FARALLON consulting

975 5th Avenue Northwest, Issaquah, Washington 98027
Tel: (425) 295-0800 Fax: (425) 295-0850
www.farallonconsulting.com

CLEANUP ACTION PROGRESS REPORT
MARCH 2011 TO MAY 2012

ALLISON'S NORGE VILLAGE (AKA EASTSIDE LAUNDRY)
120 NORTHEAST TURNER STREET
OLYMPIA, WASHINGTON
VCP NO. SW0370

Submitted by:
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, Washington 98027

Farallon PN: 663-010

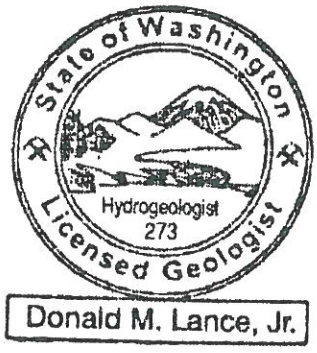
For:
Allison's Norge Village Dry Cleaners
Mr. Michael Allison
3845 South Warner Street
Tacoma, Washington 98409

August 21, 2012

Prepared by:



Donald Lance, L.G., L.H.G.
Senior Geologist



Reviewed by:



J. Riley Conkin, L.G., L.H.G.
Principal Geologist

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1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this Cleanup Action Progress Report for the former Allison's Norge Village Dry Cleaners site at 120 Northeast Turner Street in Olympia, Washington (herein referred to as the Site) (Figure 1). This report summarizes the cleanup activities conducted at the Site for:

- Progress soil sampling conducted in August 2011;
- Semiannual groundwater compliance monitoring events conducted in March and November 2011, and February 2012; and
- Restart and operation of the soil vapor extraction (SVE) system between August 2011 and May 2012.

The remediation system addresses releases of tetrachloroethene (PCE) attributable to former dry cleaning operations at the Site. The releases have impacted soil and groundwater at concentrations exceeding the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels as established in Chapter 173-340 of the Washington Administrative Code (WAC 173-340). The cleanup action is being conducted in accordance with MTCA as an independent remedial action under the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program. The cleanup action at the Site primarily consists of operation and maintenance of an SVE remediation system and compliance groundwater monitoring.

1.1 SITE DESCRIPTION AND BACKGROUND

The Site currently is developed with a single-story brick masonry building that was constructed in the early 1960s and consists of four separate tenant suites (Figure 2). Two of the suites are occupied by a barbershop and an insurance broker. The northern and southern suites, previously occupied by Eastside Laundry, currently are vacant. Dry cleaning operations were conducted at the Site from approximately 1962 until early 2012. Historical dry cleaning operations were located in the northern suite. The southern suite was used only for laundry pick-up and drop-off.

The SVE system was installed at the Site in 2006 and began operation in April 2007 to reduce concentrations of PCE in soil and thereby reduce the source of PCE to groundwater. Several previous cleanup action reports for the Site were prepared by Farallon:

- A detailed summary of the SVE system construction, installation, and operation was presented in the *Cleanup Action Status Report, August 2006 to August 2007 Allison's Norge Village (aka Eastside Laundry), 120 Northeast Turner Street, Olympia, Washington* dated October 19, 2007;
- Cleanup action activities conducted between September 2007 and January 2008 were summarized in the letter regarding Cleanup Action Status Report – September 2007 through January 2008, Allison's Norge Village, 120 Northeast Turner Street, Olympia, Washington dated March 26, 2008;

- Cleanup action activities conducted between February and May 2008 were summarized in the letter regarding Cleanup Action Progress Report – February through May 2008, Allison's Norge Village, 120 Northeast Turner Street, Olympia, Washington dated July 29, 2008; and
- A summary of additional remedial investigation and cleanup action activities was presented in the *Cleanup Action Progress Report, June 2008 to June 2010 Allison's Norge Village (aka Eastside Laundry), 120 Northeast Turner Street, Olympia, Washington* dated October 25, 2010.

These documents should be referenced for additional background information and specific details pertaining to the cleanup action.

1.2 REPORT ORGANIZATION

This Cleanup Action Progress Report has been organized into the following sections:

- Section 2 presents a summary of the progress soil sampling activities and results conducted in August 2011;
- Section 3 presents a description of the methods and results of the semiannual groundwater compliance monitoring events conducted in March and November 2011 and February 2012;
- Section 4 provides a description of the SVE system restart, and system operations and performance;
- Section 5 presents Farallon's conclusions; and
- Section 6 includes Farallon's standard limitations.

2.0 PROGRESS SOIL SAMPLING ACTIVITIES

This section presents a summary of the progress soil sampling activities and results conducted in August 2011. Progress soil sampling was conducted at the request of ECC Horizon, environmental consultant for Liberty Mutual Insurance Company, to evaluate cleanup progress for the SVE remediation system at the Site. The scope of work included advancement of four borings adjacent to prior borings where high concentrations of PCE were detected in soil samples. Soil samples were collected for laboratory analysis from the same approximate sample depths as the prior adjacent borings, which allowed comparison of the PCE concentrations in soil samples collected prior to and after installation and operation of the SVE system.

2.1 SCOPE OF WORK

New borings EB-15, EB-16, EB-17, and IB-6 were advanced at the Site on August 8 to 10, 2011 to provide data for evaluation of soil cleanup progress. The new borings were advanced as close as practicable to prior borings SB-1, SB-2/MW-2, EB-7, and IB-3, which were drilled in 2001 and 2004 prior to installation of the SVE system (Figure 2). Soil samples were collected for analysis of PCE from depth intervals in the new borings to closely match those of the prior borings, as described below:

- Boring EB-15 was drilled adjacent to prior boring EB-7 southeast of the Laundry Suite;
- Boring EB-16 was drilled adjacent to monitoring well MW-6/SVE-12S south of and adjacent to the Dry Cleaner Suite;
- Boring EB-17 was drilled adjacent to prior boring SB-1 southeast of the Dry Cleaner Suite; and
- Boring IB-6 was drilled adjacent to prior boring IB-3 inside the Dry Cleaner Suite.

Prior to initiating the progress soil sampling activities, Farallon coordinated access with property owner Stormans, Inc. and retained public and private utility locating services to clear the proposed boring locations. In addition, a traffic control plan was developed and Right-of-Way/Obstruction Permit No. 11-2529 was obtained from the City of Olympia for drilling boring EB-15 adjacent to the City of Olympia right-of-way on Turner Street.

Drilling of the EB-designated borings was conducted by Cascade Drilling, Inc. of Woodinville, Washington (Cascade Drilling) on August 8 and 9, 2011 using a hollow-stem auger drilling rig. Interior boring IB-6 was advanced by Cascade Drilling on August 10, 2011 using a limited-access direct-push rig. Drilling activities were conducted under the observation of a Farallon Geologist.

Soil samples from the hollow-stem auger borings were collected at intervals of 2.5 feet to the total depth of each boring using a split-spoon sampler. Soil samples from the direct-push boring were collected continuously to the total depth of the boring. Samples from the borings were logged and described in accordance with the Unified Soil Classification System. The soil was

observed for visual or olfactory signs of contamination, and volatile organic vapors in each soil sample were measured using a photoionization detector (PID). Headspace analysis was conducted by placing soil from each sample interval into a resealable plastic bag and allowing the sample to warm for several minutes. The probe of the PID was then inserted into the bag and the highest reading obtained over an approximately 30-second period was recorded. Soil samples were retained for laboratory analysis from predetermined intervals, which were based on the sample intervals from the corresponding prior boring to allow comparison of sample analytical results from the same depth intervals. Field observations and measurements were recorded on boring log forms, which are included in Appendix A.

Soil samples were collected and handled in accordance with procedures for U.S. Environmental Protection Agency (EPA) Method 5035 for sampling and analysis of volatile organic compounds. Samples were placed on ice in a cooler and transported to OnSite Environmental Inc. (OnSite Environmental) of Redmond, Washington under standard chain-of-custody protocols for analysis of halogenated volatile organic compounds (HVOCs) by EPA Method 8260B.

The soil cuttings and decontamination water generated during the drilling activities were placed into appropriately labeled 55-gallon drums and temporarily stored on the Site pending waste profiling. Farallon submitted a request to Ecology for a Contained-In Determination for disposal of the soil cuttings as non-hazardous waste. Ecology granted permission to dispose of approximately 2.7 cubic yards (10 drums) of soil cuttings from borings EB-15 through EB-17 at the Columbia Ridge Landfill, a permitted Resource Conservation and Recovery Act (RCRA) Subtitle D non-hazardous waste landfill in Arlington, Oregon. One drum of soil cuttings from boring IB-6 and two drums of decontamination wastewater were disposed of at the Chemical Waste Management of the Northwest RCRA Subtitle C hazardous waste landfill in Arlington, Oregon. The wastes were removed from the Site on February 22, 2012 by Kleen Environmental Technologies.

2.2 RESULTS

The laboratory analytical results for soil samples collected from borings EB-15 through EB-17 and IB-6 are summarized on Figure 2 and in Table 1. The laboratory analytical reports are presented in Appendix B.

PCE was detected at concentrations exceeding the MTCA Method A soil cleanup level of 0.05 milligrams per kilogram (mg/kg) in the soil samples collected from boring EB-15 at 22.5 feet below ground surface (bgs), from boring EB-16 at 3 and 10.5 feet bgs, and from boring IB-6 at 4.5, 15, and 20 feet bgs from (Table 1; Figure 2). The highest PCE concentration of 5.8 mg/kg was detected in the soil sample collected from boring IB-6 at 4.5 feet bgs, which is proximate to the main source area. PCE concentrations detected in the remaining soil samples collected from the borings were reported below the MTCA Method A cleanup level.

New borings EB-15, EB-16, EB-17, and IB-6 were advanced as close as practicable to prior borings EB-7, MW-6/SVE-12S, SB-1, and IB-3, respectively, and soil samples for analysis were

collected from depth intervals in the new borings to closely match those of the prior borings. The laboratory results for PCE in soil samples collected from these borings are presented on Figure 2 to allow direct comparison. The comparison confirms substantial reductions in PCE concentrations for each sample interval compared. These data demonstrate that the SVE system operations have been effective in reducing PCE mass in soil across the Site.

3.0 GROUNDWATER MONITORING EVENTS

This section summarizes the compliance groundwater monitoring events conducted at the Site on March 24 and September 13, 2011, and February 21, 2012. The monitoring well construction details, groundwater level measurements and calculated groundwater surface elevations, and laboratory analytical results are presented in Tables 2 through 4, respectively. The laboratory analytical reports are included in Appendix B.

3.1 SCOPE OF WORK

Each compliance groundwater monitoring event conducted at the Site consisted of gauging monitoring wells MW-1, MW-2, MW-5, and MW-7 through MW-13; and collecting groundwater samples from monitoring wells MW-2, MW-5, MW-7, and MW-9 through MW-13.

Upon arrival at the Site, Farallon personnel opened the monitoring wells to allow equilibration of water levels with the atmospheric pressure for a minimum of 15 minutes prior to measuring groundwater levels. Groundwater levels were measured using an electric water-level meter to an accuracy of 0.01 foot relative to the surveyed location on the top of the well casing. All the groundwater level measurements were obtained within a 2-hour period. The water-level meter was decontaminated between use at each monitoring well.

Groundwater monitoring events were conducted in accordance with the EPA guidance document *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* dated April 1996. The well purging and sampling was performed using a bladder pump with a dedicated bladder and polyethylene tubing at flow rates ranging from 100 to 300 milliliters per minute. The tubing intake was placed at approximately mid-screen in each monitoring well. During purging, the water quality parameters temperature, pH, specific conductance, oxidation-reduction potential, and dissolved oxygen were monitored using a YSI water quality system equipped with a flow-through cell. The wells were purged until the pH, temperature, and specific conductance values stabilized. Following purging, groundwater samples were collected directly from the pump discharge tubing into laboratory-prepared containers, placed on ice in a cooler, and transported to OnSite Environmental under standard chain-of-custody protocols for laboratory analysis of HVOCs by EPA Method 8260B.

Purge water generated during the groundwater sampling event was placed in an appropriately labeled 55-gallon steel drum and stored on the Site pending waste profiling and proper disposal.

3.2 RESULTS

Results of the March 24 and September 13, 2011, and February 21, 2012 groundwater monitoring events are summarized in the following sections.

3.2.1 March 2011

Groundwater levels measured on March 24, 2011 ranged from 69.45 feet below the top of the monitoring well casing (TOC) in monitoring well MW-9 to 73.26 feet below TOC in monitoring well MW-13, with calculated groundwater surface elevations, measured relative to an arbitrary datum of 200 feet, ranging from 128.52 feet in monitoring well MW-11 to 132.43 feet in monitoring well MW-9 (Table 3).

The March 2011 groundwater monitoring event included collection and laboratory analysis of groundwater samples from monitoring wells MW-2, MW-5, MW-7, and MW-9 through MW-13. PCE was detected at concentrations of 280, 130, and 5 micrograms per liter (µg/l) in groundwater samples collected from monitoring wells MW-2, MW-5, and MW-7, respectively, exceeding the MTCA Method A groundwater cleanup level of 5 µg/l (Table 4; Figure 3). The concentration of PCE detected in the groundwater sample collected from monitoring well MW-11 was reported below the MTCA Method A groundwater cleanup level. PCE was not detected at concentrations above the laboratory PQL in the groundwater samples collected from monitoring wells MW-9, MW-10, MW-12, or MW-13 (Table 4; Figure 3).

3.2.2 September 2011

Groundwater levels measured on September 13, 2011 ranged from 78.44 feet below TOC in monitoring well MW-9 to 82.44 feet below TOC in monitoring well MW-7, with calculated groundwater surface elevations, measured relative to an arbitrary datum of 200 feet, ranging from 119.03 feet in monitoring well MW-10 to 120.28 feet in monitoring well MW-2 (Table 3). Groundwater levels were not measured in monitoring wells MW-5 and MW-11 because of obstructions that blocked access to the wells.

The September 2011 groundwater monitoring event included collection and laboratory analysis of groundwater samples from monitoring wells MW-2, MW-7, MW-9, MW-10, MW-12, and MW-13. Monitoring wells MW-5 and MW-11 were not sampled because of obstructions that blocked access to the wells. PCE was detected at concentrations of 370 and 5.5 µg/l in groundwater samples collected from monitoring wells MW-2 and MW-7, respectively, exceeding the MTCA Method A groundwater cleanup level of 5 µg/l (Table 4; Figure 3). PCE was not detected at concentrations above the laboratory PQL in the groundwater samples collected from monitoring wells MW-9, MW-10, MW-12, or MW-13 (Table 4; Figure 3).

Monitoring wells MW-5 and MW-11 were sampled on November 11, 2011 following removal of the obstructions that blocked access to the wells during the September 2011 groundwater monitoring event. PCE was detected at concentrations of 270 and 53 µg/l in the groundwater samples collected from monitoring wells MW-5 and MW-11, respectively, exceeding the MTCA Method A groundwater cleanup level of 5 µg/l (Table 4; Figure 3).

3.2.3 February 2012

Groundwater levels measured on February 21, 2012 ranged from 76.82 feet below the TOC in monitoring well MW-9 to 81.44 feet below TOC in monitoring well MW-7, with calculated

groundwater surface elevations, measured relative to an arbitrary datum of 200 feet, ranging from 119.33 feet in monitoring well MW-12 to 121.31 feet in monitoring well MW-2 (Table 3).

The February 2012 groundwater monitoring event included collection and laboratory analysis of groundwater samples from monitoring wells MW-2, MW-5, MW-7, and MW-9 through MW-13. PCE was detected at concentrations of 140 and 130 µg/l in groundwater samples collected from monitoring wells MW-2 and MW-5, respectively, exceeding the MTCA Method A groundwater cleanup level of 5 µg/l (Table 4; Figure 3). The concentrations of PCE detected in the groundwater samples collected from monitoring wells MW-7 and MW-11 were below the MTCA Method A groundwater cleanup level. PCE was not detected at concentrations above the laboratory PQL in the groundwater samples collected from monitoring wells MW-9, MW-10, MW-12, or MW-13 (Table 4; Figure 3).

4.0 SOIL VAPOR EXTRACTION SYSTEM OPERATIONS AND MAINTENANCE

Farallon has performed routine operation and maintenance (O&M) of the SVE system since system startup in April 2007. Routine O&M consists of measuring and recording the following:

- The system vacuum;
- Air flow rates for individual wells;
- Concentrations of PCE in emissions from individual SVE wells; and
- Concentrations of PCE in emissions from the SVE system both pre- and post-treatment.

The SVE system operated until October 2008 before it was shut down for changeout of carbon in the treatment canister. The SVE system did not operate between October 2008 and September 2009, but was restarted in September 2009 and operated nearly continuously until September 2010. The SVE system was shut down on September 10, 2010 after a measureable concentration of PCE was detected in an air sample from the effluent of the primary carbon treatment canister. This finding indicated the carbon in the canister had reached its adsorption capacity and required replacement. The carbon was replaced on August 15, 2011, and the SVE system was restarted on August 18, 2011 and operated through the date of this report.

A summary of the SVE system O&M is provided in the following subsections for the period from August 18, 2011 through May 22, 2012. A summary of SVE system performance and SVE emission measurements is presented in Table 5.

4.1 AUGUST 2011 TO MAY 2012

Following the SVE system restart in August 2011, quarterly O&M visits to collect SVE system operational data were conducted on November 10, 2011 and February 21 and May 22, 2012. The SVE system performance information for that time period is summarized as follows (Table 5):

- Operating time (run time) totaled approximately 148 days, based on 3,547 hours of operation;
- Total vacuum ranged from 17.9 to 28.2 inches of water;
- The flow rate for individual operating SVE well averaged 20.9 cubic feet per minute;
- Concentrations of PCE from individual SVE wells measured by colorimetric tubes ranged from 0 to 61.2 milligrams per cubic meter (mg/m^3); and
- Calculated pounds of PCE removed totaled 21.13 pounds.

Based on flow rates to individual SVE wells and measured concentrations of PCE in individual SVE wells, the SVE system settings were adjusted periodically to optimize flow and more efficiently withdraw PCE in soil gas from the subsurface.

Frequent automatic shutdowns of the SVE system due to high levels of condensate water were experienced from October 2011 through March 2012. The excessive accumulation of condensate water may be attributed to above-average precipitation during the wet season and consequent increases in soil moisture within the vadose zone.

4.2 RESULTS

The SVE system continues to produce positive removal rates of PCE from the vadose zone soil. The cleanup action activities conducted to date have achieved the following results:

- Removal of a calculated 592.38 pounds of PCE from soil in the vadose zone;
- Mitigation of the potential risk to human health via the soil to indoor air pathway; and
- Reduction of the mass flux of PCE from soil and soil vapor to groundwater.

The SVE system performance will be monitored periodically to evaluate the continued effectiveness of operations. The system will be operated continuously until asymptotic trends are observed in the PCE mass removal from the subsurface.

5.0 CONCLUSIONS

Progress soil sampling was performed in August 2011 to evaluate the soil cleanup progress from operation of the SVE system at the Site. New borings EB-15, EB-16, EB-17, and IB-6 were advanced as close as practicable to selected prior borings EB-7, MW-6/SVE-12S, SB-1, and IB-3, respectively, which were drilled in 2001 and 2004. Soil samples from the new borings for laboratory analysis of PCE were collected from depth intervals to match those collected from the prior borings. This allowed a comparison of PCE concentrations in soil prior to installation of the SVE system and after approximately 2 years of SVE system operation. The comparison showed significant reductions in PCE concentrations for each sample interval compared, thereby verifying that the SVE system operations have been effective in reducing PCE mass in soil across the Site (Table 1; Figure 2).

PCE was detected at concentrations exceeding the MTCA Method A groundwater cleanup level in groundwater samples collected from monitoring wells MW-2, MW-5, MW-7, and MW-11 during one or more of the sampling events conducted between March 2011 and February 2012 (Figure 3). The groundwater analytical results are similar to results of previous groundwater monitoring events for each of the monitoring wells (Table 4). The extent of concentrations of PCE in groundwater exceeding the MTCA Method A cleanup level is bounded down-gradient to the northwest, west, and southwest of the two known source areas at the Site by monitoring wells MW-9, MW-10, MW-12, and MW-13 (Figure 2).

The SVE system was restarted on August 18, 2011 following an 11-month shutdown period. Carbon was replaced in one of the SVE system treatment canisters prior to the restart. The SVE system ran for approximately 148 days between August 2011 and May 2012 and removed approximately 21 pounds of PCE from the vadose zone soils. An estimated total of approximately 592 pounds of PCE have been removed from the Site by the SVE system during approximately 16,750 hours (23 months) of operation.

