

**SITE INVESTIGATION REPORT
CHEVRON SITE NO. 352300
274 State Route
Tekoa, Washington**

June 22, 2012

**Prepared for:
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, California 94583**

**Prepared by:
SAIC Energy, Environment & Infrastructure, LLC
405 S 8th Street, Suite 301
Boise, Idaho 83702**



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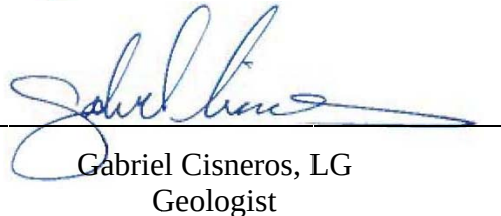
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SITE INVESTIGATION REPORT CHEVRON SITE NO. 352300

1. INTRODUCTION

This report documents the activities and findings of a site investigation performed by SAIC Energy, Environment & Infrastructure, LLC (SAIC) on behalf of Chevron Environmental Management Company (CEMC) at Chevron site no. 352300 (the site), located in Tekoa, Washington. This investigation was performed as an independent action to define the lateral and vertical extent of residual hydrocarbon-affected soil at the center and southeastern portion of the site and evaluate remedial options.

2. SITE BACKGROUND

2.1 SITE DESCRIPTION

The Chevron site no. 352300 is located at 274 State Route in Tekoa, Washington and is owned by Chevron. The site is bounded by Little Hangman Creek, agricultural land, and State Highway 274 to the north; by the former Union Pacific Railroad line (tracks and ties have been removed) and agricultural land to the south; and by agricultural land to the east and west. The property is accessible via a short roadway leading south from State Route 274. The site is currently undeveloped. The only site features are perimeter chain-link fencing, one electrical utility pole, and a concrete bridge over Little Hangman Creek.

2.2 SITE HISTORY

The site was purchase by Standard Oil Company in 1917 and operated as a petroleum-based fuels bulk storage facility until 1975, when it was closed. There were three (3) above ground 19,995-gallon tanks, of unknown contents and one (1) 18,137-gallon tank located on the site. The location and construction details of the smaller tank are unknown. All storage tanks were removed from the site upon closure of the plant.

The site was leased by Cash Hardware Company from the late 1970s to 2004 and used to store John Deere farm equipment. Buildings associated with the plant, including a garage, warehouse, office, and pump house, were removed in 2005 under Chevron direction.

2.3 PREVIOUS INVESTIGATIONS

Two environmental investigations were performed at the site in 2007 and 2008. The results of the investigations and groundwater monitoring have confirmed petroleum impacts in both soil and groundwater and are summarized in the SAIC 2011 Conceptual Site Model report.

3. SITE ASSESSMENT ACTIVITIES

3.1 OBJECTIVES AND PRE-FIELD ACTIVITIES

The primary objective of the site investigation activities was to collect data to further define the extent of residual hydrocarbon-affected soil in the center and southeastern portion of the site, in the vicinity of the former loading rack, former warehouse and office, former pump house, and former ASTs. Before commencing field work, a site-specific health and safety plan was prepared in accordance with SAIC policy and CEMC protocol.

3.2 SUBSURFACE UTILITY LOCATION

Prior to beginning the site investigation activities, all underground utilities were marked by the public Utilities Underground Location Center. In addition, a private utility locator performed a geophysical survey to verify the presence of all subsurface structures on the subject property within the vicinity of the proposed soil boring locations.

3.3 BORING INSTALLATION AND SOIL SAMPLING

Between April 17 and 19, 2012, 19 soil borings (B-1 through B-19) were advanced to depths between 3.5 and 10.5 feet below ground surface (bgs) using a hand auger. Locations of the soil borings are shown on Figure 1. Boring log construction details are provided in Appendix A.

During hand auger operations, soil samples were collected at 1-foot intervals between the ground surface and total depth explored. Following completion, each boring was backfilled and completed to match surface material.

Each soil boring location was logged by a geologist in accordance with the Unified Soil Classification System (USCS) Visual-Manual Procedure (American Society for Testing and Materials Method D2488). Soil samples from each boring were screened for the presence of hydrocarbons using a photo-ionization detector (PID), and the results were recorded on the soil boring logs. Soil samples were selected for laboratory analysis based on field observations including headspace screening concentrations and sheen.

Samples selected for laboratory analysis were analyzed for:

- Gasoline-range hydrocarbons (TPH-G) by Northwest Method NWTPH-Gx;
- Diesel-range hydrocarbons (TPH-D) and heavy oil-range hydrocarbons (TPH-O) by Northwest Method NWTPH-Dx extended;
- Benzene, toluene, ethylbenzene, and total xylenes by United States Environmental Protection Agency (USEPA) Method 8260B;
- Total lead by USEPA Method 6010B; and
- 1,2-Dichloroethane and naphthalene by USEPA Method 8260B.

Selected samples were also analyzed for selected volatile organic compounds (VOCs) by USEPA Method 8260B, carcinogenic polynuclear aromatic hydrocarbons (cPAHs) by USEPA Method 8270C SIM, volatile petroleum hydrocarbons (VPH) by Washington VPH Method, and extractable petroleum hydrocarbons (EPH) by Washington EPH Method.

Samples collected for laboratory analysis were submitted under chain-of-custody protocol to Lancaster Laboratories in Lancaster, Pennsylvania. Soil analytical results are summarized in Tables 1 through 4. The laboratory analysis reports are provided as Appendix B.

3.4 EQUIPMENT DECONTAMINATION

All reusable soil sampling equipment was decontaminated by washing in a Liquinox[™] solution followed by an initial rinse in tap bottled water, a subsequent rinse-off in a separate bucket with bottled water, and a final rinse in distilled water. Sample collection bowls and sheen pans were decontaminated immediately after collecting, logging, and screening each sample. All other

single-use disposable soil sampling materials/equipment (e.g. gloves, single-use sample syringes, and plastic bags) were discarded immediately after use and disposed of as municipal waste.

4. FINDINGS

4.1 GEOLOGY

The lithology is generally consistent across the site. The site subsurface soil consists of sandy silt to silt between ground surface and maximum depth explored. Lenses of coarse to medium sand with gravel were observed at depths between 1 and 2 feet bgs, organic silt at depths between 2 and 9 feet bgs, and silty to sandy gravel at depths between 7 and 10.5 feet bgs. Bedrock was observed between 8.5 and 10.5 feet bgs.

4.2 HYDROGEOLOGY

Data collected to date indicate the groundwater depths range between approximately 0.29 and 7.19 feet bgs with groundwater flow direction toward northwest.

During the April 2012 investigation, groundwater was encountered in each of the soil borings and ranged between 1.5 and 6 feet bgs.

4.3 NATURE AND EXTENT OF RESIDUAL HYDROCARBONS-AFFECTED SOIL

The lateral extent of hydrocarbon-affected soils have been confirmed to be present at the central and southeastern portion of the site in the vicinity of the former warehouse, former dock, former loading racks, former pump house, former office, and former ASTs. The lateral extent of soil concentrations exceeding the Model Toxic Control Act (MTCA) Method A cleanup levels is shown on Figure 2.

The analytical data indicate that gasoline-range hydrocarbons are the most widespread petroleum constituent at the site. The following is a summary of analytical results that exceeded MTCA Method A cleanup levels.

- The maximum concentration of TPH-G detected was 4,400 milligrams per kilogram (mg/kg) at a depth of 8 feet bgs in soil boring B-18, located in the vicinity of the former ASTs. TPH-G concentrations exceeding the MTCA Method A cleanup level were also detected in soil borings B-1, B-2, B-3, B-4, B-5, B-6, B-13, B-14, B-15, and B-16 at depths between 2 and 10 feet bgs.
- The maximum concentration of TPH-D detected was 2,700 mg/kg at a depth of 5 feet bgs in soil boring B-4.
- The maximum concentration of benzene detected was 0.11 mg/kg at 9 feet bgs in boring B-17. Benzene exceeding the MTCA Method A cleanup level was also detected in soil borings B-1, B-2, B-5, and B-6.
- The maximum concentration of total xylenes was 18 mg/kg at 4 and 5 feet bgs in borings B-13 and B-6, respectively.
- The maximum concentration of total lead detected was 504 mg/kg at 2 feet bgs in boring B-16.

- The maximum concentration of naphthalene detected was 7.80 mg/kg at 10 feet bgs in boring B-4. Naphthalene exceeding the MTCA Method A cleanup level was also detected in soil boring B-13.

The analytical data indicate that the petroleum constituents have not been detected above the MTCA Method A cleanup level in soil borings B-7 through B-12 and B-19. Soil sample analytical results from this investigation are summarized in Tables 1 through 4 and laboratory reports are presented in Appendix B.

5. CONCLUSIONS

As discussed above, soils beneath the site have been impacted by the former bulk plant operations. Residual hydrocarbon-affected soil is present primarily in the central and southeastern portions of the site. The likely sources of these petroleum impacts are from the former ASTs, the former loading racks, former dock, and former pump house.

Soil with gasoline-range hydrocarbons concentrations above the MTCA Method A cleanup levels is present at depths between 2 and 10 feet bgs as shown on Figure 2. In addition, the lateral extent of petroleum concentrations is not fully defined at the central portion of the southern property boundary. The property located to the south of the site is a former Union Pacific rail road, where the loading headers were most likely located. This area is located upgradient and the petroleum-affected soils are not expected to extend far to the south of the site boundary onto the adjacent property.

REPORT LIMITATIONS

This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and that SAIC shall have no responsibility or liability for the consequences thereof.

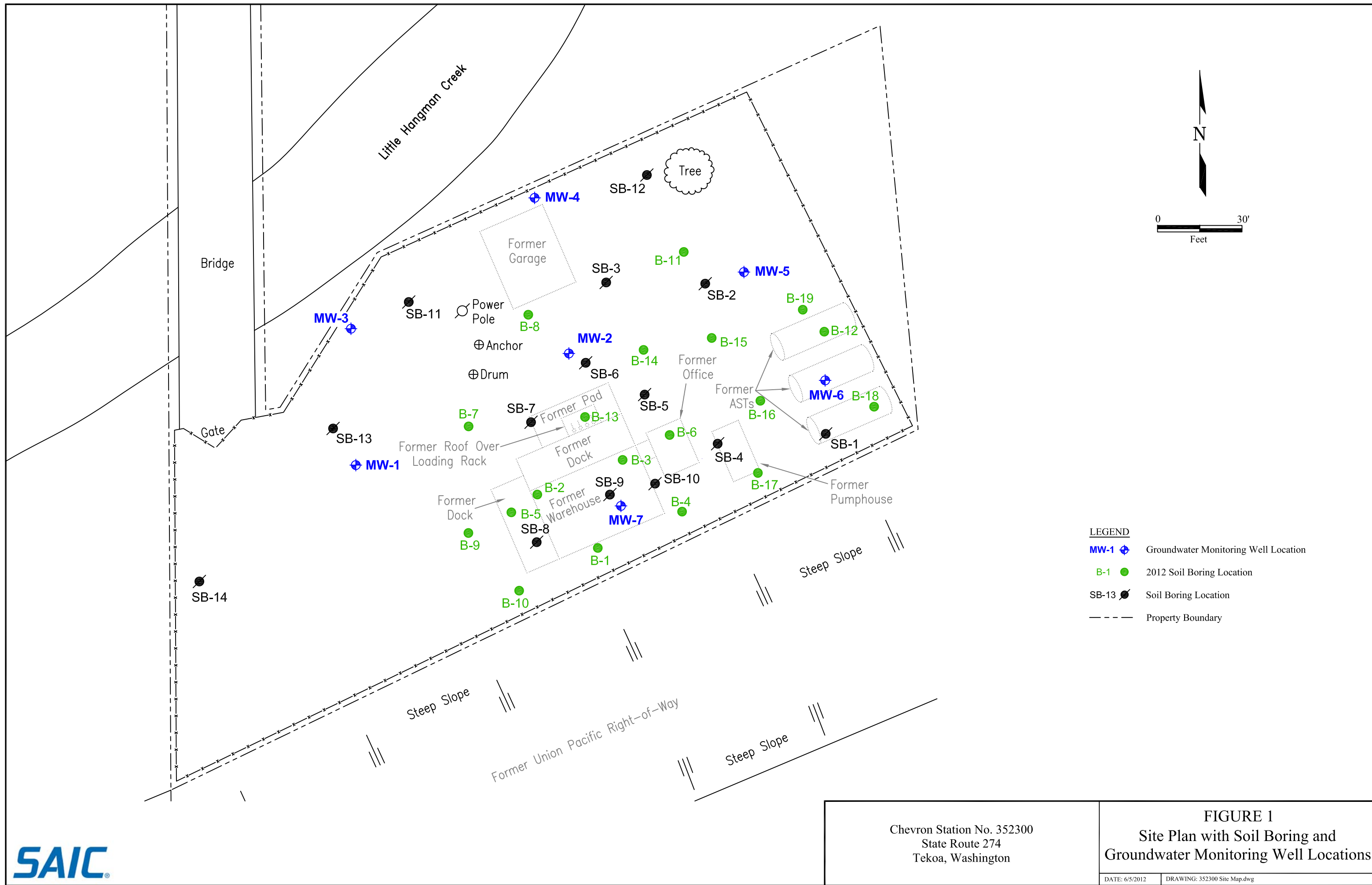
Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from CEMC and others. SAIC has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

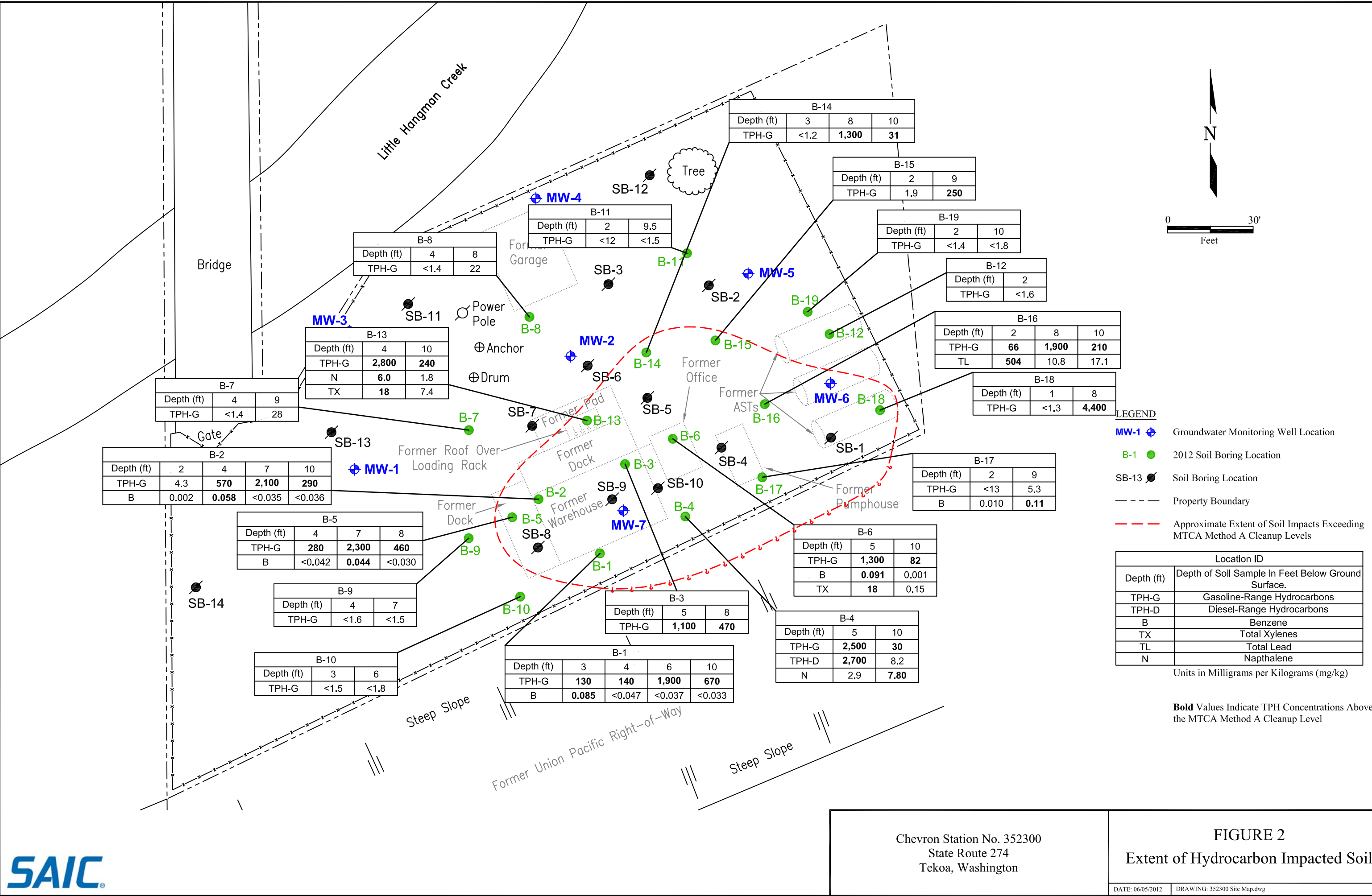
Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of SAIC's site visits or site work and cannot be applied to conditions and features of which SAIC is unaware and has not had the opportunity to evaluate.

