROUNDWATER

5.1 GROUNDWATER CLEANUP LEVELS

Groundwater beneath the Site is not currently used for drinking water purposes, and there are no drinking water supply wells located within ¼ mile of the Site. Based on the potential future use of Site groundwater as a drinking water source, MTCA Method A cleanup levels for COCs in groundwater at the Site will be used. The point of compliance for this Site is defined as the point at which the groundwater cleanup level must be attained; thus, the point of compliance is the entire Site. Groundwater cleanup levels for Site COCs are presented in Table 2.

5.2 SOIL CLEANUP LEVELS

Based on the results of groundwater monitoring conducted at the Site, an empirical demonstration can be made to show that remaining soil concentrations at the Site are not causing concentrations of petroleum constituents in groundwater to exceed the MTCA Method A groundwater cleanup levels. Concentrations indicating possible separate phase hydrocarbons have never been observed at this Site and, therefore, cleanup levels for soil will not be driven by residual saturation concentrations. Soil cleanup levels are based on protection of the direct contact pathway. The point of compliance for this Site is all soil throughout the Site from the ground surface to a maximum depth of 15 feet bgs.

The Site-specific cleanup levels for petroleum constituents in soil are presented in Table 1. The MTCA Method B cleanup levels were developed for soil protective of the

direct contact pathway using standard Cleanup Level and Risk Calculations (CLARC) values. Since there is no Site-specific EPH/VPH data for development of Site-specific TPH cleanup levels, MTCA Method A cleanup levels will be used for TPHg, TPHd, and TPHo.

6.0 AREAS REQUIRING FUTURE MANAGEMENT

6.1 CONSTITUENTS OF CONCERN

Potential constituents of concern (COCs) based on current and past use of the Property include the compounds listed in MTCA 173-340-900 Table 830-1 "Required Testing for Petroleum Releases". Based on the evaluation of the data collected at the Site, no COCs remain at the Site above the established Site-specific cleanup levels.

6.2 SOIL - VERTICAL AND LATERAL

No soil samples exceeded Site-specific cleanup levels for any analyte. No future soil management is necessary.

6.3 GROUNDWATER - VERTICAL AND LATERAL

Groundwater has never been impacted beneath the Site. Therefore, no future management is necessary.

6.4 SEDIMENT

No areas of impacted sediment exist at the Site nor require any future management.

6.5 SURFACE WATER

Based distance to the nearest surface water body, surface water quality has not been adversely impacted by this release.

6.6 SOIL VAPOR/AIR

Based on concentrations of petroleum compounds in soil and groundwater, future management of soil vapor impact is not required.

7.0 REQUEST FOR NO FURTHER ACTION

All historical soil concentrations are protective of groundwater and the direct contact pathway. Groundwater has not been impacted by the release. The Site meets the criteria required for exclusion from further TEE, confirming that the Site is protective of the terrestrial environment. Based on the information contained in this CA report, CRA requests a No Further Action determination for the Site.

8.0 REFERENCES

Environmental Science and Engineering, Inc. (ESE), *Results of a Tank Decommissioning Program*, December 23, 1992.

ESE, *Results of Soil Remediation Activities*, September 28, 1993.

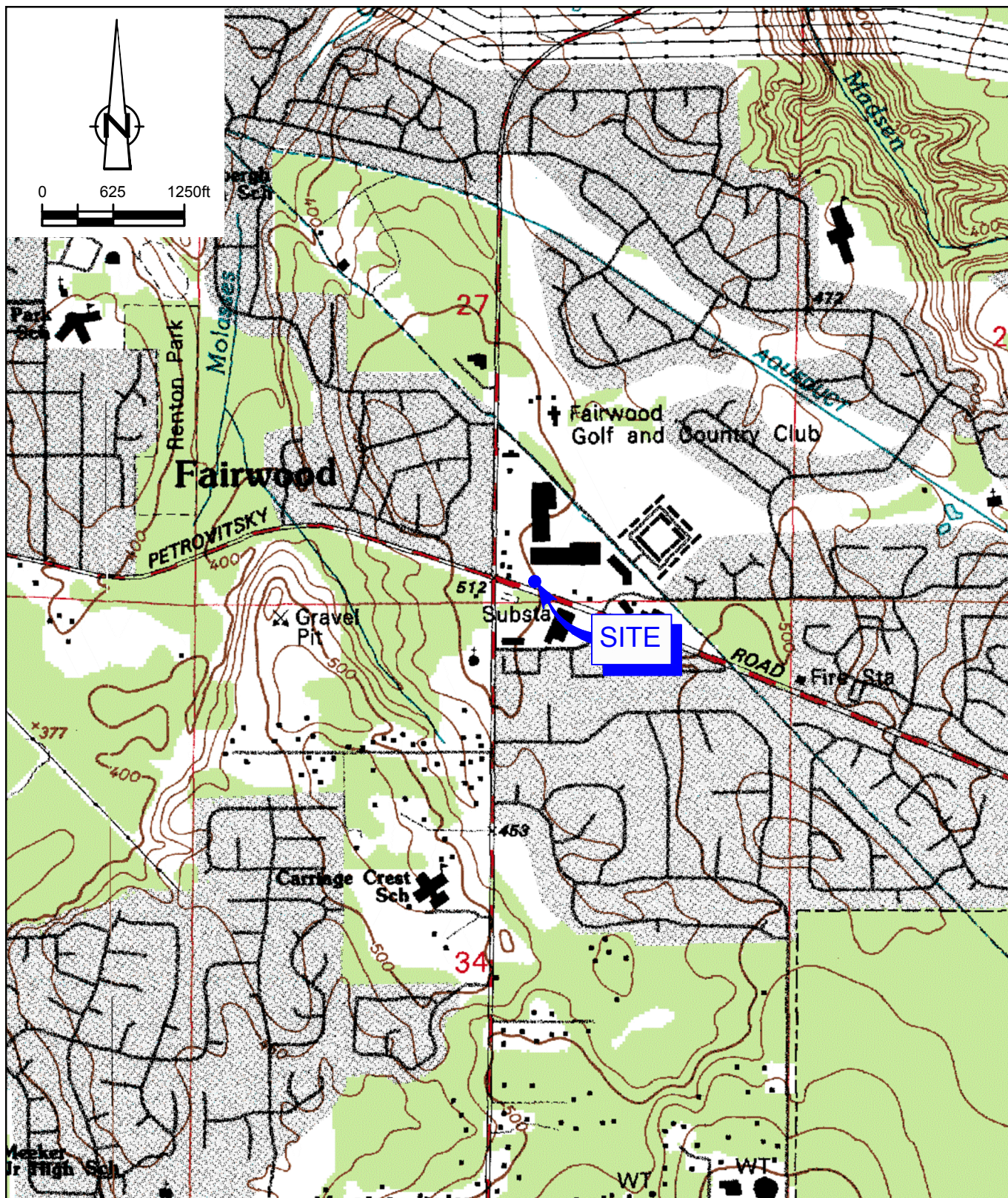
ESE, *Results of Limited Site Assessment Following UST Replacement Program*, March 4, 1994.

KHM Environmental Management, Inc., *GRASP Site Assessment Report*, April 24, 2003.

URS Corporation, *Phase II Environmental Site Assessment*, July 11, 2008.

Delta Consultants, *Underground Storage Tank Removal Report*, October 18, 2010.

FIGURES

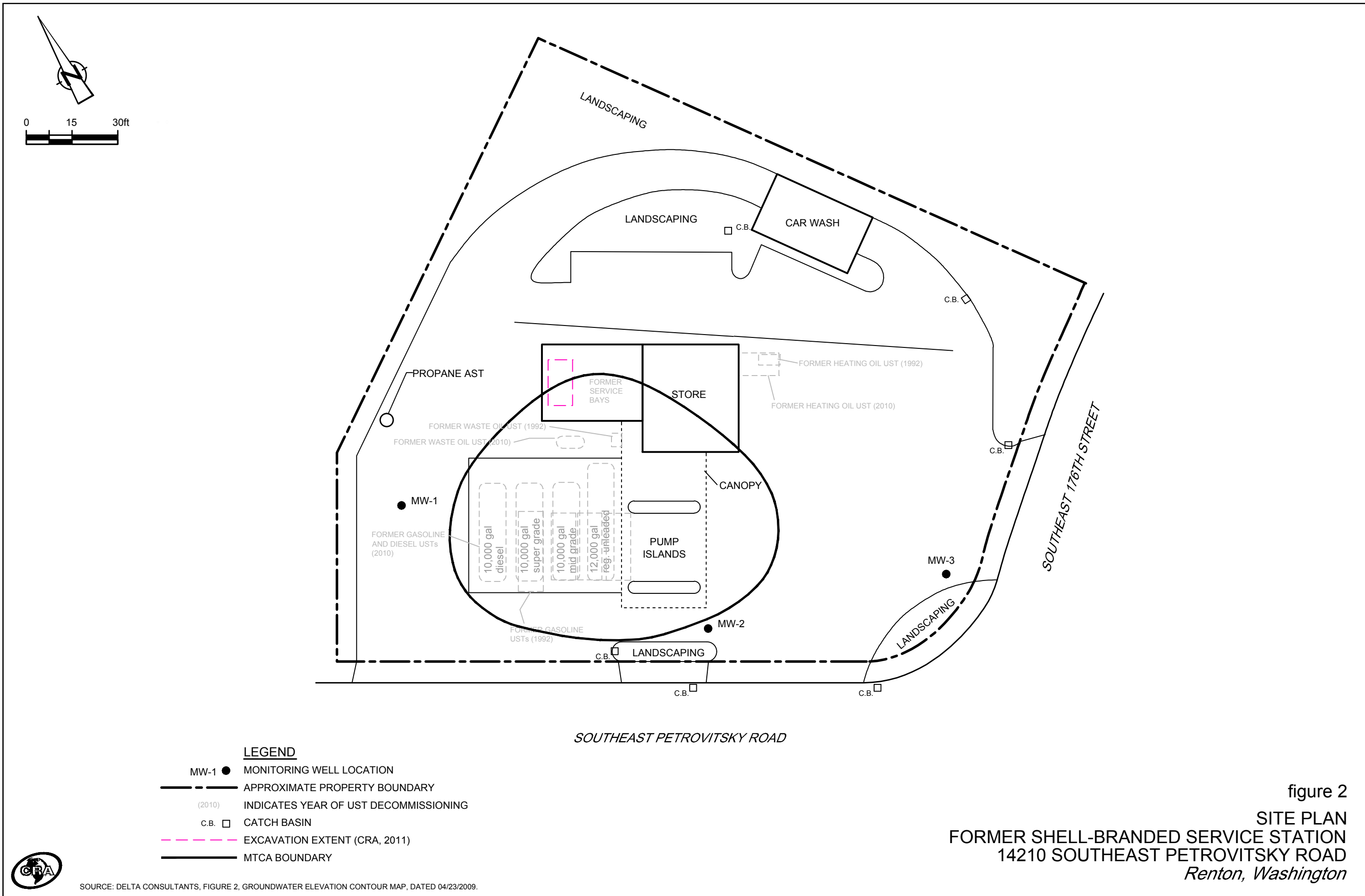


SOURCE: USGS QUADRANGLE MAP: RENTON, WA.

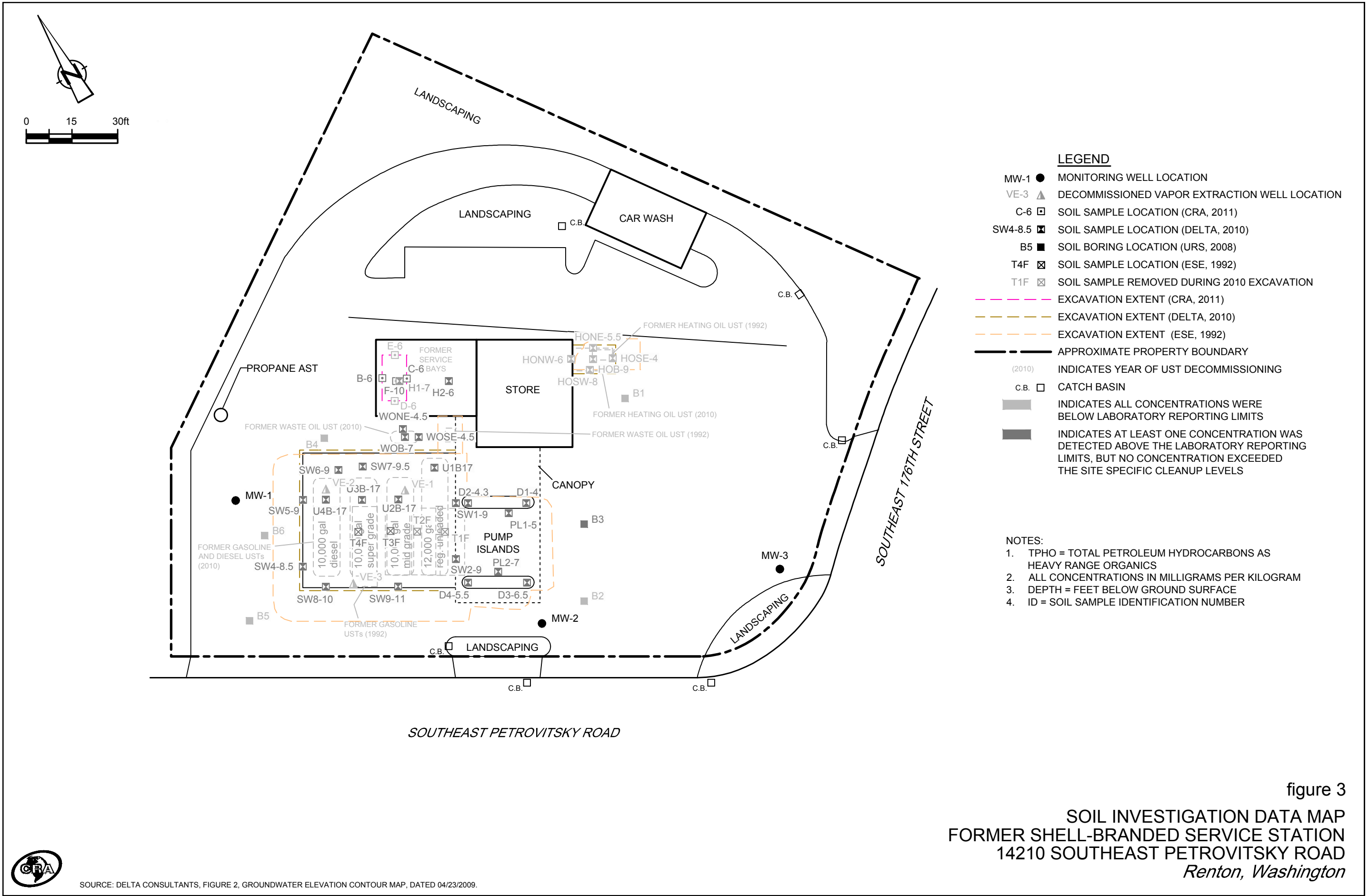
figure 1

VICINITY MAP
FORMER SHELL-BRANDED SERVICE STATION
14210 SOUTHEAST PETROVITSKY ROAD
Renton, Washington





SOURCE: DELTA CONSULTANTS, FIGURE 2, GROUNDWATER ELEVATION CONTOUR MAP, DATED 04/23/2009.



SOURCE: DELTA CONSULTANTS, FIGURE 2, GROUNDWATER ELEVATION CONTOUR MAP, DATED 04/23/2009.

TABLES

TABLE 1

SUMMARY OF HISTORICAL SOIL ANALYTICAL RESULTS
FORMER SHELL-BRANDED SERVICE STATION
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON

Sample ID	Consultant	Sample Date	Sample Depth	HYDROCARBONS				PRIMARY VOCs						OXYGENATES						LEAD
				TPH 418.1	TPHg	TPHd	TPHo	B	T	E	X	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Total	
				MTCA Method A Cleanup Level	NE	30/100	2000	2000	0.03	7	6	9	0.005	NE	0.1	NE	NE	NE	NE	250
				Site-specific Cleanup Level	NE	NE	NE	NE	18	6,400	8,000	16,000	NE	NE	NE	NE	NE	NE	NE	NE
			ft	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
WOF @ 8' *	ESE 1992	9/22/1992	8	<22	--	--	--	<0.027	<0.027	<0.027	<0.027	<0.027 a	<0.011	--	--	--	--	--	--	
WOWW @ 6'	ESE 1992	9/22/1992	6	<21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
WONW @ 6'	ESE 1992	9/22/1992	6	<21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
FOF @ 9'	ESE 1992	9/24/1992	9	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
FOEW @ 7'	ESE 1992	9/24/1992	7	--	<6 c	<50 b	<100 b	<0.028	<0.028	<0.028	<0.028	--	--	--	--	--	--	--	--	
FONW @ 7'	ESE 1992	9/24/1992	7	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T1F @ 14'	ESE 1992	9/25/1992	14	--	1,400	96	<100 b	0.074	7.9	5.5	65	--	--	--	--	--	--	--	1.8	
T2F @ 14'	ESE 1992	9/25/1992	14	--	7,300	440	<100 b	1.0	120	59	560	--	--	--	--	--	--	--	1.4	
T3F @ 14'	ESE 1992	9/25/1992	14	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T4F @ 14'	ESE 1992	9/25/1992	14	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T3F @ 16'	ESE 1992	9/25/1992	16	320	<20 b	<27	--	--	--	--	--	--	--	--	--	--	--	--	--	
T4F @ 17'	ESE 1992	9/25/1992	17	260	<20 b	<50 b	--	--	--	--	--	--	--	--	--	--	--	--	--	
T2SW @ 11'	ESE 1992	9/25/1992	11	--	8.3	<50 b	<100 b	<0.025	0.090	<0.025	0.056	--	--	--	--	--	--	--	1.2	
T2NW @ 12'	ESE 1992	9/25/1992	12	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T4NW @ 12'	ESE 1992	9/25/1992	12	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T4SW @ 13'	ESE 1992	9/25/1992	13	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T4WW @ 12'	ESE 1992	9/25/1992	12	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
T1EW @ 10'	ESE 1992	9/25/1992	10	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
SDNW @ 2'	ESE 1992	9/30/1992	2	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
FOEW-2 @ 7'	ESE 1992	9/30/1992	7	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
SDDF @ 3'	ESE 1992	9/30/1992	3	--	<20 b	28	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
SDF @ 9'	ESE 1992	9/30/1992	9	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
SDSW @ 4'	ESE 1992	9/30/1992	4	--	<20 b	<50 b	<100 b	--	--	--	--	--	--	--	--	--	--	--	--	
NDF @ 7'	ESE 1992	9/30/1992	7	--	66	<27	<100 b	<0.027	<0.027	<0.027	0.21	--	--	--	--	--	--	--	2.5	
VE-1 @ 15'	ESE 1994	9/15/1993	15	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-1 @ 20'	ESE 1994	9/15/1993	20	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-1 @ 50'	ESE 1994	9/15/1993	50	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-2 @ 15'	ESE 1994	9/15/1993	15	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-2 @ 20'	ESE 1994	9/15/1993	20	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-3 @ 15'	ESE 1994	9/16/1993	15	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-3 @ 20'	ESE 1994	9/16/1993	20	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-3 @ 30'	ESE 1994	9/16/1993	30	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	

TABLE 1

SUMMARY OF HISTORICAL SOIL ANALYTICAL RESULTS FORMER SHELL-BRANDED SERVICE STATION 14210 SOUTHEAST PETROVITSKY ROAD RENTON, WASHINGTON																				
Sample ID	Consultant	Sample Date	Sample Depth	HYDROCARBONS				PRIMARY VOCS						OXYGENATES					LEAD	
				TPH 418.1	TPHg	TPHd	TPHo	B	T	E	X	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Total	
				MTCA Method A Cleanup Level	NE	30/100	2000	2000	0.03	7	6	9	0.005	NE	0.1	NE	NE	NE	NE	250
				Site-specific Cleanup Level	NE	NE	NE	NE	18	6,400	8,000	16,000	NE	NE	NE	NE	NE	NE	NE	NE
			ft	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
VE-3 @ 35'	ESE 1994	9/16/1993	35	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
VE-3 @ 40'	ESE 1994	9/16/1993	40	--	<5	<25	<100	<0.05 a	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	
120649-B01-20 **	URS 2008	5/19/2008	20	--	<0.055	<55	420	<0.0055	<0.0055	<0.0055	<0.00553	--	--	<0.0055	<0.0055	<0.110	<0.011	<0.0055	<27.6	
120649-B02-20	URS 2008	5/19/2008	20	--	<0.056	<5.6	<11	<0.0056	<0.0056	<0.0056	<0.00559	--	--	<0.0056	<0.0056	<0.110	<0.011	<0.0056	<28	
120649-B03-20	URS 2008	5/19/2008	20	--	<0.056	9.9	47	<0.0056	<0.0056	<0.0056	<0.00561	--	--	<0.0056	<0.0056	<0.110	<0.011	<0.0056	<28.1	
120649-B04-40	URS 2008	5/19/2008	40	--	<0.053	<5.3	<11	<0.0053	<0.0053	<0.0053	<0.0053	--	--	<0.0053	<0.0053	<0.110	<0.011	<0.0053	<26.5	
120649-B05-40	URS 2008	5/19/2008	40	--	<0.054	<5.4	<11	<0.0054	<0.0054	<0.0054	<0.00537	--	--	<0.0054	<0.0054	<0.110	<0.011	<0.0054	<26.9	
120649-B06-40	URS 2008	5/19/2008	40	--	<0.054	<5.4	<11	<0.0054	<0.0054	<0.0054	<0.0054	--	--	<0.0054	<0.0054	<0.110	<0.011	<0.0054	<27.2	
HONE-5.5 **	Delta 2010	7/15/2010	5.5	--	<0.23	<5.0	<5.0	<0.00093	<0.00093	<0.00093	<0.0019	--	--	--	--	--	--	--	--	
HONW-6 **	Delta 2010	7/15/2010	6	--	<0.23	<5.0	<5.0	<0.00089	<0.00089	<0.00089	<0.0018	--	--	--	--	--	--	--	--	
HOB-9 **	Delta 2010	7/15/2010	9	--	<0.24	<5.0	<5.0	<0.00093	<0.00093	<0.00093	<0.0019	--	--	--	--	--	--	--	--	
HOSW-8 **	Delta 2010	7/15/2010	8	--	<0.23	<5.0	<5.0	<0.00098	<0.00098	<0.00098	<0.0020	--	--	--	--	--	--	--	--	
HOSE-4 **	Delta 2010	7/15/2010	4	--	<0.25	<5.0	<5.0	<0.0011	<0.0011	<0.0011	<0.0022	--	--	--	--	--	--	--	--	
WOB-7 **	Delta 2010	7/14/2010	7	--	0.88 d	<5.0	<5.0	0.0032	0.0020	<0.00099	<0.0020	<0.00099	<0.00099	<0.0020	--	--	--	--	1.67	
WONE-4.5 **	Delta 2010	7/14/2010	4.5	--	0.33 d	<5.0	<5.0	<0.0010	<0.00091	<0.00091	<0.0018	<0.00091	<0.00091	<0.0018	--	--	--	--	1.21	
WOSE-4.5 **	Delta 2010	7/14/2010	4.5	--	<0.34	<5.0	<5.0	<0.00096	<0.00096	<0.00096	<0.0019	<0.00096	<0.00096	<0.0019	--	--	--	--	1.34	
PL1-5 **	Delta 2010	7/13/2010	5	--	<0.24	<5.0	11	<0.00090	0.0033	<0.00090	0.0042	<0.00090	<0.00090	<0.0018	--	--	--	--	2.09	
PL2-7 **	Delta 2010	7/13/2010	7	--	<0.23	<5.0	<5.0	<0.00095	<0.00095	<0.00095	<0.0019	<0.00095	<0.00095	<0.0019	--	--	--	--	1.19	
D1-4 **	Delta 2010	7/13/2010	4	--	0.30 d	<5.0	<5.0	0.0012	0.0019	<0.00050	0.0028	<0.00050	<0.00050	<0.00099	--	--	--	--	2.44	
D2-4.3 **	Delta 2010	7/13/2010	4.3	--	2.2 d	<5.0	<5.0	0.0020	0.0022	<0.00099	<0.0020	<0.00099	<0.00099	<0.0020	--	--	--	--	2.18	
D3-6.5 **	Delta 2010	7/13/2010	6.5	--	<0.23	<5.0	<5.0	0.0012	0.0034	<0.00085	0.0034	<0.00085	<0.00085	<0.0017	--	--	--	--	1.59	
D4-5.5 **	Delta 2010	7/13/2010	5.5	--	1.3 d	<5.0	<5.0	0.024	0.049	0.0093	0.053	<0.0010	<0.0010	<0.0020	--	--	--	--	1.44	
SW1-9 **	Delta 2010	7/14/2010	9	--	<0.26	<5.0	<5.0	0.0023	0.0015	<0.00095	<0.0019	<0.00095	<0.00095	<0.0019	--	--	--	--	1.78	
SW2-9 **	Delta 2010	7/14/2010	9	--	<0.30	<5.0	<5.0	0.0039	0.0090	<0.0010	0.0090	<0.0010	<0.0010	0.0021	--	--	--	--	2.46	
SW3-9 **	Delta 2010	7/14/2010	9	--	0.33	<5.0	<5.0	0.0013	<0.0010	<0.0010	<0.0021	<0.0010	<0.0010	<0.0021	--	--	--	--	1.28	
SW4-8.5 **	Delta 2010	7/15/2010	8.5	--	<0.23	<5.0	<5.0	0.0012	<0.00093	<0.00093	<0.0019	<0.00093	<0.00093	<0.0019	--	--	--	--	1.44	
SW5-9 **	Delta 2010	7/15/2010	9	--	<0.26	<5.0	79	0.0015	<0.0010	<0.0010	<0.0021	<0.0010	<0.0010	<0.0021	--	--	--	--	1.34	
SW6-9 **	Delta 2010	7/16/2010	9	--	<0.32	<5.0	<5.0	0.00093	<0.00091	<0.00091	<0.0018	<0.00091	<0.00091	<0.0018	--	--	--	--	1.42	
SW7-9.5 **	Delta 2010	7/16/2010	9.5	--	<0.23	<5.0	<5.0	<0.00099	<0.00099	<0.00099	<0.0020	<0.00099	<0.00099	<0.0020	--	--	--	--	1.41	
SW8-10 **	Delta 2010	7/16/2010	10	--	<0.26	<5.0	<5.0	0.00098	<0.00098	<0.00098	<0.0020	<0.00098	<0.00098	<0.0020	--	--	--	--	1.21	
SW9-11 **	Delta 2010	7/16/2010	11	--	<0.22	<5.0	<5.0	<0.00096	0.0011	<0.00091	<0.0018	<0.00091	<0.00091	<0.0018	--	--	--	--	1.28	

TABLE 1

SUMMARY OF HISTORICAL SOIL ANALYTICAL RESULTS
FORMER SHELL-BRANDED SERVICE STATION
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON

Sample ID	Consultant	Sample Date	Sample Depth	HYDROCARBONS				PRIMARY VOCs						OXYGENATES					LEAD	
				TPH 418.1	TPHg	TPHd	TPHo	B	T	E	X	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Total	
				MTCA Method A Cleanup Level	NE	30/100	2000	2000	0.03	7	6	9	0.005	NE	0.1	NE	NE	NE	NE	250
				Site-specific Cleanup Level	NE	NE	NE	NE	18	6,400	8,000	16,000	NE	NE	NE	NE	NE	NE	NE	NE
			ft	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
U1B-17 **	Delta 2010	7/16/2010	17	--	<0.24	<5.0	<5.0	0.0055	0.0062	<0.00084	0.0066	<0.00084	<0.00084	<0.0017	--	--	--	--	1.40	
U2B-17 **	Delta 2010	7/16/2010	17	--	0.40 d	<5.0	<5.0	0.035	0.024	0.0016	0.018	<0.00076	<0.00076	<0.0015	--	--	--	--	1.24	
U3B-17 **	Delta 2010	7/16/2010	17	--	0.25 d	<5.0	<5.0	0.0036	0.0011	<0.00090	0.0040	<0.00090	<0.00090	<0.0018	--	--	--	--	1.27	
U4B-17 **	Delta 2010	7/15/2010	17	--	<0.21	<5.0	<5.0	0.0014	<0.00087	<0.00087	<0.0017	<0.00087	<0.00087	<0.0017	--	--	--	--	1.17	
H1-7 **	Delta 2010	7/19/2010	7	--	1.1 d	740 d	6,300 d	<0.0011	<0.0011	<0.0011	0.0060	--	--	--	--	--	--	--	--	
H2-6 **	Delta 2010	7/19/2010	6	--	<0.31	10 d	44 d	<0.0010	<0.0010	<0.0010	<0.0021	--	--	--	--	--	--	--	--	
A-8	CRA 2010	5/10/2011	8	--	<5.29	<4.64	31.6	<0.00128	<0.00128	<0.00128	<0.00321	--	--	--	--	--	--	--	--	
B-6	CRA 2010	5/10/2011	6	--	<5.19	9.94	28.9	<0.00210	<0.00210	<0.00210	<0.00525	--	--	--	--	--	--	--	--	
C-6	CRA 2010	5/10/2011	6	--	<5.29	4.64	58.8	<0.00199	<0.00199	<0.00199	<0.00497	--	--	--	--	--	--	--	--	
D-6	CRA 2010	5/10/2011	6	--	<5.54	<4.36	<4.36	<0.00197	<0.00197	<0.00197	<0.00493	--	--	--	--	--	--	--	--	
E-6	CRA 2010	5/10/2011	6	--	<5.94	<4.34	<4.34	<0.00186	<0.00186	<0.00186	<0.00466	--	--	--	--	--	--	--	--	
F-10**	CRA 2010	5/10/2011	10	--	<5.64	4.91	16.2	<0.00205	<0.00205	<0.00205	<0.00514	<0.00205	<0.00205	<0.00205	--	--	--	--	--	

Notes/Abbreviations

TPH 418.1 = Total petroleum hydrocarbons analyzed by EPA Method 418.1

TPHg = Total petroleum hydrocarbons as gasoline range organics analyzed by NWTPH-Gx; before July 2010, analyzed by Method WTPH-G

TPHd = Total petroleum hydrocarbons as diesel range organics analyzed by NWTPH-Dx with Silica Gel Cleanup; before July 2010, analyzed by Method WTPH-D extended

TPHo = Total petroleum hydrocarbons as heavey oil range organics analyzed by NWTPH-Dx with Silica Gel Cleanup; before July 2010, analyzed by Method WTPH-D extended

BTEX = Benzene, toluene, ethylbenzene, xylenes analyzed by EPA Method 8260B; before July 2010, analyzed by EPA Method 8020

EDB = 1,2-Dibromoethane analyzed by EPA Method 8260B; before July 2010, analyzed by EPA Method 8020

EDC = 1,2-Dichloroethane analyzed by EPA Method 8260B; before July 2010, analyzed by EPA Method 8020

VOCs = Volatile organic compounds

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butanol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

Total lead analyzed by EPA Method 6020; before July 2010, analyzed by EPA Method 7421

PAHs = Polycyclic aromatic hydrocarbons

Naphthalene analyzed by EPA Method 8260B

Hexane analyzed by EPA Method 8260B

mg/kg = milligrams per kilogram

NE = Not established

<x = Not detectable above reporting limit x

TABLE 1

SUMMARY OF HISTORICAL SOIL ANALYTICAL RESULTS
FORMER SHELL-BRANDED SERVICE STATION
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON

Sample ID	Consultant	Sample Date	Sample Depth	HYDROCARBONS				PRIMARY VOCs						OXYGENATES					LEAD
				TPH 418.1	TPHg	TPHd	TPHo	B	T	E	X	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Total
				MTCA Method A Cleanup Level	NE	30/100	2000	2000	0.03	7	6	9	0.005	NE	0.1	NE	NE	NE	250
				Site-specific Cleanup Level	NE	NE	NE	NE	18	6,400	8,000	16,000	NE	NE	NE	NE	NE	NE	NE
			ft	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

-- = Not analyzed

Bolded concentrations indicate the concentration value exceeded the Site-specific cleanup levels

Shade indicates the soil sample has been excavated and removed from site.

* = Samples was additionally analyzed for VOCs by EPA Method 8020. All analytical results are below the laboratory reporting limits.

** = Samples were additionally analyzed for one or more of the following: polychlorinated biphenyls (PCBs) by EPA Method 8082, PAHs by EPA Method 8270 C SIM, full VOCs by EPA Method 8260B,

All analytical results were either below the reporting limits.

a = The laboratory reporting limit in excess of the MTCA Method A cleanup levels.

b = Total petroleum hydrocarbon analyzed by Method WTPH-HCID

c = Sample was analyzed by both Method WTPH-G and WTPH-HCID for gasoline range petroleum hydrocarbons. The value in the table are the results obtained by Method WTPH-G.

The analyte was not detectable using Method WTPH-HCID in this sample.

d = The sample chromatographic pattern for TPH does not the specified standard. Quantification of the unknown hydrocarbon(s) in the sample are based on the specified standard.

TABLE 2

SUMMARY OF GROUNDWATER MONITORING DATA
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON

Sample ID	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCs				OXYGENATES						Ethanol
					MTCA Method A Cleanup Levels	800/1000	500	500	5	1000	700	1000	20	NE	NE	NE	NE	
					μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	
MW-1	01/16/03	507.05	81.65	425.40	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-1	05/15/03	507.05	81.05	426.00	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-1	08/13/03	507.05	82.09	424.96	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-1	12/09/03	507.05	83.00	424.05	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-1	06/02/04	507.05	81.02	426.03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-1	05/18/05	507.05	81.00	426.05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	
MW-1	05/19/06	507.05	79.90	427.15	<50	<248	<495	<0.5	<0.5	<0.5	<3	<5	<1	<1	<1	<50	<150	
MW-1	05/10/07	507.05	78.27	428.78	<50	<236	<472	<0.5	<0.5	<0.5	<3	<5	<1	<1	<1	<50	<250	
MW-1	05/21/08	507.05	78.94	428.11	<50	<250	<500	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5000	
MW-1	03/12/09	507.05	80.56	426.49	<100	<100	<100	<0.5	<1	<1	<1	<1	<2	<2	<2	<10	<100	
MW-2	01/16/03	505.15	79.40	425.75	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-2	05/15/03	505.15	78.87	426.28	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-2	08/13/03	505.15	79.85	425.30	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-2	12/09/03	505.15	80.84	424.31	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-2	06/02/04	505.15	78.84	426.31	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-2	05/18/05	505.15	78.80	426.35	80	<250	<500	1.5	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	
MW-2	08/02/05*	505.15	79.25	425.90	<50	NA	NA	<1	<1	<1	<1	NA	NA	NA	NA	NA	--	
MW-2	05/19/06	505.15	77.65	427.50	92.9	<236	<472	2.46	<0.5	1.03	<3	<5	<1	<1	<1	<50	<150	
MW-2	05/10/07	505.15	76.05	429.10	<50.0	<236	<472	0.57	<0.5	<0.5	<3	<5	<1	<1	<1	<50	<250	
MW-2	05/21/08	505.15	76.71	428.44	<50	<250	<500	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5000	
MW-2	03/12/09	505.15	78.33	426.82	<100	<100	<100	<0.5	<1	<1	<1	<1	<2	<2	<2	<10	<100	
MW-3	01/16/03	501.05	75.20	425.85	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-3	05/15/03	501.05	74.57	426.48	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	--	
MW-3	08/13/03	501.05	75.57	425.48	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-3	12/09/03	501.05	76.61	424.44	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-3	06/02/04	501.05	74.60	426.45	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	
MW-3	05/18/05	501.05	74.53	426.52	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	
MW-3	05/19/06	501.05	73.42	427.63	<50.0	<236	<472	<0.5	<0.5	<0.5	<3	<5	<1	<1	<1	<50	<150	
MW-3	05/10/07	501.05	71.77	429.28	<50.0	<236	<472	<0.5	<0.5	<0.5	<3	<5	<1	<1	<1	<50	<250	
MW-3	05/21/08	501.05	72.44	428.61	<50	<250	<500	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5000	
MW-3	03/12/09	501.05	74.10	426.95	<100	<100	<100	<0.5	<1	<1	<1	<1	<2.0	<2	<2	<10	<100	

TABLE 2

SUMMARY OF GROUNDWATER MONITORING DATA
14210 SOUTHEAST PETROVITSKY ROAD
RENTON, WASHINGTON

Sample ID	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCs				OXYGENATES					
					TPHg	TPHd	TPHo	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA	Ethanol
					MTCA Method A Cleanup Levels	800/1000	500	500	5	1000	700	1000	20	NE	NE	NE	NE
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

Notes:

MTCA = Model Toxics Control Act

TOC = Top of Casing in feet relative to mean sea level

DTW = Depth to Water in feet

GWE = Groundwater Elevation in feet relative to mean sea level

TPHg = Total petroleum hydrocarbons as gasoline analyzed by NWTPH-Gx unless otherwised noted. The higher value is based on the assumption that no benzene is present in the groundwater sample

TPHd = Total petroleum hydrocarbons as diesel, analyzed by NWTPH-Dx with silica gel cleanup unless otherwise noted by previous reports

TPHo = Total petroleum hydrocarbons as oil range organics analyzed by NWTPH-Dx with silica gel cleanup unless otherwise noted by previous reports

BTEX = Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B

VOCs = volatile organic compounds

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butanol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

Total Lead analyzed by EPA Method 6020

µg/L = micrograms per liter unless otherwise indicated.

<x = Not detected at laboratory reporting limit x

--- = Not analyzed

NE = Not established

Concentrations in bold type indicate the analyte was detected above MTCA Method A cleanup levels

*Resampled MW-2 on 8/2/05 due to anomalous results from previous monitoring event on 5/18/05.

APPENDIX A

LEGAL DESCRIPTION OF PROPERTY, PRESENT OWNER AND OPERATOR,
CHRONOLOGICAL LISTING OF KNOWN PAST OWNERS AND OPERATORS



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King County Department of Assessments

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PARCEL DATA

Parcel	272305-9043	Jurisdiction	KING COUNTY
Name	TERRAMAR RETAIL CENTERS LLC	Levy Code	5160
Site Address	14210 SE PETROVITSKY RD 98058	Property Type	C
Geo Area	75-65	Plat Block / Building Number	
Spec Area	410-0	Plat Lot / Unit Number	
Property Name	Shell SERVICE STATION	Quarter-Section-Township-Range	SE-27-23-5

Legal Description

POR OF NW 1/4 OF NE 1/4 OF SEC 34 & THE SW 1/4 OF SE 1/4 OF SEC 27-23-05 AS FLOGS BEG AT S 1/4 COR OF SEC 27 SD PT BEING ON C/L OF 140TH AVE SE TH N 02-28-48 E ALG THE N-S C/L SD SEC 27 & THE C/L OF SD 140TH AVE SE 204.65 FT TO AN NXN WITH C/L OF A 100 FT R/W KNOWN AS PETROVITSKY RD TH S 70-20-42 E ALG SD C/L OF PETROVITSKY RD 572 FT TAP OF CURVE TH CONTG ALG SD C/L ALG THE ARC OF A CURVE TO THE RIGHT SD CURVE HAVING A RADIUS OF 2864.79 FT THRU A C/A OF 03-38-20 181.94 FT TH N 23-17-38 E 50 FT TAP ON THE NELY MGN SD PETROVITSKY RD & TPOB TH CONTG N 23-17-38 E 70.03 FT TH N 47-54-59 E 148.33 FT TH S 42-05-01 E 202.13 FT TAP ON THE ARC OF A CURVE THE CENTER WH BEARS S 35-33-55 E TH SWLY ALG THE ARC OF A CURVE TO THE LEFT SD CURVE HAVING A RAD 330 FT THRU C/A OF 17-40-27 101.80 FT TAP OF REV CURVE TH SWLY ALG THE ARC OF A CURVE TO THE RIGHT SD CURVE HAVING A RAD OF 35 FT THRU A C/A OF 76-32-00 46.75 FT TH N 66-42-22 W PLW & 50 FT NELY AS MEAS AT R/A TO C/L OF SD PETROVITSKY RD 173.04 FT TO THE TPOB

LAND DATA

Highest & Best Use As If Vacant	RETAIL/WHOLESALE	Percentage Unusable	0
Highest & Best Use As Improved	PRESENT USE	Unbuildable	NO
Present Use	Service Station	Restrictive Size Shape	YES
Base Land Value SqFt	18	Zoning	CB
Base Land Value	737,000	Water	WATER DISTRICT
% Base Land Value Impacted	100	Sewer/Septic	PUBLIC
Base Land Valued Date	1/20/2011	Road Access	PUBLIC
Base Land Value Tax Year	2012	Parking	
Land SqFt	40,946	Street Surface	
Acres	0.94		

Views

Rainier	
Territorial	
Olympics	
Cascades	
Seattle Skyline	
Puget Sound	
Lake Washington	
Lake Sammamish	
Lake/River/Creek	
Other View	

Waterfront

Waterfront Location	
Waterfront Footage	
Lot Depth Factor	
Waterfront Bank	
Tide/Shore	
Waterfront Restricted Access	
Waterfront Access Rights	NO
Poor Quality	
Proximity Influence	NO

Designations

Historic Site	
Current Use	
Nbr Bldg Sites	
Adjacent to Golf Fairway	NO
Adjacent to Greenbelt	NO
Other Designation	NO
Deed Restrictions	NO
Development Rights Purchased	NO
Easements	NO
Native Growth Protection Easement	NO

Nuisances

Topography	NO
Traffic Noise	
Airport Noise	
Power Lines	NO
Other Nuisances	NO

Problems

Water Problems	NO
Transportation Concurrence	NO
Other Problems	NO

Environmental

Reference Links:

- [King County Tax Links](#)
- [Property Tax Advisor](#)
- [Washington State Department of Revenue](#) (External link)
- [Washington State Board of Tax Appeals](#) (External link)
- [Board of Appeals/Equalization](#)
- [Districts Report](#)
- [iMap](#)
- [Recorder's Office](#)
- [Scanned images of surveys and other map documents](#)

DNR Lease	NO	Environmental	NO
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BUILDING

Building Number	1
Building Description	SERVICE STATION
Number Of Buildings Aggregated	1
Predominant Use	GARAGE, SERVICE REPAIR (528)
Shape	Rect or Slight Irreg
Construction Class	PREFAB STEEL
Building Quality	GOOD
Stories	1
Building Gross Sq Ft	1,798
Building Net Sq Ft	1,798
Year Built	1971
Eff. Year	1991
Percentage Complete	100
Heating System	FORCED AIR UNIT
Sprinklers	No
Elevators	

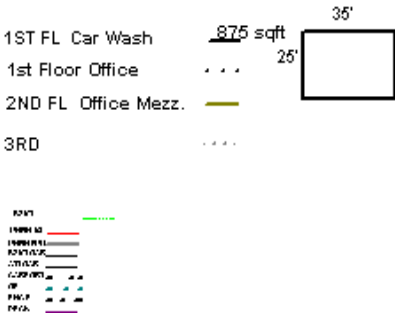
Picture of Building 1



Floor plan of Building 1

LEGEND

PARCEL # 272305-9043
 APPRAISER kwal
 DRAW DATE 7-19-01



Section(s) Of Building Number: 1

Section Number	Section Use	Description	Stories	Height	Floor Number	Gross Sq Ft	Net Sq Ft
1	GARAGE, SERVICE REPAIR (528)		1	12		1,798	1,798

Accessory

Accessory Type	Picture	Description	Qty	Unit Of Measure	Size	Grade	Eff Yr	%	Value	Date Valued
Miscellaneous		Type II							300000	5/13/2003
Car Wash		Automated	1	Square Feet	850	4 Low	2000		130000	7/19/2001

TAX ROLL HISTORY

Account	Valued Year	Tax Year	Omit Year	Levy Code	Appraised Land Value	Appraised Imps Value	Appraised Total Value	New Dollars	Taxable Land Value	Taxable Imps Value	Taxable Total Value	Tax Value Reason
272305904307	2010	2011		5160	\$737,000	\$524,200	\$1,261,200	\$0	\$737,000	\$524,200	\$1,261,200	
272305904307	2009	2010		5160	\$737,000	\$530,100	\$1,267,100	\$0	\$737,000	\$530,100	\$1,267,100	
272305904307	2008	2009		5160	\$737,000	\$530,000	\$1,267,000	\$0	\$737,000	\$530,000	\$1,267,000	
272305904307	2007	2008		5160	\$614,100	\$530,600	\$1,144,700	\$0	\$614,100	\$530,600	\$1,144,700	
272305904307	2006	2007		5160	\$532,200	\$521,900	\$1,054,100	\$0	\$532,200	\$521,900	\$1,054,100	
272305904307	2005	2006		5160	\$491,300	\$521,000	\$1,012,300	\$0	\$491,300	\$521,000	\$1,012,300	
272305904307	2004	2005		5160	\$409,400	\$518,400	\$927,800	\$0	\$409,400	\$518,400	\$927,800	
272305904307	2003	2004		5160	\$409,400	\$519,000	\$928,400	\$0	\$409,400	\$519,000	\$928,400	
272305904307	2002	2003		5160	\$409,400	\$418,200	\$827,600	\$0	\$409,400	\$418,200	\$827,600	
272305904307	2001	2002		5160	\$368,500	\$421,000	\$789,500	\$0	\$368,500	\$421,000	\$789,500	
272305904307	2000	2001		5160	\$368,500	\$190,200	\$558,700	\$0	\$368,500	\$190,200	\$558,700	
272305904307	1999	2000		5160	\$368,500	\$189,500	\$558,000	\$0	\$368,500	\$189,500	\$558,000	
272305904307	1998	1999		5160	\$327,500	\$169,500	\$497,000	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1997	1998		5160	\$0	\$0	\$0	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1996	1997		5160	\$0	\$0	\$0	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1995	1996		5160	\$0	\$0	\$0	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1994	1995		5160	\$0	\$0	\$0	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1992	1993		5160	\$0	\$0	\$0	\$0	\$327,500	\$169,500	\$497,000	
272305904307	1990	1991		5160	\$0	\$0	\$0	\$0	\$286,600	\$139,200	\$425,800	
272305904307	1988	1989		5160	\$0	\$0	\$0	\$0	\$222,700	\$128,100	\$350,800	
272305904307	1986	1987		5160	\$0	\$0	\$0	\$0	\$184,200	\$107,400	\$291,600	
272305904307	1984	1985		5160	\$0	\$0	\$0	\$0	\$184,200	\$107,400	\$291,600	
272305904307	1982	1983		5160	\$0	\$0	\$0	\$0	\$130,800	\$106,100	\$236,900	

SALES HISTORY

Excise Number	Recording Number	Document Date	Sale Price	Seller Name	Buyer Name	Instrument	Sale Reason
2410233	20090929001391	9/29/2009	\$1,608,597.00	EQUILON ENTERPRISES LLC	TERRAMAR RETAIL CENTERS LLC	Special Warranty Deed	None
1627198	199807231671	6/26/1998	\$0.00	TEXACO REFINING & MARKETING INC	EQUILON ENTERPRISES LLC	Special Warranty Deed	None

REVIEW HISTORY

Tax Year	Review Number	Review Type	Appealed Value	Hearing Date	Settlement Value	Decision	Status
2011	1004875	Local Appeal	\$1,261,200	1/1/1900	\$0		Active

PERMIT HISTORY

Permit Number	Permit Description	Type	Issue Date	Permit Value	Permit Status	Issuing Jurisdiction	Reviewed Date
B99C0077		Other	6/9/2000	\$130,000	Complete	KING COUNTY	7/19/2001

HOME IMPROVEMENT EXEMPTION

- New Search
- Property Tax Bill
- Map This Property
- Glossary of Terms
- Print Property Detail
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APPENDIX B

SUMMARY OF PREVIOUS SITE INVESTIGATIONS AND REMEDIAL ACTIVITIES

SUMMARY OF PREVIOUS INVESTIGATIONS, REMEDIAL ACTIVITIES, AND CORRESPONDENCE

1992 Underground Storage Tank Decommissioning and Soil Remediation: In September 1992, Environmental Science & Engineering, Inc (ESE) oversaw the decommissioning and removal of three 8,000-gallon gasoline underground storage tanks (USTs), one 10,000-gallon diesel UST, one 550-gallon waste oil UST, and one 550-gallon fuel oil UST at the Site for Texaco Refining and Marketing, Inc. (TRMI). The gasoline and diesel USTs were located within a common excavation in the southwestern portion of the Property. ESE collected 12 soil samples following the UST removal activities. Soil samples were collected from the bottom of the gasoline and diesel UST excavation at 14 to 17 feet below ground surface (bgs) and along the sidewalls of the excavation at 10 to 13 feet bgs. Soil sample results indicated that TPHg and BTEX were detected at concentrations above the Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A cleanup levels in the soil samples collected from T1F and T2F at 14 feet bgs. No other analytes were detected at concentrations above the MTCA Method A cleanup levels.

In September 1992, ESE oversaw the removal of the dispenser islands and product lines. ESE collected six soil samples from beneath the dispenser islands at depths of 2 to 9 feet bgs. No analytes were detected at concentrations above the MTCA Method A cleanup levels.

In September 1992, ESE oversaw the removal of one 550-gallon waste oil UST. The waste oil UST was located south of the service bays. ESE collected three soil samples following the UST removal activities. Soil samples were collected from the bottom of the excavation at 8 feet bgs and along the sidewalls of the excavation at 6 feet bgs. No analytes were detected at concentrations above the MTCA Method A cleanup levels for samples collected from the waste oil UST excavation.

In September 1992, ESE oversaw the removal of one 550-gallon fuel oil UST. The fuel oil UST was located east of the station building. ESE collected three soil samples following the UST removal activities. Soil samples were collected from the bottom of the excavation at 9 feet bgs and along the sidewalls of the excavation at 7 feet bgs. No analytes were detected at concentrations above the MTCA Method A cleanup levels for samples collected from the fuel oil UST excavation.

Approximately 1,500 cubic yards of petroleum impacted soil were excavated and stockpiled on-Site for the excavation activities. The 1992 ESE *Tank Decommissioning Report* was not available for review. The information provided above was summarized

from various reports completed for the site. More information is available in ESE's *Tank Decommissioning* report, dated December 23, 1992 and ESE's *Results of Limited Site Assessment* report, dated March 4, 1994.

1993 Soil stockpile Remediation: Between December 1992 and June 1993, ESE treated approximately 1,500 cubic yards of petroleum-impacted soil that were stockpiled on-property following UST removal activities, using a combination of vapor extraction and bioremediation technologies. Based on the analytical results of soil samples from the treated stockpile, the remediation system was shut down on June 17, 1993. The stockpile was disposed of at Coal Creek Regional Landfill in June 1993, under approval of the King County Health Department. More information is available in ESE's *Results of Soil Remediation Activities* report, dated September 28, 1993.

1993 Site Assessment: In September 1993, ESE completed a limited site assessment to assess the extent of petroleum-impacted soils beneath the UST basin and to assess the effectiveness of soil vapor extraction as a means of reducing petroleum-impacted soil beneath the Site. ESE drilled three soil borings (VE-1 through VE-3) and installed VE-1 and VE-3 as vapor wells. Soil boring VE-2 was not completed as a vapor well because it was in contact with a PVC conduit at 22 feet bgs. Soil samples were collected from the three soil borings and no analytes were detected at concentrations above the MTCA Method A cleanup levels. Groundwater was not encountered to a total depth explored of 50 feet bgs. More information is available in ESE's *Report of Additional Subsurface Investigation*, dated July 9, 1993.

2002 Monitoring Well Installation: In November 2002, KHM Environmental Management, Inc. (KHM) installed three groundwater monitoring wells (MW-1 through MW-3) to total depths of 90 feet bgs because the Site was identified to be in close proximity to one or more public water supply wells. Groundwater samples were collected from monitoring wells MW-1 through MW-3 and no analytes were detected at concentrations above the MTCA Method A cleanup levels for groundwater. No subsurface soil impacts were observed in the field; therefore, soil samples collected during drilling activities were not submitted for laboratory analysis. More information is available in KHM's *GRASP Tier II Summary Report*, dated April 24, 2003.

2008 Site Assessment: In May 2008, URS Corporation (URS) advanced six soil borings (B1 through B6) as part of a due diligence program of specific assets in the greater Seattle area. One soil sample was collected from each boring at depth of either 20 or 40 feet bgs. No analytes were detected above MTCA Method A cleanup levels in any soil sample collected from the borings. More information is available in URS's *Phase II Environmental Site Assessment* report, dated July 11, 2008.

2010 Underground Storage Tank Decommissioning and Soil Remediation: In July 2010, Delta Consultants (Delta) oversaw the decommissioning and removal of one 12,000-gallon gasoline UST, two 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, one 550-gallon waste oil UST, one 1,000-gallon heating oil UST, the dispenser islands, and two hoists at the Site for Shell Oil Products US. The gasoline and diesel USTs were located within a common excavation in the southwestern portion of the Property. The USTs were observed to be in good condition with no visible signs of holes or leakage. Delta collected nine sidewall soil samples (SW1 through SW9) and four bottom samples (U1B through U4B) following the UST removal activities. The soil samples were collected from the bottom of the excavation at 17 feet bgs and along the sidewalls of the excavation at 8.5 to 11 feet bgs. Benzene was detected at concentrations above the MTCA Method A cleanup levels in soil sample U2B at 17 feet bgs. No other analytes were detected at concentrations above the MTCA Method A cleanup levels.

In July 2010, Delta removed one 550-gallon waste oil UST and one 1,000-gallon heating oil UST located on the southwest and northeast sides of the station building, respectively. The USTs were observed to be in good condition with no visible signs of holes or leakage. Delta collected three soil samples (WONE, WOSE, and WOB) from the waste oil UST excavation and five samples (HONW, HONE, HOSW, HOSE, and HOB) from the heating oil UST excavation. A soil sample was collected from the bottom of the waste oil and heating oil excavations at 7 and 9 feet bgs and along the sidewalls of the waste oil and heating oil excavations at 4.5 to 8 feet bgs. No analytes were detected at concentrations above the MTCA Method A cleanup levels.

