AECOM

2016 Annual Groundwater Monitoring Report

Shell Branded Wholesale Facility
210 NE 45th Street
Seattle, Washington

March 31, 2017

2016 Annual Groundwater Monitoring Report
Shell-Branded Wholesale Facility
210 NE 45th Street
Seattle, Washington

Prepared by Aubrey Naylor
Project Scientist

Reviewed by Renee Knecht, LG
Project Manager

Prepared for:

Washington Department of Ecology – NWRO
3190 160th Ave SE
Bellevue WA 98008

Shell Oil Products US
Soil and Groundwater Focus
Delivery Group – US Region

Prepared by:

AECOM
1111 Third Avenue
Suite 1600
Seattle WA, 98101
USA
aecom.com

Copyright © 2016 by AECOM

All rights reserved. No part of this copyrighted work may be reproduced, distributed, or transmitted in any form or by any means without the prior written permission of AECOM.

Table of Contents

Figures

Tables

Appendices

List of Acronyms

CUL	Cleanup Level
EPA	Environmental Protection Agency
MDC	Maximum detected concentration
MTCA	Model Toxics Control Act
SOPUS	Shell Oil Products US
TOC	Top of casing
TPH	Total petroleum hydrocarbons
TPH-G	Total petroleum hydrocarbons as gasoline
UST	Underground storage tank
VOC	Volatile organic compounds
µg/L	micrograms per liter

1. Introduction

AECOM was retained by Equilon Enterprises LLC dba Shell Oil Products US (SOPUS) to prepare this Annual Groundwater Monitoring Report for the Shell-Branded Service Station located at 210 NE 45th Street, Seattle, Washington (the Site, Figure 1). This report summarizes groundwater gauging and sampling activities and analytical results during the 2016 monitoring period.

2. Site Description and Background

2.1 Site Information

Address:	210 Northeast 45th Street Seattle, Washington
Facility Site ID:	14577491
VCP#:	NW2033

2.2 Current Site Conditions

The subject property is an active Shell-branded service station located at 210 NE 45th Street on the northern side of Northeast 45th St between Thackeray Place Northeast and 2nd Avenue Northeast. The facility consists of a station building located on the northern portion of the property, two centrally-located fuel dispenser islands, three 10,000 gallon gasoline underground storage tanks (USTs), and one 10,000 gallon Diesel UST; all located within a common area on the western portion of the property (CRA 2015). One 1,000 gallon heating oil UST, and one 500 gallon waste oil UST were removed from the property in January 1991. The current and former facilities are presented on Figure 2.

Currently, there are nine groundwater monitoring wells and nine vapor extraction wells associated with this Site (figures 2 and 3): six monitoring wells and nine vapor extraction wells are located on the Property and three monitoring wells are located off the Property.

3. Field Activities

This section describes the sample collection methods and field observations during semi-annual monitoring field activities. Field activities during 2016 included gauging all 18 wells present on Site, and collection of groundwater samples from 14 wells (MW-1, MW-2, MW-3, MW-6, MW-8, MW- 9, and VP-1 through VP-8); Due to traffic concerns, groundwater gauging and sampling of MW-6 during the second quarter event occurred on a separate day from other wells gauged and sampled. Samples were not collected from MW-9 during the second quarter event because there was insufficient water in the well[1]. Monitoring well locations are illustrated in Figures 2 and 3. Well screen details and monitoring objectives are summarized in Table 1.

Groundwater samples collected from the wells during the 2016 monitoring period were analyzed for total petroleum hydrocarbons (TPH), TPH as gasoline range (TPH-G), TPH as diesel range (TPH-D), TPH as oil range (TPH-O), and volatile organic compounds (VOCs): benzene, toluene, ethylbenzene, and total xylenes (BTEX). Results of analytical data are presented in Table 2.