All sources of information on which SAIC has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied upon by SAIC in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.

Figures





Tables

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
CHEVRON SITE NO. 352300
274 State Route, Tekoa, Washington
Concentrations in mg/kg

Sample Identification	Sample Depth (ft)	Sample Date	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Lead	EDB	EDC	MTBE	n-Hexane	Naphthalene
B-1	3	04/17/12	130	1,400	1,700	0.085	0.090	0.36	2.5	11.5	<0.089	--	--	--	0.20
	4	04/17/12	140	12	<14	<0.047	<0.094	<0.094	0.26	10.6	<0.094	--	--	--	0.18
	6	04/17/12	1,900	200	<150	<0.037	<0.074	0.59	3.4	24.1	<0.074	--	--	--	0.32
	10	04/17/12	670	88	<150	<0.033	<0.066	0.072	0.36	7.86	<0.066	--	--	--	<0.066
B-2	2	04/17/12	4.3	<3.7	<12	0.002	0.001	<0.001	0.004	114	<0.001	--	--	--	<0.001
	4	04/17/12	570	57	<160	0.058	<0.081	0.36	3.1	13.0	<0.081	--	--	--	1.2
	7	04/17/12	2,100	590	<160	<0.035	<0.071	<0.071	0.21	26.3	<0.071	<0.071	<0.035	0.65	0.083
	10	04/17/12	290	35	<12	<0.036	<0.072	<0.072	0.12	106	<0.072	--	--	--	0.15
B-3	5	04/17/12	1,100	590	<68	<0.037	<0.074	0.14	0.50	10.3	<0.074	--	--	--	0.20
	8	04/17/12	470	310	15	<0.040	<0.080	0.18	2.8	9.31	<0.080	--	--	--	1.0
B-4	5	04/17/12	2,500	2,700	<150	<0.037	<0.073	0.44	7.5	14.2	<0.073	--	--	--	2.9
	10	04/17/12	30	8.2	<13	0.003	<0.001	0.015	0.12	7.80	0.004	--	--	--	7.80
B-5	4	04/17/12	280	16	<13	<0.042	<0.084	0.17	0.79	13.1	<0.084	--	--	--	0.37
	7	04/17/12	2,300	470	<65	0.044	<0.066	0.49	4.4	13.9	<0.066	--	--	--	1.4
	8	04/17/12	460	21	<11	<0.030	<0.059	<0.059	<0.059	82.8	<0.059	--	--	--	0.072
B-6	5	04/17/12	1,300	170	<14	0.091	0.10	1.5	18	24.0	<0.081	--	--	--	4.9
	10	04/17/12	82	4.2	<12	0.001	<0.001	0.044	0.15	10.5	0.001	--	--	--	0.014
B-7	4	04/18/12	<1.4	<4.0	<13	0.001	<0.001	<0.001	<0.001	11.1	<0.001	--	--	--	<0.001
	9	04/18/12	28	<3.6	<12	0.002	<0.001	0.009	0.053	10.2	<0.001	--	--	--	0.013
B-8	4	04/18/12	<1.4	<3.8	<13	0.002	<0.001	<0.001	<0.001	8.93	<0.001	--	--	--	<0.001
	8	04/18/12	22	16	<13	0.0006	<0.001	<0.001	<0.001	11.2	<0.001	--	--	--	<0.001
B-9	4	04/18/12	<1.6	<3.9	<13	<0.0006	<0.001	<0.001	<0.001	11.9	<0.001	--	--	--	<0.001
	7	04/18/12	<1.5	<4.0	<13	0.0007	<0.001	<0.001	<0.001	13.2	<0.001	--	--	--	<0.001
B-10	3	04/18/12	<1.5	<4.0	<13	<0.0005	<0.001	<0.001	<0.001	10.6	<0.001	--	--	--	<0.001
	6	04/18/12	<1.8	<4.1	<14	0.001	<0.001	<0.001	<0.001	11.8	<0.001	--	--	--	<0.001
B-11	2	04/18/12	<12	130	340	<0.0005	<0.001	<0.001	<0.001	48.0	<0.001	--	--	--	<0.001
	9.5	04/18/12	<1.5	<4.0	<13	0.0006	<0.001	<0.001	<0.001	12.5	<0.001	--	--	--	<0.001
B-12	2	04/18/12	<1.6	<4.0	<13	0.0006	<0.001	<0.001	<0.001	11.3	<0.001	--	--	--	<0.001
B-13	4	04/18/12	2,800	350	<160	<0.070	<0.14	1.1	18	23.7	<0.14	<0.14	<0.070	1.2	6.0
	10	04/18/12	240	<50	<170	<0.040	<0.080	0.32	7.4	33.8	<0.080	--	--	--	1.8
B-14	3	04/18/12	<1.2	<3.7	<12	<0.0005	<0.001	<0.001	<0.001	12.2	<0.001	--	--	--	<0.001
	8	04/18/12	1,300	<45	<150	<0.035	<0.070	<0.070	<0.070	8.37	<0.070	--	--	--	0.11
	10	04/18/12	31	<3.7	<12	<0.0005	<0.001	<0.001	<0.001	7.91	<0.001	--	--	--	<0.001
B-15	2	04/19/12	1.9	<3.8	41	0.005	0.003	<0.001	0.002	102	<0.001	--	--	--	<0.001
	9	04/19/12	250	31	<14	<0.040	<0.081	<0.081	0.082	10.2	<0.081	--	--	--	<0.081
B-16	2	04/19/12	66	170	59	0.009	0.012	<0.001	0.006	504	<0.001	--	--	--	<0.001
	8	04/19/12	1,900	71	<14	<0.040	<0.080	1.8	3.1	10.8	<0.080	<0.080	<0.040	0.58	0.50
	10	04/19/12	210	17	<13	<0.034	<0.068	<0.068	<0.068	17.1	<0.068	--	--	--	<0.068

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
CHEVRON SITE NO. 352300
274 State Route, Tekoa, Washington
Concentrations in mg/kg

Sample Identification	Sample Depth (ft)	Sample Date	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Lead	EDB	EDC	MTBE	n-Hexane	Naphthalene
B-17	2	04/19/12	<13	6.3	<13	0.010	0.003	<0.001	<0.001	89.6	<0.001	--	--	--	<0.001
	9	04/19/12	5.3	24	<13	0.11	<0.001	0.003	0.004	12.3	<0.001	--	--	--	<0.001
B-18	1	04/19/12	<1.3	<3.8	<13	0.0006	<0.001	<0.001	<0.001	23.1	<0.001	--	--	--	<0.001
	8	04/19/12	4,400	400	<62	<0.031	<0.062	2.0	3.0	8.88	<0.062	--	--	--	1.9
B-19	2	04/19/12	<1.4	<3.8	68	0.0005	<0.001	<0.001	<0.001	10.4	<0.001	--	--	--	<0.001
	10	04/19/12	<1.8	<4.4	<15	0.0008	<0.001	<0.001	<0.001	11.2	<0.001	--	--	--	<0.001
MTCA Method A Cleanup Levels:			30	2,000	2,000	0.03	7	6	9	250	0.005	—	0.1	—	5

EXPLANATIONS:

Analytical results in bold indicate concentrations exceed MTCA Method A cleanup levels.
Laboratory analysis completed by Lancaster Laboratories, Inc. in Lancaster, Pennsylvania.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

EDB = 1,2-Dichloroethane

EDC = 1,2-Dibromoethane

MTBE = Methyl Tertiary Butyl Ether

ft = feet

MTCA = Model Toxics Control Act

mg/kg = Milligrams per kilogram

TPH = Total petroleum hydrocarbons

TPH-G = TPH as gasoline-range organics

TPH-D = TPH as diesel-range organics

TPH-O = TPH as heavy oil-range organics

USEPA = United States Environmental Protection Agency

— = Not Applicable

-- = Not Analyzed

< = Analyte not detected at or above the laboratory reporting limit

ANALYTICAL METHODS:

TPH-G analyzed by NWTPH-Gx.

TPH-D and TPH-O analyzed by NWTPH-Dx.

BTEX, EDB, EDC, MTBE, n-Hexane, and Naphthalene analyzed by USEPA Method 8260B.

Lead analyzed by USEPA Method 6010B.

TABLE 2
SOIL ANALYTICAL RESULTS - PAHs
CHEVRON SITE NO. 352300
274 State Route, Tekoa, Washington
Concentrations reported in mg/kg

Sample Identification	Sample Depth (ft)	Sample Date	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene
B-2	7	04/17/12	<0.053	<0.053	<0.053	<0.053	<0.027	<0.053	<0.053	1.4	1.4
B-13	4	04/18/12	<0.0087	<0.0087	<0.0087	<0.0087	0.0078	<0.0087	<0.0087	2.6	2.6
B-16	8	04/19/12	<0.00093	<0.00093	<0.00093	<0.00093	0.0012	<0.00093	<0.00093	0.81	0.23
MTCA Method A CULs:			—	0.1	—	—	—	—	—	—	—

EXPLANATIONS:

Laboratory analysis completed by Lancaster Laboratories, Inc. of Pennsylvania.

CULs = Cleanup levels

mg/kg = Milligrams per kilogram

MTCA = Model Toxics Control Act

PAHs = Polynuclear aromatic hydrocarbons

SIM = Selective ion monitoring

USEPA = United States Environmental Protection Agency

< = Analyte not detected at or above the laboratory reporting limit

— = MTCA Method B CUL not established

ANALYTICAL METHODS:

PAHs analyzed by USEPA Method 8270C SIM.

TABLE 3
SOIL ANALYTICAL RESULTS - EPH
CHEVRON SITE NO. 352300
274 State Route, Tekoa, Washington
Concentrations reported in mg/kg

Sample Identification	Sample Depth (ft)	Sample Date	>C10-C12 Aliphatic	>C10-C12 Aromatic	>C12-C16 Aliphatic	>C12-C16 Aromatic	>C16-C21 Aliphatic	>C16-C21 Aromatic	>C21-C34 Aliphatic	>C21-C34 Aromatic
B-2	7	04/17/12	160	8.3	310	29	180	58	52	17
B-13	4	04/18/12	510	36	270	42	15	8.1	<16	3.0
B-16	8	04/19/12	59	2.8	48	4.2	7.8	3.1	<8.4	<2.8
MTCA Method A CULs:			—	—	—	—	—	—	—	—

EXPLANATIONS:

Laboratory analysis completed by Lancaster Laboratories, Inc. of Pennsylvania.

CULs = Cleanup levels

mg/kg = Milligrams per kilogram

MTCA = Model Toxics Control Act

EPH = Extractable petroleum hydrocarbons

< = Analyte not detected at or above the laboratory reporting limit

— = MTCA Method B CUL not established

ANALYTICAL METHOD:

EPH analyzed by Washington EPH Method.

TABLE 4
SOIL ANALYTICAL RESULTS - VPH
CHEVRON SITE NO. 352300
274 State Route, Tekoa, Washington
Concentrations reported in mg/kg

Sample Identification	Sample Depth (ft)	Sample Date	Benzene	C5-C8 Aliphatic	C6-C8 Aliphatic	C8-C10 Aliphatic	C8-C10 Aromatic	Ethylbenzene	MTBE	Toluene	o-Xylene	m,p-Xylenes
B-2	7	04/17/12	0.251	<3.37	39.4	112	56.9	1.65	<0.0674	0.680	0.464	<0.135
B-13	4	04/18/12	2.97	10.0	321	689	398	15.5	0.117	8.34	5.47	8.66
B-16	8	04/19/12	0.525	<3.53	60.2	189	90.4	7.01	<0.0706	2.97	1.84	0.309
MTCA Method A CULs:			0.03	—	—	—	—	6	5	7	9	

EXPLANATIONS:

Analytical results in bold indicate concentrations exceed MTCA Method A CULs.

Laboratory analysis completed by Lancaster Laboratories, Inc. of Pennsylvania.

CULs = Cleanup levels

mg/kg = Milligrams per kilogram

MTCA = Model Toxics Control Act

MTBE = Methyl Tertiary Butyl Ether

VPH = Volatile petroleum hydrocarbons

< = Analyte not detected at or above the laboratory reporting limit

— = MTCA Method B CUL not established

ANALYTICAL METHOD:

VPH analyzed by Washington VPH Method.

Appendix A: Boring Logs



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Moist	0				ML		Topsoil.	
Moist	0.2				OL		(ML) Dark brown to brown, soft, SILT with some organics; no odor, no sheen.	
Moist	66.6		B-1-3	G = 130 D = 1,400 HO = 1,700 B = 0.085			(OL) Dark brown to black, soft, organic SILT; no odor, no sheen.	
Wet	174.4		B-1-4	G = 140 D = 12 HO = <14 B = <0.047			Same as above; slight odor, no sheen.	
Saturated	256				OL		Same as above; no odor, no sheen.	
Saturated	757		B-1-6	G = 1,900 D = 200 HO = <150 B = <0.037			(OL) Dark brown to dark gray, firm, organic SILT with high plasticity; strong odor, slight sheen.	
Saturated	607				OL		Same as above; strong odor, slight sheen.	
Saturated	360				OL		Same as above; strong odor, no sheen.	
Saturated	231				ML		(OL) Same as above; moderate odor, no sheen.	
Saturated	386		B-1-10	G = 670 D = 88 HO = <150 B = <0.033			(ML) Dark gray, firm, SILT with 5% fine sand; slight odor, no sheen.	
							Same as above with large angular clasts of basalt; slight odor, no sheen.	
							Bedrock at 10.5 feet.	
							Bottom of borehole at 10.5 feet.	