In July 2010, Delta oversaw the removal of the product distribution piping and dispensers. Delta collected six soil samples (PL1, PL2, and D1 through D4) from beneath the dispenser islands and product piping lines and at 4 to 7 feet bgs. No analytes were detected at concentrations above the MTCA Method A cleanup levels.

In July 2010, Delta oversaw the removal of two hoists. Two soil samples (H1 and H2) were collected from the beneath the hoist excavations at depths of 7 and 6 feet bgs. TPHo was detected at concentrations above the MTCA Method A cleanup levels in soil sample H1 at 7 feet bgs. No other analytes were detected at concentrations above the MTCA Method A cleanup levels for samples collected from beneath the hoists.

All removed concrete including the UST surface slab and the dispenser islands was crushed and hauled off site for disposal. Excavated soil and gravel was used to backfill the excavations. The excavations were backfilled and compacted to greater than 95 percent relative compaction in lifts to surface grade. Soil stockpiles were not

generated during the decommissioning project. Therefore, off-Site disposal of soil was not necessary. Groundwater was not encountered in sufficient quantities to necessitate disposal. More information is available in Delta's *Underground Storage Tank Removal* report, dated May 27, 2010.

APPENDIX C

HISTORICAL SOIL BORING LOGS



LOG OF EXPLORATORY
BORING WITH WELL
INSTALLATION DATA

PROJECT NO. 8-93-7272

CLIENT: Texaco

LOCATION: Renton, WA

LOGGED BY: M. Fishel, M. Meyer

WELL NO. VE-1

DATE: 8/15/93

DRILLER: McGarrett Drilling

PAGE: 1 of 1

FIELD LOCATION: See Site Map

BENCHMARK ELEVATION:

WELL CASING ELEVATION:

WELL CASING TYPE: Schedule 40 PVC

SCREEN PERFORATION: 0.020"

WELL COMPLETION DEPTH: 30'

TOTAL DEPTH: 50'

BORING DIAMETER: 10"

WELL DIAMETER: 4"

FILTER PACK TYPE: CSS 10-20 Sand

SEAL TYPE: Bentonite

WATER DEPTH FIRST:

WATER DEPTH COMPLETED:

WATER DEPTH 24HRS:

DEPTH	VAPOR CONC. (PPM)	BLOW/FT	SAMPLE TYPE	USCS SOIL TYPE	GRAPHICS LOG	DESCRIPTION	WELL DIAGRAM
0						Casing to 12' - pea gravel withing tank basin. First sample at 15'.	
5						Existing 12" casing to 12'.	
15	0	50/3"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor (till).	
20	0	100/3"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor (till).	
25	0	53/6"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor (till).	
30	0	60/6"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor. (till).	
35	0	100/3"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor. (till).	
40	0	100/4"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor. (till).	
45	0	100/4"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor (till).	
50	0	56/6"	Ring	sp		SAND, medium grained, medium brown, moist, very dense, non-cohesive, no odor.	
55						Total Depth: 50'	



LOG OF EXPLORATORY
BORING WITH WELL
INSTALLATION DATA

PROJECT NO. 8-93-1272
CLIENT: Texaco
LOCATION: Renton, WA
LOGGED BY: M. Fisher

WELL NO. VE-2
DATE: 9/15/93
DRILLER: McGarrett Drilling
PAGE: 1 of 1

FIELD LOCATION: See Site Map

BENCHMARK ELEVATION:

WELL CASING ELEVATION:

WELL CASING TYPE:

SCREEN PERFORATION:

WELL COMPLETION DEPTH:

TOTAL DEPTH: 22'

BORING DIAMETER: 8"

WELL DIAMETER:

FILTER PACK TYPE:

SEAL TYPE: Bentonite Chips

WATER DEPTH FIRST:

WATER DEPTH COMPLETED:

WATER DEPTH 24HRS:

DEPTH	VAPOR CONC. (PPM)	BLOW/FT	SAMPLE TYPE	USCS SOIL TYPE	GRAPHICS LOG	DESCRIPTION	WELL DIAGRAM
0						Casing to 12' - pea gravel within tank basin. First sample at 15'	
5							
10							
15	0	50/4"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor.	
20	0	50/3"	Ring	sm		Silty SAND, fine grained with fine gravel, light brown, slightly moist, very dense, non-cohesive, no odor.	
25						Total Depth: 22'	
30							
35							
40							



LOG OF EXPLORATORY
BORING WITH WELL
INSTALLATION DATA

PROJECT NO. 6-93-7272

WELL NO. VE-3

CLIENT: Texaco

DATE: 9/16/93

LOCATION: Renton, WA

DRILLER: McGarrett Drilling

LOGGED BY: M. Fishel, J. Murnane

PAGE: 1 of 1

FIELD LOCATION: See Site Map

WELL COMPLETION DEPTH: 33.5'

SEAL TYPE: Bentonite

BENCHMARK ELEVATION:

TOTAL DEPTH: 40'

WATER DEPTH FIRST:

WELL CASING ELEVATION:

BORING DIAMETER: 10"

WATER DEPTH COMPLETED:

WELL CASING TYPE: Schedule 40 PVC

WELL DIAMETER: 4"

WATER DEPTH 24HRS:

SCREEN PERFORATION: 0.020"

FILTER PACK TYPE: CSS 10-20 Sand

DEPTH	VAPOR CONC. (PPM)	BLOW/FT	SAMPLE TYPE	USCS SOIL TYPE	GRAPHICS LOG	DESCRIPTION	WELL DIAGRAM
0						Casing to 12' - pea gravel within tank basin. First sample at 15'.	
5							
10							
15		100/6"	Ring	sm		Existing 12" casing to 12'.	
20	5	100/5"	Ring	sm		Silty SAND, fine grained with fine gravel, light gray, slightly moist, very dense, non-cohesive, no odor (till).	
25	84	100/2"	No Recovery			Silty SAND, fine grained with fine gravel, light gray, slightly moist, very dense, non-cohesive, no odor (till).	
30	35	100/4"	Ring			Silty SAND, medium brown, poorly graded, weak odor.	
35	0	100/3"	Ring			Silty SAND, medium brown, well graded, no odor.	
40		100/3"	Ring			Silty SAND, medium brown, poorly graded. Total Depth: 40'	
45							
50							
55							

KHM

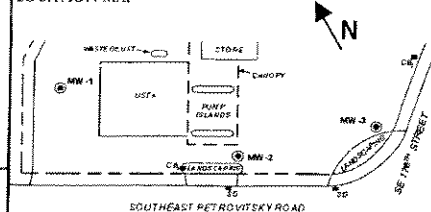
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/6/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-1

PAGE 1 OF 5

LOCATION MAP



Well Completion		ELEVATION		NORTHING		EASTING			
Backfill	Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips			moist	0	60/6	1			0 - 4" ASPHALT
						2			Airknifed 7' through silt/sand/gravel
						3			
						4			
						5			
						6			
						7			
						8			
						9			
						10		SM	Poorly Graded Silty SAND; light brown, tan to grey, very fine to fine, 10% non-plastic fines, 10% fine to coarse gravel, loose, moist
			moist	0	50/6	11			(As above; gravel increasing to 15-20%)
						12			
						13			(As above; gravel decreasing to 10%)
						14			
						15			(As above)
						16			(As above)
						17			
						18			(As above)
						19			(As above; with scattered orange (oxidized) stains)
						20			
			moist	0	100/6	21			(As above)
						22			(As above; color change to light brown/tan)
					75/6				

KHM

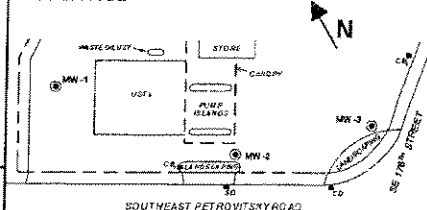
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/6/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-1

PAGE 2 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion
Backfill
Casing

Static
Water
Level

Moisture
Content

PID Reading
(ppm)

Penetration
(blows/6")

Depth (feet)

Sample
Recovery
Interval

Soil Type

Bentonite Chips

moist

0

50/6

23

SM

(As above)

moist

0

80/6

33

SP

Poorly Graded SAND with Gravel; greyish light brown, fine to very fine sand, 10% non-plastic fines, 10-15% fine to medium gravel, subrounded/subangular, loose, moist
(As above)

(As above; density increasing with depth to medium dense, cobbles ~1.5" diameter, subrounded)

(As above; density decreasing)

(As above; trace medium sand, cobbles ~3" diameter)

(As above; density increasing, gravel increasing to 20-25%)

(As above; sand coarsening, very fine to medium sand, trace coarse, loose, wet)

(As above; density increasing, moist to wet)

(As above; light greyish/greenish brown, moist)

(As above)

moist

0

75/6

40

SM

Poorly Graded Silty SAND with Gravel; light brown/greenish grey, very fine to fine, trace medium and coarse sand, 10% silt, 15% gravel, medium dense, moist
(As above; sand coarsening)

moist

0

65/6

43

SM

(As above; color change to yellowish brown grey, gravel decreasing, moist)

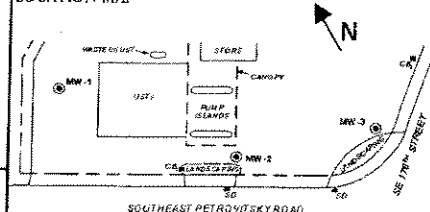
KHM

ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/6/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-1
PAGE 3 OF 5

LOCATION MAP



Well Completion		Static Water Level	ELEVATION			NORTHING			EASTING	LITHOLOGY / DESCRIPTION
Backfill	Casing		Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type		
Bentonite Chips			moist	0	50/6	45			SM	(As above; greyish brown, medium to low density)
			moist	0	80/6	46				(As above; gravel increasing to 20-25%)
			moist	0	50/6	47				
			moist	0	50/6	48			SM	(As above)
			wet	0	60/6	49			SW	Well Graded SAND with Gravel; orange yellowish to light brown; 55% medium, 25% coarse, 20% fine grained sand, 5% silt, 25% fine to coarse gravel, medium dense, wet
			moist/wet	0	50/6	50				
			moist	0	50/6	51				(As above; coarse sand increasing up to 30%)
			moist	0	50/6	52				
			moist	0	50/6	53				(As above; orange brown, coarse sand increasing up to 40%, no silt, gravel 10%)
			moist	0	50/6	54				(As above; gravel 15%, moist)
					50/6	55			SW	(As above; gravel 7%)
					50/6	56				
					50/6	57				(As above; gravel 25-30%)
					26 50/6	58				(As above; light brown with orange bends, >5% fine gravel)
			moist	0	50/6	59				
			wet	0	50/6	60			SP	Poorly Graded SAND; light brown grey, fine to medium grained sand, trace coarse, moist
			moist	0	31 50/6	61				(As above; trace gravel, wet)
			moist	0	50/6	62				(As above; 5% gravel, moist)
			moist	0	50/6	63			SP	(As above)
			moist	0	50/6	64				
			moist	0	50/6	65			SP	(As above; brownish grey, trace gravel)
					50/6	66				

KHM

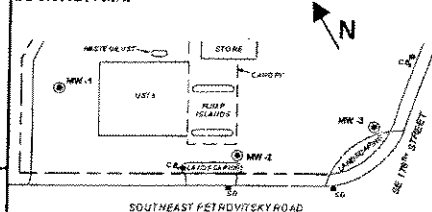
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/6/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-1

PAGE 4 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion
Backfill
Casing

Static
Water
Level

Moisture
Content

PID Reading
(ppm)

Penetration
(blows/6")

Depth (feet)

Sample
Recovery
Interval

Soil Type

Sand

1520
11/06/02

moist

0

50/6

67

SW

Well Graded SAND with Gravel; orange brown, 55% medium, 25% coarse, 20% fine grained sand, 20% gravel, medium dense, moist

(As above; gravel decreasing)

moist

0

50/6

70

SW

(As above; trace fine gravel)

moist

0

50/6

72

SW

(As above; gravel increasing to 25%)

60/6

73

SW

(As above; rock fragments ~3" diameter)

74

SW

(As above; gravel 30%, moist to wet)

moist/
wet

0

50/6

75

SW

(As above)

moist/
wet

0

50/6

76

SW

wet

0

50/6

78

SW

(As above; wet)

wet

0

50/6

79

SW

(As above; wet)

wet

0

50/6

81

SW

(As above; color change to grey, wet)

82

83

84

85

86

87

88

KHM

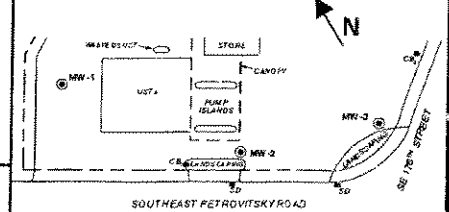
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/6/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-1

PAGE 5 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion

Backfill
Casing

Static
Water
Level

Moisture
Content

PID Reading
(ppm)

Penetration
(blows/6")

Depth (feet)

Sample
Recovery
Interval

Soil Type

Sand

wet

0

50/6

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

SW

(As above)

BOTTOM OF BORING @ 90 ft

KHM

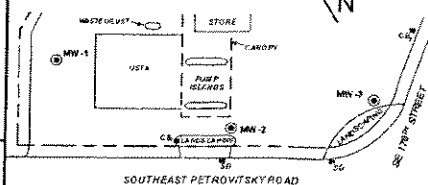
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

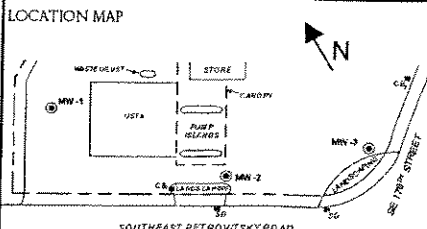
PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/7/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-2

PAGE 1 OF 5

LOCATION MAP



KHM ENVIRONMENTAL MANAGEMENT INCORPORATED		PROJECT NO: A81-14210 Petrovitsky		CLIENT: Shell		BORING/WELL NO: MW-2					
		LOGGED BY: Olga Popova		LOCATION: 14210 SE Petrovitsky Rd, Renton, WA		PAGE 1 OF 5					
		DRILLER: Cascade Drilling Inc.		DATE DRILLED: 11/7/2002		LOCATION MAP 					
		DRILLING METHOD: HSA		HOLE DIAMETER: 9"							
SAMPLING METHOD: SS		HOLE DEPTH: 90'		WELL DIAMETER: 2"							
CASING TYPE: PVC		WELL DEPTH: 90'									
SLOT SIZE: 0.010"		CASING STICKUP: 0									
GRAVEL PACK: 2-12											
		ELEVATION		NORTHING		EASTING					
Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Interval	Soil Type	LITHOLOGY / DESCRIPTION	
Backfill	Casing										
Bentonite Chips						1				0 - 4" ASPHALT	
						2				Airknifed 7' through silt/sand/gravel	
						3					
						4					
						5					
						6					
						7					
						8					
						9					
			moist	0	60/6	10			SP	Poorly Graded SAND; light brownish grey, very fine to fine grained sand, 5% silt, 5% fine to medium gravel, subrounded, loose, moist	
						11					
						12					
						13					
						14					
			moist	0	55/6	15				(As above; change of color to light brownish/tan, gravel increasing to 10%)	
						16					
						17					
						18					
						19					
			moist	0	80/6	20			SP	(As above; change of color to greenish grey, moist)	
						21					
						22					

KHM

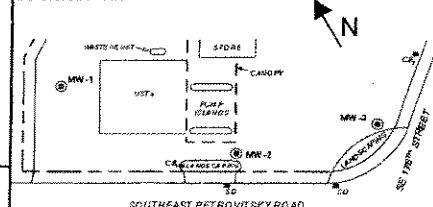
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/7/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-2

PAGE 2 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion
Backfill
Casing

Static
Water
Level

Moisture
Content

PID Reading
(ppm)

Penetration
(blows/6")

Depth (feet)

Sample
Recovery
Interval

Soil Type

Bentonite Chips

moist

0

65/6

SP

(As above; light grey to tan, 10% silt, 5% gravel)

moist

0

70/6

(As above; light brownish grey, cobbles ~2" diameter, scattered orange stains (oxidized))

moist

0

70/6

SM

Poorly Graded Silty SAND; silt - sand mixture, greenish grey, very fine to fine grained sand, trace medium, 10% silt, 10-15% fine to coarse gravel, low plasticity, moderate dense, moist

moist

0

75/6

(As above; sand coarsening, gravel increasing to 20%)

KHM

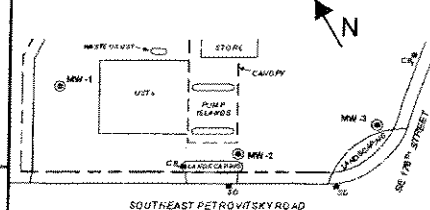
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/7/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-2

PAGE 3 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	Casing								
Bentonite Chips			moist/ wet	0	65/6	45		SM	(As above; moist to wet)
			moist/ wet	0	60/6	46		SP	
						47			
						48			
						49			
						50			Poorly Graded SAND with Gravel; brownish grey with orange bands, fine to medium grained sand, dominantly medium, trace coarse; 10-15% fine to medium gravel, moderate dense, moist to wet
			moist/ wet	0	50/6	51		SW	
						52			
						53			
						54			
						55			Well Graded SAND with Gravel; light orange/brown; 50% medium grained sand, 20% fine grained, 20% coarse sand, no silt, 15% fine to coarse gravel, low to medium dense, moist to wet
			moist	0	50/6	56		SW	
						57			
						58			
						59			
						60			(As above; gravel decreasing to 5%, moist)
			moist	0	50/6	61		SW	
						62			
						63			
						64			
						65			(As above; trace gravel)
						66			

KHM

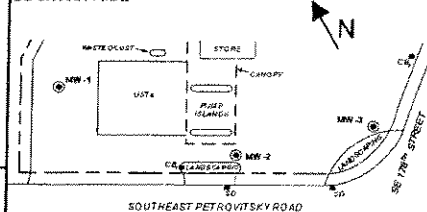
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/7/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-2

PAGE 4 OF 5

LOCATION MAP



ELEVATION

NORTHING

EASTING

LITHOLOGY / DESCRIPTION

Well Completion
Backfill
Casing

Static
Water
Level

Moisture
Content

PID Reading
(ppm)

Penetration
(blows/6")

Depth (feet)

Sample
Recovery
Interval

Soil Type

Sand

1605

11/07/02

moist/
wet

0

50/6

75

GP

Poorly Graded GRAVEL with Sand; orange/brown, fine to medium gravel; 25-30% sand, medium to coarse, loose, moist to wet

wet

0

50/6

80

(As above; wet)

wet

0

50/6

85

SW

Well Graded SAND with Gravel; light brown with orange hue, 40% medium, 40% coarse, 20% fine sand, 20% fine to medium gravel, loose, wet

KHM

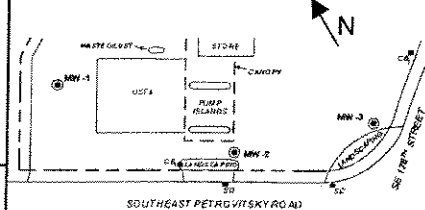
ENVIRONMENTAL
MANAGEMENT
INCORPORATED

PROJECT NO: A81-14210 Petrovitsky CLIENT: Shell
LOGGED BY: Olga Popova LOCATION: 14210 SE Petrovitsky Rd, Renton, WA
DRILLER: Cascade Drilling Inc. DATE DRILLED: 11/7/2002
DRILLING METHOD: HSA HOLE DIAMETER: 9"
SAMPLING METHOD: SS HOLE DEPTH: 90'
CASING TYPE: PVC WELL DIAMETER: 2"
SLOT SIZE: 0.010" WELL DEPTH: 90'
GRAVEL PACK: 2-12 CASING STICKUP: 0

BORING/WELL NO: MW-2

PAGE 5 OF 5

LOCATION MAP



Well Completion		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	NORTHING		EASTING	LITHOLOGY / DESCRIPTION
Backfill	Casing						Recovery	Interval		
Sand			wet	0	50/6	89				
						90				(As above; sand coarsening with depth, 60% coarse,
						91				30% medium, 10% fine grained sand, gravel
						92				decreasing to trace)
						93				BOTTOM OF BORING @ 90 ft
						94				
						95				
						96				
						97				
						98				
						99				
						100				
						101				
						102				
						103				
						104				
						105				
						106				
						107				
						108				
						109				
						110				

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B1

Sheet 1 of 1

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	20.4
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
0									Air knifed to 7.0 feet bgs.
									Backfill from hole clearance.
5									
10			120649-B01-10	20 50/5"	11		0.0	0738	POORLY GRADED SAND WITH SILT [SP-SM], olive gray, dry to damp, nonplastic, very dense, homogeneous, very fine to fine sand (No odor or stain).
15			120649-B01-15	26 50/6"	12		0.0	0745	Grades to medium sand.
20			120649-B01-20	50/5"	5		0.0	0751	POORLY GRADED SAND [SP], dark brown, dry, very dense, medium sand, occasional cobbles (No odor or stain). Boring terminated at 20.42 feet bgs and backfilled with bentonite chips on 5/19/2008.
25									
30									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B2

Sheet 1 of 1

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	20.5
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
0									Air knifed to 7.0 feet bgs.
									Backfill from hole clearance.
10			120649-B02-10	20 30 31	18		0.0	0835	POORLY GRADED SAND WITH SILT [SP-SM], olive gray, dry to damp, nonplastic, very dense, homogeneous, fine sand, occasional cobbles (No odor or stain).
15			120649-B02-15	50/6"	6		0.0	0840	POORLY GRADED SAND WITH GRAVEL [SP], dark brown, dry, very dense, medium sand, rounded gravels (No odor or stain).
20			120649-B02-20	50/6"	6		0.0	0848	SILTY SAND [SM], dark brown, dry, nonplastic, very dense, sand, occasional small rounded cobbles (No odor or stain).
									Boring terminated at 20.5 feet bgs and backfilled with bentonite chips on 5/19/2008.
25									
30									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B3

Sheet 1 of 1

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	20.3
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
0									Air knifed to 7.0 feet bgs.
									Backfill from hole clearance.
5									
10			120649-B03-10	21 50/5"	11		0.0	1050	
						Grades to decreasing silt content.			
15			120649-B03-15	50/6"	6		0.0	1100	
20			120649-B03-20	50/3"	3		0.0	1105	
						Boring terminated at 20.25 feet bgs and backfilled with cement bentonite grout on 5/19/2008.			
25									
30									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B4

Sheet 1 of 2

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	40.4
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
0									Air knifed to 7.0 feet bgs.
									Backfill from hole clearance.
5									
10			120649-B04-10	12 30 30	18		0.0	1200	POORLY GRADED SAND WITH SILT AND GRAVEL [SP-SM], olive gray, dry, nonplastic, very dense, fine sand, fine gravels (No odor or stain).
15			120649-B04-15	18 50/6"	10		0.0	1208	Grades to medium sand.
20			120649-B04-20	50/6"	6		0.0	1212	Grades to increasing silt content.
25			120649-B04-25	50/6"	6		0.0	1215	Grades to very fine sand, cobbles.
30									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B4

Sheet 2 of 2

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
30									
35			120649-B04-35	50/5"	5		0.0	1248	
40			120649-B04-40	60/5"	5		0.0	1235	
						Grades to moist, coarse gravel. Boring terminated at 40.42 feet bgs and backfilled with bentonite chips on 5/19/2008..			
45									
50									
55									
60									
65									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B5

Sheet 1 of 2

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	40.4
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log			
0									Air knifed to 7.0 feet bgs.
									Backfill from hole clearance.
5									
10			120649-B05-10	50/5"	5		0.0	1350	POORLY GRADED SAND WITH SILT AND GRAVEL [SP-SM], olive gray, dry, nonplastic, very dense, fine sand, gravels, occasional large cobbles (No odor or stain).
15			120649-B05-15	50/6"	6		0.0	1355	Grades to increasing silt content and decreasing gravel content.
20			120649-B05-20	50/5"	5		0.0	1358	
25			120649-B05-25	50/6"	6		0.0	1405	Grades to very fine sand, fine to coarse gravels.
30									

Project: Shell Western Washington Divestment
 Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
 Project Number: 46194210

Log of Boring B5

Sheet 2 of 2

Feet MSL	Depth, feet	SAMPLES				MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered				
	30		120649-805-30	50/4"	4		0.0	1407	
	35		120649-805-35	50/4"	4		0.0	1412	
	40		120649-805-40	50/5"	5		0.0	1418	
						Boring terminated at 40.42 feet bgs and backfilled with bentonite chips on 5/19/2008..			
	45								
	50								
	55								
	60								
	65								

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B6

Sheet 1 of 2

Date(s) Drilled	5/19/2008	Logged By	Jacob Letts	Checked By	Brian Pletcher
Drilling Method	Hollow Stem Auger	Drilling Contractor	Cascade Drilling	Total Depth of Borehole ft bgs	40.4
Drill Rig Type	CME 75	Borehole Diameter (inches)	8	Approx. Surface Elevation ft msl	N/A
Approx. Depth Groundwater Encountered	Not Encountered	Sampler Type	Dames & Moore	Borehole Backfill	Bentonite Chips
Comments					

Feet MSL	Depth, feet	SAMPLES					MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered	Graphic Log				
	0						Air knifed to 7.0 feet bgs.			
							Backfill from hole clearance.			
	5									
	10		120649-B06-10	19 25 26	18		POORLY GRADED SAND WITH SILT AND GRAVEL [SP-SM] , olive gray, dry, nonplastic, very dense, very fine sand, fine gravels, (No odor or stain).	0.0	1515	
	15		120649-B06-15	50/6"	6		Grades to very dense, medium sand, quartz cobbles.	0.0	5118	
	20		120649-B06-20	50/5"	5		Grades to angular, coarse gravels.	0.0	1525	
	25		120649-B06-25	18 19 20	18		Grades to dense, presence of >4 inch size cobbles.	0.0	1531	
							Grades to increased silt content.			
	30									

Project: Shell Western Washington Divestment
Project Location: 120649 - 14210, SE Petrovitsky Road, Renton, WA
Project Number: 46194210

Log of Boring B6

Sheet 2 of 2

Feet MSL	Depth, feet	SAMPLES				Graphic Log	MATERIAL DESCRIPTION	PID Headspace (ppm)	Sample Time	REMARKS
		Type	Number	Blows/6 in.	Inches Recovered					
	30	✓	120649-B06-30	50/6"	3		Grades to very dense, increased quartz gravels content.	0.0	1535	
	35	✓	120649-B06-35	50/5"	5		>4 inch diameter cobbles encountered.	0.0	1541	
	40	✓	120649-B06-40	50/5"	5		Boring terminated at 40.42 feet bgs and backfilled with bentonite chips on 5/19/2008.	0.0	1545	
	45									
	50									
	55									
	60									
	65									

APPENDIX D

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NUE2087

Client Project/Site: 060613

Client Project Description: 19210 Petrovitsky Road, Renton, WA

For:

Conestoga-Rovers & Asso. (Everett)/ Shell

20818 44th Avenue West, Suite 190

Lynnwood, WA 98036

Attn: Jason Cornetta



Authorized for release by:

05/27/2011 02:57:46 PM

Ryan Fitzwater

Project Manager

Ryan.Fitzwater@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sample Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NUE2087-01	S-051011-MD-A-8	Soil	05/10/11 14:30	05/13/11 08:45
NUE2087-02	S-051011-MD-B-6	Soil	05/10/11 15:20	05/13/11 08:45
NUE2087-03	S-051011-MD-C-6	Soil	05/10/11 15:25	05/13/11 08:45
NUE2087-04	S-051011-MD-D-6	Soil	05/10/11 15:30	05/13/11 08:45
NUE2087-05	S-051011-MD-E-6	Soil	05/10/11 15:35	05/13/11 08:45
NUE2087-06	S-051011-MD-F-10	Soil	05/10/11 15:40	05/13/11 08:45
NUE2087-07	S-051111-MD-Bin1	Soil	05/11/11 08:00	05/13/11 08:45
NUE2087-09	Trip Blank	Soil	05/10/11 00:01	05/13/11 08:45

Case Narrative

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Job ID: NUE2087

Laboratory: TestAmerica Nashville

Narrative

***Four samples received for S-051111-MD-Bin1-Soil (NUE2087) composited into one sample. The 8260 BTEX and 8260 GRO sample prepped from the composited jar and analyzed per the COC.