6.0 LIMITATIONS

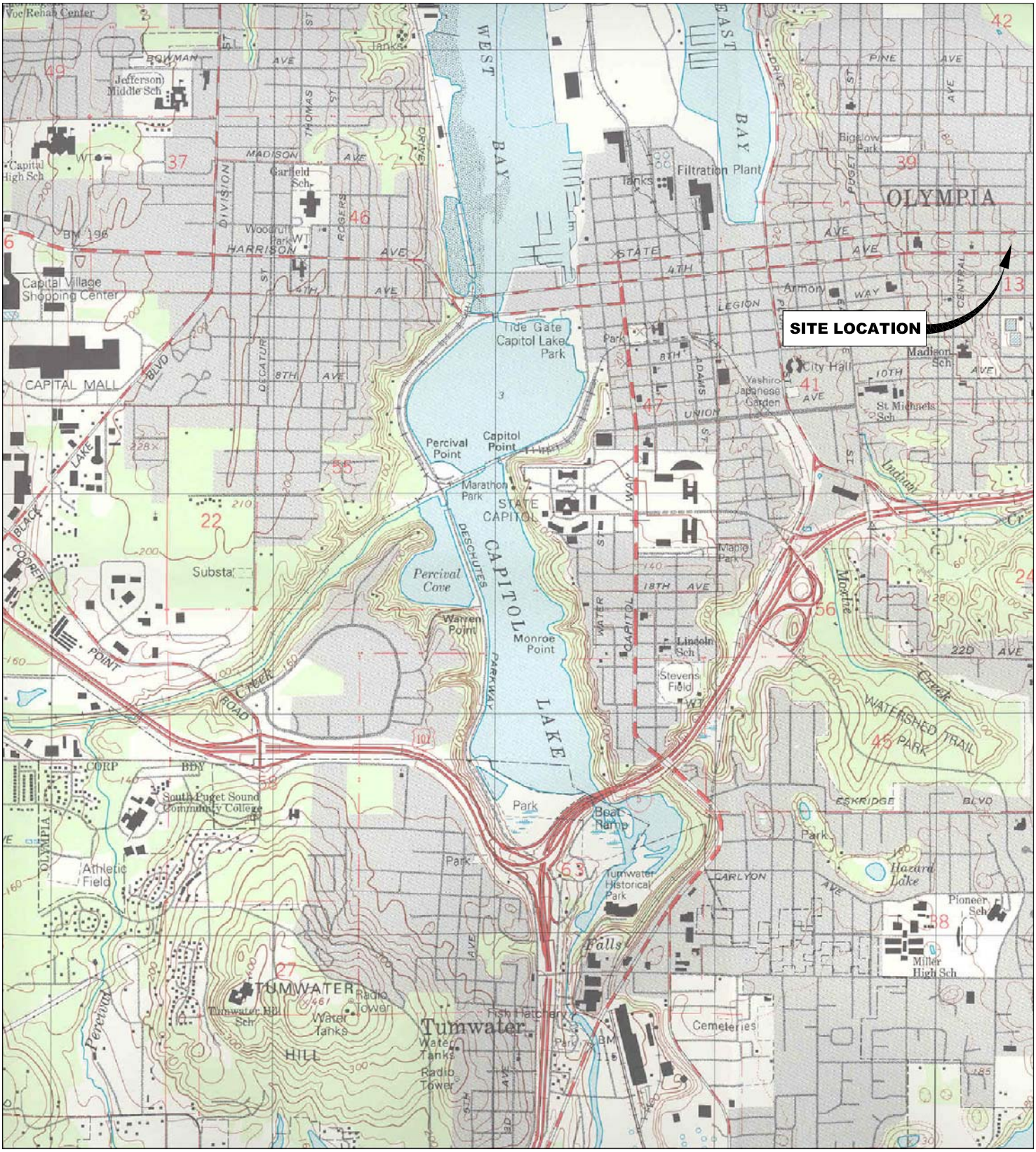
The conclusions contained in this report are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location, and are subject to the following inherent limitations.

Accuracy of Information. Certain information used by Farallon in this report has been obtained, reviewed, and evaluated from various sources believed to be reliable. Although Farallon's conclusions, opinions, and recommendations are based in part on such information, Farallon's services did not include verification of its accuracy or authenticity. Should such information prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

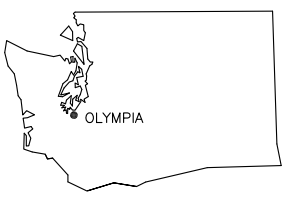
FIGURES

CLEANUP ACTION PROGRESS REPORT
MARCH 2011 TO MAY 2012
Allison's Norge Village (aka Eastside Laundry)
120 Northeast Turner Street
Olympia, Washington

Farallon PN: 663-010



REFERENCE: 7.5 MINUTE USGS QUADRANGLE TUMWATER, WASHINGTON. DATED 1997





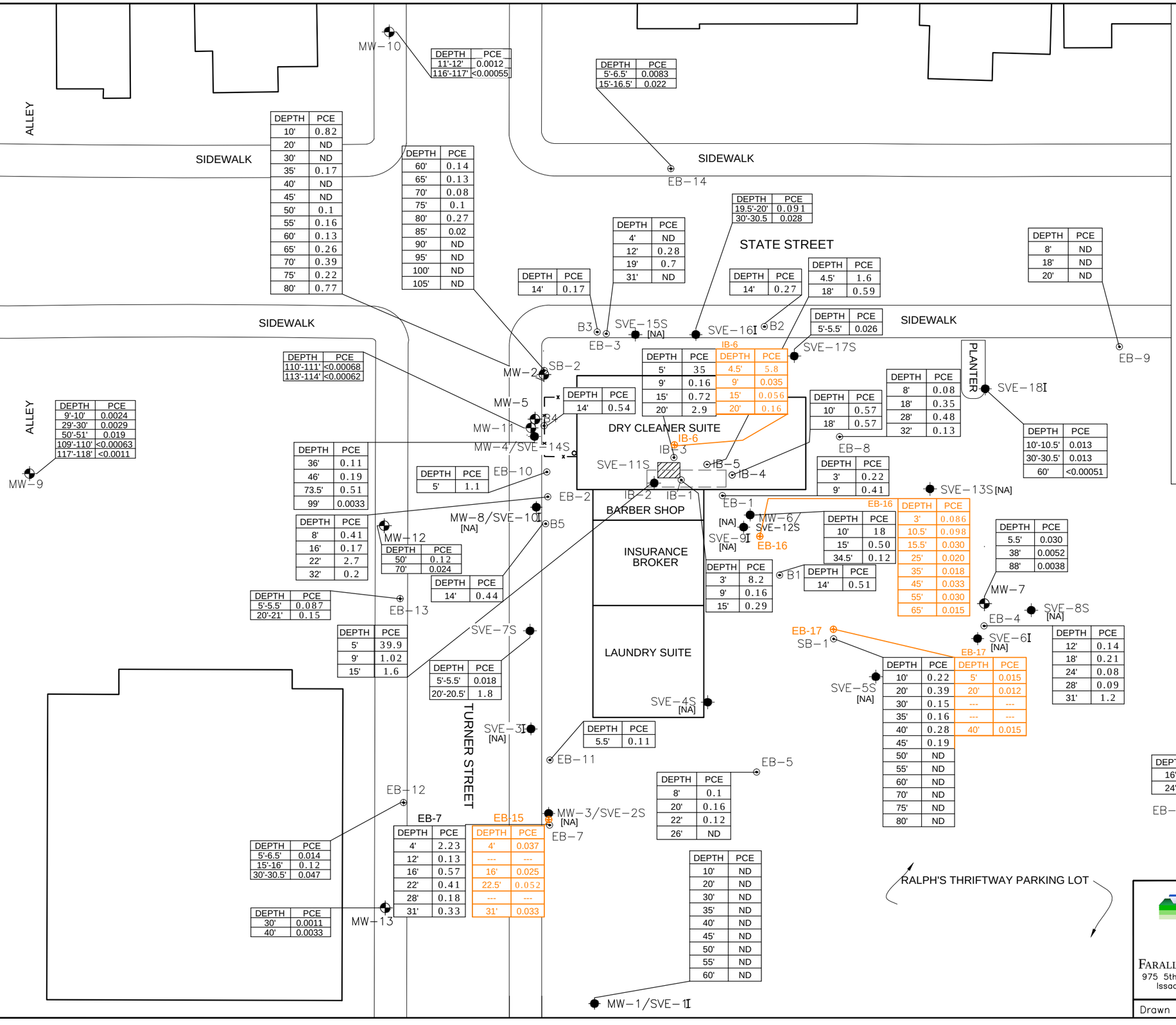
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Issaquah, WA 98027

FIGURE 1

SITE LOCATION MAP
ALLISON'S NORGE VILLAGE
120 NORTHEAST TURNER STREET
OLYMPIA, WASHINGTON

FARALLON PN: 663-010

Drawn By: DEW	Checked By: RC	Date: 11/1/10	Disk Reference: 663010a



LEGEND

- MW-7 — GROUNDWATER MONITORING WELL
- SVE-14 — SOIL VAPOR EXTRACTION WELL
  - S INDICATES SHALLOW ZONE
  - I INDICATES INTERMEDIATE ZONE
- SOIL BORING LOCATION
- DRY CLEANING MACHINE
- FORMER COIN-OPERATED DRY CLEANING AREA
- SVE — SOIL VAPOR EXTRACTION

ALL RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE

PCE = TETRACHLOROETHENE

BOLD = DENOTES CONCENTRATIONS EXCEEDING THE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A SOIL CLEANUP LEVEL (0.05 mg/kg)

ND = NOT DETECTED AT OR ABOVE THE LABORATORY PQL

[NA] = NOT ANALYZED

--- = NOT SAMPLED

NOTE:

1. ALL LOCATIONS ARE APPROXIMATE
2. SOURCE MAP: G-LOGICS, INC.

FIGURE 2

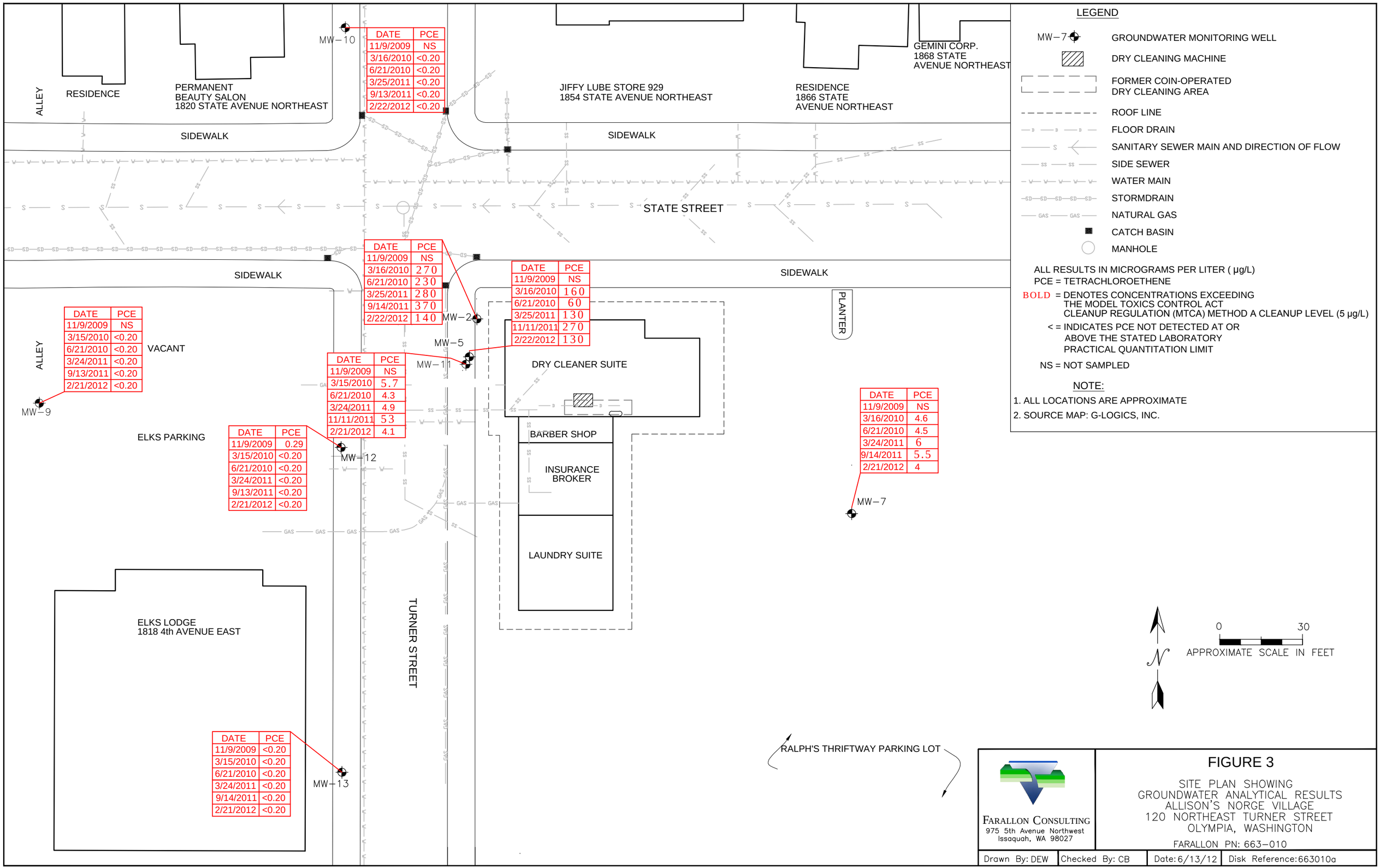
SITE PLAN SHOWING
SOIL ANALYTICAL RESULTS
ALLISON'S NORGE VILLAGE
120 NORTHEAST TURNER STREET
OLYMPIA, WASHINGTON

FARALLON PN: 663-010

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Issaquah, WA 98027

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FIGURE 3

SITE PLAN SHOWING
GROUNDWATER ANALYTICAL RESULTS
ALLISON'S NORGE VILLAGE
120 NORTHEAST TURNER STREET
OLYMPIA, WASHINGTON

FARALLON PN: 663-010

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TABLES

CLEANUP ACTION PROGRESS REPORT
MARCH 2011 TO MAY 2012
Allison's Norge Village (aka Eastside Laundry)
120 Northeast Turner Street
Olympia, Washington

Farallon PN: 663-010

Table 1
Summary of Soil Analytical Results
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Location Identification	Sample Identification	Sample Date	Sampled By	Depth (feet)[1]	Analytical Results (milligrams per kilogram)				
					PCE[2]	TCE[2]	cis-1,2-Dichloroethene[2]	trans-1,2-Dichloroethene[2]	Vinyl Chloride[2]
EB-15	EB-15-4.0	8/8/2011	Farallon	4	0.037	<0.0017	<0.0017	<0.0017	<0.0017
	EB-15-16.0	8/8/2011	Farallon	16	0.025	<0.0012	<0.0012	<0.0012	<0.0012
	EB-15-22.5	8/8/2011	Farallon	22.5	**0.052**	<0.0012	<0.0012	<0.0012	<0.0012
	EB-15-31.0	8/8/2011	Farallon	31	0.033	<0.0011	<0.0011	<0.0011	<0.0011
EB-16	EB-16-3.0	8/9/2011	Farallon	3	**0.086**	<0.0014	<0.0014	<0.0014	<0.0014
	EB-16-10.5	8/9/2011	Farallon	10.5	**0.098**	<0.0010	<0.0010	<0.0010	<0.0010
	EB-16-15.5	8/9/2011	Farallon	15.5	0.030	<0.0013	<0.0013	<0.0013	<0.0013
	EB-16-25.0	8/9/2011	Farallon	25	0.028	<0.00096	<0.00096	<0.00096	<0.00096
	EB-16-35.0	8/9/2011	Farallon	35	0.018	<0.00094	<0.00094	<0.00094	<0.00094
	EB-16-45.0	8/9/2011	Farallon	45	0.033	<0.00095	<0.00095	<0.00095	<0.00095
	EB-16-55.0	8/9/2011	Farallon	55	0.030	<0.0011	<0.0011	<0.0011	<0.0011
	EB-16-65.0	8/9/2011	Farallon	65	0.015	<0.0010	<0.0010	<0.0010	<0.0010
EB-17	EB-17-5.0	8/8/2011	Farallon	5	0.015	<0.0016	<0.0016	<0.0016	<0.0016
	EB-17-20.0	8/8/2011	Farallon	20	0.012	<0.0013	<0.0013	<0.0013	<0.0013
	EB-17-40.0	8/8/2011	Farallon	40	0.015	<0.00098	<0.00098	<0.00098	<0.00098
IB-6	IB-6-4.5	8/10/2011	Farallon	4.5	**5.8**	0.011	0.0017	<0.0013	<0.0013
	IB-6-9.0	8/10/2011	Farallon	9	0.035	<0.0015	<0.0015	<0.0015	<0.0015
	IB-6-15.0	8/10/2011	Farallon	15	**0.056**	<0.0016	<0.0016	<0.0016	<0.0016
	IB-6-20.0	8/10/2011	Farallon	20	**0.16**	<0.0011	<0.0011	<0.0011	<0.0011
MTCA Cleanup Levels for Soil					**0.05[3]**	**0.03[3]**	**160[4]**	**1,600[4]**	**240[4] / 87.5[5]**

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8260B.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as

[4]Washington State Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Version 3.1 Standard Method B Non-Carcinogenic Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only).

[5]Cleanup Levels and Risk Calculations, Standard Method C Carcinogenic Formula Values for Soil (Industrial Land Use) - Direct Contact (Adult Only Exposure). https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Farallon = Farallon Consulting, L.L.C.

PCE = tetrachloroethene

TCE = trichloroethene

Table 2
Well Construction Summary
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date Installed	Casing Elevation (feet)[1]	Total Well Depth (feet)[2]	Casing Diameter (inches)	Depth of Screened Interval (feet)[2]
Deep Zone Monitoring Wells					
MW-2	8/22/2001	199.6	95.16	2.0	80-105
MW-5	12/10/2005	199.77	97.69	2.0	85-100
MW-7	12/14/2005	201.88	97.51	2.0	85-100
MW-9	8/24/2006	197.73	116.5	2.0	111.5-116.5
MW-10	8/25/2006	199.18	114	2.0	109-114
MW-11	8/22/2006	199.55	116	2.0	110-115
MW-12	10/15/2009	199.66	109	2.0	104-109
MW-13	10/13/2009	199.83	103	2.0	98-103
Shallow Zone SVE Wells					
SVE-2S (MW-3)	12/8/2004	—	19.79	4	4-20
SVE-4S	9/14/2006	—	20.00	4	3-20
SVE-5S	9/14/2006	—	20.00	4	3-20
SVE-7S	9/15/2006	—	20.00	4	3-20
SVE-8S	9/14/2006	—	20.00	4	3-20
SVE-11S		—	20.00	4	3-20
SVE-12S (MW-6)	12/8/2004	—	24.30	4	7.5-12.5
SVE-13S	9/20/2006	—	20.00	4	3-20
SVE-14S (MW-4)	12/8/2004	—	12.81	4	8-24
SVE-15S	9/18/2006	—	20.00	4	3-20
SVE-17S	9/18/2006	—	20.00	4	3-20
Intermediate Zone SVE Wells					
SVE-1I (MW-1)	8/2/2004	200.46	60.44	2	50-60
SVE-3I	9/15/2006	—	60.00	4	25-60
SVE-6I	9/19/2006	—	60.00	4	25-60
SVE-9I	9/15/2006	—	60.00	4	25-60
SVE-10I (MW-8)	6/22/2005	—	60.55	4	35-60
SVE-16I	9/18/2006	—	60.00	4	25-60
SVE-18I	9/19/2006	—	60.00	4	25-60

NOTES:

— denotes casing elevation not surveyed

SVE = soil vapor extraction

[1]Elevation of top of casing using relative datum of 200 feet. Surveyed elevations by Professional Land Surveyors, Inc.

[2]Depth below top of well casing.

[3]Elevation in feet relative to survey datum.