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.25 ft
Elevation: ft

[illegible]



18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Soil Boring: B-3

Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 8.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
								Topsoil.
Moist	0				ML		1	(ML) Brown with mottled orange, soft SILT with medium plasticity; no odor, no sheen.
Moist	0						2	Same as above; no odor, no sheen.
Moist	0.2						3	Same as above; no odor, no sheen.
Moist	0.6				ML		4	(ML) Dark brown to black, firm SILT with medium plasticity and some organics; no odor, no sheen.
Moist	570		B-2-5	G = 1,100 D = 590 HO = <68 B = <0.037			5	Same as above without organics; moderate odor, slight sheen.
Saturated	208						6	Same as above; moderate odor, no sheen.
Wet	576				ML		7	(ML) Dark brown to black, firm SILT with high plasticity; moderate odor, slight sheen.
Saturated	297		B-3-8	G = 470 D = 310 HO = 15 B = <0.040			8	Dark brown to black, firm SILT with high plasticity and 10% angular gravel; moderate odor, slight sheen. Basalt at 8.5 feet.
							9	Bottom of borehole at 8.5 feet.
							10	
							11	
							12	



18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Soil Boring: B-4

Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
								Topsoil.
Moist	0				ML		1	(ML) Light brown, soft SILT; no odor, no sheen.
Moist	0						2	Light brown with mottled orange, soft SILT with medium plasticity; no odor, no sheen.
Moist	0.2						3	Same as above; no odor, no sheen.
Moist	0.1				ML		4	(ML) Light brown, firm SILT with medium plasticity; no odor, no sheen.
Moist	683		B-4-5	G = 2,500 D = 2,700 HO = <150 B = <0.037			5	Light gray, firm, coarse SILT with medium plasticity; strong odor, slight sheen.
Wet	659						6	Olive gray, firm SILT with medium plasticity; strong odor, slight sheen.
Wet	532				ML		7	(ML) Olive gray, stiff SILT with high plasticity; moderate odor, slight sheen.
Wet	242						8	Same as above; slight odor, no sheen.
Wet	106.1						9	Olive gray, stiff, sandy, coarse SILT with 15% fine sand; slight odor, no sheen.
	44		B-4-10	G = 30 D = 8.2 HO = <13 B = 0.003	ML		10	(ML) Same as above; very slight odor, no sheen.
								Bedrock at 10.5 feet.
							11	Bottom of borehole at 10.5 feet.
							12	



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9 ft
Elevation: ft

[illegible]



18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Soil Boring: B-6

Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/17/2012
Date Completed: 4/17/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.17 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Moist	0.1				ML		1	Topsoil. (ML) Brown with mottled orange, firm SILT; no odor, no sheen.
Moist	0.3						2	Dark brown with mottled orange same as above with low plasticity; no odor, no sheen.
Moist	0.4						3	Same as above; no odor, no sheen.
Moist	12.3				ML		4	(ML) Same as above; no odor, no sheen.
Wet	489		B-6-5	G = 1,300 D = 170 HO = <14 B = 0.091			5	Dark brown to black, stiff, sandy SILT with medium plasticity and 10% fine sand; strong odor, medium sheen.
Saturated	475						6	Same as above; moderate odor, slight sheen.
Wet	331				ML		7	(ML) Olive gray, stiff SILT with high plasticity; moderate odor, no sheen.
Wet	108						8	Same as above; slight odor, no sheen.
Wet	240		B-6-10	G = 82 D = 4.2 HO = <12 B = 0.001	ML		9	Same as above; slight odor, no sheen.
							10	(ML) Olive brown with mottled orange, stiff SILT with high plasticity and angular clasts of basalt. Bedrock at 10 feet 2 inches.
								Bottom of borehole at 10.2 feet.
							11	
							12	



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
								Topsoil and gravel.
Moist	0		B-7-4	G = <1.4 D = <4.0 HO = <13 B = 0.001	ML		1	(ML) Dark brown, soft, sandy SILT with low plasticity and 10% medium sand; no odor, no sheen.
Moist	0.1						2	Same as above with high plasticity; no odor, no sheen.
Moist	0						3	Dark brown to black, firm SILT with high plasticity; no odor, no sheen.
Moist	0.2						4	(ML) Same as above; no odor, no sheen.
Wet	4.3						5	Dark olive brown, soft, coarse SILT; slight organic odor, no sheen.
Saturated	3.8		B-7-9	G = 28 D = <3.6 HO = <12 B = 0.002	OL		6	Same as above with some organics; no odor, no sheen.
Saturated	14						7	(OL) Dark olive gray to black, firm, organic SILT; no odor, no sheen.
Wet	12.8						8	Same as above; no odor, no sheen.
Saturated	47						9	(GW) Dark olive gray, loose, sandy, fine to coarse GRAVEL with 20% coarse sand; no odor, no sheen.
Saturated	15						10	
							11	Could not advance boring below 10.5 feet due to sloughing.
							12	Bottom of borehole at 10.5 feet.



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9.75 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9.25 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9.75 ft
Elevation: ft

[illegible]



18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Soil Boring: B-12

Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 3.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Moist	1.3				ML			Topsoil with concrete debris.
Wet	0		B-12-2	G = <1.6 D = <4.0 HO = <13 B = 0.0006			1	(ML) Dark olive brown, firm SILT with high plasticity; no odor, no sheen.
Saturated	0						2	Same as above; no odor, no sheen.
							3	Same as above; no odor, no sheen.
								Could not advance boring below 3.5 feet due to sloughing.
								Bottom of borehole at 3.5 feet.
							4	
							5	
							6	
							7	
							8	
							9	
							10	
							11	
							12	



18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Soil Boring: B-13

Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
								Rock base and gravel.
Moist	0				ML		1	(ML) Brown to dark brown with mottled orange, firm, sandy SILT with low plasticity and 10% fine sand; no odor, no sheen.
Moist	1.0						2	Same as above; no odor, no sheen.
Moist	1.0						3	Light brown, firm SILT with high plasticity; no odor, no sheen.
Wet	1,300		B-13-4	G = 2,800 D = 350 HO = <160 B = <0.070	ML		4	(ML) Dark brown to black, firm, coarse SILT with medium plasticity and 10% very fine sand; strong odor, moderate sheen.
Saturated	951						5	Same as above; strong odor, moderate sheen.
Saturated	993						6	Dark olive gray, firm SILT with high plasticity and <5% organics; strong odor, moderate sheen.
Wet	903				ML		7	(ML) Same as above; strong odor, moderate sheen.
Saturated	611						8	Same as above; moderate odor, slight sheen.
Saturated	271						9	Same as above; moderate odor, slight sheen.
Saturated	985		B-13-10	G = 240 D = <50 HO = <170 B = <0.040	ML		10	(ML) Dark olive gray, firm SILT with high plasticity and 5% angular clasts of basalt; moderate odor, moderate sheen.
							10.5	Bedrock at 10.5 feet.
							11	Bottom of borehole at 10.5 feet.
							12	



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.58 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/18/2012
Date Completed: 4/18/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9.92 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/19/2012
Date Completed: 4/19/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	Analytical Results (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Moist	1.2		B-16-2	G = 66 D = 170 HO = 59 B = 0.009	ML		Topsoil.	
Moist to Wet	0.6						1 (ML) Brown to dark brown, soft, sandy SILT with low plasticity, 30% fine to coarse sand, and 10% gravel; no odor, no sheen.	
Saturated	1.8						2 Same as above with medium plasticity, 20% fine gravel, and 30% medium to coarse sand; no odor, no sheen.	
Saturated	1.0		B-16-8	G = 1,900 D = 71 HO = <14 B = <0.040	ML		3 Light brown to olive brown, soft, coarse SILT with high plasticity; no odor, no sheen.	
Wet	0.8						4 (ML) Same as above; no odor, no sheen.	
Wet	758						5 Same as above; no odor, no sheen.	
Saturated	1,098		B-16-10	G = 210 D = 17 HO = <13 B = <0.034	ML		6 Same as above; moderate odor, moderate sheen.	
Saturated	1,280						7 (ML) Olive gray, firm, coarse SILT with high plasticity; strong odor, moderate sheen.	
Moist	527						8 Same as above; moderate odor, moderate sheen.	
	242				GW		9 Light brown with iron oxidation, firm, coarse SILT with high plasticity; slight odor, slight sheen.	
							10 (GW) Brown, loose, sandy, fine to coarse, rounded GRAVEL with 20% coarse sand; slight odor, slight sheen.	
							Bedrock at 10.5 feet.	
							Bottom of borehole at 10.5 feet.	
							11	
							12	



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/19/2012
Date Completed: 4/19/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 9.5 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/19/2012
Date Completed: 4/19/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 8.5 ft
Elevation: ft

[illegible]



Project: Chevron Facility No. 352300
Client: Chevron EMC
Location: Tekoa, Washington

Logged By: G. Cisneros
Date Started: 4/19/2012
Date Completed: 4/19/2012

Driller: Stratus Corp.
Drill Method: Hand Auger
Total Boring Depth: 10 ft
Elevation: ft

[illegible]

Appendix B:
Laboratory Analysis Reports

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

May 07, 2012

Project: 352300

Submittal Date: 04/21/2012

Group Number: 1303908

PO Number: 0015094807

Release Number: HARMON

State of Sample Origin: WA

Client Sample DescriptionLancaster Labs (LLI) #

B-2-2 Grab Soil Sample	6625376
B-1-3 Grab Soil Sample	6625377
B-2-4 Grab Soil Sample	6625378
B-1-4 Grab Soil Sample	6625379
B-1-6 Grab Soil Sample	6625380
B-1-10 Grab Soil Sample	6625381
B-2-7 Grab Soil Sample	6625382
B-2-10 Grab Soil Sample	6625383
B-3-5 Grab Soil Sample	6625384
B-4-5 Grab Soil Sample	6625385
B-4-10 Grab Soil Sample	6625386
B-5-4 Grab Soil Sample	6625387
B-6-5 Grab Soil Sample	6625388
B-5-8 Grab Soil Sample	6625389
B-6-10 Grab Soil Sample	6625390
B-5-7 Grab Soil Sample	6625391
B-8-4 Grab Soil Sample	6625392
B-7-4 Grab Soil Sample	6625393
B-7-9 Grab Soil Sample	6625394
B-8-8 Grab Soil Sample	6625395
B-10-3 Grab Soil Sample	6625396
B-9-4 Grab Soil Sample	6625397
B-9-7 Grab Soil Sample	6625398
B-10-6 Grab Soil Sample	6625399
B-11-2 Grab Soil Sample	6625400
B-12-2 Grab Soil Sample	6625401
B-13-4 Grab Soil Sample	6625402
B-11-9.5 Grab Soil Sample	6625403

B-13-10 Grab Soil Sample	6625404
B-14-3 Grab Soil Sample	6625405
B-14-8 Grab Soil Sample	6625406
B-14-10 Grab Soil Sample	6625407
B-16-2 Grab Soil Sample	6625408
B-15-2 Grab Soil Sample	6625409
B-16-8 Grab Soil Sample	6625410
B-15-9 Grab Soil Sample	6625411
B-16-10 Grab Soil Sample	6625412
B-18-1 Grab Soil Sample	6625413
B-17-2 Grab Soil Sample	6625414
B-18-8 Grab Soil Sample	6625415
B-17-9 Grab Soil Sample	6625416
B-19-2 Grab Soil Sample	6625417
B-19-10 Grab Soil Sample	6625418
B-3-8 Grab Soil Sample	6625419

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC SAIC
COPY TO
ELECTRONIC SAIC
COPY TO

Attn: Kinga Kozlowska

Attn: Ron Santos

Respectfully Submitted,



Jill M. Parker
Senior Specialist

(717) 556-7262

Sample Description: B-2-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625376
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--22

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.002	0.0005	0.85
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.85
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.85
10237	Naphthalene	91-20-3	N.D.	0.001	0.85
10237	Toluene	108-88-3	0.001	0.001	0.85
10237	Xylene (Total)	1330-20-7	0.004	0.001	0.85
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	4.3	1.4	27.48
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	114	0.269	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	19.7	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/25/2012 23:04	Andrea E Lando	0.85
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 09:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 09:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 09:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 00:56	Marie D John	27.48
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 09:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 12:29	Tracy A Cole	1

Sample Description: B-2-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625376
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--22

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121145708002	04/24/2012 20:10	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121145708002	04/24/2012 09:45	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-1-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625377
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--13

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.085	0.045	65.73
10237	1,2-Dichloroethane	107-06-2	N.D.	0.089	65.73
10237	Ethylbenzene	100-41-4	0.36	0.089	65.73
10237	Naphthalene	91-20-3	0.20	0.089	65.73
10237	Toluene	108-88-3	0.090	0.089	65.73
10237	Xylene (Total)	1330-20-7	2.5	0.089	65.73
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	130	17	305.87
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	1,400	100	25
08272	Heavy Range Organics C24-C40	n.a.	1,700	340	25
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.5	0.292	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	26.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121181AA	04/27/2012 13:21	Lauren C Temple	65.73
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 09:10	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 09:10	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 09:10	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 01:32	Marie D John	305.87
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 09:10	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/30/2012 17:22	Glorines Suarez-Rivera	25

Sample Description: B-1-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625377
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:29	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-2-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625378
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--24

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.058	0.041	60.15
10237	1,2-Dichloroethane	107-06-2	N.D.	0.081	60.15
10237	Ethylbenzene	100-41-4	0.36	0.081	60.15
10237	Naphthalene	91-20-3	1.2	0.081	60.15
10237	Toluene	108-88-3	N.D.	0.081	60.15
10237	Xylene (Total)	1330-20-7	3.1	0.081	60.15
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	570	33	604.23
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	57	49	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	160	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	13.0	0.285	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	25.8	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121181AA	04/27/2012 13:45	Lauren C Temple	60.15
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 09:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 09:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 09:20	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 02:44	Marie D John	604.23
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 09:20	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 13:57	Tracy A Cole	1

Sample Description: B-2-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625378
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:33	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-1-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625379
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.047	67.68
10237	1,2-Dichloroethane	107-06-2	N.D.	0.094	67.68
10237	Ethylbenzene	100-41-4	N.D.	0.094	67.68
10237	Naphthalene	91-20-3	0.18	0.094	67.68
10237	Toluene	108-88-3	N.D.	0.094	67.68
10237	Xylene (Total)	1330-20-7	0.26	0.094	67.68
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	140	16	288.51
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	12	4.2	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	14	1
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	10.6	0.301	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	28.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121181AA	04/27/2012 14:08	Lauren C Temple	67.68
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 09:30	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 09:30	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 09:30	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12115A31A	04/25/2012 03:20	Marie D John	288.51
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 09:30	Client Supplied	n.a.

Sample Description: B-1-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625379
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 09:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--14

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 15:03	Tracy A Cole	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:44	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-1-6 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625380
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.037	55.99
10237	1,2-Dichloroethane	107-06-2	N.D.	0.074	55.99
10237	Ethylbenzene	100-41-4	0.59	0.074	55.99
10237	Naphthalene	91-20-3	0.32	0.074	55.99
10237	Toluene	108-88-3	N.D.	0.074	55.99
10237	Xylene (Total)	1330-20-7	3.4	0.074	55.99
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	1,900	78	1474.13
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	200	46	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	150	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	24.1	0.284	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.0	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121181AA	04/27/2012 14:31	Lauren C Temple	55.99
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 11:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 11:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 11:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 03:56	Marie D John	1474.13
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 11:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 13:13	Tracy A Cole	1

Sample Description: B-1-6 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625380
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B--16

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:48	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-1-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625381
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:05 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B-110

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.033	51.36
10237	1,2-Dichloroethane	107-06-2	N.D.	0.066	51.36
10237	Ethylbenzene	100-41-4	0.072	0.066	51.36
10237	Naphthalene	91-20-3	N.D.	0.066	51.36
10237	Toluene	108-88-3	N.D.	0.066	51.36
10237	Xylene (Total)	1330-20-7	0.36	0.066	51.36
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	670	30	594.8
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	88	46	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	150	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	7.86	0.273	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	21.7	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121181AA	04/27/2012 14:54	Lauren C Temple	51.36
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 11:05	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 11:05	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 11:05	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12115A31A	04/25/2012 04:32	Marie D John	594.8
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 11:05	Client Supplied	n.a.

Sample Description: B-1-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625381
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:05 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B-110

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 14:19	Tracy A Cole	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:51	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-2-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625382
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--27

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.035	53.04
10237	1,2-Dibromoethane	106-93-4	N.D.	0.071	53.04
10237	1,2-Dichloroethane	107-06-2	N.D.	0.071	53.04
10237	Ethylbenzene	100-41-4	N.D.	0.071	53.04
10237	n-Hexane	110-54-3	0.65	0.071	53.04
10237	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.035	53.04
10237	Naphthalene	91-20-3	0.083	0.071	53.04
10237	Toluene	108-88-3	N.D.	0.071	53.04
10237	Xylene (Total)	1330-20-7	0.21	0.071	53.04

Reporting limits were raised due to interference from the sample matrix.

GC/MS	Semivolatiles	SW-846 8270C SIM	mg/kg	mg/kg	
10722	Benzo(a)anthracene	56-55-3	N.D.	0.053	10
10722	Benzo(a)pyrene	50-32-8	N.D.	0.053	10
10722	Benzo(b)fluoranthene	205-99-2	N.D.	0.053	10
10722	Benzo(k)fluoranthene	207-08-9	N.D.	0.053	10
10722	Chrysene	218-01-9	N.D.	0.027	10
10722	Dibenz(a,h)anthracene	53-70-3	N.D.	0.053	10
10722	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.053	10
10722	1-Methylnaphthalene	90-12-0	1.4	0.053	10
10722	2-Methylnaphthalene	91-57-6	1.4	0.053	10

Reporting limits were raised due to interference from the sample matrix.