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Definitions/Glossary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.

GC Volatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
R2	The RPD exceeded the acceptance limit.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.

GC Semivolatiles

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
QP5	There was insufficient contamination present to perform a pattern match.
QP7	The hydrocarbon pattern most closely resembles a motor oil product.
Z6	Surrogate recovery was below acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-A-8

Lab Sample ID: NUE2087-01

Date Collected: 05/10/11 14:30

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 85.4

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00128		mg/kg dry	☼	05/10/11 14:30	05/22/11 05:26	1.00
Ethylbenzene	ND		0.00128		mg/kg dry	☼	05/10/11 14:30	05/22/11 05:26	1.00
Toluene	ND		0.00128		mg/kg dry	☼	05/10/11 14:30	05/22/11 05:26	1.00
Xylenes, total	ND		0.00321		mg/kg dry	☼	05/10/11 14:30	05/22/11 05:26	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	86		67 - 138				05/10/11 14:30	05/22/11 05:26	1.00
Dibromofluoromethane	92		75 - 125				05/10/11 14:30	05/22/11 05:26	1.00
Toluene-d8	99		76 - 129				05/10/11 14:30	05/22/11 05:26	1.00
4-Bromofluorobenzene	105		67 - 147				05/10/11 14:30	05/22/11 05:26	1.00

Method: SW846 8270CSIM - Polyaromatic Hydrocarbons by EPA 8270C SIM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo (a) anthracene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Benzo (a) pyrene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Benzo (b) fluoranthene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Benzo (k) fluoranthene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Chrysene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Dibenz (a,h) anthracene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Indeno (1,2,3-cd) pyrene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Naphthalene	ND		0.00386		mg/kg dry	☼	05/19/11 08:20	05/23/11 15:00	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	59		17 - 120				05/19/11 08:20	05/23/11 15:00	1.00
2-Fluorobiphenyl	61		14 - 120				05/19/11 08:20	05/23/11 15:00	1.00
Terphenyl-d14	86		18 - 120				05/19/11 08:20	05/23/11 15:00	1.00

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0446		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Ethylbenzene	ND		0.0446		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Methyl tert-Butyl Ether	ND		0.446		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Naphthalene	ND		0.223		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Toluene	ND		0.0446		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Xylenes, total	ND		0.134		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C6 to C8 Ali	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C8 to C10 Ali	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C10 to C12 Ali	ND	L	4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C8 to C10 Aro	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C10 to C12 Aro	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
>C12 to C13 Aro	ND		4.46		mg/kg		05/10/11 14:30	05/13/11 18:33	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,5-Dibromotoluene (FID)	118		60 - 140				05/10/11 14:30	05/13/11 18:33	50.0
2,5-Dibromotoluene (PID)	102		60 - 140				05/10/11 14:30	05/13/11 18:33	50.0

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.29		mg/kg dry	☼	05/10/11 14:30	05/18/11 02:10	50.0

TestAmerica Nashville

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-A-8

Lab Sample ID: NUE2087-01

Date Collected: 05/10/11 14:30

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 85.4

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>a,a,a-Trifluorotoluene</i>	85		50 - 150	05/10/11 14:30	05/18/11 02:10	50.0

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:02	1.00
C8-C10 Aromatics	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:32	1.00
>C10 to C12 Ali	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:02	1.00
>C10 to C12 Aro	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:32	1.00
>C12 to C16 Ali	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:02	1.00
>C12 to C16 Aro	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:32	1.00
>C16 to C21 Ali	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:02	1.00
>C16 to C21 Aro	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:32	1.00
>C21 to C34 Ali	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:02	1.00
>C21 to C34 Aro	ND		4.83		mg/kg		05/19/11 09:30	05/23/11 21:32	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o-Terphenyl</i>	74		60 - 140	05/19/11 09:30	05/23/11 21:32	1.00
<i>2-Fluorobiphenyl</i>	77		60 - 140	05/19/11 09:30	05/23/11 21:32	1.00
<i>2-Bromonaphthalene</i>	76		60 - 140	05/19/11 09:30	05/23/11 21:32	1.00
<i>1-Chlorooctadecane</i>	71		60 - 140	05/19/11 09:30	05/23/11 21:02	1.00

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		4.64		mg/kg dry	☼	05/19/11 11:35	05/20/11 06:48	1.00
Motor Oil	31.6	QP7	4.64		mg/kg dry	☼	05/19/11 11:35	05/20/11 06:48	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o-Terphenyl</i>	52		50 - 150	05/19/11 11:35	05/20/11 06:48	1.00

Method: SW846 9071B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	89.3		50.0		mg/kg		05/13/11 10:23	05/13/11 15:52	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	85.4		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-B-6

Lab Sample ID: NUE2087-02

Date Collected: 05/10/11 15:20

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 88.7

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00210		mg/kg dry	☼	05/10/11 15:20	05/22/11 05:57	1.00
Ethylbenzene	ND		0.00210		mg/kg dry	☼	05/10/11 15:20	05/22/11 05:57	1.00
Toluene	ND		0.00210		mg/kg dry	☼	05/10/11 15:20	05/22/11 05:57	1.00
Xylenes, total	ND		0.00525		mg/kg dry	☼	05/10/11 15:20	05/22/11 05:57	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	109		67 - 138				05/10/11 15:20	05/22/11 05:57	1.00
Dibromofluoromethane	102		75 - 125				05/10/11 15:20	05/22/11 05:57	1.00
Toluene-d8	102		76 - 129				05/10/11 15:20	05/22/11 05:57	1.00
4-Bromofluorobenzene	101		67 - 147				05/10/11 15:20	05/22/11 05:57	1.00

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.19		mg/kg dry	☼	05/10/11 15:20	05/18/11 02:34	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	86		50 - 150				05/10/11 15:20	05/18/11 02:34	50.0

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	9.94	QP7	4.36		mg/kg dry	☼	05/19/11 11:35	05/20/11 07:12	1.00
Motor Oil	28.9	QP7	4.36		mg/kg dry	☼	05/19/11 11:35	05/20/11 07:12	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150				05/19/11 11:35	05/20/11 07:12	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	88.7		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-C-6

Lab Sample ID: NUE2087-03

Date Collected: 05/10/11 15:25

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 91.4

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00199		mg/kg dry	☼	05/10/11 15:25	05/22/11 06:28	1.00
Ethylbenzene	ND		0.00199		mg/kg dry	☼	05/10/11 15:25	05/22/11 06:28	1.00
Toluene	ND		0.00199		mg/kg dry	☼	05/10/11 15:25	05/22/11 06:28	1.00
Xylenes, total	ND		0.00497		mg/kg dry	☼	05/10/11 15:25	05/22/11 06:28	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		67 - 138				05/10/11 15:25	05/22/11 06:28	1.00
Dibromofluoromethane	95		75 - 125				05/10/11 15:25	05/22/11 06:28	1.00
Toluene-d8	101		76 - 129				05/10/11 15:25	05/22/11 06:28	1.00
4-Bromofluorobenzene	106		67 - 147				05/10/11 15:25	05/22/11 06:28	1.00

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.29		mg/kg dry	☼	05/10/11 15:25	05/18/11 02:58	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		50 - 150				05/10/11 15:25	05/18/11 02:58	50.0

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	4.64	QP7	4.32		mg/kg dry	☼	05/19/11 11:35	05/20/11 07:36	1.00
Motor Oil	58.8	QP7	4.32		mg/kg dry	☼	05/19/11 11:35	05/20/11 07:36	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150				05/19/11 11:35	05/20/11 07:36	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	91.4		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-D-6

Lab Sample ID: NUE2087-04

Date Collected: 05/10/11 15:30

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 91

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00197		mg/kg dry	☼	05/10/11 15:30	05/22/11 07:00	1.00
Ethylbenzene	ND		0.00197		mg/kg dry	☼	05/10/11 15:30	05/22/11 07:00	1.00
Toluene	ND		0.00197		mg/kg dry	☼	05/10/11 15:30	05/22/11 07:00	1.00
Xylenes, total	ND		0.00493		mg/kg dry	☼	05/10/11 15:30	05/22/11 07:00	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	109		67 - 138				05/10/11 15:30	05/22/11 07:00	1.00
Dibromofluoromethane	103		75 - 125				05/10/11 15:30	05/22/11 07:00	1.00
Toluene-d8	100		76 - 129				05/10/11 15:30	05/22/11 07:00	1.00
4-Bromofluorobenzene	89		67 - 147				05/10/11 15:30	05/22/11 07:00	1.00

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.54		mg/kg dry	☼	05/10/11 15:30	05/18/11 03:22	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		50 - 150				05/10/11 15:30	05/18/11 03:22	50.0

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		4.36		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:00	1.00
Motor Oil	ND		4.36		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:00	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150				05/19/11 11:35	05/20/11 08:00	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	91.0		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-E-6

Lab Sample ID: NUE2087-05

Date Collected: 05/10/11 15:35

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 92.1

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00186		mg/kg dry	☼	05/10/11 15:35	05/23/11 17:10	1.00
Ethylbenzene	ND		0.00186		mg/kg dry	☼	05/10/11 15:35	05/23/11 17:10	1.00
Toluene	ND		0.00186		mg/kg dry	☼	05/10/11 15:35	05/23/11 17:10	1.00
Xylenes, total	ND		0.00466		mg/kg dry	☼	05/10/11 15:35	05/23/11 17:10	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	109		67 - 138				05/10/11 15:35	05/23/11 17:10	1.00
Dibromofluoromethane	103		75 - 125				05/10/11 15:35	05/23/11 17:10	1.00
Toluene-d8	100		76 - 129				05/10/11 15:35	05/23/11 17:10	1.00
4-Bromofluorobenzene	95		67 - 147				05/10/11 15:35	05/23/11 17:10	1.00

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.94		mg/kg dry	☼	05/10/11 15:35	05/18/11 03:46	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		50 - 150				05/10/11 15:35	05/18/11 03:46	50.0

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		4.34		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:24	1.00
Motor Oil	5.03	QP5	4.34		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:24	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150				05/19/11 11:35	05/20/11 08:24	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	92.1		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-F-10

Lab Sample ID: NUE2087-06

Date Collected: 05/10/11 15:40

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 89.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Benzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Bromobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Bromochloromethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Bromodichloromethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Bromoform	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Bromomethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2-Dibromo-3-chloropropane	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
2-Butanone	ND		0.0514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
sec-Butylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
n-Butylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
tert-Butylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Carbon disulfide	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Carbon Tetrachloride	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Chlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Chlorodibromomethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Chloroethane	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Chloroform	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Chloromethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
2-Chlorotoluene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
4-Chlorotoluene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2-Dibromoethane (EDB)	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Dibromomethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,4-Dichlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,3-Dichlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2-Dichlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Dichlorodifluoromethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1-Dichloroethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2-Dichloroethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
cis-1,2-Dichloroethene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1-Dichloroethene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
trans-1,2-Dichloroethene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,3-Dichloropropane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2-Dichloropropane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
2,2-Dichloropropane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
cis-1,3-Dichloropropene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
trans-1,3-Dichloropropene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1-Dichloropropene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Ethylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Hexachlorobutadiene	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
2-Hexanone	ND		0.0514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Isopropylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
p-Isopropyltoluene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Methyl tert-Butyl Ether	ND	L	0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Methylene Chloride	ND		0.0103		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
4-Methyl-2-pentanone	ND		0.0514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Naphthalene	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
n-Propylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Styrene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00

TestAmerica Nashville

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-F-10

Lab Sample ID: NUE2087-06

Date Collected: 05/10/11 15:40

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 89.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1,2,2-Tetrachloroethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Tetrachloroethene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Toluene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2,3-Trichlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2,4-Trichlorobenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1,2-Trichloroethane	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,1,1-Trichloroethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Trichloroethene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Trichlorofluoromethane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2,3-Trichloropropane	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,3,5-Trimethylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
1,2,4-Trimethylbenzene	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Vinyl chloride	ND		0.00205		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Xylenes, total	ND		0.00514		mg/kg dry	☼	05/10/11 15:40	05/23/11 17:41	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		67 - 138				05/10/11 15:40	05/23/11 17:41	1.00
Dibromofluoromethane	93		75 - 125				05/10/11 15:40	05/23/11 17:41	1.00
Toluene-d8	101		76 - 129				05/10/11 15:40	05/23/11 17:41	1.00
4-Bromofluorobenzene	100		67 - 147				05/10/11 15:40	05/23/11 17:41	1.00

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.64		mg/kg dry	☼	05/10/11 15:40	05/18/11 04:10	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	84		50 - 150				05/10/11 15:40	05/18/11 04:10	50.0

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	4.91	QP7	4.46		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:48	1.00
Motor Oil	16.2	QP7	4.46		mg/kg dry	☼	05/19/11 11:35	05/20/11 08:48	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150				05/19/11 11:35	05/20/11 08:48	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1221	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1232	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1242	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1248	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1254	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
PCB-1260	ND		0.0362		mg/kg dry	☼	05/16/11 09:50	05/19/11 05:39	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147				05/16/11 09:50	05/19/11 05:39	1.00
Decachlorobiphenyl	72		20 - 150				05/16/11 09:50	05/19/11 05:39	1.00

TestAmerica Nashville

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-F-10

Lab Sample ID: NUE2087-06

Date Collected: 05/10/11 15:40

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 89.3

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	89.3		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051111-MD-Bin1

Lab Sample ID: NUE2087-07

Date Collected: 05/11/11 08:00

Matrix: Soil

Date Received: 05/13/11 08:45

Percent Solids: 92.5

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		0.420		mg/kg dry	☼	05/23/11 15:50	05/23/11 19:32	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	84		67 - 138				05/23/11 15:50	05/23/11 19:32	1.00
Dibromofluoromethane	95		75 - 125				05/23/11 15:50	05/23/11 19:32	1.00
Toluene-d8	84		76 - 129				05/23/11 15:50	05/23/11 19:32	1.00
4-Bromofluorobenzene	87		67 - 147				05/23/11 15:50	05/23/11 19:32	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00210		mg/kg dry	☼	05/23/11 15:50	05/23/11 19:32	1.00
Ethylbenzene	ND		0.00210		mg/kg dry	☼	05/23/11 15:50	05/23/11 19:32	1.00
Toluene	ND		0.00210		mg/kg dry	☼	05/23/11 15:50	05/23/11 19:32	1.00
Xylenes, total	ND		0.00525		mg/kg dry	☼	05/23/11 15:50	05/23/11 19:32	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		67 - 138				05/23/11 15:50	05/23/11 19:32	1.00
Dibromofluoromethane	99		75 - 125				05/23/11 15:50	05/23/11 19:32	1.00
Toluene-d8	91		76 - 129				05/23/11 15:50	05/23/11 19:32	1.00
4-Bromofluorobenzene	95		67 - 147				05/23/11 15:50	05/23/11 19:32	1.00

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		5.35		mg/kg dry	☼	05/13/11 14:15	05/15/11 06:11	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	56		53 - 140				05/13/11 14:15	05/15/11 06:11	1.00

Method: SW846 1311/6010B - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Arsenic	ND		0.100		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Barium	0.407		0.100		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Cadmium	ND		0.0100		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Lead	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Selenium	ND		0.100		mg/L		05/16/11 08:09	05/16/11 15:18	1.00
Silver	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 15:18	1.00

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100		mg/L		05/16/11 12:05	05/17/11 13:30	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	92.5		0.500		%		05/20/11 16:49	05/23/11 14:57	1.00

TestAmerica Nashville

Client Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: Trip Blank

Lab Sample ID: NUE2087-09

Date Collected: 05/10/11 00:01

Matrix: Soil

Date Received: 05/13/11 08:45

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100		mg/kg wet		05/10/11 00:01	05/23/11 14:31	50.0
Ethylbenzene	ND		0.100		mg/kg wet		05/10/11 00:01	05/23/11 14:31	50.0
Toluene	ND		0.100		mg/kg wet		05/10/11 00:01	05/23/11 14:31	50.0
Xylenes, total	ND		0.250		mg/kg wet		05/10/11 00:01	05/23/11 14:31	50.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	113		67 - 138	05/10/11 00:01	05/23/11 14:31	50.0
Dibromofluoromethane	104		75 - 125	05/10/11 00:01	05/23/11 14:31	50.0
Toluene-d8	100		76 - 129	05/10/11 00:01	05/23/11 14:31	50.0
4-Bromofluorobenzene	105		67 - 147	05/10/11 00:01	05/23/11 14:31	50.0

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.00		mg/kg wet		05/10/11 00:01	05/17/11 14:53	50.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	87		50 - 150	05/10/11 00:01	05/17/11 14:53	50.0

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11E4507-BLK1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BLK1

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		0.400		mg/kg wet		05/18/11 08:28	05/23/11 14:13	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	88		67 - 138	05/18/11 08:28	05/23/11 14:13	1.00
Dibromofluoromethane	100		75 - 125	05/18/11 08:28	05/23/11 14:13	1.00
Toluene-d8	84		76 - 129	05/18/11 08:28	05/23/11 14:13	1.00
4-Bromofluorobenzene	86		67 - 147	05/18/11 08:28	05/23/11 14:13	1.00

Lab Sample ID: 11E4507-BLK2

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BLK2

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		20.0		mg/kg wet		05/18/11 08:28	05/23/11 13:42	50.0

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		67 - 138	05/18/11 08:28	05/23/11 13:42	50.0
Dibromofluoromethane	103		75 - 125	05/18/11 08:28	05/23/11 13:42	50.0
Toluene-d8	83		76 - 129	05/18/11 08:28	05/23/11 13:42	50.0
4-Bromofluorobenzene	88		67 - 147	05/18/11 08:28	05/23/11 13:42	50.0

Lab Sample ID: 11E4507-BS2

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BS2

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics	2000	1870		ug/kg		94	67 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	90		67 - 138
Dibromofluoromethane	101		75 - 125
Toluene-d8	88		76 - 129
4-Bromofluorobenzene	87		67 - 147

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 11E4507-BLK1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BLK1

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200		mg/kg wet		05/18/11 08:28	05/23/11 14:13	1.00
Ethylbenzene	ND		0.00200		mg/kg wet		05/18/11 08:28	05/23/11 14:13	1.00
Toluene	ND		0.00200		mg/kg wet		05/18/11 08:28	05/23/11 14:13	1.00
Xylenes, total	ND		0.00500		mg/kg wet		05/18/11 08:28	05/23/11 14:13	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		67 - 138	05/18/11 08:28	05/23/11 14:13	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E4507-BLK1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BLK1

Prep Type: Total

Prep Batch: 11E4507_P

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		75 - 125	05/18/11 08:28	05/23/11 14:13	1.00
Toluene-d8	91		76 - 129	05/18/11 08:28	05/23/11 14:13	1.00
4-Bromofluorobenzene	94		67 - 147	05/18/11 08:28	05/23/11 14:13	1.00

Lab Sample ID: 11E4507-BLK2

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BLK2

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100		mg/kg wet		05/18/11 08:28	05/23/11 13:42	50.0
Ethylbenzene	ND		0.100		mg/kg wet		05/18/11 08:28	05/23/11 13:42	50.0
Toluene	ND		0.100		mg/kg wet		05/18/11 08:28	05/23/11 13:42	50.0
Xylenes, total	ND		0.250		mg/kg wet		05/18/11 08:28	05/23/11 13:42	50.0

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		67 - 138	05/18/11 08:28	05/23/11 13:42	50.0
Dibromofluoromethane	107		75 - 125	05/18/11 08:28	05/23/11 13:42	50.0
Toluene-d8	90		76 - 129	05/18/11 08:28	05/23/11 13:42	50.0
4-Bromofluorobenzene	96		67 - 147	05/18/11 08:28	05/23/11 13:42	50.0

Lab Sample ID: 11E4507-BS1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: 11E4507-BS1

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	57.9		ug/kg		116	78 - 126
Ethylbenzene	50.0	51.7		ug/kg		103	79 - 130
Toluene	50.0	51.6		ug/kg		103	76 - 126
Xylenes, total	150	154		ug/kg		103	80 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	101		67 - 138
Dibromofluoromethane	104		75 - 125
Toluene-d8	94		76 - 129
4-Bromofluorobenzene	93		67 - 147

Lab Sample ID: 11E4507-MS1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: NUE2256-01

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	ND		0.0532	0.0560		mg/kg dry	☼	105	42 - 141
Ethylbenzene	ND		0.0532	0.0449		mg/kg dry	☼	84	21 - 165
Toluene	ND		0.0532	0.0463		mg/kg dry	☼	87	45 - 145
Xylenes, total	ND		0.159	0.132		mg/kg dry	☼	83	31 - 159

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	98		67 - 138

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E4507-MS1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: NUE2256-01

Prep Type: Total

Prep Batch: 11E4507_P

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
Dibromofluoromethane	106		75 - 125
Toluene-d8	90		76 - 129
4-Bromofluorobenzene	92		67 - 147

Lab Sample ID: 11E4507-MSD1

Matrix: Soil

Analysis Batch: U009074

Client Sample ID: NUE2256-01

Prep Type: Total

Prep Batch: 11E4507_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	ND		0.0509	0.0523		mg/kg dry	☼	103	42 - 141	7	50
Ethylbenzene	ND		0.0509	0.0411		mg/kg dry	☼	81	21 - 165	9	50
Toluene	ND		0.0509	0.0422		mg/kg dry	☼	83	45 - 145	9	50
Xylenes, total	ND		0.153	0.121		mg/kg dry	☼	79	31 - 159	9	50

Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	107		67 - 138
Dibromofluoromethane	106		75 - 125
Toluene-d8	88		76 - 129
4-Bromofluorobenzene	92		67 - 147

Lab Sample ID: 11E5788-BLK1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BLK1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Benzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Benzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Bromobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Ethylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Bromochloromethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Toluene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Bromodichloromethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Bromoform	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Xylenes, total	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Bromomethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
2-Butanone	ND		0.0500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
sec-Butylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
n-Butylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
tert-Butylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Carbon disulfide	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Carbon Tetrachloride	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Chlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Chlorodibromomethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Chloroethane	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Chloroform	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Chloromethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
2-Chlorotoluene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BLK1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BLK1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dibromoethane (EDB)	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Dibromomethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,4-Dichlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,3-Dichlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dichlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Dichlorodifluoromethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1-Dichloroethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dichloroethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
cis-1,2-Dichloroethene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1-Dichloroethene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
trans-1,2-Dichloroethene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,3-Dichloropropane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dichloropropane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
2,2-Dichloropropane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
cis-1,3-Dichloropropene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
trans-1,3-Dichloropropene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1-Dichloropropene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Ethylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Hexachlorobutadiene	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
2-Hexanone	ND		0.0500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Isopropylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
p-Isopropyltoluene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Methyl tert-Butyl Ether	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Methylene Chloride	ND		0.0100		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
4-Methyl-2-pentanone	ND		0.0500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Naphthalene	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
n-Propylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Styrene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1,1,2-Tetrachloroethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Tetrachloroethene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Toluene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2,3-Trichlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2,4-Trichlorobenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1,2-Trichloroethane	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,1,1-Trichloroethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Trichloroethene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Trichlorofluoromethane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2,3-Trichloropropane	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,3,5-Trimethylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
1,2,4-Trimethylbenzene	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Vinyl chloride	ND		0.00200		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00
Xylenes, total	ND		0.00500		mg/kg wet		05/23/11 09:39	05/23/11 13:28	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		67 - 138	05/23/11 09:39	05/23/11 13:28	1.00
1,2-Dichloroethane-d4	100		67 - 138	05/23/11 09:39	05/23/11 13:28	1.00
Dibromofluoromethane	96		75 - 125	05/23/11 09:39	05/23/11 13:28	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BLK1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BLK1

Prep Type: Total

Prep Batch: 11E5788_P

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		75 - 125	05/23/11 09:39	05/23/11 13:28	1.00
Toluene-d8	100		76 - 129	05/23/11 09:39	05/23/11 13:28	1.00
Toluene-d8	100		76 - 129	05/23/11 09:39	05/23/11 13:28	1.00
4-Bromofluorobenzene	91		67 - 147	05/23/11 09:39	05/23/11 13:28	1.00
4-Bromofluorobenzene	91		67 - 147	05/23/11 09:39	05/23/11 13:28	1.00

Lab Sample ID: 11E5788-BLK2

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BLK2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Benzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Benzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Bromobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Ethylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Bromochloromethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Toluene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Bromodichloromethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Bromoform	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Xylenes, total	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Bromomethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dibromo-3-chloropropane	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
2-Butanone	ND		2.50		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
sec-Butylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
n-Butylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
tert-Butylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Carbon disulfide	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Carbon Tetrachloride	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Chlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Chlorodibromomethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Chloroethane	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Chloroform	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Chloromethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
2-Chlorotoluene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
4-Chlorotoluene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dibromoethane (EDB)	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Dibromomethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,4-Dichlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,3-Dichlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dichlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Dichlorodifluoromethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1-Dichloroethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dichloroethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
cis-1,2-Dichloroethene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1-Dichloroethene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
trans-1,2-Dichloroethene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,3-Dichloropropane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dichloropropane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BLK2

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BLK2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
cis-1,3-Dichloropropene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
trans-1,3-Dichloropropene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1-Dichloropropene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Ethylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Hexachlorobutadiene	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
2-Hexanone	ND		2.50		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Isopropylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
p-Isopropyltoluene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Methyl tert-Butyl Ether	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Methylene Chloride	ND		0.500		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
4-Methyl-2-pentanone	ND		2.50		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Naphthalene	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
n-Propylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Styrene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1,1,2-Tetrachloroethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1,2,2-Tetrachloroethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Tetrachloroethene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Toluene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2,3-Trichlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2,4-Trichlorobenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1,2-Trichloroethane	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,1,1-Trichloroethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Trichloroethene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Trichlorofluoromethane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2,3-Trichloropropane	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,3,5-Trimethylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
1,2,4-Trimethylbenzene	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Vinyl chloride	ND		0.100		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0
Xylenes, total	ND		0.250		mg/kg wet		05/23/11 09:39	05/23/11 14:00	50.0