Table 3
Groundwater Elevation Data Summary
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date Measured	Casing Elevation (feet)[1]	Total Well Depth (feet)[2]	Depth to Groundwater (feet)[2]	Potentiometric Surface (feet)[3]
MW-1	8/1/2001	200.46	60.43	53.4	147.06
	8/24/2001			59.1	141.36
	12/23/2004			59.36	141.10
	1/26/2005			59.34	141.12
	6/23/2005			59.06	141.40
	9/16/2006			NE	NC
	7/10/2007			58.73[4]	NC
	3/24/2011			59.02	141.44
	9/13/2011			NM	NC
	2/21/2012			59.22	141.24
MW-2	8/24/2001	199.60	96.85	84.50	115.10
	12/23/2004			86.35	113.25
	1/26/2005			85.40	114.20
	6/23/2005			76.95	122.65
	9/16/2006			81.80	117.80
	7/10/2007			76.38	123.22
	10/10/2007			83.14	116.46
	1/10/2008			82.42	117.18
	4/28/2008			72.99	126.61
	11/9/2009			83.75	115.85
	3/15/2010			74.97	124.63
	6/21/2010			75.33	124.27
	3/24/2011			69.56	130.04
	9/13/2011			79.32	120.28
	2/21/2012			78.29	121.31
MW-3	12/23/2004	—	19.79	NE	NC
	1/26/2005			NE	NC
	6/23/2005			NE	NC
	9/16/2006			NE	NC
	7/10/2007			NE	NC
	3/16/2010			NE	NC
	6/21/2010			NE	NC
	3/24/2011			NE	NC
	9/13/2011			NE	NC
MW-4	12/23/2004	—	24.30	NE	NC
	1/26/2005			NE	NC
	6/23/2005			NE	NC
	9/16/2006			NE	NC
	7/10/2007			NE	NC
	3/16/2010			NE	NC
	6/21/2010			NE	NC
	3/24/2011			NE	NC
	9/13/2011			NE	NC

Table 3
Groundwater Elevation Data Summary
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date Measured	Casing Elevation (feet)[1]	Total Well Depth (feet)[2]	Depth to Groundwater (feet)[2]	Potentiometric Surface (feet)[3]
MW-5	12/23/2004	199.77	100.25	86.10	113.67
	1/26/2005			85.21	114.56
	6/23/2005			77.47	122.30
	9/16/2006			82.03	117.74
	7/10/2007			77.09	122.68
	10/10/2007			83.3	116.47
	1/10/2008			82.61	117.16
	4/28/2008			73.38	126.39
	11/9/2009			83.95	115.82
	3/15/2010			75.45	124.32
	6/21/2010			75.85	123.92
	3/24/2011			69.89	129.88
	9/13/2011			NM[5]	NC
	11/10/2011			83.34	116.43
	2/21/2012			78.52	121.25
MW-6	12/23/2004	—	12.94	NE	NC
	1/26/2005			NE	NC
	6/23/2005			NE	NC
	9/16/2006			12.76	NC
	7/10/2007			12.73	NC
	3/16/2010			12.93	NC
	6/21/2010			12.65	NC
	3/24/2011			12.75	NC
	9/13/2011			NM	NC
MW-7	12/23/2004	201.88	98.60	88.73	113.15
	1/26/2005			87.91	113.97
	6/23/2005			80.22	121.66
	9/16/2006			84.68	117.20
	7/10/2007			79.76	122.12
	10/10/2007			85.85	116.03
	1/10/2008			85.40	116.48
	4/28/2008			76.19	125.69
	11/9/2009			86.59	115.29
	3/15/2010			78.38	123.50
	6/21/2010			78.61	123.27
	3/24/2011			72.87	129.01
	9/13/2011			82.44	119.44
	2/21/2012			81.44	120.44
MW-8	6/23/2005	—	60.55	NE	NC
	9/16/2006			59.86	NC
	7/10/2007			59.92	NC
	3/16/2010			59.86	NC
	6/21/2010			58.82	NC
	3/24/2011			59.81	NC
	9/13/2011			NM	NC

Table 3
Groundwater Elevation Data Summary
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date Measured	Casing Elevation (feet)[1]	Total Well Depth (feet)[2]	Depth to Groundwater (feet)[2]	Potentiometric Surface (feet)[3]
MW-9	9/16/2006	197.73	115.91	86.40	111.33
	7/10/2007			75.90	121.83
	10/10/2007			81.45	116.28
	1/10/2008			80.16	117.57
	4/28/2008			72.47	125.26
	11/9/2009			81.95	115.78
	3/15/2010			74.29	123.44
	6/21/2010			74.73	123.00
	3/24/2011			69.45	132.43
	9/13/2011			78.44	119.29
	2/21/2012			76.82	120.91
MW-10	9/16/2006	199.18	114.00	82.50	116.68
	7/10/2007			77.63	121.55
	10/10/2007			83.6	115.58
	1/10/2008			83.10	116.08
	4/28/2008			74.02	125.16
	11/9/2009			84.39	114.79
	3/15/2010			76.23	122.95
	6/21/2010			76.44	122.74
	3/24/2011			70.55	131.33
	9/13/2011			80.15	119.03
	2/21/2012			79.07	120.11
MW-11	9/16/2006	199.55	115.04	82.62	116.93
	7/10/2007			77.78	121.77
	10/10/2007			83.86	115.69
	1/10/2008			83.20	116.35
	4/28/2008			74.25	125.30
	11/9/2009			NM	NC
	3/15/2010			76.48	123.07
	6/21/2010			76.69	122.86
	3/24/2011			71.03	128.52
	9/13/2011			NM[5]	NC
	11/10/2011			83.70	115.85
	2/21/2012			79.47	120.08
MW-12	11/9/2009	199.66	108.44	85.19	114.47
	3/15/2010			77.51	122.15
	6/21/2010			77.89	121.77
	3/24/2011			72.94	128.94
	9/13/2011			81.30	118.36
	2/21/2012			80.33	119.33
MW-13	11/9/2009	199.83	102.77	84.92	114.91
	3/15/2010			77.10	122.73
	6/21/2010			77.68	122.15
	3/24/2011			73.26	128.62
	9/13/2011			80.51	119.32
	2/21/2012			80.01	119.82

NOTES:

— denotes casing elevation not surveyed

NC = not calculated

NE = not encountered

NM = not measured

[1]Elevation of top of casing using relative datum of 200 feet. Surveyed Elevations by Professional Land Surveyors, Inc.

[2]Depth below top of well casing.

[3]Elevation in feet relative to survey datum.

[4]Water measured in monitoring wells is assumed to be condensate that has accumulated in well caps and is not

[5]Wells MW-5, and MW-11 were not monitored or sampled on September 13, 2011 due to obstructions over the wells.

Table 4
Summary of Groundwater Analytical Results
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Monitoring Well	Sample Date	Sampled By	Screened Zone (feet)[1]	Analytical Results (micrograms per liter)[2]				
				PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
MW-1	8/7/2001	G-Logics	50'-60'	**480**	ND	ND	ND	ND
	8/24/2001	G-Logics		**84**	ND	ND	ND	ND
	12/14/2004	Farallon		**170**	< 1.0	< 1.0	< 1.0	< 1.0
MW-2	8/24/2001	G-Logics	80'-105'	**11**	ND	ND	ND	ND
	8/24/2001[3]	G-Logics		**12**	ND	ND	ND	ND
	12/23/2004	Farallon		**27**	< 0.20	< 0.20	< 0.20	< 0.20
	9/17/2006	Farallon		**400**	<2.0	<2.0	<2.0	<2.0
	7/10/2007	Farallon		**920**	<4.0	<4.0	<4.0	<4.0
	10/10/2007	Farallon		**530**	<4.0	<4.0	<4.0	<4.0
	1/10/2008	Farallon		**270**	<2.0	<2.0	<2.0	<2.0
	4/29/2008	Farallon		**480**	<4.0	<4.0	<4.0	<4.0
	3/16/2010	Farallon		**270**	<2.0	<2.0	<2.0	<2.0
	6/21/2010	Farallon		**230**	<2.0	<2.0	<2.0	<2.0
	3/25/2011	Farallon		**280**	<2.0	<2.0	<2.0	<2.0
	9/14/2011	Farallon		**370**	<2.0	<2.0	<2.0	<2.0
	2/22/2012	Farallon		**140**	<1.0	<1.0	<1.0	<1.0
MW-5	12/14/2004	Farallon	85'-100'	**56**	< 0.40	< 0.40	< 0.40	< 0.40
	9/17/2006	Farallon		**74**	<0.40	<0.40	<0.40	<0.40
	7/10/2007	Farallon		**53**	<0.40	<0.40	<0.40	<0.40
	10/10/2007	Farallon		**170**	<1.0	<1.0	<1.0	<1.0
	1/10/2008	Farallon		**290**	<2.0	<2.0	<2.0	<2.0
	4/29/2008	Farallon		**170**	<1.0	<1.0	<1.0	<1.0
	3/16/2010	Farallon		**160**	<1.0	<1.0	<1.0	<1.0
	6/21/2010	Farallon		**60**	<0.20	<0.20	<0.20	<0.20
	3/25/2011	Farallon		**130**	<0.20	<0.20	<0.20	<0.20
	11/11/2011	Farallon		**270**	<2.0	<2.0	<2.0	<2.0
	2/22/2012	Farallon		**130**	<1.0	<1.0	<1.0	<1.0
MW-7	12/14/2004	Farallon	85'-100'	**7.0**	< 0.20	< 0.20	< 0.20	< 0.20
	9/17/2006	Farallon		**7.3**	<0.20	<0.20	<0.20	<0.20
	7/10/2007	Farallon		**35**	<0.20	<0.20	<0.20	<0.20
	10/10/2007	Farallon		**17**	<0.20	<0.20	<0.20	<0.20
	1/10/2008	Farallon		**11**	<0.20	<0.20	<0.20	<0.20
	4/29/2008	Farallon		**11**	<0.20	<0.20	<0.20	<0.20
	3/16/2010	Farallon		4.6	<0.20	<0.20	<0.20	<0.20
	6/21/2010	Farallon		4.5	<0.20	<0.20	<0.20	<0.20
	3/24/2011	Farallon		**6**	<0.20	<0.20	<0.20	<0.20
	9/14/2011	Farallon		**5.5**	<0.20	<0.20	<0.20	<0.20
	2/21/2012	Farallon		4	<.20	<.20	<.20	<.20
MTCA Cleanup Levels for Groundwater				**5**[4]	**5**[4]	**80**[5]	**160**[5]	**0.2**[4]

Table 4
Summary of Groundwater Analytical Results
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Monitoring Well	Sample Date	Sampled By	Screened Zone (feet)[1]	Analytical Results (micrograms per liter)[2]				
				PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
MW-9	9/16/2006	Farallon	111.5-116.5	<0.20	<0.20	<0.20	<0.20	<0.20
	7/10/2007	Farallon		0.29	<0.20	<0.20	<0.20	<0.20
	10/10/2007	Farallon		<0.24	<0.20	<0.20	<0.20	<0.20
	1/10/2008	Farallon		0.6	<0.20	<0.20	<0.20	<0.20
	4/29/2008	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/15/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	6/21/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/24/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	9/13/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	2/21/2012	Farallon		<0.20	<0.20	<0.20	<0.20	<.20
MW-10	9/16/2006	Farallon	109-114	<0.20	<0.20	<0.20	<0.20	<0.20
	7/10/2007	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	10/10/2007	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	1/10/2008	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	4/29/2008	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/16/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	6/21/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/25/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	9/13/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	2/22/2012	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
MW-11	9/16/2006	Farallon	110-115	0.42	<0.20	<0.20	<0.20	<0.20
	7/10/2007	Farallon		**9**	<0.20	<0.20	<0.20	<0.20
	10/10/2007	Farallon		**21**	<0.20	<0.20	<0.20	<0.20
	1/11/2008	Farallon		**14**	<0.20	<0.20	<0.20	<0.20
	4/29/2008	Farallon		**15**	<0.20	<0.20	<0.20	<0.20
	3/15/2010	Farallon		**5.7**	<0.20	<0.20	<0.20	<0.20
	6/21/2010	Farallon		4.3	<0.20	<0.20	<0.20	<0.20
	3/24/2011	Farallon		4.9	<0.20	<0.20	<0.20	<0.20
	11/11/2011	Farallon		**53**	<4.0	<4.0	<4.0	<4.0
	2/21/2012	Farallon		4.1	<0.20	<0.20	<0.20	<0.20
MW-12	11/9/2009	Farallon	104-109	0.29	<0.20	<0.20	<0.20	<0.20
	3/15/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/15/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/24/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	9/13/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	2/21/2012	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
MW-13	11/9/2009	Farallon	98-103	<0.20	<0.20	<0.20	<0.20	<0.20
	3/15/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	6/21/2010	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	3/24/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	9/14/2011	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
	2/21/2012	Farallon		<0.20	<0.20	<0.20	<0.20	<0.20
MTCA Cleanup Levels for Groundwater				**5**[4]	**5**[4]	**80**[5]	**160**[5]	**0.2**[4]

NOTES:

Results in **bold** denote concentrations above applicable cleanup levels.

< denotes analyte not detected at or above the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8260B.

[3]Duplicate sample.

[4]Washington State Department of Ecology Model Toxics Control Act Cleanup Regulation (MTCA) Method A Groundwater Cleanup Level, Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[5]MTCA Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

Farallon = Farallon Consulting, L.L.C.

ND = not detected

PCE = tetrachloroethene

TCE = trichloroethene

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	4/4/2007 (avg)	25	0.00	0.00	0.00	3.10	21.36	--	--	--
SVE-2S	4/4/2007 (avg)	25	12.00	0.32	33.50	31.25	215.31	--	--	--
SVE-3I	4/4/2007 (avg)	25	15.13	0.56	30.19	71.00	489.19	--	--	--
SVE-4S	4/4/2007 (avg)	25	14.00	0.51	29.01	111.50	768.24	--	--	--
SVE-5S	4/4/2007 (avg)	25	7.25	0.48	29.61	41.50	285.94	--	--	--
SVE-6I	4/4/2007 (avg)	25	7.75	0.01	26.69	15.50	106.80	--	--	--
SVE-7S	4/4/2007 (avg)	25	16.00	0.59	31.33	225.00	1550.25	--	--	--
SVE-8S	4/4/2007 (avg)	25	6.00	0.43	27.14	7.50	51.68	--	--	--
SVE-9I	4/4/2007 (avg)	25	10.75	0.41	23.69	107.50	740.68	--	--	--
SVE-10I	4/4/2007 (avg)	25	18.50	0.44	25.12	120.50	830.25	--	--	--
SVE-11S	4/4/2007 (avg)	25	19.38	0.00	16.00	400.00	2756.00	--	--	--
SVE-11H	4/4/2007 (avg)	25	0.00	0.00	17.00	159.00	1095.51	--	--	--
SVE-12S	4/4/2007 (avg)	25	13.00	0.33	23.69	237.50	1636.38	--	--	--
SVE-13S	4/4/2007 (avg)	25	9.25	0.48	30.19	37.50	258.38	--	--	--
SVE-14S	4/4/2007 (avg)	25	13.25	1.59	45.10	160.00	1102.40	--	--	--
SVE-15S	4/4/2007 (avg)	25	11.25	1.08	44.30	89.00	613.21	--	--	--
SVE-16I	4/4/2007 (avg)	25	10.50	0.66	32.97	36.00	248.04	--	--	--
SVE-17S	4/4/2007 (avg)	25	11.38	0.67	34.02	40.50	279.05	--	--	--
SVE-18I	4/4/2007 (avg)	25	10.88	0.00	0.00	5.75	39.62	--	--	--
SVE-1I	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-2S	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-3I	4/11/2007	25	--	0.43	38.32	4.5	31.0	282.43	6.28	6.28
SVE-4S	4/11/2007	25	--	0.49	41.45	3	20.7	463.31	10.30	10.30
SVE-5S	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-6I	4/11/2007	25	--	0.18	25.12	8	55.1	57.63	1.28	1.28
SVE-7S	4/11/2007	25	--	0.44	39.28	17	117.1	927.95	20.62	20.62
SVE-8S	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-9I	4/11/2007	25	--	0.3	32.43	7	48.2	362.48	8.06	8.06
SVE-10I	4/11/2007	25	--	0.27	30.77	3.5	24.1	372.47	8.28	8.28
SVE-11S	4/11/2007	25	0	--	--	--	--	--	0	0
SVE-11H	4/11/2007	25	0	--	--	--	--	--	0	0
SVE-12S	4/11/2007	25	--	0.28	31.33	6.5	44.8	746.26	16.58	16.58
SVE-13S	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-14S	4/11/2007	25	--	1.05	60.70	18	124.0	1054.74	23.44	23.44
SVE-15S	4/11/2007	25	--	1.2	59.20	3.5	24.1	534.57	11.88	11.88
SVE-16I	4/11/2007	25	--	0.59	45.50	4	27.6	177.67	3.95	3.95
SVE-17S	4/11/2007	25	--	--	--	--	--	--	0	0
SVE-18I	4/11/2007	25	--	0.14	22.16	--	--	24.88	0.55	0.55
								TOTAL REMOVED THROUGH 4/11/2007 - FIRST WEEK OF OPERATION		**111.21**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Lab Data: Total SVE System Pre-Carbon, PCE = 40 µg/l, Mid Carbon 1 and 2, PCE = <1.0 µg/l

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-2S	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-3I	4/23/2007	32	--	1	59.20	5.7	39.3	58.95	2.25	8.52
SVE-4S	4/23/2007	32	--	--	--	--	--	--	0	10.30
SVE-5S	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-6I	4/23/2007	32	--	--	--	--	--	--	0	1.28
SVE-7S	4/23/2007	32	--	0.82	53.60	9	62.0	136.04	5.18	25.80
SVE-8S	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-9I	4/23/2007	32	--	0.64	47.40	9	62.0	74.03	2.82	10.88
SVE-10I	4/23/2007	32	--	0.06	14.50	7.2	49.6	15.15	0.58	8.85
SVE-11S	4/23/2007	32	--	--	9.37	3	20.7	5.49	0	0
SVE-11H	4/23/2007	32	--	1.5	72.50	7.8	53.7	110.41	4.21	4.21
SVE-12S	4/23/2007	32	--	0.22	27.77	4.5	31.0	24.40	0.54	17.13
SVE-13S	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-14S	4/23/2007	32	--	2.2	87.80	9	62.0	231.42	8.82	32.26
SVE-15S	4/23/2007	32	--	0	0.00	2.8	19.3	0.00	0.00	11.88
SVE-16I	4/23/2007	32	--	1.2	64.90	2.7	18.6	42.45	1.62	5.57
SVE-17S	4/23/2007	32	--	--	--	--	--	--	0	0
SVE-18I	4/23/2007	32	--	--	--	--	--	--	0	0.55
TOTAL REMOVED THROUGH 4/23/2007 - FIRST TWO WEEKS OF OPERATION										**137.43**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Mid Carbon 1 and 2, PCE = 0.0 ppmv

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	5/11/2007	26	--	--	0.65	1.6	11.0	--	0	0
SVE-2S	5/11/2007	26	--	0.72	50.20	3.6	24.8	--	0	0
SVE-3I	5/11/2007	26	--	0.67	48.50	0.5	3.4	29.35	1.68	10.20
SVE-4S	5/11/2007	26	--	0.50	41.87	3.9	26.9	--	0	10.30
SVE-5S	5/11/2007	26	--	0.52	42.70	3.6	24.8	--	0	0
SVE-6I	5/11/2007	26	--	0.24	29.01	0.5	3.4	--	0	1.28
SVE-7S	5/11/2007	26	--	0.56	44.30	4.9	33.8	60.11	3.43	29.24
SVE-8S	5/11/2007	26	--	0.49	41.45	1.5	10.3	--	0	0
SVE-9I	5/11/2007	26	--	0.08	16.75	3.6	24.8	20.60	1.18	12.05
SVE-10I	5/11/2007	26	--	0.36	35.53	6.0	41.3	45.78	2.62	11.47
SVE-11S	5/11/2007	26	--	--	8.61	10.0	68.9	10.93	0.62	0.83
SVE-11H	5/11/2007	26	--	0.95	57.70	2.0	13.8	55.20	3.15	7.36
SVE-12S	5/11/2007	26	--	0.42	38.38	4.5	31.0	33.72	1.93	19.05
SVE-13S	5/11/2007	26	--	0.61	46.20	1.0	6.9	--	0	0
SVE-14S	5/11/2007	26	--	1.30	67.50	1.4	9.6	68.53	3.92	36.17
SVE-15S	5/11/2007	26	--	1.30	67.50	1.5	10.3	28.33	1.62	13.50
SVE-16I	5/11/2007	26	--	0.86	54.90	0.6	4.1	17.69	1.01	6.58
SVE-17S	5/11/2007	26	--	0.77	52.00	0.6	4.1	--	0	0
SVE-18I	5/11/2007	26	--	0.26	30.19	0.0	0.0	--	0	0.55
TOTAL REMOVED THROUGH 5/11/2007 - FIRST FIVE WEEKS OF OPERATION										**158.6**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 2.0 ppmv, Mid Carbon 1 and 2, PCE = 0.0 ppmv