GC Volatiles	ECY 97-602 NWTPH-Gx	mg/kg	mg/kg	
02005	TPH by NWTPH-Gx soils	n.a.	2,100	5490.72

GC Petroleum	ECY 97-602 NWTPH-Dx	mg/kg	mg/kg	
Hydrocarbons	modified			
08272	Diesel Range Organics C12-C24	n.a.	590	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	1

GC Petroleum	ECY 97-602 WA EPH	mg/kg	mg/kg	
Hydrocarbons				
05970	>C10-C12 Aliphatic	n.a.	1.3	1
05970	>C10-C12 Aromatic	n.a.	8.3	1
05970	>C12-C16 Aliphatic	n.a.	310	1
05970	>C12-C16 Aromatic	n.a.	29	1
05970	>C16-C21 Aliphatic	n.a.	180	1
05970	>C16-C21 Aromatic	n.a.	58	1
05970	>C21-C34 Aliphatic	n.a.	52	1
05970	>C21-C34 Aromatic	n.a.	17	1

GC Petroleum	ECY 97-602 WA VPH	mg/kg	mg/kg	
Hydrocarbons				
05666	Benzene	71-43-2	0.251	50.68
05666	C5-C6 Aliphatic Hydrocarbons	n.a.	N.D.	50.68
05666	C6-C8 Aliphatic Hydrocarbons	n.a.	39.4	50.68
05666	C8-C10 Aliphatic Hydrocarbons	n.a.	112	50.68

Sample Description: B-2-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625382
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B--27

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC Petroleum		ECY 97-602 WA VPH	mg/kg	mg/kg	
Hydrocarbons					
05666	C8-C10 Aromatic Hydrocarbons	n.a.	56.9	3.37	50.68
05666	Ethylbenzene	100-41-4	1.65	0.0674	50.68
05666	Methyl t-butyl ether	1634-04-4	N.D.	0.0674	50.68
05666	Toluene	108-88-3	0.680	0.0674	50.68
05666	o-Xylene	95-47-6	0.464	0.0674	50.68
05666	m,p-Xylenes	179601-23-1	N.D.	0.135	50.68
A target analyte(s) in the continuing calibration verification standard is outside the QC acceptance limits. The following corrective action was taken: The analysis was repeated and the continuing calibration verification standard bracketing the sample on the second trial is within specification. The first trial result is reported because it was analyzed within the holding time. Similar results were obtained.					
Metals		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	26.3	0.293	1
Wet Chemistry		SM20 2540 G	%	%	
00111	Moisture	n.a.	24.8	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	8260 Ext. Soil Master w/GRO	SW-846 8260B	1	R121181AA	04/27/2012 15:16	Lauren C Temple	53.04
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 11:30	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 11:30	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 11:30	Client Supplied	1
10722	PAH SIM 8270 Soil Microwave	SW-846 8270C SIM	1	12116SLB026	04/27/2012 16:58	Chad A Moline	10
10810	BNA Soil Microwave SIM PAH	SW-846 3546	1	12116SLB026	04/25/2012 14:10	Wanda F Oswald	1

Sample Description: B-2-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625382
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B--27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 12:11	Marie D John	5490.72
06170	GC - Bulk Soil Prep (VPH)	MA DEP VPH 5/04	1	201211627493	04/25/2012 13:06	Larry E Bevins	n.a.
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 11:30	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 13:35	Tracy A Cole	1
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 06:24	Heather E Williams	1
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 07:09	Heather E Williams	1
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12117A08A	04/26/2012 12:57	Nicholas R Rossi	50.68
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
11213	WA EPH Soils Extraction	ECY 97-602 WA EPH	1	121220008A	05/01/2012 18:30	Sally L Appleyard	1
00497	Silica Gel Fractionation	SW-846 3630C modified	1	121220008A	05/03/2012 05:50	Roman Kuropatkin	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:55	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-2-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625383
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:35 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B-210

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.036	58.65
10237	1,2-Dichloroethane	107-06-2	N.D.	0.072	58.65
10237	Ethylbenzene	100-41-4	N.D.	0.072	58.65
10237	Naphthalene	91-20-3	0.15	0.072	58.65
10237	Toluene	108-88-3	N.D.	0.072	58.65
10237	Xylene (Total)	1330-20-7	0.12	0.072	58.65
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	290	23	465.77
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	35	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	106	0.261	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	18.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 16:42	Kerri E Legerlotz	58.65
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 11:35	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 11:35	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 11:35	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12115A31A	04/25/2012 05:44	Marie D John	465.77
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 11:35	Client Supplied	n.a.

Sample Description: B-2-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625383
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 11:35 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B-210

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 14:41	Tracy A Cole	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:59	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-3-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625384
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 12:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B35--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.037	54.67
10237	1,2-Dichloroethane	107-06-2	N.D.	0.074	54.67
10237	Ethylbenzene	100-41-4	0.14	0.074	54.67
10237	Naphthalene	91-20-3	0.20	0.074	54.67
10237	Toluene	108-88-3	N.D.	0.074	54.67
10237	Xylene (Total)	1330-20-7	0.50	0.074	54.67
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	1,100	68	1259.39
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	590	20	5
08272	Heavy Range Organics C24-C40	n.a.	N.D.	68	5
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.3	0.286	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	26.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 17:05	Kerri E Legerlotz	54.67
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 12:50	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 12:50	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 12:50	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12115A31A	04/25/2012 13:23	Marie D John	1259.39
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 12:50	Client Supplied	n.a.

Sample Description: B-3-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625384
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 12:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B35--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/30/2012 17:02	Glorines Suarez-Rivera	5
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:02	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003A	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-4-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625385
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 12:55 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B45--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.037	59.87
10237	1,2-Dichloroethane	107-06-2	N.D.	0.073	59.87
10237	Ethylbenzene	100-41-4	0.44	0.073	59.87
10237	Naphthalene	91-20-3	2.9	0.073	59.87
10237	Toluene	108-88-3	N.D.	0.073	59.87
10237	Xylene (Total)	1330-20-7	7.5	0.073	59.87
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	2,500	120	2535.72
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	2,700	44	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	150	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	14.2	0.267	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	18.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 17:28	Kerri E Legerlotz	59.87
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 12:55	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 12:55	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 12:55	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 13:59	Marie D John	2535.72
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 12:55	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121170012A	04/28/2012 15:25	Tracy A Cole	1

Sample Description: B-4-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625385
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 12:55 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B45--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121170012A	04/27/2012 00:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:06	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-4-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625386
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 13:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B410-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.003	0.0006	0.84
10237	1,2-Dichloroethane	107-06-2	0.004	0.001	0.84
10237	Ethylbenzene	100-41-4	0.015	0.001	0.84
10237	Naphthalene	91-20-3	0.025	0.001	0.84
10237	Toluene	108-88-3	N.D.	0.001	0.84
10237	Xylene (Total)	1330-20-7	0.12	0.001	0.84
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	30	2.7	50.52
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	8.2	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	7.80	0.295	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	25.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 00:54	Andrea E Lando	0.84
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 13:15	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 13:15	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 13:15	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12115A31A	04/25/2012 11:35	Marie D John	50.52
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 13:15	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 13:00	Heather E Williams	1

Sample Description: B-4-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625386
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 13:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B410-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 00:07	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-5-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625387
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B54--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.042	62.6
10237	1,2-Dichloroethane	107-06-2	N.D.	0.084	62.6
10237	Ethylbenzene	100-41-4	0.17	0.084	62.6
10237	Naphthalene	91-20-3	0.37	0.084	62.6
10237	Toluene	108-88-3	N.D.	0.084	62.6
10237	Xylene (Total)	1330-20-7	0.79	0.084	62.6
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	280	33	619.13
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	16	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	13.1	0.291	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	25.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 18:13	Kerri E Legerlotz	62.6
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 14:10	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 14:10	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 14:10	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12115A31A	04/25/2012 08:08	Marie D John	619.13
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 14:10	Client Supplied	n.a.

Sample Description: B-5-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625387
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B54--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 13:25	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:10	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-6-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625388
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B65--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.091	0.040	58.65
10237	1,2-Dichloroethane	107-06-2	N.D.	0.081	58.65
10237	Ethylbenzene	100-41-4	1.5	0.081	58.65
10237	Naphthalene	91-20-3	4.9	0.081	58.65
10237	Toluene	108-88-3	0.10	0.081	58.65
10237	Xylene (Total)	1330-20-7	18	0.081	58.65
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	1,300	130	2305.06
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	170	4.1	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	14	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	24.0	0.294	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	27.4	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 18:36	Kerri E Legerlotz	58.65
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 14:40	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 14:40	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 14:40	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/25/2012 21:53	Marie D John	2305.06
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 14:40	Client Supplied	n.a.
08272	NWT PH-Dx soil	ECY 97-602 NWT PH-Dx modified	1	121210012A	05/03/2012 13:49	Heather E Williams	1

Sample Description: B-6-5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625388
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B65--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:14	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-5-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625389
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B58--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.030	52.52
10237	1,2-Dichloroethane	107-06-2	N.D.	0.059	52.52
10237	Ethylbenzene	100-41-4	N.D.	0.059	52.52
10237	Naphthalene	91-20-3	0.072	0.059	52.52
10237	Toluene	108-88-3	N.D.	0.059	52.52
10237	Xylene (Total)	1330-20-7	N.D.	0.059	52.52
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	460	23	503.26
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	21	3.4	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	11	1
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	82.8	0.247	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	11.0	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 19:22	Kerri E Legerlotz	52.52
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 14:45	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 14:45	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 14:45	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/25/2012 22:29	Marie D John	503.26
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 14:45	Client Supplied	n.a.

Sample Description: B-5-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625389
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 14:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B58--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 14:13	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:18	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-6-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625390
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 15:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B-610

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.001	0.0005	0.76
10237	1,2-Dichloroethane	107-06-2	0.001	0.001	0.76
10237	Ethylbenzene	100-41-4	0.044	0.001	0.76
10237	Naphthalene	91-20-3	0.014	0.001	0.76
10237	Toluene	108-88-3	N.D.	0.001	0.76
10237	Xylene (Total)	1330-20-7	0.15	0.001	0.76
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	82	15	297.12
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	4.2	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.5	0.275	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	20.0	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 03:10	Andrea E Lando	0.76
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 15:30	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 15:30	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 15:30	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/25/2012 23:05	Marie D John	297.12
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 15:30	Client Supplied	n.a.
08272	NWT PH-Dx soil	ECY 97-602 NWT PH-Dx modified	1	121210012A	05/03/2012 14:37	Heather E Williams	1

Sample Description: B-6-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625390
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 15:30 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B-610

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:29	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-5-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625391
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 15:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B57--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.044	0.033	50.81
10237	1,2-Dichloroethane	107-06-2	N.D.	0.066	50.81
10237	Ethylbenzene	100-41-4	0.49	0.066	50.81
10237	Naphthalene	91-20-3	1.4	0.066	50.81
10237	Toluene	108-88-3	N.D.	0.066	50.81
10237	Xylene (Total)	1330-20-7	4.4	0.066	50.81
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	2,300	270	5169.47
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	470	19	5
08272	Heavy Range Organics C24-C40	n.a.	N.D.	65	5
Metals SW-846 6010B					
06955	Lead	7439-92-1	13.9	0.285	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	22.9	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 19:44	Kerri E Legerlotz	50.81
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 15:45	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 15:45	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 15:45	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34B	04/26/2012 17:15	Carrie E Miller	5169.47
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 15:45	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/04/2012 18:35	Heather E Williams	5

Sample Description: B-5-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625391
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 15:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B57--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:32	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-8-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625392
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 09:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B84--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.002	0.0005	0.84
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.84
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.84
10237	Naphthalene	91-20-3	N.D.	0.001	0.84
10237	Toluene	108-88-3	N.D.	0.001	0.84
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.84
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.4	27.69
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	8.93	0.279	1
Wet Chemistry SM20 5310 B modified					
02079	TOC Solids/Sludges Combustion	n.a.	0.640	0.0266	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	21.9	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/25/2012 23:49	Andrea E Lando	0.84
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 09:15	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 09:15	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 09:15	Client Supplied	1

Sample Description: B-8-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625392
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 09:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B84--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 15:53	Marie D John	27.69
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 09:15	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 15:26	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:36	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
02079	TOC Solids/Sludges Combustion	SM20 5310 B modified	1	12118049531A	04/30/2012 01:03	James S Mathiot	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-7-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625393
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 09:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B74--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.001	0.0006	0.9
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.9
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.9
10237	Naphthalene	91-20-3	N.D.	0.001	0.9
10237	Toluene	108-88-3	N.D.	0.001	0.9
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.9
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.4	26.69
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.1	0.285	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.4	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/26/2012 00:35	Andrea E Lando	0.9
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 09:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 09:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 09:20	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 16:29	Marie D John	26.69
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 09:20	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 15:50	Heather E Williams	1

Sample Description: B-7-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625393
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 09:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B74--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:40	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-7-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625394
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 10:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B79--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.002	0.0006	1.03
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	1.03
10237	Ethylbenzene	100-41-4	0.009	0.001	1.03
10237	Naphthalene	91-20-3	0.013	0.001	1.03
10237	Toluene	108-88-3	N.D.	0.001	1.03
10237	Xylene (Total)	1330-20-7	0.053	0.001	1.03
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	28	1.2	24.1
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.6	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.2	0.256	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	17.4	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 02:02	Andrea E Lando	1.03
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 10:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 10:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 10:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34B	04/26/2012 16:39	Carrie E Miller	24.1
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 10:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/03/2012 23:43	Heather E Williams	1

Sample Description: B-7-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625394
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 10:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B79--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:44	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-8-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625395
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 10:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B88--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0006	0.0006	0.84
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.84
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.84
10237	Naphthalene	91-20-3	N.D.	0.001	0.84
10237	Toluene	108-88-3	N.D.	0.001	0.84
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.84
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	22	1.6	29.35
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	16	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.2	0.286	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.6	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 01:16	Andrea E Lando	0.84
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 10:10	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 10:10	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 10:10	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 17:05	Marie D John	29.35
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 10:10	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 00:32	Heather E Williams	1

Sample Description: B-8-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625395
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 10:10 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B88--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 01:47	Tara L Snyder	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12118820003B	04/27/2012 11:57	Scott W Freisher	1

Sample Description: B-10-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625396
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B103-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.0005	0.81
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.81
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.81
10237	Naphthalene	91-20-3	N.D.	0.001	0.81
10237	Toluene	108-88-3	N.D.	0.001	0.81
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.81
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	N.D.	1.5	27.9
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.6	0.294	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	25.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/26/2012 21:53	Andrea E Lando	0.81
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 11:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 11:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 11:00	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/25/2012 17:41	Marie D John	27.9
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 11:00	Client Supplied	n.a.
08272	NWT PH-Dx soil	ECY 97-602 NWT PH-Dx modified	1	121210016A	05/04/2012 00:56	Heather E Williams	1

Sample Description: B-10-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625396
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B103-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121155708004	04/26/2012 13:37	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121155708004	04/25/2012 08:05	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820004A	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-9-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625397
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:05 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B94--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.0006	0.88
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.88
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.88
10237	Naphthalene	91-20-3	N.D.	0.001	0.88
10237	Toluene	108-88-3	N.D.	0.001	0.88
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.88
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.6	30.11
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.9	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.9	0.281	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/26/2012 01:20	Andrea E Lando	0.88
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 11:05	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 11:05	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 11:05	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 18:17	Marie D John	30.11
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 11:05	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 01:20	Heather E Williams	1

Sample Description: B-9-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625397
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:05 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B94--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:27	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-9-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625398
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B97--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0007	0.0006	0.91
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.91
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.91
10237	Naphthalene	91-20-3	N.D.	0.001	0.91
10237	Toluene	108-88-3	N.D.	0.001	0.91
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.91
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.5	28.37
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	13.2	0.292	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	25.5	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/26/2012 01:43	Andrea E Lando	0.91
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 11:40	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 11:40	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 11:40	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 18:53	Marie D John	28.37
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 11:40	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 01:44	Heather E Williams	1

Sample Description: B-9-7 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625398
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B97--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:39	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-10-6 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625399
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B106-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.001	0.0007	0.96
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.96
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.96
10237	Naphthalene	91-20-3	N.D.	0.001	0.96
10237	Toluene	108-88-3	N.D.	0.001	0.96
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.96
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.8	31.51
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.1	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	14	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.8	0.300	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	28.0	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/26/2012 02:05	Andrea E Lando	0.96
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 11:45	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 11:45	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 11:45	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 19:29	Marie D John	31.51
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 11:45	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 02:09	Heather E Williams	1

Sample Description: B-10-6 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625399
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 11:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B106-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:42	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-11-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625400
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 13:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B112-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.0005	0.77
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.77
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.77
10237	Naphthalene	91-20-3	N.D.	0.001	0.77
10237	Toluene	108-88-3	N.D.	0.001	0.77
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.77
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	N.D.	12	244.43
Reporting limits were raised due to sample foaming.					
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	130	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	340	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	48.0	0.266	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	19.6	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/26/2012 22:15	Andrea E Lando	0.77
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 13:50	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 13:50	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 13:50	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/25/2012 14:15	Marie D John	244.43
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 13:50	Client Supplied	n.a.