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	110		67 - 138	05/23/11 09:39	05/23/11 14:00	50.0
1,2-Dichloroethane-d4	110		67 - 138	05/23/11 09:39	05/23/11 14:00	50.0
Dibromofluoromethane	111		75 - 125	05/23/11 09:39	05/23/11 14:00	50.0
Dibromofluoromethane	111		75 - 125	05/23/11 09:39	05/23/11 14:00	50.0
Toluene-d8	97		76 - 129	05/23/11 09:39	05/23/11 14:00	50.0
Toluene-d8	97		76 - 129	05/23/11 09:39	05/23/11 14:00	50.0
4-Bromofluorobenzene	86		67 - 147	05/23/11 09:39	05/23/11 14:00	50.0
4-Bromofluorobenzene	86		67 - 147	05/23/11 09:39	05/23/11 14:00	50.0

Lab Sample ID: 11E5788-BS1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BS1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	250	258		ug/kg		103	60 - 150
Benzene	50.0	51.2		ug/kg		102	78 - 126
Benzene	50.0	51.2		ug/kg		102	78 - 126

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BS1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BS1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Bromobenzene	50.0	50.3		ug/kg		101	79 - 126
Ethylbenzene	50.0	53.2		ug/kg		106	79 - 130
Bromochloromethane	50.0	48.8		ug/kg		98	78 - 126
Toluene	50.0	53.3		ug/kg		107	76 - 126
Bromodichloromethane	50.0	50.0		ug/kg		100	75 - 129
Bromoform	50.0	42.2		ug/kg		84	74 - 133
Xylenes, total	150	158		ug/kg		105	80 - 130
Bromomethane	50.0	51.1		ug/kg		102	50 - 150
1,2-Dibromo-3-chloropropane	50.0	45.1		ug/kg		90	62 - 150
2-Butanone	250	278		ug/kg		111	68 - 149
sec-Butylbenzene	50.0	51.4		ug/kg		103	76 - 135
n-Butylbenzene	50.0	56.2		ug/kg		112	73 - 143
tert-Butylbenzene	50.0	54.9		ug/kg		110	80 - 129
Carbon disulfide	50.0	47.2		ug/kg		94	80 - 132
Carbon Tetrachloride	50.0	50.7		ug/kg		101	70 - 138
Chlorobenzene	50.0	53.0		ug/kg		106	80 - 123
Chlorodibromomethane	50.0	44.7		ug/kg		89	80 - 127
Chloroethane	50.0	44.8		ug/kg		90	55 - 150
Chloroform	50.0	50.0		ug/kg		100	70 - 127
Chloromethane	50.0	43.5		ug/kg		87	36 - 137
2-Chlorotoluene	50.0	52.2		ug/kg		104	80 - 130
4-Chlorotoluene	50.0	53.3		ug/kg		107	77 - 132
1,2-Dibromoethane (EDB)	50.0	56.3		ug/kg		113	80 - 131
Dibromomethane	50.0	49.8		ug/kg		100	78 - 128
1,4-Dichlorobenzene	50.0	55.2		ug/kg		110	80 - 129
1,3-Dichlorobenzene	50.0	52.5		ug/kg		105	80 - 131
1,2-Dichlorobenzene	50.0	53.9		ug/kg		108	80 - 127
Dichlorodifluoromethane	50.0	24.0		ug/kg		48	30 - 150
1,1-Dichloroethane	50.0	48.5		ug/kg		97	71 - 126
1,2-Dichloroethane	50.0	50.6		ug/kg		101	70 - 139
cis-1,2-Dichloroethene	50.0	51.1		ug/kg		102	75 - 126
1,1-Dichloroethene	50.0	48.9		ug/kg		98	70 - 125
trans-1,2-Dichloroethene	50.0	52.7		ug/kg		105	73 - 128
1,3-Dichloropropane	50.0	55.2		ug/kg		110	79 - 128
1,2-Dichloropropane	50.0	47.4		ug/kg		95	75 - 120
2,2-Dichloropropane	50.0	51.2		ug/kg		102	60 - 139
cis-1,3-Dichloropropene	50.0	51.8		ug/kg		104	74 - 136
trans-1,3-Dichloropropene	50.0	47.7		ug/kg		95	73 - 128
1,1-Dichloropropene	50.0	54.3		ug/kg		109	78 - 125
Ethylbenzene	50.0	53.2		ug/kg		106	79 - 130
Hexachlorobutadiene	50.0	55.0		ug/kg		110	75 - 150
2-Hexanone	250	286		ug/kg		114	65 - 150
Isopropylbenzene	50.0	57.3		ug/kg		115	65 - 121
p-Isopropyltoluene	50.0	53.2		ug/kg		106	76 - 133
Methyl tert-Butyl Ether	50.0	59.8		ug/kg		120	70 - 128
Methylene Chloride	50.0	51.7		ug/kg		103	69 - 140
4-Methyl-2-pentanone	250	286		ug/kg		114	67 - 147
Naphthalene	50.0	55.4		ug/kg		111	72 - 150
n-Propylbenzene	50.0	51.4		ug/kg		103	76 - 133
Styrene	50.0	52.5		ug/kg		105	80 - 140

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BS1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BS1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.2		ug/kg		94	80 - 132
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/kg		106	75 - 135
Tetrachloroethene	50.0	56.0		ug/kg		112	76 - 130
Toluene	50.0	53.3		ug/kg		107	76 - 126
1,2,3-Trichlorobenzene	50.0	56.8		ug/kg		114	75 - 150
1,2,4-Trichlorobenzene	50.0	61.5		ug/kg		123	64 - 150
1,1,2-Trichloroethane	50.0	55.9		ug/kg		112	73 - 133
1,1,1-Trichloroethane	50.0	50.2		ug/kg		100	70 - 132
Trichloroethene	50.0	53.4		ug/kg		107	79 - 129
Trichlorofluoromethane	50.0	47.0		ug/kg		94	52 - 148
1,2,3-Trichloropropane	50.0	53.8		ug/kg		108	70 - 125
1,3,5-Trimethylbenzene	50.0	53.6		ug/kg		107	80 - 134
1,2,4-Trimethylbenzene	50.0	53.7		ug/kg		107	80 - 132
Vinyl chloride	50.0	34.4		ug/kg		69	53 - 142
Xylenes, total	150	158		ug/kg		105	80 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	98		67 - 138
1,2-Dichloroethane-d4	98		67 - 138
Dibromofluoromethane	97		75 - 125
Dibromofluoromethane	97		75 - 125
Toluene-d8	100		76 - 129
Toluene-d8	100		76 - 129
4-Bromofluorobenzene	98		67 - 147
4-Bromofluorobenzene	98		67 - 147

Lab Sample ID: 11E5788-BSD1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BSD1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Acetone	250	269		ug/kg		108	60 - 150	4	50
Benzene	50.0	55.7		ug/kg		111	78 - 126	8	50
Benzene	50.0	55.7		ug/kg		111	78 - 126	8	50
Bromobenzene	50.0	45.6		ug/kg		91	79 - 126	10	50
Ethylbenzene	50.0	52.9		ug/kg		106	79 - 130	0.7	50
Bromochloromethane	50.0	54.5		ug/kg		109	78 - 126	11	50
Toluene	50.0	53.2		ug/kg		106	76 - 126	0.2	50
Bromodichloromethane	50.0	54.0		ug/kg		108	75 - 129	8	50
Bromoform	50.0	40.9		ug/kg		82	74 - 133	3	43
Xylenes, total	150	157		ug/kg		105	80 - 130	0.6	50
Bromomethane	50.0	52.2		ug/kg		104	50 - 150	2	46
1,2-Dibromo-3-chloropropane	50.0	38.4		ug/kg		77	62 - 150	16	45
2-Butanone	250	300		ug/kg		120	68 - 149	7	50
sec-Butylbenzene	50.0	51.9		ug/kg		104	76 - 135	1	50
n-Butylbenzene	50.0	56.6		ug/kg		113	73 - 143	0.8	50
tert-Butylbenzene	50.0	50.2		ug/kg		100	80 - 129	9	50
Carbon disulfide	50.0	50.9		ug/kg		102	80 - 132	7	48
Carbon Tetrachloride	50.0	55.5		ug/kg		111	70 - 138	9	44

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BSD1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BSD1

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Chlorobenzene	50.0	53.0		ug/kg		106	80 - 123	0.04		50
Chlorodibromomethane	50.0	44.5		ug/kg		89	80 - 127	0.4		48
Chloroethane	50.0	50.6		ug/kg		101	55 - 150	12		50
Chloroform	50.0	54.0		ug/kg		108	70 - 127	8		50
Chloromethane	50.0	47.4		ug/kg		95	36 - 137	9		44
2-Chlorotoluene	50.0	47.5		ug/kg		95	80 - 130	9		50
4-Chlorotoluene	50.0	48.8		ug/kg		98	77 - 132	9		50
1,2-Dibromoethane (EDB)	50.0	55.8		ug/kg		112	80 - 131	0.9		45
Dibromomethane	50.0	54.7		ug/kg		109	78 - 128	9		50
1,4-Dichlorobenzene	50.0	54.7		ug/kg		109	80 - 129	0.9		50
1,3-Dichlorobenzene	50.0	52.5		ug/kg		105	80 - 131	0.1		50
1,2-Dichlorobenzene	50.0	52.7		ug/kg		105	80 - 127	2		50
Dichlorodifluoromethane	50.0	25.2		ug/kg		50	30 - 150	5		50
1,1-Dichloroethane	50.0	52.7		ug/kg		105	71 - 126	8		50
1,2-Dichloroethane	50.0	55.0		ug/kg		110	70 - 139	8		50
cis-1,2-Dichloroethene	50.0	55.4		ug/kg		111	75 - 126	8		50
1,1-Dichloroethene	50.0	54.5		ug/kg		109	70 - 125	11		50
trans-1,2-Dichloroethene	50.0	57.0		ug/kg		114	73 - 128	8		40
1,3-Dichloropropane	50.0	54.8		ug/kg		110	79 - 128	0.6		42
1,2-Dichloropropane	50.0	51.0		ug/kg		102	75 - 120	7		50
2,2-Dichloropropane	50.0	54.4		ug/kg		109	60 - 139	6		39
cis-1,3-Dichloropropene	50.0	51.1		ug/kg		102	74 - 136	2		50
trans-1,3-Dichloropropene	50.0	47.0		ug/kg		94	73 - 128	2		48
1,1-Dichloropropene	50.0	59.1		ug/kg		118	78 - 125	8		50
Ethylbenzene	50.0	52.9		ug/kg		106	79 - 130	0.7		50
Hexachlorobutadiene	50.0	51.4		ug/kg		103	75 - 150	7		50
2-Hexanone	250	275		ug/kg		110	65 - 150	4		50
Isopropylbenzene	50.0	56.6		ug/kg		113	65 - 121	1		50
p-Isopropyltoluene	50.0	53.5		ug/kg		107	76 - 133	0.6		50
Methyl tert-Butyl Ether	50.0	65.4	L	ug/kg		131	70 - 128	9		50
Methylene Chloride	50.0	54.5		ug/kg		109	69 - 140	5		50
4-Methyl-2-pentanone	250	277		ug/kg		111	67 - 147	3		45
Naphthalene	50.0	50.2		ug/kg		100	72 - 150	10		50
n-Propylbenzene	50.0	46.8		ug/kg		94	76 - 133	9		50
Styrene	50.0	52.1		ug/kg		104	80 - 140	0.8		50
1,1,1,2-Tetrachloroethane	50.0	47.0		ug/kg		94	80 - 132	0.3		50
1,1,2,2-Tetrachloroethane	50.0	48.8		ug/kg		98	75 - 135	8		45
Tetrachloroethene	50.0	56.2		ug/kg		112	76 - 130	0.4		50
Toluene	50.0	53.2		ug/kg		106	76 - 126	0.2		50
1,2,3-Trichlorobenzene	50.0	52.8		ug/kg		106	75 - 150	7		50
1,2,4-Trichlorobenzene	50.0	56.3		ug/kg		113	64 - 150	9		50
1,1,2-Trichloroethane	50.0	56.0		ug/kg		112	73 - 133	0.2		50
1,1,1-Trichloroethane	50.0	54.3		ug/kg		109	70 - 132	8		41
Trichloroethene	50.0	58.6		ug/kg		117	79 - 129	9		50
Trichlorofluoromethane	50.0	52.7		ug/kg		105	52 - 148	11		47
1,2,3-Trichloropropane	50.0	48.2		ug/kg		96	70 - 125	11		47
1,3,5-Trimethylbenzene	50.0	48.6		ug/kg		97	80 - 134	10		50
1,2,4-Trimethylbenzene	50.0	49.1		ug/kg		98	80 - 132	9		50
Vinyl chloride	50.0	35.9		ug/kg		72	53 - 142	4		39
Xylenes, total	150	157		ug/kg		105	80 - 130	0.6		50

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-BSD1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: 11E5788-BSD1

Prep Type: Total

Prep Batch: 11E5788_P

Surrogate	LCS Dup % Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	108		67 - 138
1,2-Dichloroethane-d4	108		67 - 138
Dibromofluoromethane	109		75 - 125
Dibromofluoromethane	109		75 - 125
Toluene-d8	100		76 - 129
Toluene-d8	100		76 - 129
4-Bromofluorobenzene	88		67 - 147
4-Bromofluorobenzene	88		67 - 147

Lab Sample ID: 11E5788-MS1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: NUE2362-18RE2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	ND		12.0	19.9		mg/kg wet		166	29 - 181
Benzene	ND		2.40	2.40		mg/kg wet		100	42 - 141
Benzene	ND		2.40	2.40		mg/kg wet		100	42 - 141
Bromobenzene	ND		2.40	2.40		mg/kg wet		100	19 - 154
Ethylbenzene	ND		2.40	2.61		mg/kg wet		109	21 - 165
Bromochloromethane	ND		2.40	2.33		mg/kg wet		97	41 - 146
Toluene	ND		2.40	2.53		mg/kg wet		105	45 - 145
Bromodichloromethane	ND		2.40	1.92		mg/kg wet		80	32 - 155
Bromoform	ND		2.40	1.45		mg/kg wet		60	10 - 155
Xylenes, total	ND		7.20	7.99		mg/kg wet		111	31 - 159
Bromomethane	ND		2.40	0.602		mg/kg wet		25	10 - 199
1,2-Dibromo-3-chloropropane	ND		2.40	1.52		mg/kg wet		64	10 - 167
2-Butanone	ND		12.0	15.3		mg/kg wet		128	38 - 161
sec-Butylbenzene	ND		2.40	2.52		mg/kg wet		105	10 - 170
n-Butylbenzene	ND		2.40	2.73		mg/kg wet		114	10 - 183
tert-Butylbenzene	ND		2.40	2.43		mg/kg wet		101	11 - 165
Carbon disulfide	ND		2.40	1.88		mg/kg wet		79	50 - 136
Carbon Tetrachloride	ND		2.40	2.02		mg/kg wet		84	30 - 159
Chlorobenzene	ND		2.40	2.49		mg/kg wet		104	25 - 151
Chlorodibromomethane	ND		2.40	1.62		mg/kg wet		67	27 - 150
Chloroethane	ND		2.40	0.558		mg/kg wet		23	15 - 197
Chloroform	ND		2.40	2.24		mg/kg wet		93	33 - 148
Chloromethane	ND		2.40	0.118	M8	mg/kg wet		5	10 - 166
2-Chlorotoluene	ND		2.40	2.46		mg/kg wet		103	25 - 166
4-Chlorotoluene	ND		2.40	2.32		mg/kg wet		97	19 - 163
1,2-Dibromoethane (EDB)	ND		2.40	2.56		mg/kg wet		107	30 - 155
Dibromomethane	ND		2.40	2.25		mg/kg wet		94	30 - 149
1,4-Dichlorobenzene	ND		2.40	2.68		mg/kg wet		112	10 - 170
1,3-Dichlorobenzene	ND		2.40	2.56		mg/kg wet		107	10 - 173
1,2-Dichlorobenzene	ND		2.40	2.58		mg/kg wet		107	10 - 168
Dichlorodifluoromethane	ND		2.40	1.21		mg/kg wet		50	10 - 188
1,1-Dichloroethane	ND		2.40	2.29		mg/kg wet		95	51 - 135
1,2-Dichloroethane	ND		2.40	2.35		mg/kg wet		98	32 - 155
cis-1,2-Dichloroethene	ND		2.40	2.33		mg/kg wet		97	32 - 150
1,1-Dichloroethene	ND		2.40	2.38		mg/kg wet		99	46 - 141

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-MS1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: NUE2362-18RE2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,2-Dichloroethene	ND		2.40	2.47		mg/kg wet		103	41 - 146
1,3-Dichloropropane	ND		2.40	2.53		mg/kg wet		106	35 - 148
1,2-Dichloropropane	ND		2.40	2.23		mg/kg wet		93	34 - 139
2,2-Dichloropropane	ND		2.40	2.47		mg/kg wet		103	29 - 152
cis-1,3-Dichloropropene	ND		2.40	2.46		mg/kg wet		103	23 - 152
trans-1,3-Dichloropropene	ND		2.40	2.31		mg/kg wet		96	24 - 151
1,1-Dichloropropene	ND		2.40	2.57		mg/kg wet		107	40 - 151
Ethylbenzene	ND		2.40	2.61		mg/kg wet		109	21 - 165
Hexachlorobutadiene	ND		2.40	2.48		mg/kg wet		103	10 - 173
2-Hexanone	ND		12.0	13.9		mg/kg wet		116	13 - 174
Isopropylbenzene	ND		2.40	2.73		mg/kg wet		114	20 - 139
p-Isopropyltoluene	ND		2.40	2.61		mg/kg wet		109	10 - 164
Methyl tert-Butyl Ether	ND		2.40	2.89		mg/kg wet		121	34 - 154
Methylene Chloride	ND		2.40	2.34		mg/kg wet		98	36 - 163
4-Methyl-2-pentanone	ND		12.0	12.6		mg/kg wet		105	19 - 176
Naphthalene	ND		2.40	2.38		mg/kg wet		99	10 - 160
n-Propylbenzene	ND		2.40	2.54		mg/kg wet		106	16 - 174
Styrene	ND		2.40	2.47		mg/kg wet		103	10 - 177
1,1,1,2-Tetrachloroethane	ND		2.40	1.96		mg/kg wet		82	31 - 150
1,1,2,2-Tetrachloroethane	ND		2.40	2.36		mg/kg wet		98	27 - 163
Tetrachloroethene	ND		2.40	2.66		mg/kg wet		111	33 - 155
Toluene	ND		2.40	2.53		mg/kg wet		105	45 - 145
1,2,3-Trichlorobenzene	ND		2.40	2.57		mg/kg wet		107	10 - 182
1,2,4-Trichlorobenzene	ND		2.40	2.90		mg/kg wet		121	10 - 175
1,1,2-Trichloroethane	ND		2.40	2.54		mg/kg wet		106	43 - 145
1,1,1-Trichloroethane	ND		2.40	2.27		mg/kg wet		95	39 - 148
Trichloroethene	ND		2.40	2.57		mg/kg wet		107	39 - 150
Trichlorofluoromethane	ND		2.40	1.26		mg/kg wet		53	25 - 174
1,2,3-Trichloropropane	ND		2.40	2.49		mg/kg wet		104	10 - 152
1,3,5-Trimethylbenzene	ND		2.40	2.36		mg/kg wet		98	38 - 148
1,2,4-Trimethylbenzene	ND		2.40	2.37		mg/kg wet		99	22 - 164
Vinyl chloride	ND		2.40	0.794		mg/kg wet		33	32 - 163
Xylenes, total	ND		7.20	7.99		mg/kg wet		111	31 - 159

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	95		67 - 138
1,2-Dichloroethane-d4	95		67 - 138
Dibromofluoromethane	92		75 - 125
Dibromofluoromethane	92		75 - 125
Toluene-d8	100		76 - 129
Toluene-d8	100		76 - 129
4-Bromofluorobenzene	101		67 - 147
4-Bromofluorobenzene	101		67 - 147

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-MSD1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: NUE2362-18RE2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Acetone	ND		12.0	19.3		mg/kg wet		161	29 - 181	3	50	
Benzene	ND		2.40	2.22		mg/kg wet		93	42 - 141	8	50	
Benzene	ND		2.40	2.22		mg/kg wet		93	42 - 141	8	50	
Bromobenzene	ND		2.40	2.37		mg/kg wet		99	19 - 154	1	50	
Ethylbenzene	ND		2.40	2.60		mg/kg wet		108	21 - 165	0.3	50	
Bromochloromethane	ND		2.40	2.34		mg/kg wet		97	41 - 146	0.6	50	
Toluene	ND		2.40	2.59		mg/kg wet		108	45 - 145	2	50	
Bromodichloromethane	ND		2.40	1.72		mg/kg wet		72	32 - 155	11	50	
Bromoform	ND		2.40	1.50		mg/kg wet		62	10 - 155	4	43	
Xylenes, total	ND		7.20	7.97		mg/kg wet		111	31 - 159	0.3	50	
Bromomethane	ND		2.40	1.57	R2	mg/kg wet		65	10 - 199	89	46	
1,2-Dibromo-3-chloropropane	ND		2.40	1.55		mg/kg wet		64	10 - 167	1	45	
2-Butanone	ND		12.0	12.8		mg/kg wet		106	38 - 161	18	50	
sec-Butylbenzene	ND		2.40	2.40		mg/kg wet		100	10 - 170	5	50	
n-Butylbenzene	ND		2.40	2.70		mg/kg wet		112	10 - 183	1	50	
tert-Butylbenzene	ND		2.40	2.61		mg/kg wet		109	11 - 165	7	50	
Carbon disulfide	ND		2.40	2.11		mg/kg wet		88	50 - 136	12	48	
Carbon Tetrachloride	ND		2.40	1.91		mg/kg wet		80	30 - 159	5	44	
Chlorobenzene	ND		2.40	2.53		mg/kg wet		106	25 - 151	2	50	
Chlorodibromomethane	ND		2.40	1.61		mg/kg wet		67	27 - 150	0.4	48	
Chloroethane	ND		2.40	1.21	R2	mg/kg wet		51	15 - 197	74	50	
Chloroform	ND		2.40	2.24		mg/kg wet		93	33 - 148	0.2	50	
Chloromethane	ND		2.40	3.12	R2	mg/kg wet		130	10 - 166	185	44	
2-Chlorotoluene	ND		2.40	2.52		mg/kg wet		105	25 - 166	2	50	
4-Chlorotoluene	ND		2.40	2.71		mg/kg wet		113	19 - 163	15	50	
1,2-Dibromoethane (EDB)	ND		2.40	2.51		mg/kg wet		104	30 - 155	2	45	
Dibromomethane	ND		2.40	2.14		mg/kg wet		89	30 - 149	5	50	
1,4-Dichlorobenzene	ND		2.40	2.61		mg/kg wet		109	10 - 170	3	50	
1,3-Dichlorobenzene	ND		2.40	2.46		mg/kg wet		103	10 - 173	4	50	
1,2-Dichlorobenzene	ND		2.40	2.53		mg/kg wet		106	10 - 168	2	50	
Dichlorodifluoromethane	ND		2.40	2.14	R2	mg/kg wet		89	10 - 188	56	50	
1,1-Dichloroethane	ND		2.40	2.37		mg/kg wet		99	51 - 135	4	50	
1,2-Dichloroethane	ND		2.40	2.10		mg/kg wet		88	32 - 155	11	50	
cis-1,2-Dichloroethene	ND		2.40	2.26		mg/kg wet		94	32 - 150	3	50	
1,1-Dichloroethene	ND		2.40	2.59		mg/kg wet		108	46 - 141	8	50	
trans-1,2-Dichloroethene	ND		2.40	2.41		mg/kg wet		101	41 - 146	2	40	
1,3-Dichloropropane	ND		2.40	2.44		mg/kg wet		102	35 - 148	4	42	
1,2-Dichloropropane	ND		2.40	2.03		mg/kg wet		84	34 - 139	10	50	
2,2-Dichloropropane	ND		2.40	2.29		mg/kg wet		95	29 - 152	8	39	
cis-1,3-Dichloropropene	ND		2.40	2.29		mg/kg wet		96	23 - 152	7	50	
trans-1,3-Dichloropropene	ND		2.40	2.16		mg/kg wet		90	24 - 151	7	48	
1,1-Dichloropropene	ND		2.40	2.26		mg/kg wet		94	40 - 151	13	50	
Ethylbenzene	ND		2.40	2.60		mg/kg wet		108	21 - 165	0.3	50	
Hexachlorobutadiene	ND		2.40	2.50		mg/kg wet		104	10 - 173	0.8	50	
2-Hexanone	ND		12.0	13.4		mg/kg wet		112	13 - 174	4	50	
Isopropylbenzene	ND		2.40	2.75		mg/kg wet		115	20 - 139	0.9	50	
p-Isopropyltoluene	ND		2.40	2.54		mg/kg wet		106	10 - 164	3	50	
Methyl tert-Butyl Ether	ND		2.40	2.17		mg/kg wet		90	34 - 154	29	50	
Methylene Chloride	ND		2.40	2.47		mg/kg wet		103	36 - 163	5	50	

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5788-MSD1

Matrix: Soil

Analysis Batch: U009101

Client Sample ID: NUE2362-18RE2

Prep Type: Total

Prep Batch: 11E5788_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone	ND		12.0	11.9		mg/kg wet		99	19 - 176	6	45
Naphthalene	ND		2.40	2.48		mg/kg wet		103	10 - 160	4	50
n-Propylbenzene	ND		2.40	2.55		mg/kg wet		106	16 - 174	0.4	50
Styrene	ND		2.40	2.51		mg/kg wet		104	10 - 177	1	50
1,1,1,2-Tetrachloroethane	ND		2.40	1.97		mg/kg wet		82	31 - 150	0.8	50
1,1,2,2-Tetrachloroethane	ND		2.40	2.32		mg/kg wet		97	27 - 163	2	45
Tetrachloroethene	ND		2.40	2.73		mg/kg wet		114	33 - 155	2	50
Toluene	ND		2.40	2.59		mg/kg wet		108	45 - 145	2	50
1,2,3-Trichlorobenzene	ND		2.40	2.71		mg/kg wet		113	10 - 182	6	50
1,2,4-Trichlorobenzene	ND		2.40	2.98		mg/kg wet		124	10 - 175	3	50
1,1,2-Trichloroethane	ND		2.40	2.41		mg/kg wet		100	43 - 145	5	50
1,1,1-Trichloroethane	ND		2.40	2.11		mg/kg wet		88	39 - 148	8	41
Trichloroethene	ND		2.40	2.28		mg/kg wet		95	39 - 150	12	50
Trichlorofluoromethane	ND		2.40	2.39	R2	mg/kg wet		100	25 - 174	62	47
1,2,3-Trichloropropane	ND		2.40	2.46		mg/kg wet		102	10 - 152	2	47
1,3,5-Trimethylbenzene	ND		2.40	2.67		mg/kg wet		111	38 - 148	12	50
1,2,4-Trimethylbenzene	ND		2.40	2.31		mg/kg wet		96	22 - 164	3	50
Vinyl chloride	ND		2.40	2.77	R2	mg/kg wet		116	32 - 163	111	39
Xylenes, total	ND		7.20	7.97		mg/kg wet		111	31 - 159	0.3	50

Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	80		67 - 138
1,2-Dichloroethane-d4	80		67 - 138
Dibromofluoromethane	90		75 - 125
Dibromofluoromethane	90		75 - 125
Toluene-d8	101		76 - 129
Toluene-d8	101		76 - 129
4-Bromofluorobenzene	100		67 - 147
4-Bromofluorobenzene	100		67 - 147

Lab Sample ID: 11E5815-BLK1

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: 11E5815-BLK1

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200		mg/kg wet		05/21/11 18:52	05/21/11 21:01	1.00
Ethylbenzene	ND		0.00200		mg/kg wet		05/21/11 18:52	05/21/11 21:01	1.00
Toluene	ND		0.00200		mg/kg wet		05/21/11 18:52	05/21/11 21:01	1.00
Xylenes, total	ND		0.00500		mg/kg wet		05/21/11 18:52	05/21/11 21:01	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	111		67 - 138	05/21/11 18:52	05/21/11 21:01	1.00
Dibromofluoromethane	103		75 - 125	05/21/11 18:52	05/21/11 21:01	1.00
Toluene-d8	101		76 - 129	05/21/11 18:52	05/21/11 21:01	1.00
4-Bromofluorobenzene	107		67 - 147	05/21/11 18:52	05/21/11 21:01	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5815-BLK2

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: 11E5815-BLK2

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100		mg/kg wet		05/21/11 18:52	05/21/11 21:32	50.0
Ethylbenzene	ND		0.100		mg/kg wet		05/21/11 18:52	05/21/11 21:32	50.0
Toluene	ND		0.100		mg/kg wet		05/21/11 18:52	05/21/11 21:32	50.0
Xylenes, total	ND		0.250		mg/kg wet		05/21/11 18:52	05/21/11 21:32	50.0

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	95		67 - 138	05/21/11 18:52	05/21/11 21:32	50.0
Dibromofluoromethane	88		75 - 125	05/21/11 18:52	05/21/11 21:32	50.0
Toluene-d8	101		76 - 129	05/21/11 18:52	05/21/11 21:32	50.0
4-Bromofluorobenzene	92		67 - 147	05/21/11 18:52	05/21/11 21:32	50.0

Lab Sample ID: 11E5815-BS1

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: 11E5815-BS1

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Benzene	50.0	47.8		ug/kg		96	78 - 126
Ethylbenzene	50.0	49.9		ug/kg		100	79 - 130
Toluene	50.0	50.8		ug/kg		102	76 - 126
Xylenes, total	150	150		ug/kg		100	80 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	86		67 - 138
Dibromofluoromethane	95		75 - 125
Toluene-d8	100		76 - 129
4-Bromofluorobenzene	98		67 - 147

Lab Sample ID: 11E5815-MS1

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: NUE3389-05RE1

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	Limits
Benzene	ND		25.0	21.0		mg/kg wet		84	42 - 141
Ethylbenzene	1.86		25.0	19.2		mg/kg wet		69	21 - 165
Toluene	1.13		25.0	21.5		mg/kg wet		81	45 - 145
Xylenes, total	11.2		75.0	59.6		mg/kg wet		65	31 - 159

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	95		67 - 138
Dibromofluoromethane	93		75 - 125
Toluene-d8	103		76 - 129
4-Bromofluorobenzene	93		67 - 147

Lab Sample ID: 11E5815-MSD1

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: NUE3389-05RE1

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Benzene	ND		25.0	22.7		mg/kg wet		91	42 - 141	8	50

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11E5815-MSD1

Matrix: Soil

Analysis Batch: U009010

Client Sample ID: NUE3389-05RE1

Prep Type: Total

Prep Batch: 11E5815_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethylbenzene	1.86		25.0	21.7		mg/kg wet		79	21 - 165	12	50
Toluene	1.13		25.0	22.6		mg/kg wet		86	45 - 145	5	50
Xylenes, total	11.2		75.0	68.9		mg/kg wet		77	31 - 159	14	50

Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	79		67 - 138
Dibromofluoromethane	94		75 - 125
Toluene-d8	99		76 - 129
4-Bromofluorobenzene	96		67 - 147

Method: SW846 8270CSIM - Polyaromatic Hydrocarbons by EPA 8270C SIM

Lab Sample ID: 11E3345-BLK1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: 11E3345-BLK1

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Acenaphthylene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Anthracene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Benzo (a) anthracene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Benzo (a) pyrene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Benzo (b) fluoranthene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Benzo (g,h,i) perylene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Benzo (k) fluoranthene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Chrysene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Dibenz (a,h) anthracene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Fluoranthene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Fluorene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Indeno (1,2,3-cd) pyrene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
1-Methylnaphthalene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
2-Methylnaphthalene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Naphthalene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Phenanthrene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00
Pyrene	ND		0.00333		mg/kg wet		05/19/11 08:20	05/23/11 13:18	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	68		17 - 120	05/19/11 08:20	05/23/11 13:18	1.00
2-Fluorobiphenyl	70		14 - 120	05/19/11 08:20	05/23/11 13:18	1.00
Terphenyl-d14	100		18 - 120	05/19/11 08:20	05/23/11 13:18	1.00

Lab Sample ID: 11E3345-BS1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: 11E3345-BS1

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	0.0333	0.0277		mg/kg wet		83	44 - 120
Acenaphthylene	0.0333	0.0260		mg/kg wet		78	46 - 127
Anthracene	0.0333	0.0317		mg/kg wet		95	49 - 139

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8270CSIM - Polyaromatic Hydrocarbons by EPA 8270C SIM (Continued)

Lab Sample ID: 11E3345-BS1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: 11E3345-BS1

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzo (a) anthracene	0.0333	0.0310		mg/kg wet		93	53 - 132
Benzo (a) pyrene	0.0333	0.0317		mg/kg wet		95	57 - 125
Benzo (b) fluoranthene	0.0333	0.0323		mg/kg wet		97	36 - 140
Benzo (g,h,i) perylene	0.0333	0.0303		mg/kg wet		91	54 - 139
Benzo (k) fluoranthene	0.0333	0.0323		mg/kg wet		97	49 - 140
Chrysene	0.0333	0.0317		mg/kg wet		95	47 - 139
Dibenz (a,h) anthracene	0.0333	0.0307		mg/kg wet		92	58 - 141
Fluoranthene	0.0333	0.0320		mg/kg wet		96	34 - 135
Fluorene	0.0333	0.0307		mg/kg wet		92	47 - 129
Indeno (1,2,3-cd) pyrene	0.0333	0.0307		mg/kg wet		92	53 - 142
1-Methylnaphthalene	0.0333	0.0247		mg/kg wet		74	41 - 120
2-Methylnaphthalene	0.0333	0.0283		mg/kg wet		85	48 - 121
Naphthalene	0.0333	0.0270		mg/kg wet		81	42 - 120
Phenanthrene	0.0333	0.0327		mg/kg wet		98	52 - 134
Pyrene	0.0333	0.0340		mg/kg wet		102	56 - 144

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	62		17 - 120
2-Fluorobiphenyl	66		14 - 120
Terphenyl-d14	97		18 - 120

Lab Sample ID: 11E3345-BSD1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: 11E3345-BSD1

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Acenaphthene	0.0333	0.0280		mg/kg wet		84	44 - 120	1	32
Acenaphthylene	0.0333	0.0260		mg/kg wet		78	46 - 127	0	34
Anthracene	0.0333	0.0300		mg/kg wet		90	49 - 139	5	31
Benzo (a) anthracene	0.0333	0.0290		mg/kg wet		87	53 - 132	7	43
Benzo (a) pyrene	0.0333	0.0283		mg/kg wet		85	57 - 125	11	41
Benzo (b) fluoranthene	0.0333	0.0283		mg/kg wet		85	36 - 140	13	50
Benzo (g,h,i) perylene	0.0333	0.0283		mg/kg wet		85	54 - 139	7	50
Benzo (k) fluoranthene	0.0333	0.0287		mg/kg wet		86	49 - 140	12	38
Chrysene	0.0333	0.0293		mg/kg wet		88	47 - 139	8	40
Dibenz (a,h) anthracene	0.0333	0.0287		mg/kg wet		86	58 - 141	7	50
Fluoranthene	0.0333	0.0297		mg/kg wet		89	34 - 135	8	47
Fluorene	0.0333	0.0300		mg/kg wet		90	47 - 129	2	38
Indeno (1,2,3-cd) pyrene	0.0333	0.0287		mg/kg wet		86	53 - 142	7	46
1-Methylnaphthalene	0.0333	0.0240		mg/kg wet		72	41 - 120	3	35
2-Methylnaphthalene	0.0333	0.0280		mg/kg wet		84	48 - 121	1	38
Naphthalene	0.0333	0.0270		mg/kg wet		81	42 - 120	0	36
Phenanthrene	0.0333	0.0313		mg/kg wet		94	52 - 134	4	46
Pyrene	0.0333	0.0310		mg/kg wet		93	56 - 144	9	50

Surrogate	LCS Dup % Recovery	LCS Dup Qualifier	Limits
Nitrobenzene-d5	64		17 - 120
2-Fluorobiphenyl	68		14 - 120
Terphenyl-d14	97		18 - 120

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8270CSIM - Polyaromatic Hydrocarbons by EPA 8270C SIM (Continued)

Lab Sample ID: 11E3345-MS1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	ND		0.0389	0.0315		mg/kg dry	☼	81	42 - 120
Acenaphthylene	ND		0.0389	0.0288		mg/kg dry	☼	74	39 - 127
Anthracene	ND		0.0389	0.0343		mg/kg dry	☼	88	39 - 139
Benzo (a) anthracene	ND		0.0389	0.0350		mg/kg dry	☼	90	31 - 132
Benzo (a) pyrene	ND		0.0389	0.0339		mg/kg dry	☼	87	22 - 125
Benzo (b) fluoranthene	ND		0.0389	0.0343		mg/kg dry	☼	88	10 - 147
Benzo (g,h,i) perylene	ND		0.0389	0.0331		mg/kg dry	☼	85	10 - 151
Benzo (k) fluoranthene	ND		0.0389	0.0378		mg/kg dry	☼	97	23 - 140
Chrysene	ND		0.0389	0.0354		mg/kg dry	☼	91	20 - 139
Dibenz (a,h) anthracene	ND		0.0389	0.0331		mg/kg dry	☼	85	18 - 150
Fluoranthene	ND		0.0389	0.0366		mg/kg dry	☼	94	29 - 135
Fluorene	ND		0.0389	0.0339		mg/kg dry	☼	87	38 - 129
Indeno (1,2,3-cd) pyrene	ND		0.0389	0.0331		mg/kg dry	☼	85	13 - 146
1-Methylnaphthalene	ND		0.0389	0.0276		mg/kg dry	☼	71	20 - 120
2-Methylnaphthalene	ND		0.0389	0.0319		mg/kg dry	☼	82	28 - 124
Naphthalene	ND		0.0389	0.0308		mg/kg dry	☼	79	10 - 135
Phenanthrene	ND		0.0389	0.0362		mg/kg dry	☼	93	33 - 134
Pyrene	ND		0.0389	0.0389		mg/kg dry	☼	100	26 - 153

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
Nitrobenzene-d5	62		17 - 120
2-Fluorobiphenyl	64		14 - 120
Terphenyl-d14	95		18 - 120

Lab Sample ID: 11E3345-MSD1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3345_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		0.0387	0.0314		mg/kg dry	☼	81	42 - 120	0.5	32
Acenaphthylene	ND		0.0387	0.0294		mg/kg dry	☼	76	39 - 127	2	34
Anthracene	ND		0.0387	0.0333		mg/kg dry	☼	86	39 - 139	3	31
Benzo (a) anthracene	ND		0.0387	0.0341		mg/kg dry	☼	88	31 - 132	3	43
Benzo (a) pyrene	ND		0.0387	0.0329		mg/kg dry	☼	85	22 - 125	3	41
Benzo (b) fluoranthene	ND		0.0387	0.0337		mg/kg dry	☼	87	10 - 147	2	50
Benzo (g,h,i) perylene	ND		0.0387	0.0325		mg/kg dry	☼	84	10 - 151	2	50
Benzo (k) fluoranthene	ND		0.0387	0.0356		mg/kg dry	☼	92	23 - 140	6	38
Chrysene	ND		0.0387	0.0341		mg/kg dry	☼	88	20 - 139	4	40
Dibenz (a,h) anthracene	ND		0.0387	0.0321		mg/kg dry	☼	83	18 - 150	3	50
Fluoranthene	ND		0.0387	0.0360		mg/kg dry	☼	93	29 - 135	2	47
Fluorene	ND		0.0387	0.0341		mg/kg dry	☼	88	38 - 129	0.6	38
Indeno (1,2,3-cd) pyrene	ND		0.0387	0.0325		mg/kg dry	☼	84	13 - 146	2	46
1-Methylnaphthalene	ND		0.0387	0.0279		mg/kg dry	☼	72	20 - 120	0.9	35
2-Methylnaphthalene	ND		0.0387	0.0321		mg/kg dry	☼	83	28 - 124	0.7	38
Naphthalene	ND		0.0387	0.0310		mg/kg dry	☼	80	10 - 135	0.7	36
Phenanthrene	ND		0.0387	0.0356		mg/kg dry	☼	92	33 - 134	2	46
Pyrene	ND		0.0387	0.0368		mg/kg dry	☼	95	26 - 153	6	50

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8270CSIM - Polyaromatic Hydrocarbons by EPA 8270C SIM (Continued)

Lab Sample ID: 11E3345-MSD1

Matrix: Soil

Analysis Batch: U008958

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3345_P

Surrogate	Matrix Spike Dup	Matrix Spike Dup	Limits
	% Recovery	Qualifier	
Nitrobenzene-d5	62		17 - 120
2-Fluorobiphenyl	65		14 - 120
Terphenyl-d14	97		18 - 120

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11E3474-BLK1

Matrix: Soil

Analysis Batch: U008501

Client Sample ID: 11E3474-BLK1

Prep Type: Total

Prep Batch: 11E3474_P

Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.0500		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
Ethylbenzene	ND		0.0500		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
Methyl tert-Butyl Ether	ND		0.500		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
Naphthalene	ND		0.250		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
Toluene	ND		0.0500		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
Xylenes, total	ND		0.150		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C6 to C8 Ali	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C8 to C10 Ali	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C10 to C12 Ali	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C8 to C10 Aro	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C10 to C12 Aro	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0
>C12 to C13 Aro	ND		5.00		mg/kg		05/13/11 00:00	05/13/11 18:00	50.0

Surrogate	Blank	Blank	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2,5-Dibromotoluene (FID)	118		60 - 140	05/13/11 00:00	05/13/11 18:00	50.0
2,5-Dibromotoluene (PID)	102		60 - 140	05/13/11 00:00	05/13/11 18:00	50.0

Lab Sample ID: 11E3474-BS1

Matrix: Soil

Analysis Batch: U008501

Client Sample ID: 11E3474-BS1

Prep Type: Total

Prep Batch: 11E3474_P

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.
	Added	Result	Qualifier				Limits
Benzene	0.100	0.0859		mg/kg		86	70 - 130
Ethylbenzene	0.100	0.104		mg/kg		104	70 - 130
Methyl tert-Butyl Ether	0.100	0.0741		mg/kg		74	70 - 130
Naphthalene	0.100	0.106		mg/kg		106	70 - 130
Toluene	0.100	0.0967		mg/kg		97	70 - 130
Xylenes, total	0.300	0.313		mg/kg		104	70 - 130
C5 - C6 Aliphatic Hydrocarbons	0.300	0.287		mg/kg		96	70 - 130
>C6 to C8 Ali	0.200	0.191		mg/kg		95	70 - 130
>C8 to C10 Ali	0.600	0.744		mg/kg		124	70 - 130
>C10 to C12 Ali	0.200	0.265	L1	mg/kg		132	70 - 130
>C8 to C10 Aro	0.500	0.524		mg/kg		105	70 - 130
>C10 to C12 Aro	0.100	0.102		mg/kg		102	70 - 130
>C12 to C13 Aro	0.100	0.103		mg/kg		103	70 - 130

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11E3474-BS1

Matrix: Soil

Analysis Batch: U008501

Client Sample ID: 11E3474-BS1

Prep Type: Total

Prep Batch: 11E3474_P

	LCS	LCS	
Surrogate	% Recovery	Qualifier	Limits
2,5-Dibromotoluene (FID)	112		60 - 140
2,5-Dibromotoluene (PID)	96		60 - 140

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11E3247-BLK1

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: 11E3247-BLK1

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.00		mg/kg wet		05/13/11 08:29	05/17/11 12:02	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		50 - 150				05/13/11 08:29	05/17/11 12:02	50.0

Lab Sample ID: 11E3247-BLK2

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: 11E3247-BLK2

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12) NW	ND		5.00		mg/kg wet		05/13/11 08:29	05/17/11 23:45	50.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	88		50 - 150				05/13/11 08:29	05/17/11 23:45	50.0

Lab Sample ID: 11E3247-BS1

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: 11E3247-BS1

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
GRO (C4-C12) NW	10.0	11.1		mg/kg wet		111	60 - 123
Surrogate	% Recovery	Qualifier	Limits				
a,a,a-Trifluorotoluene	415	Z2	50 - 150				

Lab Sample ID: 11E3247-BS2

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: 11E3247-BS2

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
GRO (C4-C12) NW	10.0	9.89		mg/kg wet		99	60 - 123
Surrogate	% Recovery	Qualifier	Limits				
a,a,a-Trifluorotoluene	412	Z2	50 - 150				

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: NWTPH-Gx - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11E3247-MS1

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: NUE2568-11

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
GRO (C4-C12) NW	1.19		12.1	0.181		mg/kg dry	☼	-8	59 - 130
<i>Surrogate</i>	<i>Matrix Spike % Recovery</i>	<i>Matrix Spike Qualifier</i>	<i>Limits</i>						
<i>a,a,a-Trifluorotoluene</i>	87		50 - 150						

Lab Sample ID: 11E3247-MSD1

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: NUE2568-11

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
GRO (C4-C12) NW	1.19		12.1	0.216		mg/kg dry	☼	-8	59 - 130	18	50
<i>Surrogate</i>	<i>Matrix Spike Dup % Recovery</i>	<i>Matrix Spike Dup Qualifier</i>	<i>Limits</i>								
<i>a,a,a-Trifluorotoluene</i>	87		50 - 150								

Lab Sample ID: 11E3247-DUP1

Matrix: Soil

Analysis Batch: U008692

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3247_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
GRO (C4-C12) NW	1.14		2.66	R2	mg/kg dry	☼	80	50
<i>Surrogate</i>	<i>Duplicate % Recovery</i>	<i>Duplicate Qualifier</i>	<i>Limits</i>					
<i>a,a,a-Trifluorotoluene</i>	84		50 - 150					

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Lab Sample ID: 11E4074-BLK1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: 11E4074-BLK1

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:00	1.00
>C10 to C12 Ali	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:00	1.00
>C12 to C16 Ali	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:00	1.00
>C16 to C21 Ali	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:00	1.00
>C21 to C34 Ali	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:00	1.00
<i>Surrogate</i>	<i>Blank % Recovery</i>	<i>Blank Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1-Chlorooctadecane</i>	60		60 - 140				05/19/11 09:30	05/23/11 17:00	1.00

Lab Sample ID: 11E4074-BLK1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: 11E4074-BLK1

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Aro	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:30	1.00
>C12 to C16 Aro	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:30	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11E4074-BLK1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: 11E4074-BLK1

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C16 to C21 Aro	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:30	1.00
>C21 to C34 Aro	ND		5.00		mg/kg		05/19/11 09:30	05/23/11 17:30	1.00
Surrogate	% Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	57	Z6	60 - 140				05/19/11 09:30	05/23/11 17:30	1.00
2-Fluorobiphenyl	80		60 - 140				05/19/11 09:30	05/23/11 17:30	1.00
2-Bromonaphthalene	79		60 - 140				05/19/11 09:30	05/23/11 17:30	1.00

Lab Sample ID: 11E4074-BS1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: 11E4074-BS1

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
C8-C10 Aliphatics	10.0	5.52		mg/kg		55	50 - 150
>C10 to C12 Ali	5.00	3.48		mg/kg		70	70 - 130
>C12 to C16 Ali	10.0	7.29		mg/kg		73	70 - 130
>C16 to C21 Ali	15.0	13.1		mg/kg		87	70 - 130
>C21 to C34 Ali	25.0	23.2		mg/kg		93	70 - 130
Surrogate	% Recovery	LCS Qualifier	Limits				
1-Chlorooctadecane	65		60 - 140				

Lab Sample ID: 11E4074-BS1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: 11E4074-BS1

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
>C10 to C12 Aro	5.00	3.84		mg/kg		77	70 - 130
>C12 to C16 Aro	15.0	11.0		mg/kg		74	70 - 130
>C16 to C21 Aro	25.0	20.7		mg/kg		83	70 - 130
>C21 to C34 Aro	40.0	31.7		mg/kg		79	70 - 130
Surrogate	% Recovery	LCS Qualifier	Limits				
o-Terphenyl	75		60 - 140				
2-Fluorobiphenyl	92		60 - 140				
2-Bromonaphthalene	95		60 - 140				

Lab Sample ID: 11E4074-MS1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
C8-C10 Aliphatics	ND		9.63	5.24		mg/kg		54	50 - 150
>C10 to C12 Ali	ND		4.82	3.29	M8	mg/kg		68	70 - 130
>C12 to C16 Ali	ND		9.63	6.93		mg/kg		72	70 - 130
>C16 to C21 Ali	ND		14.5	12.2		mg/kg		84	70 - 130
>C21 to C34 Ali	ND		24.1	22.0		mg/kg		91	70 - 130

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11E4074-MS1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E4074_P

	Matrix Spike	Matrix Spike	
Surrogate	% Recovery	Qualifier	Limits
1-Chlorooctadecane	64		60 - 140

Lab Sample ID: 11E4074-MS1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
>C10 to C12 Aro	ND		4.82	3.81		mg/kg		79	70 - 130
>C12 to C16 Aro	ND		14.5	10.9		mg/kg		75	70 - 130
>C16 to C21 Aro	ND		24.1	20.3		mg/kg		84	70 - 130
>C21 to C34 Aro	ND		38.5	31.6		mg/kg		82	70 - 130

	Matrix Spike	Matrix Spike	
Surrogate	% Recovery	Qualifier	Limits
o-Terphenyl	75		60 - 140
2-Fluorobiphenyl	93		60 - 140
2-Bromonaphthalene	96		60 - 140

Lab Sample ID: 11E4074-MSD1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
C8-C10 Aliphatics	ND		9.40	5.36		mg/kg		57	50 - 150	2	25
>C10 to C12 Ali	ND		4.70	3.40		mg/kg		72	70 - 130	3	25
>C12 to C16 Ali	ND		9.40	7.21		mg/kg		77	70 - 130	4	25
>C16 to C21 Ali	ND		14.1	12.7		mg/kg		90	70 - 130	4	25
>C21 to C34 Ali	ND		23.5	22.9		mg/kg		98	70 - 130	4	25

	Matrix Spike Dup	Matrix Spike Dup	
Surrogate	% Recovery	Qualifier	Limits
1-Chlorooctadecane	68		60 - 140

Lab Sample ID: 11E4074-MSD1

Matrix: Soil

Analysis Batch: U009117

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E4074_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
>C10 to C12 Aro	ND		4.70	3.72		mg/kg		79	70 - 130	2	25
>C12 to C16 Aro	ND		14.1	10.9		mg/kg		77	70 - 130	0.4	25
>C16 to C21 Aro	ND		23.5	20.6		mg/kg		88	70 - 130	1	25
>C21 to C34 Aro	ND		37.6	32.3		mg/kg		86	70 - 130	2	25

	Matrix Spike Dup	Matrix Spike Dup	
Surrogate	% Recovery	Qualifier	Limits
o-Terphenyl	78		60 - 140
2-Fluorobiphenyl	91		60 - 140
2-Bromonaphthalene	95		60 - 140

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: NWTPH-Dx - Extractable Petroleum Hydrocarbons with Silica Gel Treatment

Lab Sample ID: 11E3349-BLK1

Matrix: Soil

Analysis Batch: U008877

Client Sample ID: 11E3349-BLK1

Prep Type: Total

Prep Batch: 11E3349_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		4.00		mg/kg wet		05/19/11 11:35	05/20/11 05:12	1.00
Motor Oil	ND		4.00		mg/kg wet		05/19/11 11:35	05/20/11 05:12	1.00
Surrogate	Blank % Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	100		50 - 150				05/19/11 11:35	05/20/11 05:12	1.00

Lab Sample ID: 11E3349-BS1

Matrix: Soil

Analysis Batch: U008877

Client Sample ID: 11E3349-BS1

Prep Type: Total

Prep Batch: 11E3349_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Diesel	40.0	35.1		mg/kg wet		88	55 - 123
Surrogate	LCS % Recovery	LCS Qualifier	Limits				
o-Terphenyl	113		50 - 150				

Lab Sample ID: 11E3349-MS1

Matrix: Soil

Analysis Batch: U008877

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	Limits
Diesel	1.57		46.3	37.7		mg/kg dry	☼	78	34 - 138
Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits						
o-Terphenyl	91		50 - 150						

Lab Sample ID: 11E3349-MSD1

Matrix: Soil

Analysis Batch: U008877

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E3349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Diesel	1.57		45.4	29.6		mg/kg dry	☼	62	34 - 138	24	43
Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Limits								
o-Terphenyl	78		50 - 150								

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Lab Sample ID: 11E3352-BLK1

Matrix: Soil

Analysis Batch: U008475

Client Sample ID: 11E3352-BLK1

Prep Type: Total

Prep Batch: 11E3352_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND		5.00		mg/kg wet		05/13/11 14:15	05/14/11 21:22	1.00
Surrogate	Blank % Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	76		53 - 140				05/13/11 14:15	05/14/11 21:22	1.00

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11E3352-BS1

Matrix: Soil

Analysis Batch: U008475

Client Sample ID: 11E3352-BS1

Prep Type: Total

Prep Batch: 11E3352_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel	40.0	30.7		mg/kg wet		77	65 - 127
Surrogate	% Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	96		53 - 140				

Lab Sample ID: 11E3352-MS1

Matrix: Soil

Analysis Batch: U008475

Client Sample ID: NUE1964-01

Prep Type: Total

Prep Batch: 11E3352_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike				% Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits		
Diesel	33.7		43.6	54.6		mg/kg dry	☼	48	23 - 138		
Surrogate	Matrix Spike	Matrix Spike									
	% Recovery	Qualifier	Limits								
o-Terphenyl	78		53 - 140								