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	6/11/2007	24	--	--	0.87	3.5	24.1	--	0	0
SVE-2S	6/11/2007	24	--	0.59	45.50	7.0	48.2	--	0	0
SVE-3I	6/11/2007	24	--	0.51	42.30	12.0	82.7	51.62	5.08	15.28
SVE-4S	6/11/2007	24	--	0.48	41.03	9.0	62.0	--	0	10.30
SVE-5S	6/11/2007	24	--	0.44	39.28	9.0	62.0	--	0	0
SVE-6I	6/11/2007	24	--	0.20	26.48	1.7	11.7	--	0	1.28
SVE-7S	6/11/2007	24	--	0.67	48.50	16.0	110.2	98.95	9.74	38.98
SVE-8S	6/11/2007	24	--	0.42	38.38	1.0	6.9	--	0	0
SVE-9I	6/11/2007	24	--	0.36	35.53	14.0	96.5	61.04	6.01	18.06
SVE-10I	6/11/2007	24	--	0.30	32.43	15.0	103.4	66.48	6.54	18.01
SVE-11S	6/11/2007	24	--	--	6.54	25.0	172.3	22.35	2.20	3.03
SVE-11H	6/11/2007	24	--	0.91	56.50	13.0	89.6	82.73	8.14	15.50
SVE-12S	6/11/2007	24	--	0.36	35.53	10.0	68.9	50.29	4.95	24.00
SVE-13S	6/11/2007	24	--	0.50	41.87	3.0	20.7	--	0	0
SVE-14S	6/11/2007	24	--	1.30	67.50	28.0	192.9	193.73	19.07	55.24
SVE-15S	6/11/2007	24	--	1.20	64.90	4.0	27.6	34.85	3.43	16.93
SVE-16I	6/11/2007	24	--	0.74	50.90	5.0	34.5	27.83	2.74	9.31
SVE-17S	6/11/2007	24	--	0.70	49.50	2.0	13.8	--	0	0
SVE-18I	6/11/2007	24	--	0.24	29.01	0.0	0.0	--	0	0.55
TOTAL REMOVED THROUGH 6/11/2007 - FIRST TWO MONTHS OF OPERATION										**226.48**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 17 ppmv, Mid Carbon 1 and 2, PCE = 8 ppmv

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	9/24/2007	25		--	--	14.0	96.5	--	--	--
SVE-2S	9/24/2007	25		0.50	41.87	15.0	103.4	--	--	--
SVE-3I	9/24/2007	25		0.76	51.60	28.0	192.9	--	--	--
SVE-4S	9/24/2007	25		0.42	38.38	17.0	117.1	--	--	--
SVE-5S	9/24/2007	25		0.45	39.72	15.0	103.4	--	--	--
SVE-6I	9/24/2007	25		0.18	25.12	5.0	34.5	--	--	--
SVE-7S	9/24/2007	25		0.57	44.70	39.0	268.7	--	--	--
SVE-8S	9/24/2007	25		0.36	35.57	4.2	28.9	--	--	--
SVE-9I	9/24/2007	25		0.36	35.57	18.0	124.0	--	--	--
SVE-10I	9/24/2007	25		0.49	41.45	32.0	220.5	--	--	--
SVE-11S	9/24/2007	25		--	--	400.0	2756.0	--	--	--
SVE-11H	9/24/2007	25		0.86	54.90	75.0	516.8	--	--	--
SVE-12S	9/24/2007	25		0.29	31.89	130.0	895.7	--	--	--
SVE-13S	9/24/2007	25		0.47	40.60	13.0	89.6	--	--	--
SVE-14S	9/24/2007	25		1.30	67.50	45.0	310.1	--	--	--
SVE-15S	9/24/2007	25		1.30	67.50	20.0	137.8	--	--	--
SVE-16I	9/24/2007	25		0.78	52.50	14.0	96.5	--	--	--
SVE-17S	9/24/2007	25		0.63	47.00	13.0	89.6	--	--	--
SVE-18I	9/24/2007	25		0.30	32.43	2.0	13.8	--	--	--
									TOTAL REMOVED THROUGH 9/24/2007	**226.48**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 70 ppmv, Mid Carbon 1 and 2, PCE = 0 ppmv

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	10/10/2007	25		-0.03	--	10.0	68.9	--	0	0
SVE-2S	10/10/2007	25		0.53	43.10	9.0	62.0	--	0	0
SVE-3I	10/10/2007	25		0.88	55.50	17.0	117.1	243.81	5.80	21.08
SVE-4S	10/10/2007	25		0.47	40.60	9.0	62.0	--	0	10
SVE-5S	10/10/2007	25		0.44	39.28	8.0	55.1	--	0	0
SVE-6I	10/10/2007	25		0.18	25.12	2.1	14.5	--	0	1.28
SVE-7S	10/10/2007	25		0.64	47.40	13.0	89.6	240.61	5.73	44.71
SVE-8S	10/10/2007	25		0.37	36.02	1.9	13.1	--	0	0
SVE-9I	10/10/2007	25		0.41	37.92	13.0	89.6	--	0	18.06
SVE-10I	10/10/2007	25		0.62	46.60	15.0	103.4	213.81	5.09	23.10
SVE-11S	10/10/2007	25		-0.02	--	175.0	1205.8	367.10	8.74	11.77
SVE-11H	10/10/2007	25		1.00	59.20	20.0	137.8	549.01	13.07	28.57
SVE-12S	10/10/2007	25		-0.01	--	20.0	137.8	466.96	11.12	35.12
SVE-13S	10/10/2007	25		0.51	0.51	8.1	55.8	--	0	0
SVE-14S	10/10/2007	25		1.40	1.40	22.0	151.6	9.16	0.22	55.45
SVE-15S	10/10/2007	25		1.20	1.20	7.0	48.2	3.16	0.08	17.00
SVE-16I	10/10/2007	25		0.89	0.89	7.0	48.2	1.82	0.04	9.36
SVE-17S	10/10/2007	25		0.64	0.64	4.0	27.6	--	0	0
SVE-18I	10/10/2007	25		0.30	0.30	0.8	5.5	--	0	0.55
								TOTAL REMOVED THROUGH 10/10/2007		**276.37**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 20 ppmv, Mid Carbon 1 and 2, PCE = 0 ppmv

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
									11/20/2007	**No Measurements**
SVE-1I	11/29/2007	29		0.15	--	3.6	24.8	--	0	0
SVE-2S	11/29/2007	29		0.80	53.60	2.4	16.5	59.65	0	0
SVE-3I	11/29/2007	29		--	59.20	>6.0	155.0	228.27	4.57	25.65
SVE-4S	11/29/2007	29		0.58	45.10	2.5	17.2	50.63	0	10.30
SVE-5S	11/29/2007	29		0.65	47.70	3.0	20.7	51.22	0	0
SVE-6I	11/29/2007	29		0.32	33.50	0.7	4.8	9.16	0	1.28
SVE-7S	11/29/2007	29		1.00	59.20	6.0	41.3	109.80	2.20	46.90
SVE-8S	11/29/2007	29		0.57	44.70	0.5	3.4	10.47	0	0
SVE-9I	11/29/2007	29		0.70	49.50	8.0	55.1	101.48	0	18.06
SVE-10I	11/29/2007	29		0.02	8.37	23.5	161.9	31.46	0.63	23.73
SVE-11S	11/29/2007	29		0.04	11.84	9.0	62.0	212.67	4.25	16.03
SVE-11H	11/29/2007	29		1.30	67.50	4.0	27.6	158.14	3.16	31.74
SVE-12S	11/29/2007	29		0.02	8.37	1.6	11.0	17.65	0.35	35.47
SVE-13S	11/29/2007	29		0.69	49.20	1.9	13.1	48.03	0	0
SVE-14S	11/29/2007	29		1.80	79.40	3.0	20.7	193.78	3.88	59.33
SVE-15S	11/29/2007	29		1.70	77.20	0.5	3.4	56.52	1.13	18.13
SVE-16I	11/29/2007	29		1.60	74.90	3.0	20.7	73.12	1.46	10.82
SVE-17S	11/29/2007	29		0.98	58.60	0.6	4.1	26.31	0	0
SVE-18I	11/29/2007	29		0.51	42.30	0.2	1.4	4.13	0	0.55
									TOTAL REMOVED THROUGH 11/29/2007	**298.00**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 3.5 ppmv, Mid Carbon 1 and 2, PCE = 0 ppmv. Runtime = 1689 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	2/25/2008	29		<0.01		1.4	9.6	0.0	0.0	0.00
SVE-2S	2/25/2008	29						0.0	0.0	0.00
SVE-3I	2/25/2008	29		0.85	54.60	3.0	20.7	135.9	16.5	42.18
SVE-4S	2/25/2008	29						0.0	0.0	10.30
SVE-5S	2/25/2008	29		0.60	45.90			13.4	1.6	1.63
SVE-6I	2/25/2008	29						0.0	0.0	1.28
SVE-7S	2/25/2008	29		0.70	49.50	2.2	15.2	39.6	4.8	51.72
SVE-8S	2/25/2008	29						0.0	0.0	0.00
SVE-9I	2/25/2008	29		<0.01		0	0.0	0.0	0.0	18.06
SVE-10I	2/25/2008	29		0.01	5.92	7.5	51.7	17.9	2.2	25.91
SVE-11S	2/25/2008	29		0.020	8.37	5.0	34.5	11.4	1.4	17.42
SVE-11H	2/25/2008	29		1.4	70.10	3.7	25.5	52.7	6.4	38.14
SVE-12S	2/25/2008	29		<0.01		0.0	0.0	0.0	0.0	35.47
SVE-13S	2/25/2008	29						0.0	0.0	0.00
SVE-14S	2/25/2008	29		1.35	68.80	1.2	8.3	28.2	3.4	62.76
SVE-15S	2/25/2008	29		1.4	70.10	0.0	0.0	0.0	0.0	18.13
SVE-16I	2/25/2008	29		0.90	56.20	1.5	10.3	24.7	3.0	13.82
SVE-17S	2/25/2008	29						0.0	0.0	0.00
SVE-18I	2/25/2008	29						0.0	0.0	0.55
								TOTAL REMOVED THROUGH 2/25/2008		**337.4**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 2.4 ppmv, Mid Carbon, PCE = 0 ppmv. Runtime = 2608 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	3/7/2008	30						0.0	0.0	0.00
SVE-2S	3/7/2008	30						0.0	0.0	0.00
SVE-3I	3/7/2008	30	21.5	1.10	62.10		0.0	18.2	0.6	42.81
SVE-4S	3/7/2008	30						0.0	0.0	10.30
SVE-5S	3/7/2008	30	20	0.50	41.87		0.0	6.1	0.2	1.85
SVE-6I	3/7/2008	30						0.0	0.0	1.28
SVE-7S	3/7/2008	30						0.0	0.0	51.72
SVE-8S	3/7/2008	30						0.0	0.0	0.00
SVE-9I	3/7/2008	30	19.5	0.55	43.90		0.0	0.0	0.0	18.06
SVE-10I	3/7/2008	30	21.5					0.0	0.0	25.91
SVE-11S	3/7/2008	30	20.5	<0.01	<5.92	9	62.0	0.0	0.0	17.42
SVE-11H	3/7/2008	30	20.5	1.40	70.10	2.5	17.2	42.4	1.5	39.63
SVE-12S	3/7/2008	30	19.5	0.50	41.87		0.0	0.0	0.0	35.47
SVE-13S	3/7/2008	30						0.0	0.0	0.00
SVE-14S	3/7/2008	30	20	2.00	83.70		0.0	9.8	0.3	63.10
SVE-15S	3/7/2008	30						0.0	0.0	18.13
SVE-16I	3/7/2008	30	20	1.05	60.70		0.0	8.9	0.3	14.13
SVE-17S	3/7/2008	30					0.0	0.0	0.0	0.00
SVE-18I	3/7/2008	30					0.0	0.0	0.0	0.55
								TOTAL REMOVED THROUGH 3/7/2008		**340.4**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 3 ppmv, Mid Carbon, PCE = 0 ppmv. Runtime = 2872

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	4/28/2008	30	21	0.05	13.24	9	62.0	23.3	2.4	2.39
SVE-2S	4/28/2008	30	21	0.90	56.2	2	13.8	21.9	2.3	2.25
SVE-3I	4/28/2008	30	21	1.05	60.7	6	41.3	35.6	3.6	46.46
SVE-4S	4/28/2008	30	21	0.79	52.6	1.5	10.3	15.4	1.6	11.88
SVE-5S	4/28/2008	30	19	0.72	50.2	1.1	7.6	5.4	0.6	2.40
SVE-6I	4/28/2008	30	19	0.32	33.50	0.6	4.1	3.9	0.4	1.68
SVE-7S	4/28/2008	30	21	1.05	60.7	2.8	19.3	33.2	3.4	55.12
SVE-8S	4/28/2008	30	19	0.58	45.1	<0.1	0.0	0.0	0.0	0.00
SVE-9I	4/28/2008	30	19	0.63	47.0	7.2	49.6	33.0	3.4	21.45
SVE-10I	4/28/2008	30	20.5	0.05	13.24	7	48.2	18.1	1.9	27.77
SVE-11S	4/28/2008	30	20.5	0.03	10.26	13	89.6	22.0	2.3	19.68
SVE-11H	4/28/2008	30	20	1.40	70.1	6	41.3	58.2	6.0	45.59
SVE-12S	4/28/2008	30	19	0.56	44.3	2.3	15.8	9.9	1.0	36.49
SVE-13S	4/28/2008	30	19	0.73	50.6	0.7	4.8	6.9	0.7	0.71
SVE-14S	4/28/2008	30	19.5	2.3	89.8	2	13.8	17.5	1.8	64.90
SVE-15S	4/28/2008	30	19.5	1.85	80.5	0.8	5.5	12.6	1.3	19.42
SVE-16I	4/28/2008	30	19.5	1.25	66.2	2.3	15.8	14.9	1.5	15.66
SVE-17S	4/28/2008	30	19	0.96	58.0	0.7	4.8	4.0	0.4	0.41
SVE-18I	4/28/2008	30	19	0.39	36.98	<1	0.0	0.0	0.0	0.55
									TOTAL REMOVED THROUGH 4/28/2008	**374.8**

NOTES:

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 3 ppmv, Mid Carbon, PCE = 0 ppmv. Runtime = 2872

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	6/16/2008	28	19	<0.01	<5.92					
SVE-2S	6/16/2008	28								
SVE-3I	6/16/2008	28	19	0.86	54.90					
SVE-4S	6/16/2008	28								
SVE-5S	6/16/2008	28	17	0.63	47.00					
SVE-6I	6/16/2008	28								
SVE-7S	6/16/2008	28	19	0.80	53.00					
SVE-8S	6/16/2008	28								
SVE-9I	6/16/2008	28	17	0.51	42.30					
SVE-10I	6/16/2008	28	19.0	0.01	5.92					
SVE-11S	6/16/2008	28	18.0	0.02	8.37					
SVE-11H	6/16/2008	28	18	1.15	63.50					
SVE-12S	6/16/2008	28	17	0.41	37.92					
SVE-13S	6/16/2008	28								
SVE-14S	6/16/2008	28	17.0	1.75	78.30					
SVE-15S	6/16/2008	28								
SVE-16I	6/16/2008	28	17.0	0.94	57.40					
SVE-17S	6/16/2008	28								
SVE-18I	6/16/2008	28								
					44.86				**TOTAL REMOVED THROUGH 6/16/2008**	**Not Calculated**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 6 ppmv, Mid Carbon, PCE = 0 ppmv. Runtime = 3739 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
									7/14/2008	**No Measurements**
SVE-1I	9/24/2008	27	17	<0.01	<6	0	0.0	0.0	0.0	2.39
SVE-2S	9/24/2008	27								2.25
SVE-3I	9/24/2008	27	18	0.80	53.00	6	41.3	62.1	12.9	59.37
SVE-4S	9/24/2008	27								11.88
SVE-5S	9/24/2008	27	17	0.60	46.00	4	27.6	22.9	4.8	7.17
SVE-6I	9/24/2008	27								1.68
SVE-7S	9/24/2008	27	18	0.75	51.30	5	34.5	39.1	8.1	63.25
SVE-8S	9/24/2008	27								0.00
SVE-9I	9/24/2008	27	17	0.48	41.00	7	48.2	56.8	11.8	33.27
SVE-10I	9/24/2008	27	17.0	0.01	5.90	5	34.5	6.9	1.4	29.20
SVE-11S	9/24/2008	27	17.0	0.02	8.40	7	48.2	16.4	3.4	23.09
SVE-11H	9/24/2008	27	17	1.11	62.00	12	82.7	108.9	22.7	68.26
SVE-12S	9/24/2008	27	16.5	0.38	36.50	7	48.2	33.1	6.9	43.39
SVE-13S	9/24/2008	27								0.71
SVE-14S	9/24/2008	27	16.5	1.71	77.40	5.5	37.9	56.7	11.8	76.69
SVE-15S	9/24/2008	27								19.42
SVE-16I	9/24/2008	27	16.5	0.91	56.50	6	41.3	45.8	9.5	25.18
SVE-17S	9/24/2008	27								0.41
SVE-18I	9/24/2008	27								0.55
					43.80				**TOTAL REMOVED THROUGH 9/24/2008**	**468.2**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 7 ppmv, Mid Carbon, PCE = 0 ppmv. Runtime = 5219 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	10/22/2008		20	0.01	5.9	--	--	0.0	0.0	2.39
SVE-2S	10/22/2008								0.0	2.25
SVE-3I	10/22/2008		19	0.60	45.90	--	--	53.8	4.8	64.15
SVE-4S	10/22/2008									11.88
SVE-5S	10/22/2008		18	0.30	32.43	--	--	25.3	2.2	9.41
SVE-6I	10/22/2008									1.68
SVE-7S	10/22/2008		19	0.80	53.00	--	--	51.7	4.6	67.84
SVE-8S	10/22/2008									0.00
SVE-9I	10/22/2008		18	0.40	37.45	--	--	51.2	4.5	37.82
SVE-10I	10/22/2008		19.6	0.10	18.70	--	--	18.3	1.6	30.83
SVE-11S	10/22/2008		18.8	0.10	18.70	--	--	25.6	2.3	25.36
SVE-11H	10/22/2008		18	1.00	59.20	--	--	138.7	12.3	80.57
SVE-12S	10/22/2008		18	0.14	22.20	--	--	30.3	2.7	46.08
SVE-13S	10/22/2008									0.71
SVE-14S	10/22/2008		18.2	1.70	77.20	--	--	82.9	7.4	84.05
SVE-15S	10/22/2008									19.42
SVE-16I	10/22/2008		18.1	0.80	53.00	--	--	62.1	5.5	30.69
SVE-17S	10/22/2008									0.41
SVE-18I	10/22/2008									0.55
					41.78				**TOTAL REMOVED THROUGH 10/22/2008**	**516.1**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon, PCE = 0.7 ppmv, Mid Carbon, PCE = 0.3 ppmv. Runtime = 5890 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
System shut down 10/28/2008 through 9/9/2009 pending carbon changeout and client approval of budget/scope of work for ongoing operations										
SVE-1I	9/14/2009		16.7	0.0	0			0.0	0.0	2.39
SVE-2S	9/14/2009									2.25
SVE-3I	9/14/2009		16.5	0.5	41.87			28.6	0.5	64.60
SVE-4S	9/14/2009									11.88
SVE-5S	9/14/2009		15.2	0.5	41.87			12.3	0.2	9.61
SVE-6I	9/14/2009		15.2	0.2	26.5			2.6	0.0	1.72
SVE-7S	9/14/2009		16.7	0.7	49.50			29.0	0.5	68.30
SVE-8S	9/14/2009									0.00
SVE-9I	9/14/2009		15.2	0.3	32.43			31.7	0.5	38.32
SVE-10I	9/14/2009	25.3	16.8	0.3	32.43			25.3	0.4	31.23
SVE-11S	9/14/2009		16.7	0.1	18.70			16.4	0.3	25.62
SVE-11H	9/14/2009		16.3	0.8	53.00			46.6	0.7	81.31
SVE-12S	9/14/2009		16.5	0.0	0.00			0.0	0.0	46.08
SVE-13S	9/14/2009									0.71
SVE-14S	9/14/2009		15.6	1.4	70.10			0.0	0.0	84.05
SVE-15S	9/14/2009									19.42
SVE-16I	9/14/2009		15.2	0.6	45.90			13.4	0.2	30.91
SVE-17S	9/14/2009									0.41
SVE-18I	9/14/2009									0.55
					38.58			**TOTAL REMOVED THROUGH 9/14/2009**		**519.35**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 2.3 ppmv, Mid Carbon PCE = 0.0 ppmv; Days of Operation Since Last Visit = 6