Sample Description: B-11-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625400
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 13:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B112-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 03:45	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:46	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-12-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625401
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 14:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B122-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0006	0.0006	0.91
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.91
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.91
10237	Naphthalene	91-20-3	N.D.	0.001	0.91
10237	Toluene	108-88-3	N.D.	0.001	0.91
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.91
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.6	29.87
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.3	0.286	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	25.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121161AA	04/26/2012 02:51	Andrea E Lando	0.91
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 14:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 14:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 14:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 15:17	Marie D John	29.87
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 14:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 02:33	Heather E Williams	1

Sample Description: B-12-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625401
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 14:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B122-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:50	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-13-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625402
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 15:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B134-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.070	106.97
10237	1,2-Dibromoethane	106-93-4	N.D.	0.14	106.97
10237	1,2-Dichloroethane	107-06-2	N.D.	0.14	106.97
10237	Ethylbenzene	100-41-4	1.1	0.14	106.97
10237	n-Hexane	110-54-3	1.2	0.14	106.97
10237	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.070	106.97
10237	Naphthalene	91-20-3	6.0	0.14	106.97
10237	Toluene	108-88-3	N.D.	0.14	106.97
10237	Xylene (Total)	1330-20-7	18	0.14	106.97

GC/MS	Semivolatiles	SW-846 8270C SIM	mg/kg	mg/kg	
10722	Benzo(a)anthracene	56-55-3	N.D.	0.0087	10
10722	Benzo(a)pyrene	50-32-8	N.D.	0.0087	10
10722	Benzo(b)fluoranthene	205-99-2	N.D.	0.0087	10
10722	Benzo(k)fluoranthene	207-08-9	N.D.	0.0087	10
10722	Chrysene	218-01-9	0.0078	0.0043	10
10722	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0087	10
10722	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0087	10
10722	1-Methylnaphthalene	90-12-0	2.6	0.0087	10
10722	2-Methylnaphthalene	91-57-6	2.6	0.0087	10

Reporting limits were raised due to interference from the sample matrix.

GC Volatiles	ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	2,800	110
				2203.46

GC Petroleum Hydrocarbons	ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	350	47
08272	Heavy Range Organics C24-C40	n.a.	N.D.	160
				1

GC Petroleum Hydrocarbons	ECY 97-602 WA EPH	mg/kg	mg/kg	
05970	>C10-C12 Aliphatic	n.a.	510	2.6
05970	>C10-C12 Aromatic	n.a.	36	1.3
05970	>C12-C16 Aliphatic	n.a.	270	2.6
05970	>C12-C16 Aromatic	n.a.	42	1.3
05970	>C16-C21 Aliphatic	n.a.	15	7.8
05970	>C16-C21 Aromatic	n.a.	8.1	2.6
05970	>C21-C34 Aliphatic	n.a.	N.D.	16
05970	>C21-C34 Aromatic	n.a.	3.0	2.6
				1

GC Petroleum Hydrocarbons	ECY 97-602 WA VPH	mg/kg	mg/kg	
05666	Benzene	71-43-2	2.97	0.0658
05666	C5-C6 Aliphatic Hydrocarbons	n.a.	10.0	3.29
05666	C6-C8 Aliphatic Hydrocarbons	n.a.	321	32.9
05666	C8-C10 Aliphatic Hydrocarbons	n.a.	689	32.9
05666	C8-C10 Aromatic Hydrocarbons	n.a.	398	32.9
				505.39

Sample Description: B-13-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625402
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 15:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B134-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC Petroleum Hydrocarbons		ECY 97-602 WA VPH	mg/kg	mg/kg	
05666	Ethylbenzene	100-41-4	15.5	0.0658	50.54
05666	Methyl t-butyl ether	1634-04-4	0.117	0.0658	50.54
05666	Toluene	108-88-3	8.34	0.0658	50.54
05666	o-Xylene	95-47-6	5.47	0.0658	50.54
05666	m,p-Xylenes	179601-23-1	8.66	0.132	50.54
Metals		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	23.7	0.278	1
Wet Chemistry		SM20 2540 G	%	%	
00111	Moisture	n.a.	23.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	8260 Ext. Soil Master w/GRO	SW-846 8260B	1	Q121182AA	04/27/2012 20:30	Kerri E Legerlotz	106.97
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 15:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 15:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 15:00	Client Supplied	1
10722	PAH SIM 8270 Soil Microwave	SW-846 8270C SIM	1	12116SLB026	04/27/2012 19:38	Chad A Moline	10
10810	BNA Soil Microwave SIM PAH	SW-846 3546	1	12116SLB026	04/25/2012 14:10	Wanda F Oswald	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/26/2012 00:53	Marie D John	2203.46
06170	GC - Bulk Soil Prep (VPH)	MA DEP VPH 5/04	1	201211627493	04/25/2012 13:05	Larry E Bevins	n.a.
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 15:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 02:57	Heather E Williams	1
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 12:19	Heather E Williams	1

Sample Description: B-13-4 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625402
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 15:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B134-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 16:52	Heather E Williams	2
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12117A08A	04/26/2012 13:38	Nicholas R Rossi	50.54
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12117A08B	04/27/2012 11:19	Carrie E Miller	505.39
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12123A08A	05/02/2012 19:18	Nicholas R Rossi	50.54
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
11213	WA EPH Soils Extraction	ECY 97-602 WA EPH	1	121220008A	05/01/2012 18:30	Sally L Appleyard	1
00497	Silica Gel Fractionation	SW-846 3630C modified	1	121220008A	05/03/2012 05:50	Roman Kuropatkin	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:54	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-11-9.5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625403
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 15:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B1195

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0006	0.0006	0.84
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.84
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.84
10237	Naphthalene	91-20-3	N.D.	0.001	0.84
10237	Toluene	108-88-3	N.D.	0.001	0.84
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.84
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.5	27.27
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.0	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	12.5	0.293	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.9	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/26/2012 22:38	Andrea E Lando	0.84
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 15:15	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 15:15	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 15:15	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 20:05	Marie D John	27.27
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 15:15	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210016A	05/04/2012 03:21	Heather E Williams	1

Sample Description: B-11-9.5 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625403
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 15:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1195

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210016A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 17:58	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-13-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625404
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1310

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.040	57.75
10237	1,2-Dichloroethane	107-06-2	N.D.	0.080	57.75
10237	Ethylbenzene	100-41-4	0.32	0.080	57.75
10237	Naphthalene	91-20-3	1.8	0.080	57.75
10237	Toluene	108-88-3	N.D.	0.080	57.75
10237	Xylene (Total)	1330-20-7	7.4	0.080	57.75
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	240	16	293.47
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	N.D.	50	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	170	1
Reporting limits were raised due to interference from the sample matrix.					
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	33.8	0.296	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	27.8	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 21:16	Kerri E Legerlotz	57.75
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 16:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 16:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 16:00	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34A	04/26/2012 01:29	Marie D John	293.47
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 16:00	Client Supplied	n.a.

Sample Description: B-13-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625404
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B1310

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 18:05	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 18:02	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-14-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625405
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B143-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.0005	0.81
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.81
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.81
10237	Naphthalene	91-20-3	N.D.	0.001	0.81
10237	Toluene	108-88-3	N.D.	0.001	0.81
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.81
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.2	23.43
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	12.2	0.262	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	19.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/26/2012 23:00	Andrea E Lando	0.81
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 16:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 16:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 16:20	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34A	04/25/2012 21:17	Marie D John	23.43
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 16:20	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 18:53	Heather E Williams	1

Sample Description: B-14-3 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625405
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B143-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121165708003	04/26/2012 18:05	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121165708003	04/26/2012 07:25	Denise K Connors	1
00111	Moisture	SM20 2540 G	2	12118820001B	04/27/2012 11:56	Scott W Freisher	1

Sample Description: B-14-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625406
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B148-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.035	52.79
10237	1,2-Dichloroethane	107-06-2	N.D.	0.070	52.79
10237	Ethylbenzene	100-41-4	N.D.	0.070	52.79
10237	Naphthalene	91-20-3	0.11	0.070	52.79
10237	Toluene	108-88-3	N.D.	0.070	52.79
10237	Xylene (Total)	1330-20-7	N.D.	0.070	52.79
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	1,300	58	1094.01
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	45	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	150	1
Reporting limits were raised due to interference from the sample matrix.					
Metals SW-846 6010B					
06955	Lead	7439-92-1	8.37	0.281	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	24.8	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 21:39	Kerri E Legerlotz	52.79
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 16:45	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 16:45	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 16:45	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12116A34B	04/26/2012 17:51	Carrie E Miller	1094.01
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 16:45	Client Supplied	n.a.

Sample Description: B-14-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625406
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 16:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B148-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 19:18	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121185708007	04/30/2012 10:20	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121185708007	04/29/2012 21:25	Annamaria Stipkovits	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-14-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625407
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 17:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B1410

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.0005	0.83
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.83
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.83
10237	Naphthalene	91-20-3	N.D.	0.001	0.83
10237	Toluene	108-88-3	N.D.	0.001	0.83
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.83
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	31	5.5	109.33
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.7	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	7.91	0.267	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	19.9	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 02:24	Andrea E Lando	0.83
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/18/2012 17:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/18/2012 17:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/18/2012 17:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 02:51	Laura M Krieger	109.33
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/18/2012 17:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 19:42	Heather E Williams	1

Sample Description: B-14-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625407
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/18/2012 17:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1410

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121185708007	04/30/2012 10:33	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121185708007	04/29/2012 21:25	Annamaria Stipkovits	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-16-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625408
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 08:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B162-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.009	0.0006	0.93
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.93
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.93
10237	Naphthalene	91-20-3	N.D.	0.001	0.93
10237	Toluene	108-88-3	0.012	0.001	0.93
10237	Xylene (Total)	1330-20-7	0.006	0.001	0.93
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	66	12	241.69
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	170	3.6	1
08272	Heavy Range Organics C24-C40	n.a.	59	12	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	504	0.258	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	17.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/27/2012 02:47	Andrea E Lando	0.93
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 08:45	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 08:45	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 08:45	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/27/2012 22:02	Laura M Krieger	241.69
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 08:45	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 22:07	Heather E Williams	1

Sample Description: B-16-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625408
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 08:45 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B162-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121185708007	04/30/2012 10:38	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121185708007	04/29/2012 21:25	Annamaria Stipkovits	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-15-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625409
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 08:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B152-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.005	0.0006	1.03
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	1.03
10237	Ethylbenzene	100-41-4	N.D.	0.001	1.03
10237	Naphthalene	91-20-3	N.D.	0.001	1.03
10237	Toluene	108-88-3	0.003	0.001	1.03
10237	Xylene (Total)	1330-20-7	0.002	0.001	1.03
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	1.9	1.2	24.45
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	41	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	102	0.266	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	20.4	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121171AA	04/26/2012 23:23	Andrea E Lando	1.03
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 08:50	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 08:50	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 08:50	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/27/2012 23:15	Laura M Krieger	24.45
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 08:50	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 21:42	Heather E Williams	1

Sample Description: B-15-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625409
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 08:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B152-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121185708007	04/30/2012 10:42	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121185708007	04/29/2012 21:25	Annamaria Stipkovits	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-16-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625410
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 09:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B168-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	N.D.	0.040	57.12
10237	1,2-Dibromoethane	106-93-4	N.D.	0.080	57.12
10237	1,2-Dichloroethane	107-06-2	N.D.	0.080	57.12
10237	Ethylbenzene	100-41-4	1.8	0.080	57.12
10237	n-Hexane	110-54-3	0.58	0.080	57.12
10237	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.040	57.12
10237	Naphthalene	91-20-3	0.50	0.080	57.12
10237	Toluene	108-88-3	N.D.	0.080	57.12
10237	Xylene (Total)	1330-20-7	3.1	0.080	57.12

GC/MS	Semivolatiles	SW-846 8270C SIM	mg/kg	mg/kg	
10722	Benzo(a)anthracene	56-55-3	N.D.	0.00093	1
10722	Benzo(a)pyrene	50-32-8	N.D.	0.00093	1
10722	Benzo(b)fluoranthene	205-99-2	N.D.	0.00093	1
10722	Benzo(k)fluoranthene	207-08-9	N.D.	0.00093	1
10722	Chrysene	218-01-9	0.0012	0.00046	1
10722	Dibenz(a,h)anthracene	53-70-3	N.D.	0.00093	1
10722	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.00093	1
10722	1-Methylnaphthalene	90-12-0	0.81	0.0093	10
10722	2-Methylnaphthalene	91-57-6	0.23	0.00093	1

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

GC Volatiles	ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	1,900	2401.68

GC Petroleum	ECY 97-602 NWT PH-Dx	mg/kg	mg/kg	
Hydrocarbons	modified			
08272	Diesel Range Organics C12-C24	n.a.	71	4.2
08272	Heavy Range Organics C24-C40	n.a.	N.D.	14

GC Petroleum	ECY 97-602 WA EPH	mg/kg	mg/kg	
Hydrocarbons				
05970	>C10-C12 Aliphatic	n.a.	59	1.4
05970	>C10-C12 Aromatic	n.a.	2.8	1.4
05970	>C12-C16 Aliphatic	n.a.	48	1.4
05970	>C12-C16 Aromatic	n.a.	4.2	1.4
05970	>C16-C21 Aliphatic	n.a.	7.8	4.2
05970	>C16-C21 Aromatic	n.a.	3.1	2.8
05970	>C21-C34 Aliphatic	n.a.	N.D.	8.4
05970	>C21-C34 Aromatic	n.a.	N.D.	2.8

GC Petroleum	ECY 97-602 WA VPH	mg/kg	mg/kg	
Hydrocarbons				
05666	Benzene	71-43-2	0.525	0.0706
05666	C5-C6 Aliphatic Hydrocarbons	n.a.	N.D.	3.53
05666	C6-C8 Aliphatic Hydrocarbons	n.a.	60.2	3.53
05666	C8-C10 Aliphatic Hydrocarbons	n.a.	189	3.53