3.1 Fluid Level Gauging

Prior to purging and sampling, depth to groundwater was measured from nine monitoring wells ,MW-1 through MW-9, and nine vapor extraction wells, VP-1 through VP-9. Groundwater levels were measured from the monitoring well top of casing (TOC) using an electronic water level meter and were recorded on the Groundwater Level Form, which is included in Appendix A.

[1] MW-9 groundwater depth was recorded from top of casing to a depth of 19.88 feet. The depth to the bottom of the well screen from ground surface is 20 feet.

Groundwater elevations (Table 3) were calculated from the surveyed TOC elevations. Using the calculated groundwater elevations, a groundwater elevation contour map was prepared based on available data (Figures 2 and 3). The groundwater flow direction across the Site during 2016 is generally to the south.

3.2 Groundwater Sampling

Blaine Tech Services, Inc. (subcontractor to AECOM) collected groundwater samples using standard low-flow sampling techniques. Low-flow sampling was accomplished using a peristaltic pump and disposable tubing. The wells were purged at a rate of 0.1 to 0.5 liters per minute. Water quality measurements, including pH, conductivity, oxidation/reduction potential, turbidity, temperature, and dissolved oxygen, were collected during the purging process of each well. Water quality parameters were measured to ensure a representative sample was taken from the groundwater formation. Stabilization of water quality parameters was determined by observing three consecutive measurements at least three to five minutes apart within ten percent of the previous measurements for specific conductance, +/- one degree Celsius for temperature, and plus or minus 0.2 standard units for pH. Samples were collected from the discharge tube into the appropriate sample containers, tightly sealed, uniquely labeled, chilled in a cooler filled with ice, and shipped to TestAmerica in in Spokane, Washington under proper chain-of-custody procedures. Copies of the monitoring well sampling field logs, which include field-measured water quality parameters, are included in Appendix A and copies of the chain of custody forms are included in Appendix B.

3.3 Decontamination

The groundwater samples were collected using dedicated and single-use equipment as well as decontaminated clean, reusable equipment. Dedicated equipment included polyethylene and silicone tubing. Single-use sampling equipment included nitrile gloves and laboratory-provided sample containers. Reusable sampling equipment consisted of a water level indicator, peristaltic pump, and YSI Pro water quality meter which were decontaminated prior to use and between wells using non-phosphate soap and deionized water solution and rinsed with distilled or deionized water.

3.4 Investigation Derived Waste

Investigation derived waste included purge and decontamination water generated during gauging and sampling activities. The water was disposed of in accordance to the Shell Residual Management Plan (SOPUS 2015) at an approved waste disposal facility.

4. Analytical Methods and Results

This section discusses the analytical methods and results for the groundwater samples.

4.1 Laboratory Data Review

Data obtained from previous consultants (i.e., pre-Oct 2015) has not been independently reviewed or verified by AECOM, unless otherwise stated in the Report. The data review included review of the chain-of-custody to ensure sample integrity was maintained by verifying that the sample receipt temperature was within an acceptable range, no evident gaps were in the custody chain, and the correct analysis was requested per the scope of work. The case narrative was reviewed to ensure that no significant issues occurred during the laboratory processes used to generate the analytical data including deviations from laboratory quality control parameters. Verification of the time between sample collection and sample extraction/digestion was evaluated based on the specific holding time for each analysis to make sure the samples were analyzed at an acceptable time to guarantee data quality. In addition, trip and laboratory blanks were evaluated to ensure the integrity of the samples. Detection limits and /or dilutions were monitored to certify the laboratory reporting limits were less than the screening criteria and dilutions resulting in non-detect results were not greater than the screening criteria. The recovery data for laboratory control samples were evaluated to ensure that the percent recoveries were within the laboratory generated control limits including spikes, matrix spikes, duplicates, and surrogates. Where issues have been identified, laboratory data has been qualified as appropriate.