Lab Sample ID: 11E3352-MSD1

Matrix: Soil

Analysis Batch: U008475

Client Sample ID: NUE1964-01

Prep Type: Total

Prep Batch: 11E3352_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel	33.7		42.9	47.9		mg/kg dry	✱	33	23 - 138	13	40
Surrogate	% Recovery	Matrix Spike Dup Qualifier	Limits								
<i>o</i> -Terphenyl	66		53 - 140								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 11E3339-BLK1

Matrix: Soil

Analysis Batch: U008568

Client Sample ID: 11E3339-BLK1

Prep Type: Total

Prep Batch: 11E3339_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1221	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1232	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1242	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1248	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1254	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
PCB-1260	ND		0.0333		mg/kg wet		05/13/11 10:06	05/17/11 22:33	1.00
Surrogate	% Recovery	Blank Qualifier	Limits						
Tetrachloro-meta-xylene	90		19 - 147						
Decachlorobiphenyl	110		20 - 150						

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 11E3339-BS1

Matrix: Soil

Analysis Batch: U008568

Client Sample ID: 11E3339-BS1

Prep Type: Total

Prep Batch: 11E3339_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1242	0.167	0.161		mg/kg wet		97	45 - 137
Surrogate	LCS % Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	94		19 - 147				
Decachlorobiphenyl	112		20 - 150				

Lab Sample ID: 11E3339-MS1

Matrix: Soil

Analysis Batch: U008568

Client Sample ID: NUE2040-01

Prep Type: Total

Prep Batch: 11E3339_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1242			0.166	0.147		mg/kg dry	✱	88	21 - 175
Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits						
Tetrachloro-meta-xylene	76		19 - 147						
Decachlorobiphenyl	94		20 - 150						

Lab Sample ID: 11E3339-MSD1

Matrix: Soil

Analysis Batch: U008568

Client Sample ID: NUE2040-01

Prep Type: Total

Prep Batch: 11E3339_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1242			0.166	0.143		mg/kg dry	✱	86	21 - 175	3	35
Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Limits								
Tetrachloro-meta-xylene	82		19 - 147								
Decachlorobiphenyl	96		20 - 150								

Method: SW846 1311/6010B - TCLP Metals by 6000/7000 Series Methods

Lab Sample ID: 11E3906-BLK1

Matrix: Water

Analysis Batch: 11E3906

Client Sample ID: 11E3906-BLK1

Prep Type: TCLP

Prep Batch: 11E3906_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Arsenic	ND		0.100		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Barium	ND		0.100		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Cadmium	ND		0.0100		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Lead	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Selenium	ND		0.100		mg/L		05/16/11 08:09	05/16/11 14:39	1.00
Silver	ND		0.0500		mg/L		05/16/11 08:09	05/16/11 14:39	1.00

Lab Sample ID: 11E3906-BS1

Matrix: Water

Analysis Batch: 11E3906

Client Sample ID: 11E3906-BS1

Prep Type: TCLP

Prep Batch: 11E3906_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chromium	10.0	10.6		mg/L		106	80 - 120

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 1311/6010B - TCLP Metals by 6000/7000 Series Methods (Continued)

Lab Sample ID: 11E3906-BS1

Matrix: Water

Analysis Batch: 11E3906

Client Sample ID: 11E3906-BS1

Prep Type: TCLP

Prep Batch: 11E3906_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	2.00	1.96		mg/L		98	80 - 120
Barium	20.0	21.3		mg/L		107	80 - 120
Cadmium	2.00	2.12		mg/L		106	80 - 120
Lead	10.0	10.5		mg/L		105	80 - 120
Selenium	2.00	2.00		mg/L		100	80 - 120
Silver	2.00	2.03		mg/L		102	80 - 120

Lab Sample ID: 11E3906-MS1

Matrix: Water

Analysis Batch: 11E3906

Client Sample ID: NUE2023-01

Prep Type: TCLP

Prep Batch: 11E3906_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Chromium	ND		10.0	10.6		mg/L		106	75 - 125
Arsenic	ND		2.00	2.06		mg/L		103	75 - 125
Barium	0.300		20.0	21.0		mg/L		104	75 - 125
Cadmium	ND		2.00	2.14		mg/L		107	75 - 125
Lead	0.176		10.0	10.9		mg/L		107	75 - 125
Selenium	ND		2.00	2.10		mg/L		105	75 - 125
Silver	ND		2.00	2.04		mg/L		102	75 - 125

Lab Sample ID: 11E3906-MSD1

Matrix: Water

Analysis Batch: 11E3906

Client Sample ID: NUE2023-01

Prep Type: TCLP

Prep Batch: 11E3906_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chromium	ND		10.0	10.6		mg/L		106	75 - 125	0.8	20
Arsenic	ND		2.00	2.03		mg/L		102	75 - 125	1	20
Barium	0.300		20.0	21.0		mg/L		103	75 - 125	0.4	20
Cadmium	ND		2.00	2.16		mg/L		108	75 - 125	1	20
Lead	0.176		10.0	11.0		mg/L		108	75 - 125	0.5	20
Selenium	ND		2.00	2.11		mg/L		105	75 - 125	0.3	20
Silver	ND		2.00	2.05		mg/L		103	75 - 125	0.4	20

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods

Lab Sample ID: 11E3960-BLK1

Matrix: Water

Analysis Batch: 11E3960

Client Sample ID: 11E3960-BLK1

Prep Type: TCLP

Prep Batch: 11E3960_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100		mg/L		05/16/11 12:05	05/17/11 13:12	1.00

Lab Sample ID: 11E3960-BS1

Matrix: Water

Analysis Batch: 11E3960

Client Sample ID: 11E3960-BS1

Prep Type: TCLP

Prep Batch: 11E3960_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0200	0.0197		mg/L		98	80 - 120

TestAmerica Nashville

QC Sample Results

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods (Continued)

Lab Sample ID: 11E3960-MS1

Matrix: Water

Analysis Batch: 11E3960

Client Sample ID: NUE2085-01

Prep Type: TCLP

Prep Batch: 11E3960_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.0200	0.0197		mg/L		99	75 - 125

Lab Sample ID: 11E3960-MSD1

Matrix: Water

Analysis Batch: 11E3960

Client Sample ID: NUE2085-01

Prep Type: TCLP

Prep Batch: 11E3960_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0200	0.0197		mg/L		98	75 - 125	0.4	20

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 11E5185-DUP1

Matrix: Soil

Analysis Batch: 11E5185

Client Sample ID: S-051011-MD-A-8

Prep Type: Total

Prep Batch: 11E5185_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Dry Solids	85.4		86.3		%		1	20

Method: SW846 9071B - General Chemistry Parameters

Lab Sample ID: 11E3363-BLK1

Matrix: Soil

Analysis Batch: 11E3363

Client Sample ID: 11E3363-BLK1

Prep Type: Total

Prep Batch: 11E3363_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	ND		50.0		mg/kg		05/13/11 10:23	05/13/11 15:52	1.00

Lab Sample ID: 11E3363-BS1

Matrix: Soil

Analysis Batch: 11E3363

Client Sample ID: 11E3363-BS1

Prep Type: Total

Prep Batch: 11E3363_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Oil & Grease (HEM)	4000	3720		mg/kg		93	75 - 117

Lab Sample ID: 11E3363-MS1

Matrix: Soil

Analysis Batch: 11E3363

Client Sample ID: NUE1367-01RE1

Prep Type: Total

Prep Batch: 11E3363_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Oil & Grease (HEM)	448		4000	4040		mg/kg		90	66 - 117

Lab Sample ID: 11E3363-DUP1

Matrix: Soil

Analysis Batch: 11E3363

Client Sample ID: NUE1367-01RE1

Prep Type: Total

Prep Batch: 11E3363_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Oil & Grease (HEM)	448		329		mg/kg		31	50

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

GCMS Volatiles

Analysis Batch: U009010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5815-BS1	11E5815-BS1	Total	Soil	SW846 8260B	11E5815_P
11E5815-BLK1	11E5815-BLK1	Total	Soil	SW846 8260B	11E5815_P
11E5815-BLK2	11E5815-BLK2	Total	Soil	SW846 8260B	11E5815_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	SW846 8260B	11E5815_P
NUE2087-02	S-051011-MD-B-6	Total	Soil	SW846 8260B	11E5815_P
NUE2087-03	S-051011-MD-C-6	Total	Soil	SW846 8260B	11E5815_P
NUE2087-04	S-051011-MD-D-6	Total	Soil	SW846 8260B	11E5815_P
11E5815-MS1	NUE3389-05RE1	Total	Soil	SW846 8260B	11E5815_P
11E5815-MSD1	NUE3389-05RE1	Total	Soil	SW846 8260B	11E5815_P

Analysis Batch: U009074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E4507-BS2	11E4507-BS2	Total	Soil	CA LUFT	11E4507_P
11E4507-BS1	11E4507-BS1	Total	Soil	GC/MS	11E4507_P
11E4507-BLK2	11E4507-BLK2	Total	Soil	SW846 8260B	11E4507_P
11E4507-BLK2	11E4507-BLK2	Total	Soil	CA LUFT	11E4507_P
11E4507-BLK1	11E4507-BLK1	Total	Soil	GC/MS	11E4507_P
11E4507-BLK1	11E4507-BLK1	Total	Soil	SW846 8260B	11E4507_P
NUE2087-07	S-051111-MD-Bin1	Total	Soil	CA LUFT	11E4507_P
NUE2087-07	S-051111-MD-Bin1	Total	Soil	GC/MS	11E4507_P
11E4507-MS1	NUE2256-01	Total	Soil	SW846 8260B	11E4507_P
11E4507-MSD1	NUE2256-01	Total	Soil	CA LUFT	11E4507_P

Analysis Batch: U009101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5788-BS1	11E5788-BS1	Total	Soil	SW846 8260B	11E5788_P
11E5788-BSD1	11E5788-BSD1	Total	Soil	SW846 8260B	11E5788_P
11E5788-BLK1	11E5788-BLK1	Total	Soil	SW846 8260B	11E5788_P
11E5788-BLK2	11E5788-BLK2	Total	Soil	SW846 8260B	11E5788_P
NUE2087-09	Trip Blank	Total	Soil	SW846 8260B	11E5788_P
NUE2087-05	S-051011-MD-E-6	Total	Soil	SW846 8260B	11E5788_P
NUE2087-06	S-051011-MD-F-10	Total	Soil	SW846 8260B	11E5788_P
11E5788-MS1	NUE2362-18RE2	Total	Soil	SW846 8260B	11E5788_P
11E5788-MSD1	NUE2362-18RE2	Total	Soil	SW846 8260B	11E5788_P

Prep Batch: 11E4507_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E4507-BS2	11E4507-BS2	Total	Soil	EPA 5035	
11E4507-BS1	11E4507-BS1	Total	Soil	EPA 5035	
11E4507-BLK2	11E4507-BLK2	Total	Soil	EPA 5035	
11E4507-BLK1	11E4507-BLK1	Total	Soil	EPA 5035	
NUE2087-07	S-051111-MD-Bin1	Total	Soil	EPA 5035	
11E4507-MS1	NUE2256-01	Total	Soil	EPA 5035	
11E4507-MSD1	NUE2256-01	Total	Soil	EPA 5035	

Prep Batch: 11E5788_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5788-BS1	11E5788-BS1	Total	Soil	EPA 5035	
11E5788-BSD1	11E5788-BSD1	Total	Soil	EPA 5035	
11E5788-BLK1	11E5788-BLK1	Total	Soil	EPA 5035	

TestAmerica Nashville

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

GCMS Volatiles (Continued)

Prep Batch: 11E5788_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5788-BLK2	11E5788-BLK2	Total	Soil	EPA 5035	
NUE2087-09	Trip Blank	Total	Soil	EPA 5035	
NUE2087-05	S-051011-MD-E-6	Total	Soil	EPA 5035	
NUE2087-06	S-051011-MD-F-10	Total	Soil	EPA 5035	
11E5788-MS1	NUE2362-18RE2	Total	Soil	EPA 5035	
11E5788-MSD1	NUE2362-18RE2	Total	Soil	EPA 5035	

Prep Batch: 11E5815_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5815-BS1	11E5815-BS1	Total	Soil	EPA 5035	
11E5815-BLK1	11E5815-BLK1	Total	Soil	EPA 5035	
11E5815-BLK2	11E5815-BLK2	Total	Soil	EPA 5035	
NUE2087-01	S-051011-MD-A-8	Total	Soil	EPA 5035	
NUE2087-02	S-051011-MD-B-6	Total	Soil	EPA 5035	
NUE2087-03	S-051011-MD-C-6	Total	Soil	EPA 5035	
NUE2087-04	S-051011-MD-D-6	Total	Soil	EPA 5035	
11E5815-MS1	NUE3389-05RE1	Total	Soil	EPA 5035	
11E5815-MSD1	NUE3389-05RE1	Total	Soil	EPA 5035	

GCMS Semivolatiles

Analysis Batch: U008958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3345-BLK1	11E3345-BLK1	Total	Soil	SW846 8270CSIM	11E3345_P
11E3345-BS1	11E3345-BS1	Total	Soil	SW846 8270CSIM	11E3345_P
11E3345-BSD1	11E3345-BSD1	Total	Soil	SW846 8270CSIM	11E3345_P
11E3345-MS1	S-051011-MD-A-8	Total	Soil	SW846 8270CSIM	11E3345_P
11E3345-MSD1	S-051011-MD-A-8	Total	Soil	SW846 8270CSIM	11E3345_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	SW846 8270CSIM	11E3345_P

Prep Batch: 11E3345_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3345-BLK1	11E3345-BLK1	Total	Soil	EPA 3550B	
11E3345-BS1	11E3345-BS1	Total	Soil	EPA 3550B	
11E3345-BSD1	11E3345-BSD1	Total	Soil	EPA 3550B	
11E3345-MS1	S-051011-MD-A-8	Total	Soil	EPA 3550B	
11E3345-MSD1	S-051011-MD-A-8	Total	Soil	EPA 3550B	
NUE2087-01	S-051011-MD-A-8	Total	Soil	EPA 3550B	

GC Volatiles

Analysis Batch: U008501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3474-BS1	11E3474-BS1	Total	Soil	NWTPH VPH	11E3474_P
11E3474-BLK1	11E3474-BLK1	Total	Soil	NWTPH VPH	11E3474_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	NWTPH VPH	11E3474_P

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

GC Volatiles (Continued)

Analysis Batch: U008692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3247-BS1	11E3247-BS1	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-BLK1	11E3247-BLK1	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-09	Trip Blank	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-BS2	11E3247-BS2	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-BLK2	11E3247-BLK2	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-02	S-051011-MD-B-6	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-03	S-051011-MD-C-6	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-04	S-051011-MD-D-6	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-05	S-051011-MD-E-6	Total	Soil	NWTPH-Gx	11E3247_P
NUE2087-06	S-051011-MD-F-10	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-DUP1	S-051011-MD-A-8	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-MS1	NUE2568-11	Total	Soil	NWTPH-Gx	11E3247_P
11E3247-MSD1	NUE2568-11	Total	Soil	NWTPH-Gx	11E3247_P

Prep Batch: 11E3247_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3247-BS1	11E3247-BS1	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-BLK1	11E3247-BLK1	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-09	Trip Blank	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-BS2	11E3247-BS2	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-BLK2	11E3247-BLK2	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-02	S-051011-MD-B-6	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-03	S-051011-MD-C-6	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-04	S-051011-MD-D-6	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-05	S-051011-MD-E-6	Total	Soil	EPA 5035A (GC)	11E3247_P
NUE2087-06	S-051011-MD-F-10	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-DUP1	S-051011-MD-A-8	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-MS1	NUE2568-11	Total	Soil	EPA 5035A (GC)	11E3247_P
11E3247-MSD1	NUE2568-11	Total	Soil	EPA 5035A (GC)	11E3247_P

Prep Batch: 11E3474_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3474-BS1	11E3474-BS1	Total	Soil	MADEP	11E3474_P
11E3474-BLK1	11E3474-BLK1	Total	Soil	MADEP	11E3474_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	MADEP	11E3474_P

GC Semivolatiles

Analysis Batch: U008475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3352-BLK1	11E3352-BLK1	Total	Soil	SW846 8015B	11E3352_P
11E3352-BS1	11E3352-BS1	Total	Soil	SW846 8015B	11E3352_P

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

GC Semivolatiles (Continued)

Analysis Batch: U008475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3352-MS1	NUE1964-01	Total	Soil	SW846 8015B	11E3352_P
11E3352-MSD1	NUE1964-01	Total	Soil	SW846 8015B	11E3352_P
NUE2087-07	S-051111-MD-Bin1	Total	Soil	SW846 8015B	11E3352_P

Analysis Batch: U008877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3349-BLK1	11E3349-BLK1	Total	Soil	NWTPH-Dx	11E3349_P
11E3349-BS1	11E3349-BS1	Total	Soil	NWTPH-Dx	11E3349_P
11E3349-MS1	S-051011-MD-A-8	Total	Soil	NWTPH-Dx	11E3349_P
11E3349-MSD1	S-051011-MD-A-8	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-02	S-051011-MD-B-6	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-03	S-051011-MD-C-6	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-04	S-051011-MD-D-6	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-05	S-051011-MD-E-6	Total	Soil	NWTPH-Dx	11E3349_P
NUE2087-06	S-051011-MD-F-10	Total	Soil	NWTPH-Dx	11E3349_P

Analysis Batch: U009117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E4074-BLK1	11E4074-BLK1	Total	Soil	NWTPH EPH	11E4074_P
11E4074-BLK1	11E4074-BLK1	Total	Soil	NWTPH EPH	11E4074_P
11E4074-BS1	11E4074-BS1	Total	Soil	NWTPH EPH	11E4074_P
11E4074-BS1	11E4074-BS1	Total	Soil	NWTPH EPH	11E4074_P
11E4074-MS1	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P
11E4074-MS1	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P
11E4074-MSD1	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P
11E4074-MSD1	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	NWTPH EPH	11E4074_P

Prep Batch: 11E3349_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3349-BLK1	11E3349-BLK1	Total	Soil	EPA 3550B	
11E3349-BS1	11E3349-BS1	Total	Soil	EPA 3550B	
11E3349-MS1	S-051011-MD-A-8	Total	Soil	EPA 3550B	
11E3349-MSD1	S-051011-MD-A-8	Total	Soil	EPA 3550B	
NUE2087-01	S-051011-MD-A-8	Total	Soil	EPA 3550B	
NUE2087-02	S-051011-MD-B-6	Total	Soil	EPA 3550B	
NUE2087-03	S-051011-MD-C-6	Total	Soil	EPA 3550B	
NUE2087-04	S-051011-MD-D-6	Total	Soil	EPA 3550B	
NUE2087-05	S-051011-MD-E-6	Total	Soil	EPA 3550B	
NUE2087-06	S-051011-MD-F-10	Total	Soil	EPA 3550B	

Prep Batch: 11E3352_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3352-BLK1	11E3352-BLK1	Total	Soil	EPA 3550B	
11E3352-BS1	11E3352-BS1	Total	Soil	EPA 3550B	
11E3352-MS1	NUE1964-01	Total	Soil	EPA 3550B	
11E3352-MSD1	NUE1964-01	Total	Soil	EPA 3550B	
NUE2087-07	S-051111-MD-Bin1	Total	Soil	EPA 3550B	

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

GC Semivolatiles (Continued)

Prep Batch: 11E4074_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E4074-BLK1	11E4074-BLK1	Total	Soil	MADEP soil	
11E4074-BLK1	11E4074-BLK1	Total	Soil	MADEP soil	
11E4074-BS1	11E4074-BS1	Total	Soil	MADEP soil	
11E4074-BS1	11E4074-BS1	Total	Soil	MADEP soil	
11E4074-MS1	S-051011-MD-A-8	Total	Soil	MADEP soil	
11E4074-MS1	S-051011-MD-A-8	Total	Soil	MADEP soil	
11E4074-MSD1	S-051011-MD-A-8	Total	Soil	MADEP soil	
11E4074-MSD1	S-051011-MD-A-8	Total	Soil	MADEP soil	
NUE2087-01	S-051011-MD-A-8	Total	Soil	MADEP soil	
NUE2087-01	S-051011-MD-A-8	Total	Soil	MADEP soil	

Pesticides

Analysis Batch: U008568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3339-BLK1	11E3339-BLK1	Total	Soil	SW846 8082	11E3339_P
11E3339-BS1	11E3339-BS1	Total	Soil	SW846 8082	11E3339_P
11E3339-MS1	NUE2040-01	Total	Soil	SW846 8082	11E3339_P
11E3339-MSD1	NUE2040-01	Total	Soil	SW846 8082	11E3339_P

Analysis Batch: U008713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NUE2087-06	S-051011-MD-F-10	Total	Soil	SW846 8082	11E3339_P

Prep Batch: 11E3339_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3339-BLK1	11E3339-BLK1	Total	Soil	EPA 3550C/3665A	
11E3339-BS1	11E3339-BS1	Total	Soil	EPA 3550C/3665A	
11E3339-MS1	NUE2040-01	Total	Soil	EPA 3550C/3665A	
11E3339-MSD1	NUE2040-01	Total	Soil	EPA 3550C/3665A	
NUE2087-06	S-051011-MD-F-10	Total	Soil	EPA 3550C/3665A	

Metals

Leach Batch: 11E3223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	TCLP Extraction	
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	TCLP Extraction	

Analysis Batch: 11E3906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3906-BLK1	11E3906-BLK1	TCLP	Water	SW846 1311/6010B	11E3906_P
11E3906-BS1	11E3906-BS1	TCLP	Water	SW846 1311/6010B	11E3906_P
11E3906-MS1	NUE2023-01	TCLP	Water	SW846 1311/6010B	11E3906_P
11E3906-MSD1	NUE2023-01	TCLP	Water	SW846 1311/6010B	11E3906_P
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	SW846 1311/6010B	11E3906_P

TestAmerica Nashville

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Metals (Continued)

Analysis Batch: 11E3960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3960-BLK1	11E3960-BLK1	TCLP	Water	SW846 1311/7470A	11E3960_P
11E3960-BS1	11E3960-BS1	TCLP	Water	SW846 1311/7470A	11E3960_P
11E3960-MS1	NUE2085-01	TCLP	Water	SW846 1311/7470A	11E3960_P
11E3960-MSD1	NUE2085-01	TCLP	Water	SW846 1311/7470A	11E3960_P
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	SW846 1311/7470A	11E3960_P

Prep Batch: 11E3906_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3906-BLK1	11E3906-BLK1	TCLP	Water	EPA 3015A	
11E3906-BS1	11E3906-BS1	TCLP	Water	EPA 3015A	
11E3906-MS1	NUE2023-01	TCLP	Water	EPA 3015A	
11E3906-MSD1	NUE2023-01	TCLP	Water	EPA 3015A	
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	EPA 3015A	11E3223

Prep Batch: 11E3960_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3960-BLK1	11E3960-BLK1	TCLP	Water	EPA 7470	
11E3960-BS1	11E3960-BS1	TCLP	Water	EPA 7470	
11E3960-MS1	NUE2085-01	TCLP	Water	EPA 7470	
11E3960-MSD1	NUE2085-01	TCLP	Water	EPA 7470	
NUE2087-07	S-051111-MD-Bin1	TCLP	Soil	EPA 7470	11E3223

Extractions

Analysis Batch: 11E3363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3363-BLK1	11E3363-BLK1	Total	Soil	SW846 9071B	11E3363_P
11E3363-BS1	11E3363-BS1	Total	Soil	SW846 9071B	11E3363_P
11E3363-DUP1	NUE1367-01RE1	Total	Soil	SW846 9071B	11E3363_P
11E3363-MS1	NUE1367-01RE1	Total	Soil	SW846 9071B	11E3363_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	SW846 9071B	11E3363_P

Analysis Batch: 11E5185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5185-DUP1	S-051011-MD-A-8	Total	Soil	SW-846	11E5185_P
NUE2087-01	S-051011-MD-A-8	Total	Soil	SW-846	11E5185_P
NUE2087-02	S-051011-MD-B-6	Total	Soil	SW-846	11E5185_P
NUE2087-03	S-051011-MD-C-6	Total	Soil	SW-846	11E5185_P
NUE2087-04	S-051011-MD-D-6	Total	Soil	SW-846	11E5185_P
NUE2087-05	S-051011-MD-E-6	Total	Soil	SW-846	11E5185_P
NUE2087-06	S-051011-MD-F-10	Total	Soil	SW-846	11E5185_P
NUE2087-07	S-051111-MD-Bin1	Total	Soil	SW-846	11E5185_P

Prep Batch: 11E3363_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E3363-BLK1	11E3363-BLK1	Total	Soil	EPA 9071B-Soil	
11E3363-BS1	11E3363-BS1	Total	Soil	EPA 9071B-Soil	
11E3363-DUP1	NUE1367-01RE1	Total	Soil	EPA 9071B-Soil	
11E3363-MS1	NUE1367-01RE1	Total	Soil	EPA 9071B-Soil	

TestAmerica Nashville

QC Association Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Extractions (Continued)

Prep Batch: 11E3363_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NUE2087-01	S-051011-MD-A-8	Total	Soil	EPA 9071B-Soil	

Prep Batch: 11E5185_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11E5185-DUP1	S-051011-MD-A-8	Total	Soil	% Solids	
NUE2087-01	S-051011-MD-A-8	Total	Soil	% Solids	
NUE2087-02	S-051011-MD-B-6	Total	Soil	% Solids	
NUE2087-03	S-051011-MD-C-6	Total	Soil	% Solids	
NUE2087-04	S-051011-MD-D-6	Total	Soil	% Solids	
NUE2087-05	S-051011-MD-E-6	Total	Soil	% Solids	
NUE2087-06	S-051011-MD-F-10	Total	Soil	% Solids	
NUE2087-07	S-051111-MD-Bin1	Total	Soil	% Solids	

Lab Chronicle

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-A-8

Date Collected: 05/10/11 14:30

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-01

Matrix: Soil

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.548	11E5815_P	05/10/11 14:30	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009010	05/22/11 05:26	MJH	TAL NSH
Total	Prep	EPA 3550B		0.991	11E3345_P	05/19/11 08:20	TDM	TAL NSH
Total	Analysis	SW846 8270CSIM		1.00	U008958	05/23/11 15:00	BES	TAL NSH
Total	Prep	MADEP		0.893	11E3474_P	05/10/11 14:30	DXO	TAL NSH
Total	Analysis	NWTPH VPH		50.0	U008501	05/13/11 18:33	DXO	TAL NSH
Total	Prep	EPA 5035A (GC)		0.904	11E3247_P	05/10/11 14:30	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 02:10	SSN	TAL NSH
Total	Prep	MADEP soil		0.965	11E4074_P	05/19/11 09:30	JML	TAL NSH
Total	Analysis	NWTPH EPH		1.00	U009117	05/23/11 21:02	JLF	TAL NSH
Total	Analysis	NWTPH EPH		1.00	U009117	05/23/11 21:32	JLF	TAL NSH
Total	Prep	EPA 3550B		0.990	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 06:48	KKH	TAL NSH
Total	Prep	EPA 9071B-Soil		1.00	11E3363_P	05/13/11 10:23	JJR	TAL NSH
Total	Analysis	SW846 9071B		1.00	11E3363	05/13/11 15:52	JJR	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: S-051011-MD-B-6