Sample Description: B-16-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625410
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 09:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B168-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC Petroleum Hydrocarbons		ECY 97-602 WA VPH	mg/kg	mg/kg	
05666	C8-C10 Aromatic Hydrocarbons	n.a.	90.4	3.53	50.68
05666	Ethylbenzene	100-41-4	7.01	0.0706	50.68
05666	Methyl t-butyl ether	1634-04-4	N.D.	0.0706	50.68
05666	Toluene	108-88-3	2.97	0.0706	50.68
05666	o-Xylene	95-47-6	1.84	0.0706	50.68
05666	m,p-Xylenes	179601-23-1	0.309	0.141	50.68
Metals		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	10.8	0.306	1
Wet Chemistry		SM20 2540 G	%	%	
00111	Moisture	n.a.	28.2	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	8260 Ext. Soil Master w/GRO	SW-846 8260B	1	Q121182AA	04/27/2012 22:02	Kerri E Legerlotz	57.12
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 09:40	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 09:40	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 09:40	Client Supplied	1
10722	PAH SIM 8270 Soil Microwave	SW-846 8270C SIM	1	12116SLB026	04/27/2012 20:10	Chad A Moline	1
10722	PAH SIM 8270 Soil Microwave	SW-846 8270C SIM	1	12116SLB026	04/27/2012 21:18	Chad A Moline	10
10810	BNA Soil Microwave SIM PAH	SW-846 3546	1	12116SLB026	04/25/2012 14:10	Wanda F Oswald	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 03:27	Laura M Krieger	2401.68
06170	GC - Bulk Soil Prep (VPH)	MA DEP VPH 5/04	1	201211627493	04/25/2012 13:08	Larry E Bevins	n.a.
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 09:40	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 20:06	Heather E Williams	1

Sample Description: B-16-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625410
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 09:40 by SB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B168-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 13:47	Heather E Williams	1
05970	WA EPH in Soil	ECY 97-602 WA EPH	1	121220008A	05/04/2012 14:31	Heather E Williams	1
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12117A08A	04/26/2012 14:20	Nicholas R Rossi	50.68
05666	WA- VPH soils	ECY 97-602 WA VPH	1	12123A08A	05/02/2012 20:41	Nicholas R Rossi	50.68
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
11213	WA EPH Soils Extraction	ECY 97-602 WA EPH	1	121220008A	05/01/2012 18:30	Sally L Appleyard	1
00497	Silica Gel Fractionation	SW-846 3630C modified	1	121220008A	05/03/2012 05:50	Roman Kuropatkin	1
06955	Lead	SW-846 6010B	1	121185708007	04/30/2012 10:47	Joanne M Gates	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121185708007	04/29/2012 21:25	Annamaria Stipkovits	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-15-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625411
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 09:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B159-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.040	58.8
10237	1,2-Dichloroethane	107-06-2	N.D.	0.081	58.8
10237	Ethylbenzene	100-41-4	N.D.	0.081	58.8
10237	Naphthalene	91-20-3	N.D.	0.081	58.8
10237	Toluene	108-88-3	N.D.	0.081	58.8
10237	Xylene (Total)	1330-20-7	0.082	0.081	58.8
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	250	12	227.65
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	31	4.1	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	14	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.2	0.295	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	27.0	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 22:25	Kerri E Legerlotz	58.8
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 09:50	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 09:50	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 09:50	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12118A31A	04/28/2012 04:39	Laura M Krieger	227.65
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 09:50	Client Supplied	n.a.

Sample Description: B-15-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625411
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 09:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B159-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 20:30	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 18:46	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-16-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625412
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B1610

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.034	52.93
10237	1,2-Dichloroethane	107-06-2	N.D.	0.068	52.93
10237	Ethylbenzene	100-41-4	N.D.	0.068	52.93
10237	Naphthalene	91-20-3	N.D.	0.068	52.93
10237	Toluene	108-88-3	N.D.	0.068	52.93
10237	Xylene (Total)	1330-20-7	N.D.	0.068	52.93
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles ECY 97-602 NWT PH-Gx					
02005	TPH by NWT PH-Gx soils	n.a.	210	10	197.89
GC Petroleum ECY 97-602 NWT PH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	17	3.9	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	17.1	0.283	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	22.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121182AA	04/27/2012 22:47	Kerri E Legerlotz	52.93
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 10:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 10:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 10:00	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12118A31A	04/28/2012 05:15	Laura M Krieger	197.89
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 10:00	Client Supplied	n.a.

Sample Description: B-16-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625412
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1610

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 20:54	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 18:51	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-18-1 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625413
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B181-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0006	0.0006	0.87
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.87
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.87
10237	Naphthalene	91-20-3	N.D.	0.001	0.87
10237	Toluene	108-88-3	N.D.	0.001	0.87
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.87
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.3	25.8
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	23.1	0.278	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	21.6	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121181AA	04/27/2012 17:43	Kelly E Keller	0.87
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 10:15	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 10:15	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 10:15	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/27/2012 23:51	Laura M Krieger	25.8
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 10:15	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210017A	05/03/2012 21:18	Heather E Williams	1

Sample Description: B-18-1 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625413
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:15 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B181-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210017A	05/01/2012 11:05	Denise L Trimby	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:04	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-17-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625414
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B172-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	mg/kg	mg/kg	
10237	Benzene	71-43-2	0.010	0.0005	0.85
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.85
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.85
10237	Naphthalene	91-20-3	N.D.	0.001	0.85
10237	Toluene	108-88-3	0.003	0.001	0.85
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.85
GC Volatiles					
		ECY 97-602 NWT PH-Gx	mg/kg	mg/kg	
02005	TPH by NWT PH-Gx soils	n.a.	N.D.	13	262.88
Reporting limits were raised due to sample foaming.					
GC Petroleum Hydrocarbons					
		ECY 97-602 NWT PH-Dx modified	mg/kg	mg/kg	
08272	Diesel Range Organics C12-C24	n.a.	6.3	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals					
		SW-846 6010B	mg/kg	mg/kg	
06955	Lead	7439-92-1	89.6	0.273	1
Wet Chemistry					
		SM20 2540 G	%	%	
00111	Moisture	n.a.	21.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121181AA	04/27/2012 18:06	Kelly E Keller	0.85
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 10:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 10:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 10:20	Client Supplied	1
02005	NWT PH-Gx soil C7-C12	ECY 97-602 NWT PH-Gx	1	12118A31A	04/27/2012 22:39	Laura M Krieger	262.88
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 10:20	Client Supplied	n.a.

Sample Description: B-17-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625414
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 10:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B172-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121220007A	05/04/2012 06:59	Heather E Williams	1
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121220007A	05/01/2012 15:50	JoElla L Rice	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:08	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-18-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625415
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 11:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B188-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.031	49.77
10237	1,2-Dichloroethane	107-06-2	N.D.	0.062	49.77
10237	Ethylbenzene	100-41-4	2.0	0.062	49.77
10237	Naphthalene	91-20-3	1.9	0.062	49.77
10237	Toluene	108-88-3	N.D.	0.062	49.77
10237	Xylene (Total)	1330-20-7	3.0	0.062	49.77
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	4,400	270	5430.02
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	400	19	5
08272	Heavy Range Organics C24-C40	n.a.	N.D.	62	5
Metals SW-846 6010B					
06955	Lead	7439-92-1	8.88	0.274	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	19.8	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	Q121211AA	04/30/2012 13:43	Kerri E Legerlotz	49.77
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 11:50	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 11:50	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 11:50	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 09:38	Laura M Krieger	5430.02
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 11:50	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121220007A	05/04/2012 18:59	Heather E Williams	5

Sample Description: B-18-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625415
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 11:50 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B188-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121220007A	05/01/2012 15:50	JoElla L Rice	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:13	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820004B	04/26/2012 12:34	William C Schwebel	1

Sample Description: B-17-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625416
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 12:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B179-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.11	0.0005	0.82
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.82
10237	Ethylbenzene	100-41-4	0.003	0.001	0.82
10237	Naphthalene	91-20-3	N.D.	0.001	0.82
10237	Toluene	108-88-3	N.D.	0.001	0.82
10237	Xylene (Total)	1330-20-7	0.004	0.001	0.82
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	5.3	1.3	25.84
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	24	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	12.3	0.272	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	20.7	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121181AA	04/27/2012 18:28	Kelly E Keller	0.82
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 12:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 12:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 12:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 01:39	Laura M Krieger	25.84
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 12:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121220007A	05/04/2012 06:11	Heather E Williams	1

Sample Description: B-17-9 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625416
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 12:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B179-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121220007A	05/01/2012 15:50	JoElla L Rice	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:17	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820005A	04/26/2012 12:35	William C Schwebel	1

Sample Description: B-19-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625417
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 12:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B192-

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0005	0.0005	0.84
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.84
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.84
10237	Naphthalene	91-20-3	N.D.	0.001	0.84
10237	Toluene	108-88-3	N.D.	0.001	0.84
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.84
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.4	27.6
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	3.8	1
08272	Heavy Range Organics C24-C40	n.a.	68	13	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	10.4	0.277	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	21.3	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121181AA	04/27/2012 18:51	Kelly E Keller	0.84
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 12:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 12:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 12:20	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 00:27	Laura M Krieger	27.6
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 12:20	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121220007A	05/04/2012 07:47	Heather E Williams	1

Sample Description: B-19-2 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625417
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 12:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B192-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121220007A	05/01/2012 15:50	JoElla L Rice	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:22	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820005A	04/26/2012 12:35	William C Schwebel	1

Sample Description: B-19-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625418
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 13:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1910

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	0.0008	0.0007	0.95
10237	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.95
10237	Ethylbenzene	100-41-4	N.D.	0.001	0.95
10237	Naphthalene	91-20-3	N.D.	0.001	0.95
10237	Toluene	108-88-3	N.D.	0.001	0.95
10237	Xylene (Total)	1330-20-7	N.D.	0.001	0.95
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	N.D.	1.8	30.18
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	N.D.	4.4	1
08272	Heavy Range Organics C24-C40	n.a.	N.D.	15	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	11.2	0.307	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	31.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	A121211AA	05/01/2012 00:39	Kelly E Keller	0.95
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/19/2012 13:00	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/19/2012 13:00	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/19/2012 13:00	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12118A31A	04/28/2012 01:03	Laura M Krieger	30.18
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/19/2012 13:00	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121220007A	05/04/2012 06:35	Heather E Williams	1

Sample Description: B-19-10 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625418
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/19/2012 13:00 by SB

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 04/21/2012 10:00

San Ramon CA 94583

Reported: 05/07/2012 16:54

B1910

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	121220007A	05/01/2012 15:50	JoElla L Rice	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:26	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Conners	1
00111	Moisture	SM20 2540 G	1	12117820005A	04/26/2012 12:35	William C Schwebel	1

Sample Description: B-3-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625419
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 13:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B38--

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10237	Benzene	71-43-2	N.D.	0.040	58.19
10237	1,2-Dichloroethane	107-06-2	N.D.	0.080	58.19
10237	Ethylbenzene	100-41-4	0.18	0.080	58.19
10237	Naphthalene	91-20-3	1.0	0.080	58.19
10237	Toluene	108-88-3	N.D.	0.080	58.19
10237	Xylene (Total)	1330-20-7	2.8	0.080	58.19
GC Volatiles ECY 97-602 NWTPH-Gx					
02005	TPH by NWTPH-Gx soils	n.a.	470	27	490.56
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
08272	Diesel Range Organics C12-C24	n.a.	310	4.1	1
08272	Heavy Range Organics C24-C40	n.a.	15	14	1
Metals SW-846 6010B					
06955	Lead	7439-92-1	9.31	0.296	1
Wet Chemistry SM20 2540 G					
00111	Moisture	n.a.	27.1	0.50	1
"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	BTEX/EDC/Naphthalene 8260	SW-846 8260B	1	R121182AA	04/28/2012 07:42	Stephanie A Selis	58.19
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	201211427464	04/17/2012 13:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	201211427464	04/17/2012 13:20	Client Supplied	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201211427465	04/17/2012 13:20	Client Supplied	1
02005	NWTPH-Gx soil C7-C12	ECY 97-602 NWTPH-Gx	1	12116A34B	04/26/2012 18:27	Carrie E Miller	490.56
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201211427466	04/17/2012 13:20	Client Supplied	n.a.
08272	NWTPH-Dx soil	ECY 97-602 NWTPH-Dx modified	1	121210012A	05/03/2012 16:15	Heather E Williams	1

Sample Description: B-3-8 Grab Soil Sample
Facility# 352300
274 State Route-Tekoa, WA

LLI Sample # SW 6625419
LLI Group # 1303908
Account # 11255

Project Name: 352300

Collected: 04/17/2012 13:20 by SB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 04/21/2012 10:00

Reported: 05/07/2012 16:54

B38--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11234	WA DRO NW DX Soils (Non SG)	ECY 97-602 NWT PH-Dx 06/97	1	121210012A	05/01/2012 02:45	Sherry L Morrow	1
06955	Lead	SW-846 6010B	1	121215708003	05/01/2012 19:31	John P Hook	1
05708	SW SW846 ICP/ICP MS Digest	SW-846 3050B	1	121215708003	05/01/2012 08:03	Denise K Connors	1
00111	Moisture	SM20 2540 G	1	12117820005A	04/26/2012 12:35	William C Schwebel	1

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: A121161AA	Sample number(s): 6625376,6625392-6625393,6625397-6625399,6625401							
Benzene	N.D.	0.0005	mg/kg	85	87	80-120	2	30
1,2-Dichloroethane	N.D.	0.001	mg/kg	92	93	71-129	1	30
Ethylbenzene	N.D.	0.001	mg/kg	93	95	80-120	2	30
Naphthalene	N.D.	0.001	mg/kg	95	96	59-123	0	30
Toluene	N.D.	0.001	mg/kg	91	93	80-120	2	30
Xylene (Total)	N.D.	0.001	mg/kg	95	97	80-120	2	30
Batch number: A121171AA	Sample number(s): 6625386,6625390,6625394-6625396,6625400,6625403,6625405,6625407-6625409							
Benzene	N.D.	0.0005	mg/kg	91	93	80-120	2	30
1,2-Dichloroethane	N.D.	0.001	mg/kg	106	105	71-129	1	30
Ethylbenzene	N.D.	0.001	mg/kg	97	99	80-120	3	30
Naphthalene	N.D.	0.001	mg/kg	93	89	59-123	5	30
Toluene	N.D.	0.001	mg/kg	94	96	80-120	2	30
Xylene (Total)	N.D.	0.001	mg/kg	99	101	80-120	1	30
Batch number: A121181AA	Sample number(s): 6625413-6625414,6625416-6625417							
Benzene	N.D.	0.0005	mg/kg	94	95	80-120	0	30
1,2-Dichloroethane	N.D.	0.001	mg/kg	99	98	71-129	1	30
Ethylbenzene	N.D.	0.001	mg/kg	98	99	80-120	1	30
Naphthalene	N.D.	0.001	mg/kg	96	94	59-123	2	30
Toluene	N.D.	0.001	mg/kg	96	97	80-120	1	30
Xylene (Total)	N.D.	0.001	mg/kg	101	101	80-120	0	30
Batch number: A121211AA	Sample number(s): 6625418							
Benzene	N.D.	0.0005	mg/kg	87	89	80-120	3	30
1,2-Dichloroethane	N.D.	0.001	mg/kg	103	104	71-129	1	30
Ethylbenzene	N.D.	0.001	mg/kg	91	94	80-120	3	30
Naphthalene	N.D.	0.001	mg/kg	85	90	59-123	5	30
Toluene	N.D.	0.001	mg/kg	88	91	80-120	3	30
Xylene (Total)	N.D.	0.001	mg/kg	93	96	80-120	3	30
Batch number: Q121182AA	Sample number(s): 6625383-6625385,6625387-6625389,6625391,6625402,6625404,6625406,6625410-6625412							
Benzene	N.D.	0.025	mg/kg	103	106	80-120	2	30
1,2-Dibromoethane	N.D.	0.050	mg/kg	102	103	80-120	1	30
1,2-Dichloroethane	N.D.	0.050	mg/kg	109	110	71-129	1	30
Ethylbenzene	N.D.	0.050	mg/kg	98	102	80-120	4	30
n-Hexane	N.D.	0.050	mg/kg	86	97	48-126	12	30
Methyl Tertiary Butyl Ether	N.D.	0.025	mg/kg	105	107	74-121	2	30
Naphthalene	N.D.	0.050	mg/kg	86	92	59-123	7	30
Toluene	N.D.	0.050	mg/kg	99	102	80-120	3	30
Xylene (Total)	N.D.	0.050	mg/kg	97	100	80-120	3	30
Batch number: Q121211AA	Sample number(s): 6625415							