4.2 Analytical Methods

Groundwater samples were analyzed for the following:

- TPH-G by Method NWTPH-Gx
- TPH-D and TPH-O by Method NWTPH-Dx
- VOCs by Environmental Protection Agency (EPA) Method 8260C

4.3 Results

All groundwater analytical results were compared to Model Toxics Control Act (MTCA) Method A groundwater cleanup levels (CULs) from Washington Administrative Code 173-340. Results for groundwater analytical data are summarized below and presented in Table 2. The laboratory analytical reports are included in Appendix B.

- TPH-O was not reported above the MTCA Method A CUL of 500 micrograms per liter (µg/L) during either of the 2016 events. The maximum detected concentration (MDC) for TPH-O was 372 µg/L reported in MW-6 during the third quarter.
- Toluene and ethylbenzene were not reported above their respective MTCA Method A CULs of 1,000 µg/L and 700 µg/L during either of the 2016 events. The (MDC) for toluene was 341 µg/L reported in VP-7 during the third quarter event. The MDC for ethylbenzene was 493 µg/L reported in MW-6 during the third quarter event.
- TPH-G was reported above the MTCA Method A CUL of 800 µg/L in samples from MW-2, MW-6, and VP-7. The MDC for TPH-G during 2016 was 8,350 J µg/L reported in VP-7 during the third quarter event.
- TPH-D was reported above the MTCA Method A CUL of 500 µg/L in samples from MW-2, MW-6, VP-3, VP-7, and VP-8. The MDC for TPH-D during 2016 was 3,300 µg/L reported in VP-3 during the third quarter event.
- Benzene was reported above the MTCA Method A CUL of 5 µg/L in samples from MW-6, VP-3, and VP-7. The MDC for benzene during 2016 was 1,990 µg/L reported in VP-7 during the third quarter event.
- Total xylenes were reported above the MTCA Method A CUL of 1,000 µg/L at a concentration of 1,460 µg/L reported in VP-7 during the third quarter.

5. Conclusions

Based on sampling results from the current monitoring well network, exceedances are limited to the central portion of the Site near the UST basin and dispenser islands, with the exception of one off site well MW-6 located downgradient across Northeast 45th Street in the right-of-way. Groundwater concentrations continue to exceed MTCA Method A CULs for TPH-G, TPH-D, benzene, and total xylenes.

6. Limitations

AECOM has prepared this Report for the sole use of Shell in accordance with the Agreement under which our services were performed. No other warranty, expressed or implied, is made as to the professional advice included in this Report or any other services provided by us. This Report may not be relied upon by any other party without the prior and express written agreement of AECOM. Unless otherwise stated in this Report, the assessments made assume that the Sites and facilities will continue to be used for their current purpose without significant change. The conclusions contained in this Report are based upon information provided by others and upon the assumption that all relevant information has been provided by those parties from whom it has been requested. Information obtained from third parties has not been independently verified by AECOM, unless otherwise stated in the Report.

7. References

CRA 2015. Site Investigation Work Plan, Shell-Branded Service Station, 210 Northeast 45th Street, Seattle, Washington, SAP Code 120877, March 2015.

SOPUS 2015. Residual Management Program. June 1.

Figures

APPROXIMATE SCALE:
1:24,000

SEATTLE NORTH, WASHINGTON USGS TOPOGRAPHIC 7.5' SERIES QUADRANGLE 1983.

O:\252111158 Shell\2016\60482000-210 NE 45th St Seattle-Seattle Server\5000 Technical\Figures\Fig 1 Site Vicinity Map.dwg Feb 07, 2017 - 9:23am