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	10/5/2009		17.0	0.016	7.5	0	0.0	0.0	0.0	2.39
SVE-2S	10/5/2009									2.25
SVE-3I	10/5/2009		16.0	0.77	52.00	4	24.1	35.5	2.0	66.63
SVE-4S	10/5/2009									11.88
SVE-5S	10/5/2009		15.0	0.49	41.00	1.5	10.3	12.0	0.7	10.30
SVE-6I	10/5/2009		15.0	0.18	21	0.5	3.4	2.1	0.1	1.84
SVE-7S	10/5/2009		17.0	0.74	51.00	3.0	20.7	29.9	1.7	70.01
SVE-8S	10/5/2009									0.00
SVE-9I	10/5/2009		15.0	0.36	35.50	5	34.5	34.7	2.0	40.30
SVE-10I	10/5/2009	27	17.0	0.45	40.00	4	27.6	31.2	1.8	33.01
SVE-11S	10/5/2009		16.0	0.98	59.00	4.5	31.0	51.8	3.0	28.58
SVE-11H	10/5/2009		15.0	0.03	3.20	4.5	31.0	2.8	0.2	81.47
SVE-12S	10/5/2009		15.0	0.02	2.60	0	0.0	0.0	0.0	46.08
SVE-13S	10/5/2009									0.71
SVE-14S	10/5/2009		15.0	1.5	72.00	0	0.0	0.0	0.0	84.05
SVE-15S	10/5/2009									19.42
SVE-16I	10/5/2009		15.0	0.7	50.00	1.5	10.3	14.6	0.8	31.74
SVE-17S	10/5/2009									0.41
SVE-18I	10/5/2009									0.55
					40.63				**TOTAL REMOVED THROUGH 10/5/2009**	**531.62**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 4.0 ppmv, Mid Carbon PCE = 0.0 ppmv; Days of Operation Since Last Visit = 18.Run Time = 6444 hours

11/9/2009 Run Time 7222 hours

11/17/2009 Run Time 7408 hours

1/5/2010 Run Time 7818 hours

1/20/2010 Run Time 8121 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	2/2/2010		24.1	0.000	0.00	--		0.0	0.0	2.39
SVE-2S	2/2/2010									2.25
SVE-3I	2/2/2010		23.7	1.10	62.10	--		42.4	11.2	77.82
SVE-4S	2/2/2010									11.88
SVE-5S	2/2/2010		22.8	0.00	0.00	0.5	3.4	0.0	0.0	10.30
SVE-6I	2/2/2010		22.8	0.10	18.70	0.25	1.7	1.4	0.4	2.20
SVE-7S	2/2/2010		24.0	0.60	45.90	0.38	2.6	15.1	4.0	74.00
SVE-8S	2/2/2010									0.00
SVE-9I	2/2/2010		22.3	0.50	41.89	0.67	4.6	23.2	6.1	46.42
SVE-10I	2/2/2010	31	24.2	0.10	18.70	--		14.6	3.9	36.86
SVE-11S	2/2/2010		22.9	0.00	0.00	0.14	1.0	0.0	0.0	28.58
SVE-11H	2/2/2010		22.3	1.40	70.10	0	0.0	30.8	8.1	89.59
SVE-12S	2/2/2010		22.6	0.00	0.00	0.2	1.4	0.0	0.0	46.08
SVE-13S	2/2/2010									0.71
SVE-14S	2/2/2010		22.7	1.7	77.20	0.17	1.2	1.3	0.3	84.39
SVE-15S	2/2/2010									19.42
SVE-16I	2/2/2010		22.7	1.1	62.10	0.13	0.9	9.9	2.6	34.35
SVE-17S	2/2/2010									0.41
SVE-18I	2/2/2010									0.55
					33.06			**TOTAL REMOVED THROUGH 2/2/2010**		**568.20**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 0.1 ppmv, Mid Carbon PCE = 0.0 ppmv; Days of Operation Since Last Site Visit = 83; Run Time = 8438 hours

2/23/2010 Run Time 8838 hours
3/15/2010 Run Time 9311 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	4/2/2010		24.5	0.17	24.40	0.06	0.41	0.29	0.05	2.43
SVE-2S	4/2/2010		-	-	-	-	-		0.0	2.25
SVE-3I	4/2/2010		24.3	0.90	56.20	0.05	0.34	0.55	0.09	77.92
SVE-4S	4/2/2010		-	-	-	-	-		0.0	11.88
	4/2/2010		23.3	0.13	21.40	0.06	0.41	1.17	0.20	10.49
SVE-6I	4/2/2010		23.4	0.13	21.40	0.06	0.41	0.65	0.11	2.31
SVE-7S	4/2/2010		24.5	0.50	41.87	0.04	0.28	1.72	0.29	74.29
SVE-8S	4/2/2010		-	-	-	-	-		0.0	0.00
SVE-9I	4/2/2010		23.0	0.40	37.45	0.04	0.28	2.60	0.44	46.85
SVE-10I	4/2/2010	31.5	24.0	0.10	18.70	0.05	0.34	0.18	0.03	36.90
SVE-11S	4/2/2010		23.5	0.14	22.20	0.06	0.41	0.43	0.07	28.65
SVE-11H	4/2/2010		23.1	1.50	72.50	0.04	0.28	0.28	0.05	89.64
SVE-12S	4/2/2010		23.3	0.13	21.40	0.04	0.28	0.50	0.08	46.17
SVE-13S	4/2/2010		-	-	-	-	-		0.0	0.71
SVE-14S	4/2/2010		23.3	1.8	79.40	0.04	0.28	1.63	0.27	84.66
SVE-15S	4/2/2010		-	-	-	-	-		0.0	19.42
SVE-16I	4/2/2010		23.3	1.1	62.10	0.05	0.34	1.09	0.18	34.53
SVE-17S	4/2/2010		-	-	-	-	-		0.0	0.41
SVE-18I	4/2/2010		-	-		-	-		0.0	0.55
					39.92				**TOTAL REMOVED THROUGH 4/2/2010**	**570.07**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 0.5 ppmv, Mid Carbon PCE = 0.0 ppmv; Days of Operation Since Last Site Visit = 53; Run Time = 9714 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	6/14/2010		24.7	0.04	11.80	0.02	0.14	0.09	0.02	2.46
SVE-2S	6/14/2010		-	-	-	-	-		0.0	2.25
SVE-3I	6/14/2010		24.5	0.98	58.60	0.19	1.31	1.37	0.32	78.24
SVE-4S	6/14/2010		-	-	-	-	-		0.0	11.88
SVE-5S	6/14/2010		24.0	0.04	11.80	0.2	1.38	0.30	0.07	10.56
SVE-6I	6/14/2010		24.2	0.33	34.02	0.07	0.48	0.43	0.10	2.41
SVE-7S	6/14/2010		24.8	0.76	51.60	0.07	0.48	0.55	0.13	74.42
SVE-8S	6/14/2010		-	-	-	-	-		0.0	0.00
SVE-9I	6/14/2010		24.4	0.65	47.70	0.02	0.14	0.28	0.06	46.92
SVE-10I	6/14/2010	34.9	25.0	0.75	51.30	0.06	0.41	0.55	0.13	37.02
SVE-11S	6/14/2010		24.3	0.07	15.67	0.1	0.69	0.24	0.06	28.71
SVE-11H	6/14/2010		23.8	1.65	76.10	0.03	0.21	0.52	0.12	89.76
SVE-12S	6/14/2010		24.0	0.06	14.50	0.03	0.21	0.10	0.02	46.19
SVE-13S	6/14/2010		-	-	-	-	-		0.0	0.71
SVE-14S	6/14/2010		-	-	-	-	-		0.00	84.66
SVE-15S	6/14/2010		-	-	-	-	-		0.0	19.42
SVE-16I	6/14/2010		24.8	1.3	66.50	0.05	0.34	0.65	0.15	34.68
SVE-17S	6/14/2010		-	-	-	-	-		0.0	0.41
SVE-18I	6/14/2010		-	-		-	-		0.0	0.55
					39.96			**TOTAL REMOVED THROUGH 6/14/2010**		**571.25**

NOTES:

mg/min = milligrams per minute

mg/m3 = milligrams per cubic meter

Mid Carbon = sampling location located between the first and second carbon treatment canisters

PCE = tetrachloroethene

ppmv = parts per million volume

Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 0.78 ppmv, Mid Carbon PCE = 0.0; Days of Operation Since Last Site Visit = 73; Run Time = 11,464 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	9/10/2010		33.5	0.03	10.00	0.00	0.00	0.02	0.00	2.46
SVE-2S	9/10/2010		-	-	-	-	-	-	0.0	2.25
SVE-3I	9/10/2010		32.9	2.03	84.40	0.40	2.76	4.86	1.12	79.35
SVE-4S	9/10/2010		-	-	-	-	-	-	0.0	11.88
SVE-5S	9/10/2010		32.8	0.50	60.00	0.1	0.69	1.76	0.40	10.97
SVE-6I	9/10/2010		15.6	0.12	20.00	0.1	0.69	0.33	0.08	2.49
SVE-7S	9/10/2010		9.3	0.11	19.60	0.7	4.82	1.47	0.34	74.76
SVE-8S	9/10/2010		-	-		-	-	-	0.0	0.00
SVE-9I	9/10/2010		7.2	0.03	10.00	1.3	8.96	1.29	0.30	47.21
SVE-10I	9/10/2010	40.3	11.7	0.12	20.00	0.2	1.38	0.51	0.12	37.14
SVE-11S	9/10/2010		34.0	0.14	60.00	0.2	1.38	1.76	0.40	29.12
SVE-11H	9/10/2010		1.3	0.03	10.00	1.0	6.89	1.01	0.23	89.99
SVE-12S	9/10/2010		32.8	0.03	10.00	0.1	0.69	0.13	0.03	46.22
SVE-13S	9/10/2010		-	-		-	-	-	0.0	0.71
SVE-14S	9/10/2010		32.2	2.00	83.70	0.1	0.69	1.63	0.38	85.04
SVE-15S	9/10/2010		-	-	-	-	-	-	0.0	19.42
SVE-16I	9/10/2010		6.6	0.06	15.00	0.03	0.21	0.18	0.04	34.73
SVE-17S	9/10/2010		-	-	-	-	-	-	0.0	0.41
SVE-18I	9/10/2010		-	-	-	-	-	-	0.0	0.55
								TOTAL REMOVED THROUGH 9/10/2010		**574.69**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters
PCE concentration from summa canister sampling.

Field Measurement: Total SVE System Pre-Carbon PCE = 1.0 ppmv, Mid Carbon PCE = 1.5 ppmv, Post Carbon = 0.0 ppmv;
Days of Operation Since Last Site Visit = 91; Run Time = 13,205 hours; System shut down due to carbon breakthrough.

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	8/18/2011		10.1	0.000	0.00	NS	3.4	0.00	0.00	2.46
SVE-2S	8/18/2011		10.2	0.252	9.40	NS	11	0.00	0.00	2.25
SVE-3I	8/18/2011		10.2	0.172	7.70	NS	27	0.00	0.00	79.35
SVE-4S	8/18/2011		10.1	0.208	8.60	NS	12	0.00	0.00	11.88
SVE-5S	8/18/2011		9.1	0.000	0.00	NS	1.7	0.00	0.00	10.97
SVE-6I	8/18/2011		9.4	0.081	16.85	NS	5.8	0.00	0.00	2.49
SVE-7S	8/18/2011		10.2	0.283	31.33	NS	13	0.00	0.00	74.76
SVE-8S	8/18/2011		9.5	0.203	26.50	NS	2.5	0.00	0.00	0.00
SVE-9I	8/18/2011		8.9	0.18	25.10	NS	26	0.00	0.00	47.21
SVE-10I	8/18/2011	17.9	10.3	0.202	26.50	NS	26	0.00	0.00	37.14
SVE-11S	8/18/2011		10.2	0.008	5.30	NS	110	0.00	0.00	29.12
SVE-11H	8/18/2011		10	0.508	42.29	NS	28	0.00	0.00	89.99
SVE-12S	8/18/2011		8.8	0.000	0.00	NS	0.24	0.00	0.00	46.22
SVE-13S	8/18/2011		9.6	0.245	29.30	NS	10	0.00	0.00	0.71
SVE-14S	8/18/2011		9.1	0.487	41.45	NS	3.6	0.00	0.00	85.04
SVE-15S	8/18/2011		9.0	0.46	40.60	NS	4.6	0.00	0.00	19.42
SVE-16I	8/18/2011		8.9	0.247	29.30	NS	15	0.00	0.00	34.73
SVE-17S	8/18/2011		8.8	0.223	28.10	NS	8.8	0.00	0.00	0.41
SVE-18I	8/18/2011		9.0	0.112	19.60	NS	1.6	0.00	0.00	0.55
									TOTAL REMOVED THROUGH 8/18/2011	**574.69**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters
PCE concentration from summa canister sampling

Field Measurement: Total SVE System Pre-Carbon PCE = 3.0 ppmv, Mid Carbon PCE = 0.0 ppmv, Post Carbon = 0.0 ppmv;
Days of Operation Since Last Site Visit = 0; Run Time = 13,286 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	11/10/2011	31.3	11.0	0.160	7.50	0.00	1.9	0.56	0.06	2.52
SVE-2S	11/10/2011		11.0	0.21	8.60	0.00	6.4	2.12	0.22	2.47
SVE-3I	11/10/2011		11.0	0.18	7.90	0.00	15.6	4.77	0.49	79.85
SVE-4S	11/10/2011		11.0	0.17	7.70	0.00	6.6	2.03	0.21	12.09
SVE-5S	11/10/2011		8.8	0.160	7.50	0.00	1.9	0.38	0.04	11.01
SVE-6I	11/10/2011		8.8	0.08	5.30	0.00	3.7	0.71	0.07	2.56
SVE-7S	11/10/2011		11.5	0.23	9.00	0.00	7.5	2.61	0.27	75.03
SVE-8S	11/10/2011		8.8	0.01	5.90	0.00	1.7	0.35	0.04	0.04
SVE-9I	11/10/2011		9.2	0.02	8.40	0.00	18.3	5.28	0.55	47.76
SVE-10I	11/10/2011		11.5	0.22	8.80	0.00	14.6	5.07	0.52	37.66
SVE-11S	11/10/2011		10.5	0.13	6.80	0.00	61.2	16.49	1.70	30.82
SVE-11H	11/10/2011		10.0	0.25	9.40	0.00	16.4	5.91	0.61	90.60
SVE-12S	11/10/2011		8.8	0.160	7.50	0.00	0.1	0.04	0.00	46.22
SVE-13S	11/10/2011		9.0	0.05	13.25	0.00	5.8	2.97	0.31	1.02
SVE-14S	11/10/2011		9.5	0.2	8.40	0.00	2.3	0.70	0.07	85.11
SVE-15S	11/10/2011		9.2	0.56	14.01	0.00	2.8	1.48	0.15	19.57
SVE-16I	11/10/2011		9.2	0.15	7.30	0.00	8.7	2.45	0.25	34.98
SVE-17S	11/10/2011		9.0	0.07	5.00	0.00	5.0	0.98	0.10	0.51
SVE-18I	11/10/2011		9.0	0.12	6.50	0.00	1.7	0.30	0.03	0.58
								TOTAL REMOVED THROUGH 11/10/2011		**580.40**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters
Run time hours interpolated from prior and post O&M event
PCE concentration interpolated from prior and post O&M event

Field Measurement: Total SVE System Pre-Carbon PCE = 3.0 ppmv, Mid Carbon PCE = 0.0 ppmv, Post Carbon = 0.0 ppmv;
Days of Operation Since Last Site Visit = 84; Run Time = 14,067 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	2/21/2012		21.5	0.110	19.60	0.00	0.00	0.52	0.07	2.58
SVE-2S	2/21/2012		21.7	0.11	19.60	0.10	0.69	1.96	0.25	2.72
SVE-3I	2/21/2012		21.4	0.85	54.60	0.25	1.72	13.44	1.70	81.55
SVE-4S	2/21/2012		21.8	0.1	18.70	0.00	0.00	1.75	0.22	12.31
SVE-5S	2/21/2012		19.23	0.140	22.20	0.30	2.07	1.24	0.16	11.16
SVE-6I	2/21/2012		19.42	0.07	15.67	0.15	1.03	1.04	0.13	2.69
SVE-7S	2/21/2012		21.6	0.32	33.50	0.10	0.69	3.87	0.49	75.52
SVE-8S	2/21/2012		19.42	0.09	17.76	0.10	0.69	0.60	0.08	0.11
SVE-9I	2/21/2012		19.11	0.1	18.70	1.30	8.96	7.23	0.92	48.68
SVE-10I	2/21/2012	28.2	22	0.04	11.80	0.10	0.69	2.56	0.32	37.99
SVE-11S	2/21/2012		20.5	0.1	18.70	0.20	1.38	16.58	2.10	32.92
SVE-11H	2/21/2012		20.1	1.37	69.30	0.30	2.07	18.08	2.29	92.89
SVE-12S	2/21/2012		19.42	0.120	20.50	0.00	0.00	0.04	0.00	46.23
SVE-13S	2/21/2012		18.9	0.64	47.40	0.10	0.69	4.37	0.55	1.57
SVE-14S	2/21/2012		10.63	0.51	42.29	0.10	0.69	1.79	0.23	85.34
SVE-15S	2/21/2012		18.7	1.41	70.30	0.10	0.69	3.52	0.45	20.02
SVE-16I	2/21/2012		19.17	0.85	45.60	0.15	1.03	6.31	0.80	35.78
SVE-17S	2/21/2012		19.26	0.07	15.67	0.05	0.34	1.19	0.15	0.66
SVE-18I	2/21/2012		13.4	0.64	47.40	0.25	1.72	2.27	0.29	0.87
									TOTAL REMOVED THROUGH 2/21/2012	**591.59**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 0.0 ppmv, Mid Carbon PCE = 0.0 ppmv, Post Carbon = 0.0 ppmv;
Days of Operation Since Last Site Visit = 103; Run Time = 15,025 hours

Table 5
Summary of Soil Vapor Extraction System Operation
Allison's Norge Village
Olympia, Washington
Farallon PN: 663-010

Well Identification	Date	System Vacuum (IOW)	Vacuum at Well (IOW)	Flow Rate Pitot Tube Reading	Flow Rate (CFM)	PCE - Tube Concentration (ppmv)	PCE - Tube Concentration (mg/m^3)	Amount PCE Removed (mg/min)	Amount PCE Removed Between Testing (lbs)	Total Amount PCE Removed to Date (lbs)
SVE-1I	5/22/2012		16.1	0.010	5.90	0.00	0.00	0.00	0.00	2.58
SVE-2S	5/22/2012		16.2	0.448	39.72	0.00	0.00	0.39	0.05	2.77
SVE-3I	5/22/2012		16.3	0.004	3.70	0.00	0.00	0.09	0.01	81.56
SVE-4S	5/22/2012		16.1	0	0.00	0.00	0.00	0.00	0.00	12.31
SVE-5S	5/22/2012		14.8	0.004	3.70	0.00	0.00	0.11	0.01	11.18
SVE-6I	5/22/2012		14.9	0.003	3.20	0.00	0.00	0.05	0.01	2.70
SVE-7S	5/22/2012		16.3	0.345	34.78	0.05	0.34	0.51	0.06	75.59
SVE-8S	5/22/2012		14.8	0.004	3.70	0.00	0.00	0.04	0.00	0.12
SVE-9I	5/22/2012		14.8	0.003	3.20	0.00	0.00	0.41	0.05	48.73
SVE-10I	5/22/2012	25.4	16.3	0.356	35.28	0.00	0.00	0.34	0.04	38.03
SVE-11S	5/22/2012		15.7	0.013	6.80	0.00	0.00	0.13	0.02	32.94
SVE-11H	5/22/2012		15.4	0.896	55.90	0.00	0.00	1.64	0.21	93.10
SVE-12S	5/22/2012		14.9	0.003	3.20	0.00	0.00	0.00	0.00	46.23
SVE-13S	5/22/2012		14.7	0.494	41.45	0.00	0.00	0.40	0.05	1.62
SVE-14S	5/22/2012		9.2	0.306	32.90	0.00	0.00	0.32	0.04	85.38
SVE-15S	5/22/2012		14.4	0.838	54.00	0.00	0.00	0.53	0.07	20.09
SVE-16I	5/22/2012		14.9	0.589	45.50	0.00	0.00	0.67	0.08	35.86
SVE-17S	5/22/2012		14.8	0.545	43.70	0.00	0.00	0.21	0.03	0.69
SVE-18I	5/22/2012		10.9	0.086	17.37	0.00	0.00	0.42	0.05	0.92
								TOTAL REMOVED THROUGH 2/22/2012		**592.38**