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Benzene	N.D.	0.025	mg/kg	101	103	80-120	2	30
1,2-Dichloroethane	N.D.	0.050	mg/kg	106	106	71-129	0	30
Ethylbenzene	N.D.	0.050	mg/kg	98	102	80-120	3	30
Naphthalene	N.D.	0.050	mg/kg	69	77	59-123	10	30
Toluene	N.D.	0.050	mg/kg	100	103	80-120	3	30
Xylene (Total)	N.D.	0.050	mg/kg	97	100	80-120	3	30

Batch number: R121181AA

Sample number(s): 6625377-6625382

Benzene	N.D.	0.025	mg/kg	104	108	80-120	4	30
1,2-Dibromoethane	N.D.	0.050	mg/kg	100	103	80-120	3	30
1,2-Dichloroethane	N.D.	0.050	mg/kg	107	109	71-129	2	30
Ethylbenzene	N.D.	0.050	mg/kg	99	102	80-120	3	30
n-Hexane	N.D.	0.050	mg/kg	118	126	48-126	7	30
Methyl Tertiary Butyl Ether	N.D.	0.025	mg/kg	106	108	74-121	2	30
Naphthalene	N.D.	0.050	mg/kg	84	87	59-123	4	30
Toluene	N.D.	0.050	mg/kg	99	103	80-120	5	30
Xylene (Total)	N.D.	0.050	mg/kg	98	102	80-120	4	30

Batch number: R121182AA

Sample number(s): 6625419

Benzene	N.D.	0.025	mg/kg	106	108	80-120	2	30
1,2-Dichloroethane	N.D.	0.050	mg/kg	105	107	71-129	2	30
Ethylbenzene	N.D.	0.050	mg/kg	101	104	80-120	3	30
Naphthalene	N.D.	0.050	mg/kg	84	86	59-123	3	30
Toluene	N.D.	0.050	mg/kg	104	107	80-120	3	30
Xylene (Total)	N.D.	0.050	mg/kg	102	104	80-120	2	30

Batch number: 12116SLB026

Sample number(s): 6625382, 6625402, 6625410

Benzo(a)anthracene	N.D.	0.00067	mg/kg	108		74-112		
Benzo(a)pyrene	N.D.	0.00067	mg/kg	104		70-109		
Benzo(b)fluoranthene	N.D.	0.00067	mg/kg	107		60-126		
Benzo(k)fluoranthene	N.D.	0.00067	mg/kg	120		65-130		
Chrysene	N.D.	0.00033	mg/kg	110		79-111		
Dibenz(a,h)anthracene	N.D.	0.00067	mg/kg	99		69-129		
Indeno(1,2,3-cd)pyrene	N.D.	0.00067	mg/kg	100		53-128		
1-Methylnaphthalene	N.D.	0.00067	mg/kg	101		72-114		
2-Methylnaphthalene	N.D.	0.00067	mg/kg	107		62-115		

Batch number: 12115A31A

Sample number(s): 6625376-6625387

TPH by NWTPH-Gx soils	N.D.	1.0	mg/kg	96	99	67-119	4	30
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Batch number: 12116A34A

Sample number(s): 6625388-6625390, 6625392-6625393, 6625395-6625405

TPH by NWTPH-Gx soils	N.D.	1.0	mg/kg	91	84	67-119	8	30
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Batch number: 12116A34B

Sample number(s): 6625391, 6625394, 6625406, 6625419

TPH by NWTPH-Gx soils	N.D.	1.0	mg/kg	91	84	67-119	8	30
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Batch number: 12118A31A

Sample number(s): 6625407-6625418

TPH by NWTPH-Gx soils	N.D.	1.0	mg/kg	100	100	67-119	1	30
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Batch number: 121170012A

Sample number(s): 6625376-6625385

Diesel Range Organics C12-C24	N.D.	3.0	mg/kg	75		60-120		
Heavy Range Organics C24-C40	N.D.	10.	mg/kg					

Batch number: 12117A08A

Sample number(s): 6625382, 6625402, 6625410

Benzene	N.D.	0.0500	mg/kg	110	106	70-130	4	50
C5-C6 Aliphatic Hydrocarbons	N.D.	2.50	mg/kg	76	90	70-130	17	50
C6-C8 Aliphatic Hydrocarbons	N.D.	2.50	mg/kg	81	91	70-130	12	50
C8-C10 Aliphatic Hydrocarbons	N.D.	2.50	mg/kg	81	91	70-130	12	50

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
C8-C10 Aromatic Hydrocarbons	N.D.	2.50	mg/kg	112	107	70-130	4	50
Ethylbenzene	N.D.	0.0500	mg/kg	112	107	70-130	4	50
Methyl t-butyl ether	N.D.	0.0500	mg/kg	114	104	70-130	9	50
Toluene	N.D.	0.0500	mg/kg	108	104	70-130	3	50
o-Xylene	N.D.	0.0500	mg/kg	110	110	70-130	0	50
m,p-Xylenes	N.D.	0.100	mg/kg	111	109	70-130	2	50

Batch number: 12117A08B	Sample number(s): 6625402							
C6-C8 Aliphatic Hydrocarbons	N.D.	2.50	mg/kg	81	91	70-130	12	50
C8-C10 Aliphatic Hydrocarbons	N.D.	2.50	mg/kg	81	91	70-130	12	50
C8-C10 Aromatic Hydrocarbons	N.D.	2.50	mg/kg	112	107	70-130	4	50

Batch number: 121210012A	Sample number(s): 6625386-6625393, 6625419							
Diesel Range Organics C12-C24	N.D.	3.0	mg/kg	79		60-120		
Heavy Range Organics C24-C40	N.D.	10.	mg/kg					

Batch number: 121210016A	Sample number(s): 6625394-6625403							
Diesel Range Organics C12-C24	N.D.	3.0	mg/kg	75		60-120		
Heavy Range Organics C24-C40	N.D.	10.	mg/kg					

Batch number: 121210017A	Sample number(s): 6625404-6625413							
Diesel Range Organics C12-C24	N.D.	3.0	mg/kg	77		60-120		
Heavy Range Organics C24-C40	N.D.	10.	mg/kg					

Batch number: 121220007A	Sample number(s): 6625414-6625418							
Diesel Range Organics C12-C24	N.D.	3.0	mg/kg	72		60-120		
Heavy Range Organics C24-C40	N.D.	10.	mg/kg					

Batch number: 121220008A	Sample number(s): 6625382, 6625402, 6625410							
>C10-C12 Aliphatic	N.D.	1.0	mg/kg	88		31-137		
>C10-C12 Aromatic	N.D.	1.0	mg/kg	79		22-119		
>C12-C16 Aliphatic	N.D.	1.0	mg/kg	84		42-146		
>C12-C16 Aromatic	N.D.	1.0	mg/kg	80		24-136		
>C16-C21 Aliphatic	N.D.	3.0	mg/kg	84		57-111		
>C16-C21 Aromatic	N.D.	2.0	mg/kg	86		34-143		
>C21-C34 Aliphatic	N.D.	6.0	mg/kg	81		50-124		
>C21-C34 Aromatic	N.D.	2.0	mg/kg	81		44-134		

Batch number: 12123A08A	Sample number(s): 6625402, 6625410							
Benzene	N.D.	0.0500	mg/kg	93	91	70-130	2	50
Ethylbenzene	N.D.	0.0500	mg/kg	85	96	70-130	13	50
Methyl t-butyl ether	N.D.	0.0500	mg/kg	98	92	70-130	6	50
Toluene	N.D.	0.0500	mg/kg	87	93	70-130	7	50
o-Xylene	N.D.	0.0500	mg/kg	88	98	70-130	11	50
m,p-Xylenes	N.D.	0.100	mg/kg	93	100	70-130	7	50

Batch number: 121145708002	Sample number(s): 6625376							
Lead	N.D.	0.220	mg/kg	103		80-120		

Batch number: 121155708004	Sample number(s): 6625377-6625396							
Lead	N.D.	0.218	mg/kg	107		80-120		

Batch number: 121165708003	Sample number(s): 6625397-6625405							
Lead	N.D.	0.218	mg/kg	103		80-120		

Batch number: 121185708007	Sample number(s): 6625406-6625410							
Lead	N.D.	0.220	mg/kg	103		80-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 121215708003	Sample number(s): 6625411-6625419							
Lead	N.D.	0.220	mg/kg	102		80-120		
Batch number: 12118049531A	Sample number(s): 6625392							
TOC Solids/Sludges Combustion	N.D.	0.0100	% by wt.	83		22-139		
Batch number: 12117820004A	Sample number(s): 6625396							
Moisture				100		99-101		
Batch number: 12117820004B	Sample number(s): 6625397-6625404, 6625406-6625415							
Moisture				100		99-101		
Batch number: 12117820005A	Sample number(s): 6625416-6625419							
Moisture				100		99-101		
Batch number: 12118820001B	Sample number(s): 6625405							
Moisture				100		99-101		
Batch number: 12118820003A	Sample number(s): 6625376-6625384							
Moisture				100		99-101		
Batch number: 12118820003B	Sample number(s): 6625385-6625395							
Moisture				100		99-101		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: A121161AA	Sample number(s): 6625376, 6625392-6625393, 6625397-6625399, 6625401 UNSPK: P624616								
Benzene	94		55-143						
1,2-Dichloroethane	108		68-131						
Ethylbenzene	100		44-141						
Naphthalene	67		10-138						
Toluene	102		50-146						
Xylene (Total)	102		44-136						
Batch number: A121181AA	Sample number(s): 6625413-6625414, 6625416-6625417 UNSPK: P626377								
Benzene	71		55-143						
1,2-Dichloroethane	72		68-131						
Ethylbenzene	71		44-141						
Naphthalene	66		10-138						
Toluene	71		50-146						
Xylene (Total)	71		44-136						
Batch number: A121211AA	Sample number(s): 6625418 UNSPK: P626355								
Benzene	71		55-143						
1,2-Dichloroethane	84		68-131						
Ethylbenzene	73		44-141						
Naphthalene	38		10-138						
Toluene	76		50-146						

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Xylene (Total)	73		44-136						
Batch number: Q121211AA	Sample number(s): 6625415 UNSPK: P630319								
Benzene	87	96	55-143	5	30				
1,2-Dichloroethane	96	101	68-131	2	30				
Ethylbenzene	-1117 (2)	-64 (2)	44-141	11	30				
Naphthalene	-132 (2)	62 (2)	10-138	11	30				
Toluene	76	94	50-146	9	30				
Xylene (Total)	-1410 (2)	-114 (2)	44-136	10	30				
Batch number: R121181AA	Sample number(s): 6625377-6625382 UNSPK: P624371								
Benzene	95	97	55-143	0	30				
1,2-Dibromoethane	92	94	54-129	0	30				
1,2-Dichloroethane	98	98	68-131	2	30				
Ethylbenzene	91	94	44-141	2	30				
n-Hexane	71	76	33-169	4	30				
Methyl Tertiary Butyl Ether	101	98	55-129	4	30				
Naphthalene	79	82	10-138	1	30				
Toluene	92	95	50-146	2	30				
Xylene (Total)	90	94	44-136	3	30				
Batch number: 12116SLB026	Sample number(s): 6625382, 6625402, 6625410 UNSPK: 6625382								
Benzo(a)anthracene	105	108	32-135	3	30				
Benzo(a)pyrene	94	96	57-117	3	30				
Benzo(b)fluoranthene	95	100	26-142	5	30				
Benzo(k)fluoranthene	108	110	49-145	2	30				
Chrysene	112	113	23-138	1	30				
Dibenz(a,h)anthracene	88	90	29-138	2	30				
Indeno(1,2,3-cd)pyrene	89	92	25-136	3	30				
1-Methylnaphthalene	0 (2)	36 (2)	25-142	7	30				
2-Methylnaphthalene	9 (2)	41 (2)	49-134	6	30				
Batch number: 121170012A	Sample number(s): 6625376-6625385 BKG: 6625376								
Diesel Range Organics C12-C24					N.D.	N.D.		0 (1)	20
Heavy Range Organics C24-C40					N.D.	N.D.		0 (1)	20
Batch number: 121210012A	Sample number(s): 6625386-6625393, 6625419 BKG: P625369								
Diesel Range Organics C12-C24					14	7.2		65* (1)	20
Heavy Range Organics C24-C40					N.D.	N.D.		0 (1)	20
Batch number: 121210016A	Sample number(s): 6625394-6625403 BKG: 6625394								
Diesel Range Organics C12-C24					N.D.	N.D.		0 (1)	20
Heavy Range Organics C24-C40					N.D.	N.D.		0 (1)	20
Batch number: 121210017A	Sample number(s): 6625404-6625413 BKG: 6625404								
Diesel Range Organics C12-C24					N.D.	N.D.		0 (1)	20
Heavy Range Organics C24-C40					N.D.	N.D.		0 (1)	20
Batch number: 121220007A	Sample number(s): 6625414-6625418 BKG: 6625414								
Diesel Range Organics C12-C24					5.0		14	96* (1)	20

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup</u> <u>RPD</u> <u>Max</u>
Heavy Range Organics C24-C40						N.D.	N.D.	0 (1)	20
Batch number: 121220008A	Sample number(s): 6625382, 6625402, 6625410 UNSPK: 6625382 BKG: 6625382								
>C10-C12 Aliphatic	-58 (2)		31-137			120	130	12	25
>C10-C12 Aromatic	66		22-119			6.2	12	65* (1)	25
>C12-C16 Aliphatic	-406 (2)		42-146			230	220	4	25
>C12-C16 Aromatic	46		42-122			22	32	38* (1)	25
>C16-C21 Aliphatic	-145 (2)		57-111			130	120	9	25
>C16-C21 Aromatic	44*		53-132			43	52	17	25
>C21-C34 Aliphatic	40		38-120			39	39	1 (1)	25
>C21-C34 Aromatic	71		55-126			13	15	16 (1)	25
Batch number: 121145708002	Sample number(s): 6625376 UNSPK: P624847 BKG: P624847								
Lead	156 (2)	289 (2)	75-125	9	20	186	204	9	20
Batch number: 121155708004	Sample number(s): 6625377-6625396 UNSPK: 6625386 BKG: 6625386								
Lead	95	97	75-125	1	20	5.82	5.53	5 (1)	20
Batch number: 121165708003	Sample number(s): 6625397-6625405 UNSPK: P624366 BKG: P624366								
Lead	81	108	75-125	12	20	17.5	88.6	134*	20
Batch number: 121185708007	Sample number(s): 6625406-6625410 UNSPK: P624371 BKG: P624371								
Lead	114	113	75-125	0	20	20.0	27.0	30*	20
Batch number: 121215708003	Sample number(s): 6625411-6625419 UNSPK: P631191 BKG: P631191								
Lead	102	102	75-125	0	20	3.48	3.11	11 (1)	20
Batch number: 12118049531A	Sample number(s): 6625392 UNSPK: P623155 BKG: P623155								
TOC Solids/Sludges Combustion	107		24-149			2.89	3.04	5	13
Batch number: 12117820004A	Sample number(s): 6625396 BKG: 6625396								
Moisture						25.2	25.3	0	15
Batch number: 12117820004B	Sample number(s): 6625397-6625404, 6625406-6625415 BKG: 6625397								
Moisture						24.1	25.4	5	15
Batch number: 12117820005A	Sample number(s): 6625416-6625419 BKG: P626353								
Moisture						3.0	3.2	7	15
Batch number: 12118820001B	Sample number(s): 6625405 BKG: 6625405								
Moisture						19.3	18.4	5	15
Batch number: 12118820003A	Sample number(s): 6625376-6625384 BKG: 6625380								
Moisture						24.0	23.7	1	15
Batch number: 12118820003B	Sample number(s): 6625385-6625395 BKG: 6625385								
Moisture						18.3	18.7	2	15

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Ext. Soil Master w/GRO

Batch number: A121161AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625376	101	100	105	92
6625392	100	101	99	95
6625393	102	105	96	98
6625397	103	103	97	96
6625398	102	102	98	94
6625399	101	97	104	85
6625401	103	102	95	97
Blank	97	97	99	96
LCS	100	99	99	98
LCSD	99	99	99	98
MS	102	101	100	94
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260 Ext. Soil Master w/GRO