Date Collected: 05/10/11 15:20

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-02

Matrix: Soil

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.931	11E5815_P	05/10/11 15:20	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009010	05/22/11 05:57	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		0.921	11E3247_P	05/10/11 15:20	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 02:34	SSN	TAL NSH
Total	Prep	EPA 3550B		0.968	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 07:12	KKH	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: S-051011-MD-C-6

Date Collected: 05/10/11 15:25

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-03

Matrix: Soil

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.909	11E5815_P	05/10/11 15:25	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009010	05/22/11 06:28	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		0.967	11E3247_P	05/10/11 15:25	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 02:58	SSN	TAL NSH
Total	Prep	EPA 3550B		0.988	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 07:36	KKH	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

TestAmerica Nashville

Lab Chronicle

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051011-MD-D-6

Date Collected: 05/10/11 15:30

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-04

Matrix: Soil

Percent Solids: 91

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.898	11E5815_P	05/10/11 15:30	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009010	05/22/11 07:00	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		1.01	11E3247_P	05/10/11 15:30	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 03:22	SSN	TAL NSH
Total	Prep	EPA 3550B		0.993	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 08:00	KKH	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: S-051011-MD-E-6

Date Collected: 05/10/11 15:35

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-05

Matrix: Soil

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.858	11E5788_P	05/10/11 15:35	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009101	05/23/11 17:10	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		1.09	11E3247_P	05/10/11 15:35	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 03:46	SSN	TAL NSH
Total	Prep	EPA 3550B		0.998	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 08:24	KKH	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: S-051011-MD-F-10

Date Collected: 05/10/11 15:40

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-06

Matrix: Soil

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.917	11E5788_P	05/10/11 15:40	CHH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U009101	05/23/11 17:41	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		1.01	11E3247_P	05/10/11 15:40	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/18/11 04:10	SSN	TAL NSH
Total	Prep	EPA 3550B		0.996	11E3349_P	05/19/11 11:35	JJR	TAL NSH
Total	Analysis	NWTPH-Dx		1.00	U008877	05/20/11 08:48	KKH	TAL NSH
Total	Prep	EPA 3550C/3665A		0.972	11E3339_P	05/16/11 09:50	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	U008713	05/19/11 05:39	RMC	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: S-051111-MD-Bin1

Date Collected: 05/11/11 08:00

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-07

Matrix: Soil

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.971	11E4507_P	05/23/11 15:50	CHH	TAL NSH

TestAmerica Nashville

Lab Chronicle

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Client Sample ID: S-051111-MD-Bin1

Date Collected: 05/11/11 08:00

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-07

Matrix: Soil

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Analysis	SW846 8260B		1.00	U009074	05/23/11 19:32	KXC	TAL NSH
Total	Analysis	CA LUFT GC/MS		1.00	U009074	05/23/11 19:32	KXC	TAL NSH
Total	Prep	EPA 3550B		0.990	11E3352_P	05/13/11 14:15	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	U008475	05/15/11 06:11	KKH	TAL NSH
TCLP	Leach	TCLP Extraction		1.00	11E3223	05/13/11 14:00	SJM	TAL NSH
TCLP	Prep	EPA 3015A		1.00	11E3906_P	05/16/11 08:09	ALJ	TAL NSH
TCLP	Analysis	SW846 1311/6010B		1.00	11E3906	05/16/11 15:18	LTB	TAL NSH
TCLP	Prep	EPA 7470		1.00	11E3960_P	05/16/11 12:05	DEB	TAL NSH
TCLP	Analysis	SW846 1311/7470A		1.00	11E3960	05/17/11 13:30	DEB	TAL NSH
Total	Prep	% Solids		1.00	11E5185_P	05/20/11 16:49	AMS	TAL NSH
Total	Analysis	SW-846		1.00	11E5185	05/23/11 14:57	AMS	TAL NSH

Client Sample ID: Trip Blank

Date Collected: 05/10/11 00:01

Date Received: 05/13/11 08:45

Lab Sample ID: NUE2087-09

Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.00	11E5788_P	05/10/11 00:01	CHH	TAL NSH
Total	Analysis	SW846 8260B		50.0	U009101	05/23/11 14:31	MJH	TAL NSH
Total	Prep	EPA 5035A (GC)		1.00	11E3247_P	05/10/11 00:01	CHH	TAL NSH
Total	Analysis	NWTPH-Gx		50.0	U008692	05/17/11 14:53	SSN	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 9071B	General Chemistry Parameters		TAL NSH
CA LUFT GC/MS	Purgeable Petroleum Hydrocarbons		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270CSIM	Polyaromatic Hydrocarbons by EPA 8270C SIM		TAL NSH
NWTPH VPH	Purgeable Petroleum Hydrocarbons		TAL NSH
NWTPH-Gx	Purgeable Petroleum Hydrocarbons		TAL NSH
NWTPH EPH	Extractable Petroleum Hydrocarbons		TAL NSH
NWTPH-Dx	Extractable Petroleum Hydrocarbons with Silica Gel Treatment		TAL NSH
SW846 8015B	Extractable Petroleum Hydrocarbons		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 1311/6010B	TCLP Metals by 6000/7000 Series Methods		TAL NSH
SW846 1311/7470A	TCLP Metals by 6000/7000 Series Methods		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

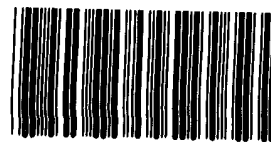
Client: Conestoga-Rovers & Asso. (Everett)/ Shell
Project/Site: 060613

TestAmerica Job ID: NUE2087

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		AIHA		100790
TestAmerica Nashville		USDA		S-48469
TestAmerica Nashville	A2LA	ISO/IEC 17025	0	0453.07
TestAmerica Nashville	A2LA	WY UST	0	453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska	Alaska UST	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas	State Program	6	88-0737
TestAmerica Nashville	CALA	CALA	0	3744
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	Kentucky UST	4	19
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Louisiana	NELAC	6	LA100011
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana	MT DEQ UST	8	NA
TestAmerica Nashville	Nevada	State Program	9	TN00032
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina	North Carolina DENR	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio	OVAP	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia	West Virginia DEP	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RECEIPT



NUE2087

Cooler Received/Opened On 5/12/2011@ 8:45

Tracking # 9614 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened 2.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES NO...NO...NA

6. Were custody papers inside cooler? YES NO...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) TH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO...NO...NA

12. Did all container labels and tags agree with custody papers? YES NO...NO...NA

13. Were VOA vials received? YES NO...NO...NA

14. Was there any observable headspace present in any VOA vial? YES NO...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NO...NA If multiple coolers, sequence # DA

I certify that I unloaded the cooler and answered questions 7-14 (initial) DA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) TH

17. Were custody papers properly filled out (ink, signed, etc)? YES NO...NO...NA

18. Did you sign the custody papers in the appropriate place? YES NO...NO...NA

19. Were correct containers used for the analysis requested? YES NO...NO...NA

20. Was sufficient amount of sample sent in each container? YES NO...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) TH

I certify that I attached a label with the unique LIMS number to each container (initial) TH

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

APPENDIX E

SOIL COMPACTION REPORT

LETTER OF TRANSMITTAL



3203 15th Street
Everett, WA 98201
Tel: [425] 252-5800
Fax: [425] 252-1093
www.clearcreekcon.com

TO: Conestoga-Rovers & Associates
1117 Tacoma Avenue South
Tacoma, WA 98402

ATTENTION: Jason Cornetta
DATE: 6/27/2011
PROJECT: Shell Petrovitsky Road Renton
JOB NO: 211044 TRANSMITTAL NO: 1

CC: _____

WE ARE SENDING YOU THE FOLLOWING ITEMS:

ITEM	COPIES	DESCRIPTION
1	1	Proctor results for native/overburden material.
2	1	Proctor results for import material.
3	1	In-place density testing results.

REMARKS:

Mass Excavation • Site Remediation • Site Development • Soil/Water Disposal
Stream/Wetland Restoration • Treatment System Installation • Test Pitting
UST Decommissioning • Haz. Waste Transportation • Drum Profiling & Disposal

Moisture Density Relationship Test

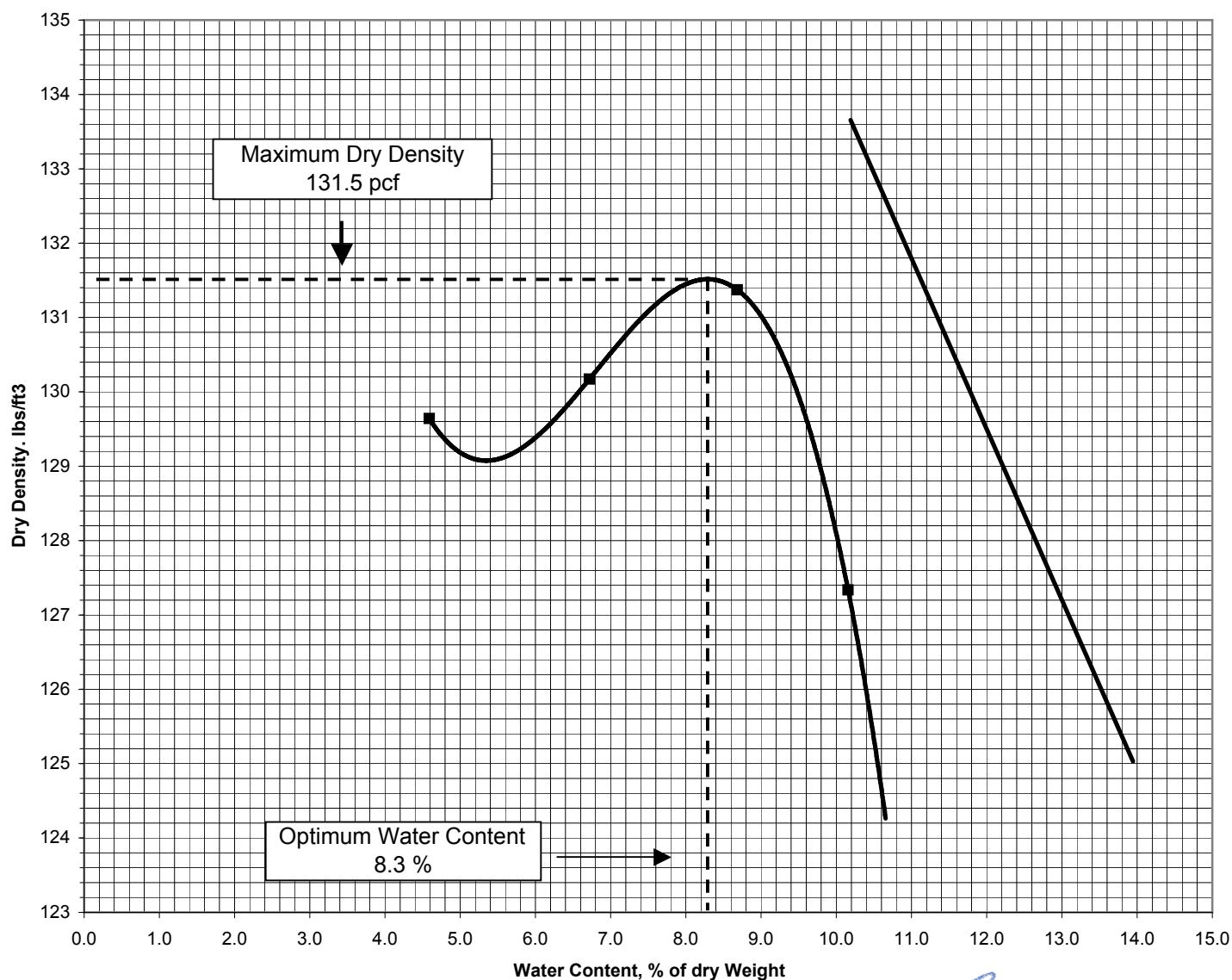
Client: Clearcreek ContractorsReport Date: 5/10/2011Date Tested: 5/9/2011Project: Former Shell-Branded Service StationProject Number: L11192Test Method: ASTM D-1557 Method C / C 127 / D 4718 (if needed)Lab Number: 4555Wet Preparation ☐ Mechanical ☒
Dry Preparation ☒ Hand Tamper ☐Date Received: 5/6/2011Source of Sample: JobsiteDescription of Sample: Brown silty sand with gravel and concreteBulk Specific Gravity of Oversize: 2.60Zero Void line plotted at an assumed SpG of: 2.65Max. Density Uncorrected: 127.5

Test Results

Optimum Water Content %	8.3
Max Dry Density Corr. lbs/ft ³	131.5

Sieve Analysis

Sieve Size	Percent Retained
3/4	14%
3/8	32%
#4	44%

Tested By: B. CookReviewed By: [Signature]

Dale Yoder, Lab Manager

Moisture Density Relationship TestClient: Clearcreek ContractorsReport Date: 5/16/2011Date Tested: 5/13/2011Project: Former Shell-Branded Service StationProject Number: L11192Test Method: ASTM D-1557 Method C / C 127 / D 4718 (if needed)Lab Number: 4565Wet Preparation ☐ Mechanical ☒
Dry Preparation ☒ Hand Tamper ☐Date Received: 5/11/2011Source of Sample: Interwest (Franklin pit)Description of Sample: Gravel Borrow

Bulk Specific Gravity of Oversize: 2.69

Zero Void line plotted at an assumed SpG of: 2.69

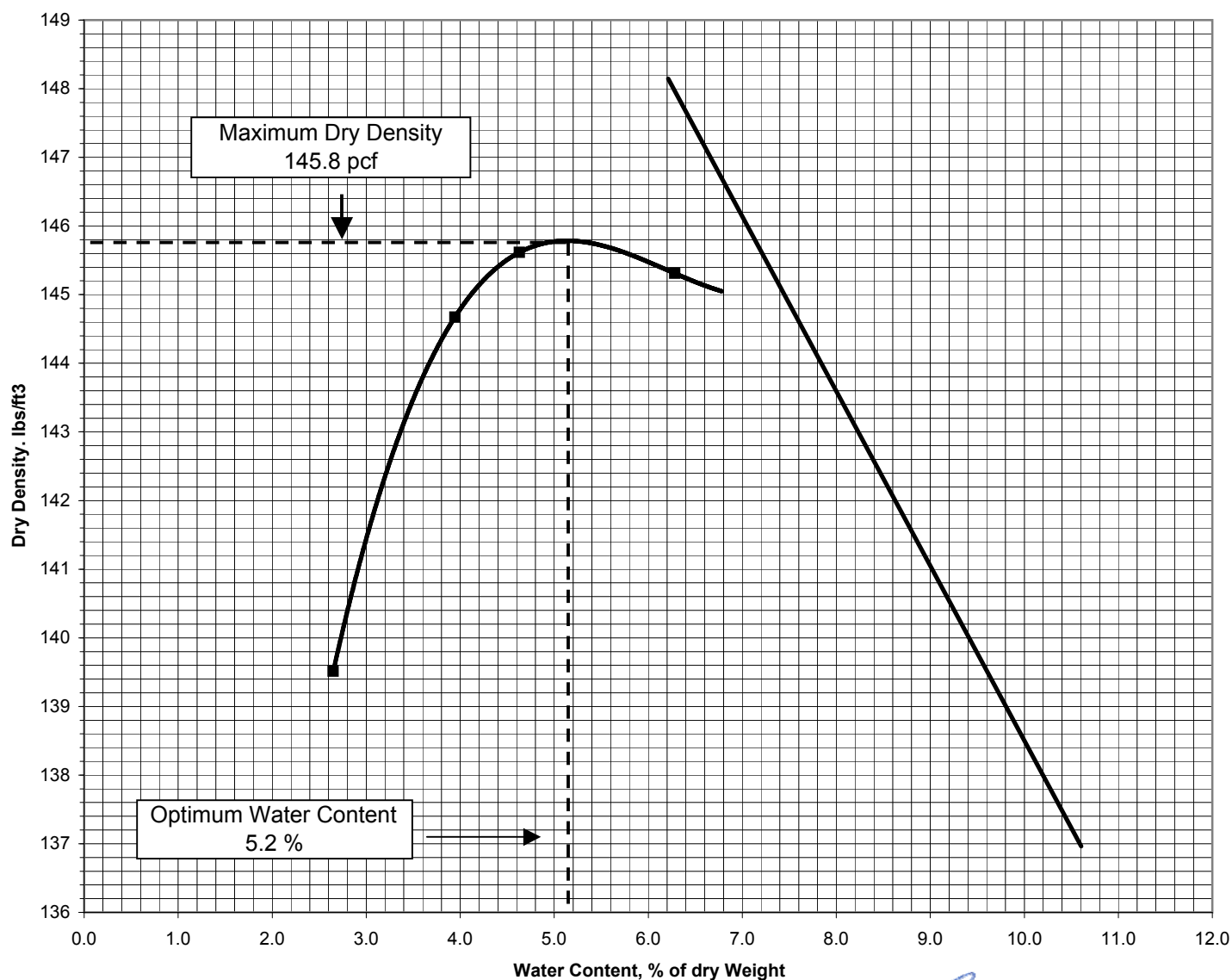
Max. Density Uncorrected: 140.6

Test Results

Optimum Water Content %	5.2
Max Dry Density Corr. lbs/ft ³	145.8

Sieve Analysis

Sieve Size	Percent Retained
3/4	22%
3/8	48%
#4	63%

Tested By: Z. RevillaReviewed By: Dale Yoder

Dale Yoder, Lab Manager

MAYES TESTING ENGINEERS, INC.

Seattle Office
20225 Cedar Valley Road
Suite 110
Lynnwood, WA 98036
ph 425.742.9360
fax 425.745.1737

Tacoma Office
10029 S. Tacoma Way
Suite E-2
Tacoma, WA 98499
ph 253.584.3720
fax 253.584.3707

Portland Office
7911 NE 33rd Drive
Suite 190
Portland, OR 97211
ph 503.281.7515
fax 503.281.7579

Project No. L11192
Project Former Shell-Branded Service Station
Address 14210 SE Petrovitsky Road, Renton, WA
Permit No. L11CG086
Bldg Dept. King County

Owner Terra Mar
Contractor Clearcreek Contractors

Record No. 001
Date 5/11/2011
Weather (indoors) / 60s
Inspection Soils density
Sample(s) (1) soil for Proctor (import material)

Performed soil density testing at the remedial excavation inside service bays (backfill). Dimensions of excavation were approximately 8-1/2' x 14' x 9-1/2' (deep). Backfill placed and compacted in lifts of 8" with a Hitachi Zaxis 75 excavator (with hoe pack) and a Bobcat S175. From bottom of excavation to 4' below grade, soils density tests were not taken due to safety concerns (confined space); however, a test patch of backfill material was compacted and tested to verify that project requirements for compaction (90%) were met with the anticipated amount of compactive effort. From 4' below grade to finish grade, soils density tests were taken and recorded for every 8" lift. See **attached** Soil Field Density Test Report for specific test results.

Material used from bottom of excavation to 2'8" below grade was native excavation from this same location (reference Mayes Testing Engineers Lab No. 4555 and a maximum corrected dry density of 131.5 lbs/cu ft). Remaining backfill was an imported gravel borrow from Interwest's Franklin pit. Tests taken on native material met project requirement (90% compaction); however, Mayes Testing Engineers has no current Proctor for imported material. One sample was collected for laboratory testing (Proctor, moisture-density curve). This work was performed with reference to Conestoga-Rovers and Associates "Cleanup Action Work Plan" dated 04-15-2011 and "Backfill Specification for Post Demolition Work at Retail Service Stations" dated 06-11-2007 (section 3.3 for compaction requirements).

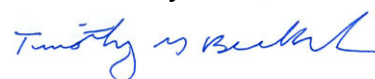
Matthew Davis with Conestoga-Rovers and Associates was present for entire backfilling operations. Mayes Testing Engineers understands that our scope of work for this project is limited to soils density testing only (through conversation with Matthew Davis).

Attended site safety meeting at 7:00 a.m. Mayes Testing Engineers was on standby until approximately 11:00 a.m., when Bobcat was delivered to project site.

To the best of our knowledge, all items inspected today are in conformance with approved plans and specifications.

Inspector: Ira Sisson

Reviewed By:



Timothy G. Beckerle, P.E.
Branch Manager

20225 Cedar Valley Road, Suite 110 Ph 425.742.9360
Lynnwood, WA 98036 Fax 425.745.1737

10029 S. Tacoma Way, Suite E-2 Ph 253.584.3720
Tacoma, WA 98499 Fax 253.584.3707

7911 NE 33rd Drive, Suite 190 Ph 503.281.7515
Portland, OR 97211 Fax 503.281.7579

Soil FIELD DENSITY TEST REPORT

ASTM D 6938

Project No.: L11192 Date: 5/11/2011Project: Former Shell-Branded Service StationInspector: Ira SissonMTE Nuclear Gauge No.: 25

Test #	Location	Depth or Elevation (feet)	Backscatter / Direct Transmission	Laboratory		Field				Soil Type Description
				Max Dry Density (PCF)	OMC %	Wet Density (PCF)	Dry Density (PCF)	Moisture Content %	Compaction %	
1	North end	-4'	D.T. 6"	131.5	8.3	131.3	120.0	9.4	91	Native (Lab No. 4555)
2	North end	-3'4"	D.T. 6"	131.5	8.3	132.0	120.3	9.7	92	Native
3	South end	-2'8"	D.T. 6"	131.5	8.3	134.6	123.5	9.0	94	Native
4	South end	-2'	D.T. 6"	145.8	5.2	149.1	138.4	7.7	95	Import, Gravel Borrow
5	North end	-1'4"	D.T. 6"	145.8	5.2	148.7	138.3	7.5	95	Import
6	South end	-8"	D.T. 6"	145.8	5.2	148.6	138.4	7.4	95	Import
7	South end	Finish	D.T. 6"	145.8	5.2	148.5	138.6	7.9	95	Import

Specification Compaction and Material : 90%☒ ASTM D 1557 (Modified Proctor)☐ ASTM D 698 (Standard Proctor)

Type and Number of earth moving units: _____

Type and Number of Compaction units: _____

Number of Passes: 3+ Thickness of lift: 8"

Method of Adding Moisture: _____

Comments: _____

☐ In our opinion, fill generally meets specifications as indicated by test numbers:☐ In our opinion, fill does not meet specifications as indicated by test numbers:☐ Fill test meets compaction specifications☐ Contractor Advised☒ Full-time observation☐ Part-time observation

QC Sample: Test No.: _____ Dry Density: _____ Moisture %: _____

APPENDIX F
TEE EXCLUSION FORM



Voluntary Cleanup Program

Washington State Department of Ecology Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION EXCLUSION FORM

Under the Model Toxics Control Act (MTCA), a Terrestrial Ecological Evaluation (TEE) is not required if the Site meets the criteria in WAC 173-340-7491 for an exclusion. If you determine that your Site does not require a TEE, please complete this form and submit it to the Department of Ecology (Ecology) at the appropriate time, either with your VCP Application or with a subsequent request for a written opinion. Please note that exclusion from the TEE does not exclude the Site from an evaluation of aquatic or sediment ecological receptors.

If your Site does not meet the criteria for exclusion under WAC 173-340-7491, then you may have to conduct a simplified TEE in accordance with WAC 173-340-7492 or a site-specific TEE in accordance with WAC 173-340-7493. If you have questions about conducting a simplified or site-specific TEE, please contact the Ecology site manager assigned to your Site or the appropriate Ecology regional office.

Step 1: IDENTIFY HAZARDOUS WASTE SITE AND EVALUATOR

Please identify below the hazardous waste site for which you are documenting an exclusion from conducting a TEE and the name of the person who conducted the evaluation.

Facility/Site Name: Former Shell-Branded Service Station

Facility/Site Address: 14210 Southeast Petrovitsky Road, Renton, Washington

Facility/Site No: 34987922

VCP Project No.:

Name of Evaluator: Jason Cornetta

Step 2: DOCUMENT BASIS FOR EXCLUSION

The bases for excluding a site from a terrestrial ecological evaluation are set forth in WAC 173-340-7491(1). Please identify below the basis for excluding your Site from further evaluation. Please check all that apply.

POINT OF COMPLIANCE – WAC 173-340-7491(1)(A)

- 1-☐ No contamination present at site.
- 2-☐ All contamination is 15 feet below ground level prior to remedial activities.
- 3-☐ All contamination is six feet below ground level and an institutional control has been implemented as required by WAC 173-340-440.
- 4-☐ All contamination is below a site-specific point of compliance established in compliance with WAC 173-340-7490(4)(b) with an institutional control implemented as required by WAC 173-340-440. ***Please provide documentation that describes the rationale for setting a site-specific point of compliance.***

BARRIERS TO EXPOSURE – WAC 173-340-7491(1)(b)

- 5-☐ All contaminated soil, is or will be, covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife and an institutional control has been implemented as required by WAC 173-340-440. ***An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.***

Step 2: DOCUMENT BASIS FOR EXCLUSION continued

UNDEVELOPED LAND – WAC 173-340-7491(1)(c)

“Undeveloped land” is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

“Contiguous” undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

- There is less than one-quarter acre of contiguous undeveloped land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.
- 6- ☐ For sites not containing any of the chemicals mentioned above, there is less than one-and-a-half acres of contiguous undeveloped land on or within 500 feet of any area of the Site.
- 7- ☒

BACKGROUND CONCENTRATIONS – WAC 173-340-7491(1)(d)

- 8- ☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

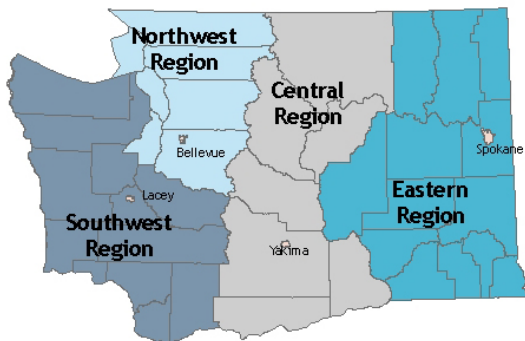
Step 3: PROVIDE EXPLANATION FOR EXCLUSION (IF NECESSARY)

None of the chemicals listed in point 6 (above) are present at the Site.

Attach additional pages if necessary.

Step 4: SUBMITTAL

Please mail your completed form to Ecology at the appropriate time, either with your VCP Application or with a subsequent request for a written opinion. If you complete the form after you enter the VCP, please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region:

Attn: Sara Maser
3190 160th Ave. SE
Bellevue, WA 98008-5452

Central Region:

Attn: Mark Dunbar
15 W. Yakima Ave., Suite 200
Yakima, WA 98902

Southwest Region:

Attn: Scott Rose
P.O. Box 47775
Olympia, WA 98504-7775

Eastern Region:

Patti Carter
N. 4601 Monroe
Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Former Shell-Branded Service Station, 14210 Southeast Petrovitsky Road, Renton , WA