NOTES:
mg/min = milligrams per minute
mg/m3 = milligrams per cubic meter
Mid Carbon = sampling location located between the first and second carbon treatment canisters
PCE = tetrachloroethene
ppmv = parts per million volume
Pre-Carbon = sampling location located upstream of both of the carbon treatment canisters

Field Measurement: Total SVE System Pre-Carbon PCE = 0.0 ppmv, Mid Carbon PCE = 0.0 ppmv, Post Carbon = 0.0 ppmv;
Days of Operation Since Last Site Visit = 72; Run Time = 16,752 hours

APPENDIX A
BORING LOGS

CLEANUP ACTION PROGRESS REPORT
MARCH 2011 TO MAY 2012
Allison's Norge Village (aka Eastside Laundry)
120 Northeast Turner Street
Olympia, Washington

Farallon PN: 663-010

FARALLON consulting
975 5th Avenue Northwest
Issaquah, Washington 98027

Log of Boring: EB-15

Client: Wilbur Allison
Project: Allison's Norge Village
Location: Olympia, Washington
Farallon PN: 663-010
Logged By: Ken Scott

Date/Time Started:	8/8/11 @ 9:30	**Sampler Type:**	18-inch Dames and Moore
Date/Time Completed:	8/8/11 @ 11:55	**Drive Hammer (lbs.):**	300
Equipment:	CME 75	**Depth of Water ATD (ft bgs):**	NE
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	31.5'
Drilling Foreman:	Jeremiah Jenkins	**Total Well Depth (ft bgs):**	NA
Drilling Method:	Hollow-Stem		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.2' Asphalt (100% asphalt), black.	AC							Concrete
		0.2-3.5' Sandy SILT (65% silt, 35% sand), fine sand, light brown, dense, moist, no odor, no sheen.	ML		100	NA	1.1	EB15-2.5		
		3.5-6.5' Silty SAND (70% sand, 30% silt), fine sand, yellowish-brown, loose, moist, no odor, no sheen.	SM				0.7	EB15-4.0	X	
5					100	3/5/5	0.6	EB15-5.0		
								EB15-5.5-6.0	X	
								EB15-6.0-6.5	X	
		7.5-8.0' Poorly graded SAND (95% sand, 5% silt), fine to medium sand, tan, medium dense, moist, no odor, no sheen.	SP		70	6/9/9				
		8.0-8.6' Sandy SILT (60% silt, 40% sand), fine sand, light brown, medium dense, moist, no odor, no sheen.	ML				0.5	EB15-8.0		
10		10.0-11.5' Silty SAND (75% sand, 25% silt), fine sand, light brown, medium dense, moist, no odor, no sheen.	SM		100	6/9/11	0.3			
		12.5-14.0' Silty SAND (75% sand, 25% silt), fine to medium sand, light	SM		100	9/10/11	0.5			Bentonite Chips

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: **X:** NA **Y:** NA

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Log of Boring: EB-15

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
		brown, medium dense, moist, no odor, no sheen.								
15		15.0-16.0' Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine sand, fine to coarse gravel, light brown, dense, moist, no odor, no sheen.	SM		100	11/16/22	0.2			
		16.0-16.5' Silty SAND (75% sand, 25% silt), fine sand, light brown, dense, moist, no odor, no sheen.	SM					EB15-16.0	X	
		17.5-19.0' Silty SAND (75% sand, 25% silt), fine sand, light brown, dense, moist, no odor, no sheen.	SM		100	7/12/12	0.2	EB15-17.5-18.0 EB15-18.0-18.5		
20		20.0-21.2' SILT with sand (80% silt, 20% sand), fine sand, yellowish-brown, very dense, moist, no odor, no sheen.	ML		80	18/50 for 6"	0.4			Bentonite Chips
		22.5-24.0' SILT with sand (80% silt, 20% sand), fine sand, yellowish-brown, very dense, moist, no odor, no sheen.	ML		30	17/50 for 6"	0.6	EB15-22.5	X	
25		25.0-26.0' Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine sand, fine to coarse gravel, light brown, very dense, moist, no odor, no sheen.	SM		30	21/50 for 6"	0.4			
		27.5-27.8' Clayey SAND with gravel (50% sand, 25% gravel, 25% clay), fine sand, fine to coarse gravel, medium plastic, greyish-brown, very dense, moist to slight wet, no odor, no sheen.	SC		20	100/5"	0.2			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: **X:** NA **Y:** NA

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Log of Boring: EB-15

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
30		30.0-30.5' Clayey SAND with gravel (50% sand, 25% gravel, 25% clay), fine sand, fine to coarse gravel, medium plastic, greyish-brown, very dense, slight wet, no odor, no sheen. Refusal at 30.5-feet bgs due to rock.	SC		30	50/6"	0.2			
		30.5-31.5' Sandy SILT with gravel (65% silt, 20% sand, 15% gravel), fine sand, fine to coarse gravel, brown, very dense, slight wet, no odor, no sheen. Observed subround to subangular gravel.	ML		30	50/6"	0.2	EB15-31.0	X	
35										

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: **X:** NA **Y:** NA

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Log of Boring: EB-16

Client: Wilbur Allison
Project: Allison's Norge Village
Location: Olympia, Washington
Farallon PN: 663-010
Logged By: Ken Scott

Date/Time Started:	8/9/11 @ 9:00	**Sampler Type:**	18-inch Dames and Moore
Date/Time Completed:	8/9/11 @ 14:00	**Drive Hammer (lbs.):**	300
Equipment:	CME 75	**Depth of Water ATD (ft bgs):**	NE
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	68.0'
Drilling Foreman:	Jeremiah Jenkins	**Total Well Depth (ft bgs):**	NA
Drilling Method:	Hollow-Stem		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.3' Asphalt (100% asphalt), black.	AC							Concrete
		0.3-1.6' Silty SAND with gravel Fill (65% sand, 20% silt, 15% gravel), fine to medium sand, fine to coarse gravel, brown, estimated loose, moist, no odor, no sheen.	FILL							
		1.6-5.0' Sandy SILT (65% silt, 35% sand), fine sand, yellowish-brown, estimated very loose, moist, no odor, no sheen.	ML		100	NA	1.4	EB16-3.0	X	
5		5.0-6.1' Silty SAND (70% sand, 30% silt), fine sand, yellowish-brown, very loose, moist, no odor, no sheen.	SM		75	2/2/3	0.0			
		7.5-9.0' Silty SAND (70% sand, 30% silt), fine sand, yellowish-brown, medium dense, moist, no odor, no sheen.	SM		100	10/8/8	0.0			Bentonite Chips
10		10.0-10.5' Poorly graded SAND (95% sand, 5% silt), fine sand, light grey to brown, loose, moist, no odor, no sheen.	SP		80	4/4/6	0.0	EB16-10.0-10.5 EB16-10.5	X X	
		10.5-11.2' Silty SAND (80% sand, 20% silt), fine sand, light brown, medium dense, moist, no odor, no sheen.	SM					EB16-10.5-11.0	X	
		12.5-13.5' Silty SAND (80% sand, 20% silt), fine sand, light brown,	SM		95	3/6/7	0.0			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: EB-16

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
		loose, moist, no odor, no sheen.								
		13.5-14.0' Poorly graded SAND with silt (90% sand, 10% silt), fine sand, light brown, medium dense, moist, no odor, no sheen.	SP-SM							
15		15.0-15.5' SILT (100% silt), brown, medium dense, moist, no odor, no sheen.	ML		100	6/9/9	0.0	EB16-15.0-15.5 EB16-15.5	X X	
		15.5-16.5' Sandy SILT (70% silt, 30% sand), fine sand, brown, medium dense, moist, no odor, no sheen.	ML					EB16-15.5-16.0	X	
		17.5-19.0' Sandy SILT (90% silt, 10% sand), fine sand, brown, medium dense, moist, no odor, no sheen. Observed red mottling at 19-feet bgs.	ML		100	10/15/20	0.0			
20		20.0-20.6' Silty SAND with gravel (65% sand, 20% silt, 15% gravel), fine sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen.	SM		40	23/50 for 6"	0.2			Bentonite Chips
		20.5-20.8' Poorly graded SAND (95% sand, 5% silt), fine sand, light grey to brown, very dense, moist, no odor, no sheen.	SP							
		22.5-23.6' Poorly graded SAND with silt and gravel (65% sand, 25% gravel, 10% silt), fine sand, fine to coarse gravel, light grey to brown, very dense, moist, no odor, no sheen. Observed 3-inch round cobble at 22.5-feet bgs.	SP-SM		30	50 for 6"	0.4			
25		25.0-25.6' Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, light brown, very dense, moist, no odor, no sheen. Observed 3-inch grey, round to subrounded cobbles.	SM		30	50 for 6"	0.3	EB16-25.0	X	
		27.5-28.1' Gravelly SILT with SAND (45% silt, 30% gravel, 25% sand), fine to coarse gravel, fine to coarse sand, greyish brown, very dense, moist, no odor, no sheen. Observed 3-inch round cobbles.	ML		30	50 for 6"	0.3			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: EB-16

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
30		30.0-30.6' Gravelly SILT (60% silt, 30% gravel, 10% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, moist, no odor, no sheen.	ML		30	50 for 6"	0.4			
		32.5-33.1' Poorly graded SAND with gravel (60% sand, 35% gravel, 5% silt), medium to coarse sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen.	SP		30	50 for 6"	1.0			
35		35.0-35.4' Gravelly SILT with sand (45% silt, 35% gravel, 20% sand), fine to medium sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen.	ML		30	50 for 6"	0.5	EB16-35.0	X	Bentonite Chips
		37.5-37.9' Silty SAND (70% sand, 30% silt), fine sand, brown, very dense, moist, no odor, no sheen.	SM		25	50 for 4"	0.3			
40					30	50 for 6"	0.3			
		42.5-43.1' Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen. Observed 3-inch grey, round cobbles.	SM		30	50 for 6"	0.3			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: EB-16

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45		45.0-45.6' Silty SAND with gravel (60% sand, 20% silt, 20% gravel), fine sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen. Observed 3-inch grey rock in shoe.	SM		30	50 for 6"	0.2	EB16-45.0	X	
		47.5-48.1' Silty GRAVEL with sand (60% gravel, 20% sand, 20% silt), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen.	GM		30	50 for 6"	0.0			
50		50.0-50.5' Silty GRAVEL with sand (60% gravel, 20% sand, 20% silt), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen. Observe subround to subangular gravel.	GM		25	50 for 5"	0.0			
		52.5-53.1' Silty GRAVEL with sand (60% gravel, 20% sand, 20% silt), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen. Observe angular to subangular gravel.	GM		30	50 for 6"	0.0			Bentonite Chips
55		55.0-55.5' Silty GRAVEL with sand (60% gravel, 20% sand, 20% silt), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen. Observed 3-inch rock in shoe.	GM		25	50 for 5"	0.0	EB16-55.0	X	
		57.5-58.0' Silty GRAVEL (75% gravel, 15% silt, 10% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen. Observed 1 to 2-inch round to subrounded black, and grey gravel. Observed slight wet to wet water zone at 57.5-feet bgs.	GM		25	50 for 4"	0.2			
60		60.0-60.5' Silty GRAVEL (70% gravel, 20% silt, 10% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no	GM		25	50 for 5"	0.3			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: EB-16

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
		odor, no sheen. Observed subrounded grey to black gravel.								
		62.5-63.0' Silty GRAVEL with sand (70% gravel, 15% silt, 15% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen.	GM	⊠	20	50 for 4"	0.3			
65		65.0-65.4' Silty GRAVEL (70% gravel, 25% silt, 5% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet, no odor, no sheen. Driller states having difficuilty drilling through dense gravel, observe drill rig keeps stalling. Drive hammer gets stuck at 67.5-feet bgs, free hammer and continue drilling.	GM	⊠	20	50 for 4"	0.2	EB16-65.0	X	Bentonite Chips
		67.5-68.0' Silty GRAVEL (70% gravel, 25% silt, 5% sand), fine to coarse gravel, fine to coarse sand, brown, very dense, slight wet to wet, no odor, no sheen. Driller states refusal at 68-feet bgs due to dense gravel (bent auger), also had to repair hammer cable. Driller stops drilling due to dense gravels causing refusal.	GM	⊠	20	50 for 5"	0.1			▼ Water level
70										

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: **X:** NA **Y:** NA

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Log of Boring: EB-17

Client: Wilbur Allison
Project: Allison's Norge Village
Location: Olympia, Washington
Farallon PN: 663-010
Logged By: Ken Scott

Date/Time Started:	8/8/11 @ 13:05	**Sampler Type:**	18-inch Dames and Moore
Date/Time Completed:	8/8/11 @ 15:35	**Drive Hammer (lbs.):**	300
Equipment:	CME 75	**Depth of Water ATD (ft bgs):**	NE
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	40.5
Drilling Foreman:	Jeremiah Jenkins	**Total Well Depth (ft bgs):**	NA
Drilling Method:	Hollow-Stem		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed
0		0.0-0.2' Asphalt (100% asphalt), black.	AC					
		0.2-1.5' Silty SAND with gravel Fill (65% sand, 20% silt, 15% gravel), fine sand, fine to coarse gravel, brown, estimated loose, moist, no odor, no sheen.	FILL					
		1.5-6.5' Silty SAND (65% sand, 35% silt), fine sand, yellowish-brown, medium dense, moist, no odor, no sheen.	SM	100	NA	0.9	EB17-2.5	
5				100	5/9/9	0.5	EB17-5.0	X
							EB17-5.5-6.0	X
							EB17-6.0-6.5	X
		7.5-8.6' Silty SAND (65% sand, 35% silt), fine sand, brown, medium dense, moist, no odor, no sheen.	SM	70	6/8/7	0.5		
10		10.0-11.1' Silty SAND (85% sand, 15% silt), fine to medium sand, light grey, loose, moist, no odor, no sheen.	SM	70	5/5/5	0.5		
		12.5-14.0' Silty SAND (85% sand, 15% silt), fine to medium sand, light	SM	100	6/7/9	0.4	EB17-12.5-13.0	

Boring/Well Construction Details: Concrete; Bentonite Chips

Well Construction Information

Monument Type:	NA	**Filter Pack:**	NA	**Ground Surface Elevation (ft):**	NA
Casing Diameter (inches):	NA	**Surface Seal:**	Concrete	**Top of Casing Elevation (ft):**	NA
Screen Slot Size (inches):	NA	**Annular Seal:**	NA	**Boring Abandonment:**	Bentonite Chips
Screened Interval (ft bgs):	NA			**Surveyed Location:** X: NA	Y: NA

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Log of Boring: EB-17

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
		grey, medium dense, moist, no odor, no sheen.						EB17-13.0-13.5		
15		15.0-16.5' Poorly graded SAND (95% sand, 5% silt), fine sand, light grey, medium dense, moist, no odor, no sheen.	SP		100	10/14/14	0.5			
		17.5-18.5' Poorly graded SAND (95% sand, 5% silt), fine sand, light grey, dense, moist, no odor, no sheen.	SP		100	14/14/24	0.4			
		18.5-19.0' Sandy SILT (55% silt, 45% sand), fine sand, yellow-brown, dense, moist, no odor, no sheen.	ML							
20		20.0-20.3' Silty SAND with gravel (65% sand, 20% silt, 15% gravel), fine sand, fine to coarse gravel, light grey, very dense, moist, no odor, no sheen.	SM		40	50/6"	0.6	EB17-20.0	X	
		20.3-20.6' Silty SAND (70% sand, 30% silt), fine sand, brown, very dense, moist, no odor, no sheen. Observed 2 by 1.5-inch oblong rock.	SM							
		22.5-23.0' Well-graded GRAVEL with silt and sand (65% gravel, 25% sand, 10% silt), fine to coarse gravel, fine to medium sand, brown, very dense, moist, no odor, no sheen. Observed 2 by 3-inch round cobble.	GW-GM		30	50/6"	0.3			
25		25.0-25.5' Poorly graded SAND with silt and gravel (60% sand, 30% gravel, 10% silt), fine to medium sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen. Observed 3-inch subrounded white cobble.	SP-SM		30	50/6"	0.6			
		27.5-28.6' Silty SAND with gravel (60% sand, 25% silt, 15% gravel), fine to medium sand, fine to coarse gravel, brown, very dense, moist to slight wet, no odor, no sheen. Observed 3-inch subrounded white and black cobble.	SM		70	50/6"	0.5			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: EB-17

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
30		30.0-30.5' Poorly graded SAND with gravel (70% sand, 25% gravel, 5% silt), fine to medium sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen.	SP		30	50/6"	0.5			Bentonite Chips
		32.5-32.8' Sandy SILT (70% silt, 30% sand), fine sand, brown, very dense, moist, no odor, no sheen. Observed green and grey rock between 32.8 to 33.0' bgs.	ML		25	50/5"	0.3			
35		35.0-35.3' Sandy SILT with gravel (65% silt, 20% sand, 15% gravel), fine sand, fine to coarse gravel, brown, very dense, moist, no odor, no sheen. Observed 3-inch round white cobble.	ML		20	50/3"	0.4			
		37.5-38.0' Silty GRAVEL with sand (60% gravel, 20% silt, 20% sand), fine to coarse gravel, fine to medium sand, brown, very dense, moist, no odor, no sheen. Observed round gravel.	GM		30	50/6"	0.7			
40		40.0-40.5' Silty GRAVEL with sand (60% gravel, 20% silt, 20% sand), fine to coarse gravel, fine to medium sand, brown, very dense, moist, no odor, no sheen. Observed round gravel.	GM		30	50/6"	0.4	EB17-40.0	X	

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA
Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: Bentonite Chips
Surveyed Location: X: NA Y: NA

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Log of Boring: IB-6

Client: Wilbur Allison
Project: Allison's Norge Village
Location: Olympia, Washington
Farallon PN: 663-010
Logged By: Ken Scott

Date/Time Started:	8/10/11 @ 9:30	**Sampler Type:**	Macrocore
Date/Time Completed:	8/10/11 @ 15:20	**Drive Hammer (lbs.):**	NA
Equipment:	GeoProbe	**Depth of Water ATD (ft bgs):**	NE
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	20'
Drilling Foreman:	Lynn Goble	**Total Well Depth (ft bgs):**	NA
Drilling Method:	Direct Push		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed
0		0.0-0.4' Concrete (100% concrete), white, no odor, no sheen.	CO					
		0.4-0.8' SILT Fill (100% silt), brown, moist, no odor, no sheen.	FILL	50	NA	0.0	IB-6-1.5	
		0.8-1.5' Well-graded GRAVEL with silt and sand Fill (70% gravel, 20% sand, 10% silt), fine to coarse gravel, fine to medium sand, brown, moist, no odor. Observed round to subround white, and grey gravel.	FILL / FILL					
5		1.5-2.2' SILT Fill (90% silt, 5% sand, 5% gravel), fine sand, yellowish-tan, moist, no odor, no sheen.	CO / ML	90	NA	1.3	IB-6-4.5	X
		2.2-3.1.' Concrete (100% concrete), white, no odor, no sheen. Had concrete corer core through 4-inch concrete slab (1st slab), and 7-inch concrete slab (2nd slab).	SM				IB-6-6.0-6.5 IB-6-6.5-7.0 IB-6-7.0-7.5	
		3.1-4.5' SILT (100% silt), brown, moist, slight odor, no sheen.		100	NA	0.2	IB-6-7.5-8.0	
10		6.0-11.8' Silty SAND (80% sand, 20% silt), fine sand, yellowish-brown, moist, slight odor, no sheen.					IB-6-9.0	X
				100	NA	0.3		
		11.8-12.3' SILT (100% silt), brown, moist, slight odor, no sheen.	ML				IB-6-12.0-12.5 IB-6-12.5-13.0	X X
		12.3-14.5' Silty SAND (80% sand, 20% silt), fine sand, light grey, moist, slight odor, no sheen.	SM	100	NA	0.3	IB-6-13.0-13.5 IB-6-13.5-14.0	X X
15		14.5-19.3' Silty SAND (65% sand, 35% silt), fine sand, brown, moist, slight odor, no sheen.	SM				IB-6-15.0	X
				100	NA	0.2		
20		19.3-19.7' Poorly graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine to medium sand, fine to coarse gravel, light grey, moist, slight odor, no sheen.	SP / ML	100	NA	0.1	IB-6-20.0	X
		19.7-20.0' SILT (100% silt), brown, moist to wet, no odor, no sheen.						