Batch number: A121171AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625386	99	102	108	104
6625390	98	102	123	109
6625394	100	103	110	100
6625395	99	99	99	109
6625396	100	104	98	94
6625400	100	107	97	96
6625403	99	99	99	90
6625405	100	106	96	96
6625407	100	103	98	99
6625408	95	103	97	94
6625409	96	102	97	92
Blank	103	97	96	97
LCS	105	100	97	99
LCSD	102	96	98	98
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260 Ext. Soil Master w/GRO

Batch number: A121181AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625413	95	97	99	93
6625414	99	105	96	97
6625416	99	103	98	98
6625417	100	105	96	95
Blank	99	97	96	94
LCS	100	101	98	97
LCSD	99	99	98	98
MS	98	99	99	95
Limits:	50-141	54-135	52-141	50-131

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Surrogate Quality Control

Analysis Name: 8260 Ext. Soil Master w/GRO
Batch number: A121211AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625418	103	104	96	93
Blank	104	100	95	96
LCS	105	100	96	99
LCSD	105	99	97	99
MS	103	106	98	94
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260 Ext. Soil Master w/GRO
Batch number: Q121182AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625383	90	95	95	86
6625384	77	83	92	98
6625385	91	96	105	90
6625387	90	94	92	81
6625388	83	88	107	109
6625389	91	97	95	93
6625391	87	95	99	109
6625402	74	78	133	74
6625404	78	84	102	96
6625406	78	84	80	90
6625410	78	83	110	105
6625411	83	89	87	83
6625412	89	98	94	88
Blank	105	111	109	97
LCS	104	107	107	101
LCSD	104	111	107	102
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260 Ext. Soil Master w/GRO
Batch number: Q121211AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625415	86	91	97	89
Blank	99	104	105	91
LCS	101	104	108	98
LCSD	101	102	109	98
MS	85	94	96	92
MSD	89	95	100	96
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260 Ext. Soil Master w/GRO
Batch number: R121181AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6625377	75	81	78	77
6625378	77	81	81	81
6625379	74	79	75	74
6625380	77	81	121	130
6625381	72	74	77	82

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1303908

Reported: 05/07/12 at 04:54 PM

Surrogate Quality Control

6625382	75	80	79	81
Blank	95	100	96	92
LCS	91	97	90	94
LCSD	94	95	91	96
MS	81	86	78	80
MSD	78	79	77	77

Limits: 50-141 54-135 52-141 50-131

Analysis Name: 8260 Ext. Soil Master w/GRO

Batch number: R121182AA

Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 4-Bromofluorobenzene

6625419	80	81	92	98
Blank	94	98	94	94
LCS	93	97	94	98
LCSD	91	93	95	97

Limits: 50-141 54-135 52-141 50-131

Analysis Name: PAH SIM 8270 Soil Microwave

Batch number: 12116SLB026

Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14

6625382	132	108	119
6625402	589*	87	93
6625410	330*	85	101
Blank	90	93	102
LCS	92	91	94
MS	124	87	94
MSD	110	89	100

Limits: 53-152 38-142 46-149

Analysis Name: NWTPH-Gx soil C7-C12

Batch number: 12115A31A

Trifluorotoluene-F

6625376	90
6625377	101
6625378	98
6625379	93
6625380	107
6625381	109
6625382	113
6625383	87
6625384	83
6625385	105
6625386	85
6625387	113
Blank	101
LCS	99
LCSD	102

Limits: 61-122

Analysis Name: NWTPH-Gx soil C7-C12

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 05/07/12 at 04:54 PM

Group Number: 1303908

Surrogate Quality Control

Batch number: 12116A34A
Trifluorotoluene-F

6625388	232*
6625389	96
6625390	97
6625392	149*
6625393	153*
6625395	80
6625396	75
6625397	73
6625398	76
6625399	63
6625400	108
6625401	74
6625402	168*
6625403	61
6625404	81
6625405	73
Blank	85
LCS	86
LCSD	80

Limits: 61-122

Analysis Name: NWTPH-Gx soil C7-C12
Batch number: 12116A34B
Trifluorotoluene-F

6625391	0*
6625394	86
6625406	84
6625419	78
Blank	94
LCS	86
LCSD	80

Limits: 61-122

Analysis Name: NWTPH-Gx soil C7-C12
Batch number: 12118A31A
Trifluorotoluene-F

6625407	89
6625408	162*
6625409	81
6625410	131*
6625411	83
6625412	84
6625413	70
6625414	79
6625415	134*
6625416	77
6625417	77
6625418	66
Blank	102
LCS	104

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 05/07/12 at 04:54 PM

Group Number: 1303908

Surrogate Quality Control

LCSD 102

Limits: 61-122

Analysis Name: NWTPH-Dx soil
Batch number: 121170012A
Orthoterphenyl

6625376	75
6625377	142
6625378	89
6625379	85
6625380	89
6625381	89
6625382	88
6625383	86
6625384	90
6625385	83
Blank	84
DUP	81
LCS	95

Limits: 50-150

Analysis Name: WA- VPH soils

Batch number: 12117A08A

Trifluorotoluene-P

Trifluorotoluene-F

6625382	186*	149*
6625410	321*	320*
Blank	105	94
LCS	102	91
LCSD	105	93

Limits: 60-140

60-140

Analysis Name: WA- VPH soils

Batch number: 12117A08B

Trifluorotoluene-P

Trifluorotoluene-F

6625402	1202*	1776*
Blank	51*	45*
LCS	102	91
LCSD	105	93

Limits: 60-140

60-140

Analysis Name: NWTPH-Dx soil

Batch number: 121210012A

Orthoterphenyl

6625386	105
6625387	95
6625388	128
6625389	111
6625390	93
6625391	112

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 05/07/12 at 04:54 PM

Group Number: 1303908

Surrogate Quality Control

6625392 92
6625393 101
6625419 140
Blank 78
DUP 86
LCS 101

Limits: 50-150

Analysis Name: NWTPH-Dx soil
Batch number: 121210016A
Orthoterphenyl

6625394 100
6625395 104
6625396 103
6625397 101
6625398 89
6625399 94
6625400 73
6625401 95
6625402 98
6625403 89
Blank 98
DUP 81
LCS 96

Limits: 50-150

Analysis Name: NWTPH-Dx soil
Batch number: 121210017A
Orthoterphenyl

6625404 96
6625405 89
6625406 99
6625407 96
6625408 128
6625409 88
6625410 93
6625411 78
6625412 90
6625413 95
Blank 96
DUP 101
LCS 97

Limits: 50-150

Analysis Name: NWTPH-Dx soil
Batch number: 121220007A
Orthoterphenyl

6625414 100
6625415 84
6625416 93
6625417 70

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 05/07/12 at 04:54 PM

Group Number: 1303908

Surrogate Quality Control

6625418 94
Blank 81
DUP 92
LCS 93

Limits: 50-150

Analysis Name: WA EPH in Soil

Batch number: 121220008A

Orthoterphenyl

1-chlorooctadecane

6625382	96	78
6625402	73	56
6625410	75	65
Blank	85	71
DUP	97	73
LCS	83	70
MS	62	73

Limits: 30-127

33-122

Analysis Name: WA- VPH soils

Batch number: 12123A08A

Trifluorotoluene-P

Trifluorotoluene-F

6625402	1328*	2477*
6625410	391*	664*
Blank	95	107
LCS	118	106
LCSD	116	108

Limits: 60-140

60-140

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

eurofins

Acct. #

11255

Group # 1303909

For Lancaster Laboratories use only

Sample #

only 6625376-419

Instructions on reverse side correspond with circled numbers

1 Client Information				4 Matrix		5 Analyses Requested												6 Remarks	
Facility # WBS Site Address <u>Former Chevron Site No. 352300</u> <u>274 State Route, Tukwa WA</u> Chevron PM <u>Maulen Harman</u> Lead Consultant Consultant/Office <u>Boise, ID</u> Consultant Project Mgr. <u>R. Santos</u> Consultant Phone # <u>208-429-3773</u> Sampler <u>S. Brown G Cisneros</u>				☐ Sediment ☐ Ground ☐ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Soil ☐ Water ☐ Oil		Total Number of Containers ☒ 8021 ☐ 8260 ☒ Naphth 8260 full scan Oxygenates NWTPH GX NWTPH DX ☒ Silica Gel Cleanup Lead ☒ Total ☒ Diss. ☐ Method <u>6000B</u> WAVPH ☐ WAEPH ☐ <u>EDC, Naphthalene 8260B</u> <u>Moisture</u>												SCR #: ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits	
2 Sample Identification			3 Composite																
		Collected		Grab	Composite														
		Date	Time																
B-2-2		4/17	0900																
B-1-3		4/17	0910																
B-2-4		4/17	0920																
B-1-4			0930																
B-1-6			1100																
B-1-10			1105																
B-2-7*			1130																
B-2-10			1135																
B-3-5			1250																
B-4-5			1255																
B-4-10			1315																
B-5-4			1410																
B-6-5		✓	1440																
7 Turnaround Time Requested (TAT) (please circle) <u>Standard</u> 5 day 4 day 72 hour 48 hour 24 hour				Relinquished by <u>[Signature]</u> Relinquished by _____		Date <u>4/20/12</u> Date _____		Time <u>1400</u> Time <u>1600</u>		Received by _____ Received by _____		Date _____ Date _____		Time _____ Time _____					
				Relinquished by Commercial Carrier: UPS _____ FedEx ☒ Other _____		Date _____ Date _____		Time _____ Time _____		Received by <u>[Signature]</u> Received by _____		Date <u>4/20/12</u> Date _____		Time <u>1000</u> Time _____					
8 Data Package Options (please circle if required) Type I - Full _____ Type VI (Raw Data) _____				Temperature Upon Receipt <u>24.30</u> °C				Custody Seals Intact? <u>Yes</u> No											

Chevron Northwest Region Analysis Request/Chain of Custody



**Lancaster
Laboratories**

Acct. # 11255 Group # 1303903 Sample # 6625376-419
For Lancaster Laboratories use only
Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested																																																					
Facility # <u>Former Chevron Site No. 352300</u>				☐ Sediment ☐ Potable ☐ NPDES ☐ Oil ☐ Ground ☐ Air ☐ Surface				☐ Naphth ☒ 8260 ☐ 8021 ☐ MTBE ☐ 8260 full scan ☐ Oxygenates ☐ NWTPH GX ☒ NWTPH DX ☒ Silica Gel Cleanup ☐ Lead ☒ Total ☐ Diss. ☐ Method 6010B ☐ WAPPH ☐ WAEPH ☐ FOC, Naphthalene 8260B ☐ Moisture ☐ FOC (added per G-619) 04/24/12																																																					
Site Address <u>274 State Route, Tekoa WA</u>																																																													
Chevron PM <u>Marlea Harmon</u>																																																													
Consultant/Office <u>Boise, ID</u>																																																													
Consultant Project Mgr. <u>Ron Santos</u>																																																													
Consultant Phone # <u>208-429-3772</u>				☐ Composite ☐ Grab																																																									
Sampler <u>S. Brown</u>																																																													
Sample Identification																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Collected</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>B-5-8</td><td>4/17</td><td>1445</td></tr> <tr><td>B-6-10</td><td>4/17</td><td>1530</td></tr> <tr><td>B-5-7</td><td>4/17</td><td>1545</td></tr> <tr><td>B-8-4</td><td>4/18</td><td>0915</td></tr> <tr><td>B-7-4</td><td>4/18</td><td>0920</td></tr> <tr><td>B-7-9</td><td>4/18</td><td>1000</td></tr> <tr><td>B-8-8</td><td>4/18</td><td>1010</td></tr> <tr><td>B-10-3</td><td>4/18</td><td>1100</td></tr> <tr><td>B-9-4</td><td>4/18</td><td>1105</td></tr> <tr><td>B-9-7</td><td>4/18</td><td>1140</td></tr> <tr><td>B-10-6</td><td>4/18</td><td>1145</td></tr> <tr><td>B-11-2</td><td>4/18</td><td>1350</td></tr> <tr><td>B-12-2</td><td>4/18</td><td>1400</td></tr> </tbody> </table>																				Collected	Date	Time	B-5-8	4/17	1445	B-6-10	4/17	1530	B-5-7	4/17	1545	B-8-4	4/18	0915	B-7-4	4/18	0920	B-7-9	4/18	1000	B-8-8	4/18	1010	B-10-3	4/18	1100	B-9-4	4/18	1105	B-9-7	4/18	1140	B-10-6	4/18	1145	B-11-2	4/18	1350	B-12-2	4/18	1400
Collected	Date	Time																																																											
B-5-8	4/17	1445																																																											
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7 Turnaround Time Requested (TAT) (please circle) Standard 5 day 4 day 72 hour 48 hour 24 hour Relinquished by <u>[Signature]</u> Relinquished by <u>[Signature]</u> Date <u>4-5-12</u> Date <u>4/20/12</u> Time <u>1015</u> Time <u>1400</u> Received by <u>[Signature]</u> Received by <u>[Signature]</u>				8 Data Package Options (please circle if required) Type I - Full Type VI (Raw Data) Relinquished by Commercial Carrier: UPS FedEx Other Temperature Upon Receipt <u>24.2.0</u> °C Custody Seals Intact? <u>Yes</u> No																																																									

SCR #: 120443

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm MTBE + Naphthalene
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

6 Remarks

9

221297



Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Chevron Northwest Region Analysis Request/Chain of Custody



Lancaster
Laboratories

Acct. # 11255 Group # 1303903 Sample # 6625376-419
For Lancaster Laboratories use only
Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested												6 Remarks						
Facility # <u>WBS</u> Site Address <u>Chevron Site No. 352300</u> <u>274 State Route, Tekoa, WA</u> Chevron PM <u>Marlean Harmon</u> Lead Consultant Consultant/Office <u>Boise ID</u> Consultant Project Mgr. <u>Ron Santos</u> Consultant Phone # <u>208-429-3772</u> Sampler <u>G. Cisneros & Brown</u>				☐ Sediment ☐ Potable ☐ Ground ☐ NPDES ☐ Surface ☐ Oil ☐ Air				Total Number of Containers ☒ 8021 MTBE ☐ 8260 Naphth ☐ 8260 full scan ☐ Oxygenates ☐ NWTPH GX ☒ NWTPH DX ☒ Silica-Gel-Cleanup ☐ Lead ☒ Total ☐ Diss. ☐ Method 6010B ☐ WAPPH ☐ WAEPH <u>ED, Naphthalene 8260B</u> <u>Moisture</u>												SCR #: _____ ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits						
2 Sample Identification		3 Collected		Grab	Composite	Soil	Water	Oil	Total	8021	MTBE	8260	Naphth	8260 full scan	Oxygenates	NWTPH GX	NWTPH DX	Silica-Gel-Cleanup	Lead	Total	Diss.	Method 6010B	WAPPH	WAEPH	ED, Naphthalene 8260B	Moisture
Date	Time																									
B-18-8	4-19-12	1150	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
B-17-9	4-19-12	1200	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
B-19-2	4-19-12	1220	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
B-19-10	4-19-12	1300	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
B-3-8	4-17-12	1320	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7 Turnaround Time Requested (TAT) (please circle) ☒ Standard 5 day 4 day 72 hour 48 hour 24 hour				Relinquished by <u>[Signature]</u>		Date <u>4/20/12</u>		Time <u>1400</u>		Received by <u>[Signature]</u>		Date		Time												
				Relinquished by		Date		Time		Received by		Date		Time												
				Relinquished by		Date		Time		Received by		Date		Time												
				Relinquished by		Date		Time		Received by		Date		Time												
				Relinquished by		Date		Time		Received by		Date		Time												
8 Data Package Options (please circle if required) Type I - Full Type VI (Raw Data)				Relinquished by Commerical Carrier:								Received by		Date		Time										
				UPS _____ FedEx ☒ Other _____								<u>[Signature]</u>		<u>4/20/12</u>		<u>1400</u>										
				Temperature Upon Receipt <u>24.30</u> °C								Custody Seals Intact?		Yes		No										

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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