Concrete
Bentonite Chips
Water level

Well Construction Information

Monument Type:	NA	**Filter Pack:**	NA	**Ground Surface Elevation (ft):**	NA
Casing Diameter (inches):	NA	**Surface Seal:**	Concrete	**Top of Casing Elevation (ft):**	NA
Screen Slot Size (inches):	NA	**Annular Seal:**	NA	**Boring Abandonment:**	Bentonite Chips
Screened Interval (ft bgs):	NA			**Surveyed Location:** X: NA	Y: NA

APPENDIX B
LABORATORY ANALYTICAL REPORTS

CLEANUP ACTION PROGRESS REPORT
MARCH 2011 TO MAY 2012
Allison's Norge Village (aka Eastside Laundry)
120 Northeast Turner Street
Olympia, Washington

Farallon PN: 663-010

OnSite Environmental Inc.

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

April 5, 2011

Kristen Darnell
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 663-010
Laboratory Reference No. 1103-261

Dear Kristen:

Enclosed are the analytical results and associated quality control data for samples submitted on March 28, 2011.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

Case Narrative

Samples were collected on March 24 and 25, 2011 and received by the laboratory on March 28, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW13-032411**					
Laboratory ID:	03-261-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW13-032411**					
Laboratory ID:	03-261-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*78*	*68-107*				
Toluene-d8	*85*	*73-102*				
4-Bromofluorobenzene	*80*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW12-032411**					
Laboratory ID:	03-261-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW12-032411**					
Laboratory ID:	03-261-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*68-107*				
Toluene-d8	*85*	*73-102*				
4-Bromofluorobenzene	*79*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW9-032411**					
Laboratory ID:	03-261-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW9-032411**					
Laboratory ID:	03-261-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*68-107*				
Toluene-d8	*85*	*73-102*				
4-Bromofluorobenzene	*79*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW11-032411**					
Laboratory ID:	03-261-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW11-032411**					
Laboratory ID:	03-261-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	4.9	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*68-107*				
Toluene-d8	*85*	*73-102*				
4-Bromofluorobenzene	*77*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW7-032411**					
Laboratory ID:	03-261-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW7-032411**					
Laboratory ID:	03-261-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	6.0	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-107*				
Toluene-d8	*86*	*73-102*				
4-Bromofluorobenzene	*80*	*65-104*				

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HALOGENATED VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW10-032511**					
Laboratory ID:	03-261-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW10-032511**					
Laboratory ID:	03-261-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-107*				
Toluene-d8	*86*	*73-102*				
4-Bromofluorobenzene	*81*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-032511**					
Laboratory ID:	03-261-07					
Dichlorodifluoromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	5.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	5.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	1.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	5.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	5.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	5.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260	4-1-11	4-1-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-032511**					
Laboratory ID:	03-261-07					
1,1,2-Trichloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	130	1.0	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	5.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*68-107*				
Toluene-d8	*85*	*73-102*				
4-Bromofluorobenzene	*82*	*65-104*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-032511**					
Laboratory ID:	03-261-08					
Dichlorodifluoromethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	10	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	2.0	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	10	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	2.0	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	10	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	10	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	2.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260	4-1-11	4-1-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-032511**					
Laboratory ID:	03-261-08					
1,1,2-Trichloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	280	2.0	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	10	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	2.0	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	2.0	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	2.0	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*88*	*68-107*				
Toluene-d8	*91*	*73-102*				
4-Bromofluorobenzene	*86*	*65-104*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0401W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloromethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Iodomethane	ND	1.0	EPA 8260	4-1-11	4-1-11	
Methylene Chloride	ND	1.0	EPA 8260	4-1-11	4-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chloroform	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Trichloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromomethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	4-1-11	4-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	4-1-11	4-1-11	

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0401W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Chlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
Bromoform	ND	1.0	EPA 8260	4-1-11	4-1-11	
Bromobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	4-1-11	4-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	4-1-11	4-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	4-1-11	4-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	4-1-11	4-1-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-107*				
Toluene-d8	*92*	*73-102*				
4-Bromofluorobenzene	*87*	*65-104*				

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Date of Report: April 5, 2011
Samples Submitted: March 28, 2011
Laboratory Reference: 1103-261
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-260-06										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	**9.29**	**9.21**	10.0	10.0	ND	93	92	70-130	1	12	
Benzene	**9.53**	**9.67**	10.0	10.0	ND	95	97	84-123	1	11	
Trichloroethene	**9.49**	**9.61**	10.0	10.0	ND	95	96	80-117	1	14	
Toluene	**9.71**	**9.68**	10.0	10.0	ND	97	97	87-115	0	12	
Chlorobenzene	**10.0**	**10.0**	10.0	10.0	ND	100	100	86-117	0	13	
Surrogate:											
Dibromofluoromethane						*87*	*82*	*68-107*			
Toluene-d8						*91*	*84*	*73-102*			
4-Bromofluorobenzene						*88*	*81*	*65-104*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: FARALLON
Project Number: 663-010
Project Name: ALLISONS NORGE VILLAGE
Project Manager: Kristen Darnell
Sampled by: Ken Scott

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Day
- ☐ 3 Day
- ☒ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 03-261

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
	MW13-032411	3/24/11	1225	W	3					X									
	MW12-032411		1355	W	3					X									
	MW9-032411		1510	W	3					X									
	MW11-032411		1623	W	3					X									
	MW7-032411	↓	1715	W	3					X									
	MW10-032511	3/25/11	1235	W	3					X									
	MW5-032511		1330	W	3					X									
	MW2-032511	↓	1420	W	3					X									
									(X5)										

	Signature	Company	Date	Time
Relinquished by	Ken Scott	FARALLON	3/28/11	930
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

OnSite Environmental Inc.

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

September 26, 2011

Don Lance
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 663-010
Laboratory Reference No. 1109-085

Dear Don:

Enclosed are the analytical results and associated quality control data for samples submitted on September 15, 2011.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

Case Narrative

Samples were collected on September 13 and 14, 2011 and received by the laboratory on September 15, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW9-091311**					
Laboratory ID:	09-085-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW9-091311**					
Laboratory ID:	09-085-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*68-120*				
Toluene-d8	*100*	*73-120*				
4-Bromofluorobenzene	*103*	*65-120*				

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW10-091311**					
Laboratory ID:	09-085-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW10-091311**					
Laboratory ID:	09-085-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*68-120*				
Toluene-d8	*99*	*73-120*				
4-Bromofluorobenzene	*101*	*65-120*				

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
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Project: 663-010

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW12-091311**					
Laboratory ID:	09-085-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW12-091311**					
Laboratory ID:	09-085-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*68-120*				
Toluene-d8	*100*	*73-120*				
4-Bromofluorobenzene	*102*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUP-091411**					
Laboratory ID:	09-085-04					
Dichlorodifluoromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	10	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	10	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	10	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	10	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUP-091411**					
Laboratory ID:	09-085-04					
1,1,2-Trichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	390	2.0	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	10	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	2.0	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*68-120*				
Toluene-d8	*103*	*73-120*				
4-Bromofluorobenzene	*105*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW13-091411**					
Laboratory ID:	09-085-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW13-091411**					
Laboratory ID:	09-085-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*68-120*				
Toluene-d8	*100*	*73-120*				
4-Bromofluorobenzene	*102*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW7-091411**					
Laboratory ID:	09-085-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW7-091411**					
Laboratory ID:	09-085-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	5.5	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*68-120*				
Toluene-d8	*101*	*73-120*				
4-Bromofluorobenzene	*103*	*65-120*				

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-091411**					
Laboratory ID:	09-085-07					
Dichlorodifluoromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	10	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	10	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	10	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	10	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260	9-21-11	9-21-11	

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-091411**					
Laboratory ID:	09-085-07					
1,1,2-Trichloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	370	2.0	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	10	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	2.0	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	2.0	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	2.0	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*68-120*				
Toluene-d8	*102*	*73-120*				
4-Bromofluorobenzene	*104*	*65-120*				

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0921W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloromethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Vinyl Chloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Iodomethane	ND	1.0	EPA 8260	9-21-11	9-21-11	
Methylene Chloride	ND	1.0	EPA 8260	9-21-11	9-21-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chloroform	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Trichloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromomethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromodichloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	9-21-11	9-21-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	9-21-11	9-21-11	

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0921W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Tetrachloroethene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Dibromochloromethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Chlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
Bromoform	ND	1.0	EPA 8260	9-21-11	9-21-11	
Bromobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	9-21-11	9-21-11	
2-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
4-Chlorotoluene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	9-21-11	9-21-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	9-21-11	9-21-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	9-21-11	9-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*68-120*				
Toluene-d8	*101*	*73-120*				
4-Bromofluorobenzene	*103*	*65-120*				

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Date of Report: September 26, 2011
Samples Submitted: September 15, 2011
Laboratory Reference: 1109-085
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0921W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.3**	**10.1**	10.0	10.0	103	101	70-130	2	11	
Benzene	**9.84**	**9.89**	10.0	10.0	98	99	75-123	1	8	
Trichloroethene	**10.2**	**9.85**	10.0	10.0	102	99	80-113	3	9	
Toluene	**10.1**	**9.82**	10.0	10.0	101	98	80-113	3	8	
Chlorobenzene	**11.0**	**10.6**	10.0	10.0	110	106	80-111	4	8	
Surrogate:										
Dibromofluoromethane					*101*	*104*	*68-120*			
Toluene-d8					*100*	*99*	*73-120*			
4-Bromofluorobenzene					*100*	*101*	*65-120*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 663-010
Project Name: Allison's Norge Village
Project Manager: DON LANCE
Sampled by: Ken Scott

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 09-085

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	MW9-091311	9/13/11	1320	W	3						X										
2	MW10-091311	↓	1425	W	3						X										
3	MW12-091311	↓	1545	W	3						X										
4	DUP-091411	9/14/11	1005	W	3						X										
5	MW13-091411	↓	1055	W	3						X										
6	MW7-091411	↓	1210	W	3						X										
7	MW2-091411	↓	1320	W	3						X										
8	TripBLANK	↓		W	1																
										K3											

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	9/14/11	1700
Received	[illegible]	OnSite Env	9/15/11	1315
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

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

November 16, 2011

Don Lance
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 663-010
Laboratory Reference No. 1111-086

Dear Don:

Enclosed are the analytical results and associated quality control data for samples submitted on November 11, 2011.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

Case Narrative

Samples were collected on November 10, 2011 and received by the laboratory on November 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5-111011**					
Laboratory ID:	11-086-01					
Dichlorodifluoromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Chloromethane	ND	10	EPA 8260	11-14-11	11-14-11	
Vinyl Chloride	ND	2.0	EPA 8260	11-14-11	11-14-11	
Bromomethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Chloroethane	ND	10	EPA 8260	11-14-11	11-14-11	
Trichlorofluoromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethene	ND	2.0	EPA 8260	11-14-11	11-14-11	
Iodomethane	ND	10	EPA 8260	11-14-11	11-14-11	
Methylene Chloride	ND	10	EPA 8260	11-14-11	11-14-11	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
2,2-Dichloropropane	ND	2.0	EPA 8260	11-14-11	11-14-11	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260	11-14-11	11-14-11	
Bromochloromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Chloroform	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1,1-Trichloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Carbon Tetrachloride	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1-Dichloropropene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2-Dichloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Trichloroethene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2-Dichloropropane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Dibromomethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Bromodichloromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260	11-14-11	11-14-11	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260	11-14-11	11-14-11	
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260	11-14-11	11-14-11	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5-111011**					
Laboratory ID:	11-086-01					
1,1,2-Trichloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Tetrachloroethene	270	2.0	EPA 8260	11-14-11	11-14-11	
1,3-Dichloropropane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Dibromochloromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2-Dibromoethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Chlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Bromoform	ND	10	EPA 8260	11-14-11	11-14-11	
Bromobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichloropropane	ND	2.0	EPA 8260	11-14-11	11-14-11	
2-Chlorotoluene	ND	2.0	EPA 8260	11-14-11	11-14-11	
4-Chlorotoluene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,3-Dichlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,4-Dichlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2-Dichlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260	11-14-11	11-14-11	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
Hexachlorobutadiene	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260	11-14-11	11-14-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*68-120*				
Toluene-d8	*85*	*73-120*				
4-Bromofluorobenzene	*76*	*65-120*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-111011**					
Laboratory ID:	11-086-02					
Dichlorodifluoromethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Chloromethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Vinyl Chloride	ND	0.40	EPA 8260	11-14-11	11-14-11	
Bromomethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Chloroethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Trichlorofluoromethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethene	ND	0.40	EPA 8260	11-14-11	11-14-11	
Iodomethane	ND	2.0	EPA 8260	11-14-11	11-14-11	
Methylene Chloride	ND	2.0	EPA 8260	11-14-11	11-14-11	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
2,2-Dichloropropane	ND	0.40	EPA 8260	11-14-11	11-14-11	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260	11-14-11	11-14-11	
Bromochloromethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Chloroform	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1,1-Trichloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Carbon Tetrachloride	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1-Dichloropropene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2-Dichloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Trichloroethene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2-Dichloropropane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Dibromomethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Bromodichloromethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260	11-14-11	11-14-11	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260	11-14-11	11-14-11	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260	11-14-11	11-14-11	

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Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-111011**					
Laboratory ID:	11-086-02					
1,1,2-Trichloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Tetrachloroethene	53	0.40	EPA 8260	11-14-11	11-14-11	
1,3-Dichloropropane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Dibromochloromethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2-Dibromoethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Chlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
Bromoform	ND	2.0	EPA 8260	11-14-11	11-14-11	
Bromobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichloropropane	ND	0.40	EPA 8260	11-14-11	11-14-11	
2-Chlorotoluene	ND	0.40	EPA 8260	11-14-11	11-14-11	
4-Chlorotoluene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,3-Dichlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,4-Dichlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2-Dichlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260	11-14-11	11-14-11	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
Hexachlorobutadiene	ND	0.40	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260	11-14-11	11-14-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*68-120*				
Toluene-d8	*84*	*73-120*				
4-Bromofluorobenzene	*78*	*65-120*				

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Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1114W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Chloromethane	ND	1.0	EPA 8260	11-14-11	11-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	11-14-11	11-14-11	
Bromomethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Chloroethane	ND	1.0	EPA 8260	11-14-11	11-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	11-14-11	11-14-11	
Iodomethane	ND	1.0	EPA 8260	11-14-11	11-14-11	
Methylene Chloride	ND	1.0	EPA 8260	11-14-11	11-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	11-14-11	11-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	11-14-11	11-14-11	
Bromochloromethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Chloroform	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Trichloroethene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Dibromomethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	11-14-11	11-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	11-14-11	11-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	11-14-11	11-14-11	

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Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1114W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Tetrachloroethene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Chlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
Bromoform	ND	1.0	EPA 8260	11-14-11	11-14-11	
Bromobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	11-14-11	11-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	11-14-11	11-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	11-14-11	11-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	11-14-11	11-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	11-14-11	11-14-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*68-120*				
Toluene-d8	*83*	*73-120*				
4-Bromofluorobenzene	*77*	*65-120*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 16, 2011
Samples Submitted: November 11, 2011
Laboratory Reference: 1111-086
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1114W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**12.0**	**12.0**	10.0	10.0	120	120	70-130	0	11	
Benzene	**9.46**	**9.51**	10.0	10.0	95	95	75-123	1	8	
Trichloroethene	**10.2**	**10.6**	10.0	10.0	102	106	80-113	4	9	
Toluene	**9.70**	**10.0**	10.0	10.0	97	100	80-113	3	8	
Chlorobenzene	**9.68**	**10.3**	10.0	10.0	97	103	80-111	6	8	
Surrogate:										
Dibromofluoromethane					*85*	*82*	*68-120*			
Toluene-d8					*87*	*83*	*73-120*			
4-Bromofluorobenzene					*81*	*79*	*65-120*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 663-010
Project Name: Allison's Norge Village
Project Manager: DON
Sampled by: Ken Scott

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 11-086

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	MW-5-111011	11/10/11	1115	W	3						X											
2	MW-11-111011	11/10/11	1205	W	3						X											
								K5														

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Ken Scott	FARALLON	11/11/11	1440	
Received		Onsite	11-11-11	1440	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

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

March 2, 2012

Don Lance
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 663-010
Laboratory Reference No. 1202-189

Dear Don:

Enclosed are the analytical results and associated quality control data for samples submitted on February 24, 2012.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

Case Narrative

Samples were collected on February 21 and 22, 2012 and received by the laboratory on February 24, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-022112**					
Laboratory ID:	02-189-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-022112**					
Laboratory ID:	02-189-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	4.0	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-120*				
Toluene-d8	*90*	*73-120*				
4-Bromofluorobenzene	*86*	*65-120*				

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-022112**					
Laboratory ID:	02-189-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-022112**					
Laboratory ID:	02-189-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*68-120*				
Toluene-d8	*95*	*73-120*				
4-Bromofluorobenzene	*91*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-022112**					
Laboratory ID:	02-189-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-022112**					
Laboratory ID:	02-189-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	4.1	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*68-120*				
Toluene-d8	*90*	*73-120*				
4-Bromofluorobenzene	*87*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-022112**					
Laboratory ID:	02-189-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-022112**					
Laboratory ID:	02-189-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*68-120*				
Toluene-d8	*91*	*73-120*				
4-Bromofluorobenzene	*86*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13-022112**					
Laboratory ID:	02-189-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13-022112**					
Laboratory ID:	02-189-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*68-120*				
Toluene-d8	*94*	*73-120*				
4-Bromofluorobenzene	*91*	*65-120*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2-022212**					
Laboratory ID:	02-189-06					
Dichlorodifluoromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	5.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	5.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2-022212**					
Laboratory ID:	02-189-06					
1,1,2-Trichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	140	1.0	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	5.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	1.0	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*68-120*				
Toluene-d8	*89*	*73-120*				
4-Bromofluorobenzene	*85*	*65-120*				

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5-022212**					
Laboratory ID:	02-189-07					
Dichlorodifluoromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	5.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	5.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	5.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260	2-27-12	2-27-12	

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5-022212**					
Laboratory ID:	02-189-07					
1,1,2-Trichloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	130	1.0	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	5.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	1.0	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*88*	*68-120*				
Toluene-d8	*89*	*73-120*				
4-Bromofluorobenzene	*82*	*65-120*				

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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-022212**					
Laboratory ID:	02-189-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Date of Report: March 2, 2012
Samples Submitted: February 24, 2012
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-022212**					
Laboratory ID:	02-189-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*68-120*				
Toluene-d8	*95*	*73-120*				
4-Bromofluorobenzene	*91*	*65-120*				

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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0227W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloromethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Iodomethane	ND	1.0	EPA 8260	2-27-12	2-27-12	
Methylene Chloride	ND	1.0	EPA 8260	2-27-12	2-27-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chloroform	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Trichloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromomethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-27-12	2-27-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-27-12	2-27-12	

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Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0227W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Chlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
Bromoform	ND	1.0	EPA 8260	2-27-12	2-27-12	
Bromobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-27-12	2-27-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-27-12	2-27-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-27-12	2-27-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-27-12	2-27-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*68-120*				
Toluene-d8	*93*	*73-120*				
4-Bromofluorobenzene	*89*	*65-120*				

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Samples Submitted: February 24, 2012
Laboratory Reference: 1202-189
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0227W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**9.79**	**9.23**	10.0	10.0	98	92	70-130	6	11	
Benzene	**10.3**	**9.76**	10.0	10.0	103	98	75-123	5	8	
Trichloroethene	**10.8**	**10.2**	10.0	10.0	108	102	80-113	6	9	
Toluene	**10.5**	**10.1**	10.0	10.0	105	101	80-113	4	8	
Chlorobenzene	**10.9**	**10.6**	10.0	10.0	109	106	80-115	3	8	
Surrogate:										
Dibromofluoromethane					*94*	*89*	*68-120*			
Toluene-d8					*96*	*89*	*73-120*			
4-Bromofluorobenzene					*90*	*85*	*65-120*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 02-189

Company: FARALLON CONSULTING
Project Number: 663-010
Project Name: Allison's
Project Manager: DON LANCE
Sampled by: JAVA BUARK & DINCER KAYHAN

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	MW-7-022112	2/21/12	16:02	W	3						X										
2	MW-9-022112	2/21/12	15:15	W	3						X										
3	MW-11-022112	2/21/12	17:10	W	3						X										
4	MW-12-022112	2/21/12	14:11	W	3						X										
5	MW-13-022112	2/21/12	13:21	W	3						X										
6	MW-2-022212	2/22/12	12:19	W	3						X										
7	MW-5-022212	2/22/12	11:25	W	3						X										
8	MW-10-022212	2/22/12	10:31	W	3						X										
	DK																				

	Signature	Company	Date	Time
Relinquished		FARALLON	2/23/12	8:54
Received		Farallon	2/24/12	1135
Relinquished		Farallon	2/24/12	1135
Received		OTE	2/24/12	1135
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

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

August 17, 2011

Don Lance
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 663-010
Laboratory Reference No. 1108-107

Dear Don:

Enclosed are the analytical results and associated quality control data for samples submitted on August 11, 2011.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

Case Narrative

Samples were collected on August 8, 9, and 10, 2011 and received by the laboratory on August 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Halogenated Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

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

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-4.0**					
Laboratory ID:	08-107-02					
Dichlorodifluoromethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0086	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0086	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0086	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.017	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0086	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0017	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-4.0**					
Laboratory ID:	08-107-02					
1,1,2-Trichloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.037	0.0017	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0017	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0086	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0086	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0017	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*63-127*				
Toluene-d8	*78*	*65-129*				
4-Bromofluorobenzene	*79*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-16.0**					
Laboratory ID:	08-107-05					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0062	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0062	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0062	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.012	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0062	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-16.0**					
Laboratory ID:	08-107-05					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.025	0.0012	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0062	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0062	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*63-127*				
Toluene-d8	*79*	*65-129*				
4-Bromofluorobenzene	*80*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-22.5**					
Laboratory ID:	08-107-06					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0061	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0061	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0061	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.012	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-22.5**					
Laboratory ID:	08-107-06					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.052	0.0012	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0061	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*63-127*				
Toluene-d8	*77*	*65-129*				
4-Bromofluorobenzene	*78*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-31.0**					
Laboratory ID:	08-107-07					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0054	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0054	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0054	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.011	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-15-31.0**					
Laboratory ID:	08-107-07					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.033	0.0011	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0054	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*63-127*				
Toluene-d8	*80*	*65-129*				
4-Bromofluorobenzene	*79*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-5.0**					
Laboratory ID:	08-107-08					
Dichlorodifluoromethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0078	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0078	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0078	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.016	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0078	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0016	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-5.0**					
Laboratory ID:	08-107-08					
1,1,2-Trichloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.015	0.0016	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0078	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0078	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0016	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*63-127*				
Toluene-d8	*79*	*65-129*				
4-Bromofluorobenzene	*81*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-20.0**					
Laboratory ID:	08-107-09					
Dichlorodifluoromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0067	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0067	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0067	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.013	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0067	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-20.0**					
Laboratory ID:	08-107-09					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.012	0.0013	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0067	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*63-127*				
Toluene-d8	*79*	*65-129*				
4-Bromofluorobenzene	*82*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-40.0**					
Laboratory ID:	08-107-10					
Dichlorodifluoromethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0049	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0049	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0049	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.0098	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-17-40.0**					
Laboratory ID:	08-107-10					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.015	0.00098	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0049	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*63-127*				
Toluene-d8	*81*	*65-129*				
4-Bromofluorobenzene	*82*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
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HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-3.0**					
Laboratory ID:	08-107-11					
Dichlorodifluoromethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0070	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0070	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0070	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.014	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260	8-12-11	8-12-11	

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Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-3.0**					
Laboratory ID:	08-107-11					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.086	0.0014	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0070	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*63-127*				
Toluene-d8	*80*	*65-129*				
4-Bromofluorobenzene	*78*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-10.5**					
Laboratory ID:	08-107-12					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0051	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0051	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0051	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.010	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-10.5**					
Laboratory ID:	08-107-12					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.098	0.0010	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0051	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*63-127*				
Toluene-d8	*77*	*65-129*				
4-Bromofluorobenzene	*76*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-15.5**					
Laboratory ID:	08-107-13					
Dichlorodifluoromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0066	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0066	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0066	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.013	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0066	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-15.5**					
Laboratory ID:	08-107-13					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.030	0.0013	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0066	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0066	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*63-127*				
Toluene-d8	*85*	*65-129*				
4-Bromofluorobenzene	*84*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-25.0**					
Laboratory ID:	08-107-14					
Dichlorodifluoromethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.0096	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260	8-12-11	8-12-11	

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Samples Submitted: August 11, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-25.0**					
Laboratory ID:	08-107-14					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.028	0.00096	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*63-127*				
Toluene-d8	*78*	*65-129*				
4-Bromofluorobenzene	*79*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-35.0**					
Laboratory ID:	08-107-15					
Dichlorodifluoromethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0047	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0047	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0047	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.0094	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260	8-12-11	8-12-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-35.0**					
Laboratory ID:	08-107-15					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.018	0.00094	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0047	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*63-127*				
Toluene-d8	*77*	*65-129*				
4-Bromofluorobenzene	*77*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-45.0**					
Laboratory ID:	08-107-16					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.0095	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-45.0**					
Laboratory ID:	08-107-16					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.033	0.00095	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*63-127*				
Toluene-d8	*80*	*65-129*				
4-Bromofluorobenzene	*79*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-55.0**					
Laboratory ID:	08-107-17					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0053	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0053	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0053	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.011	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-12-11	8-12-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-55.0**					
Laboratory ID:	08-107-17					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	0.030	0.0011	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0053	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*63-127*				
Toluene-d8	*79*	*65-129*				
4-Bromofluorobenzene	*80*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-65.0**					
Laboratory ID:	08-107-18					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Chloromethane	ND	0.0050	EPA 8260	8-12-11	8-15-11	
Vinyl Chloride	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Bromomethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Chloroethane	ND	0.0050	EPA 8260	8-12-11	8-15-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Iodomethane	ND	0.0050	EPA 8260	8-12-11	8-15-11	
Methylene Chloride	ND	0.010	EPA 8260	8-12-11	8-15-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Bromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Chloroform	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Trichloroethene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Dibromomethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Bromodichloromethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-12-11	8-15-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-15-11	

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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**EB-16-65.0**					
Laboratory ID:	08-107-18					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Tetrachloroethene	0.015	0.0010	EPA 8260	8-12-11	8-15-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Dibromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Chlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Bromoform	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Bromobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-12-11	8-15-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-12-11	8-15-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-12-11	8-15-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*63-127*				
Toluene-d8	*75*	*65-129*				
4-Bromofluorobenzene	*77*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-4.5**					
Laboratory ID:	08-107-20					
Dichlorodifluoromethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Chloromethane	ND	0.0067	EPA 8260	8-12-11	8-15-11	
Vinyl Chloride	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Bromomethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Chloroethane	ND	0.0067	EPA 8260	8-12-11	8-15-11	
Trichlorofluoromethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Iodomethane	ND	0.0067	EPA 8260	8-12-11	8-15-11	
Methylene Chloride	ND	0.013	EPA 8260	8-12-11	8-15-11	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
2,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
(cis) 1,2-Dichloroethene	0.0017	0.0013	EPA 8260	8-12-11	8-15-11	
Bromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Chloroform	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Carbon Tetrachloride	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,2-Dichloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Trichloroethene	0.011	0.0013	EPA 8260	8-12-11	8-15-11	
1,2-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Dibromomethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Bromodichloromethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0067	EPA 8260	8-12-11	8-15-11	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260	8-12-11	8-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-4.5**					
Laboratory ID:	08-107-20					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Tetrachloroethene	5.8	0.19	EPA 8260	8-16-11	8-16-11	
1,3-Dichloropropane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Dibromochloromethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,2-Dibromoethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Chlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Bromoform	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Bromobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260	8-12-11	8-15-11	
2-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
4-Chlorotoluene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260	8-12-11	8-15-11	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Hexachlorobutadiene	ND	0.0067	EPA 8260	8-12-11	8-15-11	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260	8-12-11	8-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*63-127*				
Toluene-d8	*78*	*65-129*				
4-Bromofluorobenzene	*73*	*55-121*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-9.0**					
Laboratory ID:	08-107-21					
Dichlorodifluoromethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Chloromethane	ND	0.0073	EPA 8260	8-16-11	8-16-11	
Vinyl Chloride	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Bromomethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Chloroethane	ND	0.0073	EPA 8260	8-16-11	8-16-11	
Trichlorofluoromethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1-Dichloroethene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Iodomethane	ND	0.0073	EPA 8260	8-16-11	8-16-11	
Methylene Chloride	ND	0.015	EPA 8260	8-16-11	8-16-11	
(trans) 1,2-Dichloroethene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1-Dichloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
2,2-Dichloropropane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
(cis) 1,2-Dichloroethene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Bromochloromethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Chloroform	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1,1-Trichloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Carbon Tetrachloride	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1-Dichloropropene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2-Dichloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Trichloroethene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2-Dichloropropane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Dibromomethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Bromodichloromethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260	8-16-11	8-16-11	
(cis) 1,3-Dichloropropene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260	8-16-11	8-16-11	

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Date of Report: August 17, 2011
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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-9.0**					
Laboratory ID:	08-107-21					
1,1,2-Trichloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Tetrachloroethene	0.035	0.0015	EPA 8260	8-16-11	8-16-11	
1,3-Dichloropropane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Dibromochloromethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2-Dibromoethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Chlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Bromoform	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Bromobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2,3-Trichloropropane	ND	0.0015	EPA 8260	8-16-11	8-16-11	
2-Chlorotoluene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
4-Chlorotoluene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,3-Dichlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,4-Dichlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2-Dichlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0073	EPA 8260	8-16-11	8-16-11	
1,2,4-Trichlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Hexachlorobutadiene	ND	0.0073	EPA 8260	8-16-11	8-16-11	
1,2,3-Trichlorobenzene	ND	0.0015	EPA 8260	8-16-11	8-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*88*	*63-127*				
Toluene-d8	*84*	*65-129*				
4-Bromofluorobenzene	*83*	*55-121*				

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Samples Submitted: August 11, 2011
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HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-15.0**					
Laboratory ID:	08-107-22					
Dichlorodifluoromethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Chloromethane	ND	0.0082	EPA 8260	8-15-11	8-15-11	
Vinyl Chloride	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Bromomethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Chloroethane	ND	0.0082	EPA 8260	8-15-11	8-15-11	
Trichlorofluoromethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Iodomethane	ND	0.0082	EPA 8260	8-15-11	8-15-11	
Methylene Chloride	ND	0.016	EPA 8260	8-15-11	8-15-11	
(trans) 1,2-Dichloroethene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
2,2-Dichloropropane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
(cis) 1,2-Dichloroethene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Bromochloromethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Chloroform	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1,1-Trichloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Carbon Tetrachloride	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1-Dichloropropene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2-Dichloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Trichloroethene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2-Dichloropropane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Dibromomethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Bromodichloromethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0082	EPA 8260	8-15-11	8-15-11	
(cis) 1,3-Dichloropropene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
(trans) 1,3-Dichloropropene	ND	0.0016	EPA 8260	8-15-11	8-15-11	

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HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-15.0**					
Laboratory ID:	08-107-22					
1,1,2-Trichloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Tetrachloroethene	0.056	0.0016	EPA 8260	8-15-11	8-15-11	
1,3-Dichloropropane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Dibromochloromethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2-Dibromoethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Chlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Bromoform	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Bromobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260	8-15-11	8-15-11	
2-Chlorotoluene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
4-Chlorotoluene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,3-Dichlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,4-Dichlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2-Dichlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0082	EPA 8260	8-15-11	8-15-11	
1,2,4-Trichlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Hexachlorobutadiene	ND	0.0082	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichlorobenzene	ND	0.0016	EPA 8260	8-15-11	8-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*63-127*				
Toluene-d8	*82*	*65-129*				
4-Bromofluorobenzene	*84*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-20.0**					
Laboratory ID:	08-107-23					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Chloromethane	ND	0.0055	EPA 8260	8-15-11	8-15-11	
Vinyl Chloride	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Bromomethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Chloroethane	ND	0.0055	EPA 8260	8-15-11	8-15-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Iodomethane	ND	0.0055	EPA 8260	8-15-11	8-15-11	
Methylene Chloride	ND	0.011	EPA 8260	8-15-11	8-15-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Bromochloromethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Chloroform	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Trichloroethene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Dibromomethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Bromodichloromethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260	8-15-11	8-15-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	8-15-11	8-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**IB-6-20.0**					
Laboratory ID:	08-107-23					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Tetrachloroethene	0.16	0.0011	EPA 8260	8-15-11	8-15-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Dibromochloromethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Chlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Bromoform	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Bromobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	8-15-11	8-15-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260	8-15-11	8-15-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Hexachlorobutadiene	ND	0.0055	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	8-15-11	8-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*63-127*				
Toluene-d8	*82*	*65-129*				
4-Bromofluorobenzene	*88*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
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Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0812S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloromethane	ND	0.0050	EPA 8260	8-12-11	8-12-11	
Vinyl Chloride	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromomethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloroethane	ND	0.0050	EPA 8260	8-12-11	8-12-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Iodomethane	ND	0.0050	EPA 8260	8-12-11	8-12-11	
Methylene Chloride	ND	0.010	EPA 8260	8-12-11	8-12-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chloroform	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Trichloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Dibromomethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromodichloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-12-11	8-12-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-12-11	8-12-11	

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HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0812S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Tetrachloroethene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Dibromochloromethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Chlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromoform	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Bromobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-12-11	8-12-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-12-11	8-12-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-12-11	8-12-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-12-11	8-12-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*63-127*				
Toluene-d8	*85*	*65-129*				
4-Bromofluorobenzene	*89*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0815S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Chloromethane	ND	0.0050	EPA 8260	8-15-11	8-15-11	
Vinyl Chloride	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Bromomethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Chloroethane	ND	0.0050	EPA 8260	8-15-11	8-15-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Iodomethane	ND	0.0050	EPA 8260	8-15-11	8-15-11	
Methylene Chloride	ND	0.010	EPA 8260	8-15-11	8-15-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Bromochloromethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Chloroform	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Trichloroethene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Dibromomethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Bromodichloromethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-15-11	8-15-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-15-11	8-15-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0815S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Tetrachloroethene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Dibromochloromethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Chlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Bromoform	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Bromobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-15-11	8-15-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-15-11	8-15-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-15-11	8-15-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-15-11	8-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*63-127*				
Toluene-d8	*84*	*65-129*				
4-Bromofluorobenzene	*85*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0816S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Chloromethane	ND	0.0050	EPA 8260	8-16-11	8-16-11	
Vinyl Chloride	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Bromomethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Chloroethane	ND	0.0050	EPA 8260	8-16-11	8-16-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Iodomethane	ND	0.0050	EPA 8260	8-16-11	8-16-11	
Methylene Chloride	ND	0.010	EPA 8260	8-16-11	8-16-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Bromochloromethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Chloroform	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Trichloroethene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Dibromomethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Bromodichloromethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-16-11	8-16-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-16-11	8-16-11	

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0816S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Tetrachloroethene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Dibromochloromethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Chlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Bromoform	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Bromobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-16-11	8-16-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-16-11	8-16-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-16-11	8-16-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-16-11	8-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*63-127*				
Toluene-d8	*81*	*65-129*				
4-Bromofluorobenzene	*82*	*55-121*				

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0812S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0497**	**0.0486**	0.0500	0.0500	99	97	70-130	2	19	
Benzene	**0.0460**	**0.0470**	0.0500	0.0500	92	94	70-125	2	15	
Trichloroethene	**0.0457**	**0.0436**	0.0500	0.0500	91	87	70-122	5	14	
Toluene	**0.0429**	**0.0429**	0.0500	0.0500	86	86	73-120	0	16	
Chlorobenzene	**0.0429**	**0.0417**	0.0500	0.0500	86	83	74-109	3	12	
Surrogate:										
Dibromofluoromethane					*80*	*79*	*63-127*			
Toluene-d8					*80*	*78*	*65-129*			
4-Bromofluorobenzene					*72*	*80*	*55-121*			

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0815S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0601**	**0.0578**	0.0500	0.0500	120	116	70-130	4	19	
Benzene	**0.0547**	**0.0534**	0.0500	0.0500	109	107	70-125	2	15	
Trichloroethene	**0.0527**	**0.0527**	0.0500	0.0500	105	105	70-122	0	14	
Toluene	**0.0503**	**0.0504**	0.0500	0.0500	101	101	73-120	0	16	
Chlorobenzene	**0.0474**	**0.0475**	0.0500	0.0500	95	95	74-109	0	12	
Surrogate:										
Dibromofluoromethane					*77*	*80*	*63-127*			
Toluene-d8					*77*	*81*	*65-129*			
4-Bromofluorobenzene					*77*	*83*	*55-121*			

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

HALOGENATED VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0816S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0596**	**0.0632**	0.0500	0.0500	119	126	70-130	6	19	
Benzene	**0.0552**	**0.0572**	0.0500	0.0500	110	114	70-125	4	15	
Trichloroethene	**0.0537**	**0.0545**	0.0500	0.0500	107	109	70-122	1	14	
Toluene	**0.0494**	**0.0517**	0.0500	0.0500	99	103	73-120	5	16	
Chlorobenzene	**0.0484**	**0.0484**	0.0500	0.0500	97	97	74-109	0	12	
Surrogate:										
Dibromofluoromethane					*84*	*82*	*63-127*			
Toluene-d8					*79*	*80*	*65-129*			
4-Bromofluorobenzene					*83*	*82*	*55-121*			

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Date of Report: August 17, 2011
Samples Submitted: August 11, 2011
Laboratory Reference: 1108-107
Project: 663-010

% MOISTURE

Date Analyzed: 8-12&15-11

Client ID	Lab ID	% Moisture
EB-15-4.0	08-107-02	28
EB-15-16.0	08-107-05	22
EB-15-22.5	08-107-06	16
EB-15-31.0	08-107-07	10
EB-17-5.0	08-107-08	19
EB-17-20.0	08-107-09	10
EB-17-40.0	08-107-10	11
EB-16-3.0	08-107-11	22
EB-16-10.5	08-107-12	8
EB-16-15.5	08-107-13	19
EB-16-25.0	08-107-14	6
EB-16-35.0	08-107-15	8
EB-16-45.0	08-107-16	10
EB-16-55.0	08-107-17	8
EB-16-65.0	08-107-18	10
IB-6-4.5	08-107-20	27
IB-6-9.0	08-107-21	22
IB-6-15.0	08-107-22	8
IB-6-20.0	08-107-23	16

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 663-010
Project Name: Former Allison's Norge Village
Project Manager: Don Lance
Sampled by: Ken Scott

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 08-107

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	EB-15-2.5	8/8/11	920	S	4																
2	EB-15-4.0		930	S	4						X										X
3	EB-15-5.0		935	S	4																
4	EB-15-8.0		950	S	4																
5	EB-15-16.0		1020	S	4						X										X
6	EB-15-22.5		1050	S	4						X										
7	EB-15-31.0		1110	S	4						X										
8	EB-17-5.0		1310	S	4						X										
9	EB-17-20.0		1355	S	4						X										
10	EB-17-40.0	↓	1435	S	4						X										↓

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	8/11/11	900
Received		GSE	8/11/11	1255
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

08-107

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 663-010
Project Name: Former Allison's Norge Village
Project Manager: DON LANCE
Sampled by: Ken Scott

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	EB-16-3.0	8/9/11	850	S	4						X										X
12	EB-16-10.5		920	S	4						X										
13	EB-16-15.5		938	S	4						X										
14	EB-16-25.0		1015	S	4						X										
15	EB-16-35.0		1030	S	4						X										
16	EB-16-45.0		1105	S	4						X										
17	EB-16-55.0		1135	S	4						X										
18	EB-16-65.0	↓	1220	S	4						X										↓
19	IB-6-1.5	8/10/11	935	S	4																
20	IB-6-4.5	↓	1400	S	4						X										X

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	8/11/11	900
Received		CDE	8/11/11	1255
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 08-107

Company: FARALLON
Project Number: 663-010
Project Name: Former Allison's Norge Village
Project Manager: DON LANCE
Sampled by: Ken Scott

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
21	IB-6-9.0	8/10/11	1430	S	4						X										X
22	IB-6-15.0	↓	1455	S	4						X										↓
23	IB-6-20.0	↓	1510	S	4						X										
24	EB-17-2.5	8/8/11	1300	S	4																

KS

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	8/11/11	900
Received	ORE	ORE	8/11/11	1255
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____