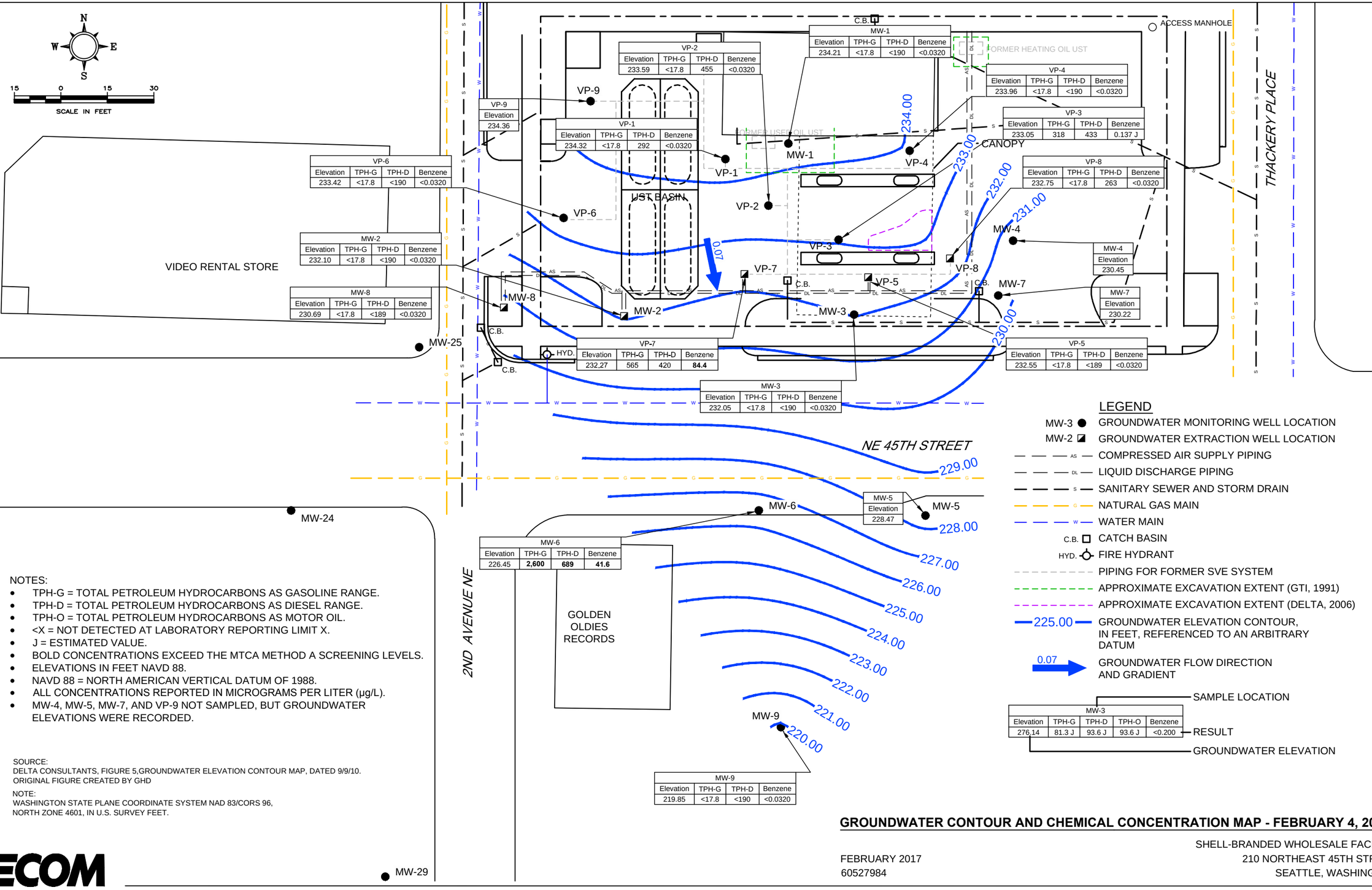
AECOM

SITE VICINITY MAP

SHELL-BRANDED WHOLESALE FACILITY
210 NORHEAST 45TH STREET
SEATTLE, WASHINGTON

FEBRUARY 2017
60527984

FIGURE 1



NOTES:

- TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE.
- TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE.
- TPH-O = TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL.
- <X = NOT DETECTED AT LABORATORY REPORTING LIMIT X.
- J = ESTIMATED VALUE.
- BOLD CONCENTRATIONS EXCEED THE MTCA METHOD A SCREENING LEVELS.
- ELEVATIONS IN FEET NAVD 88.
- NAVD 88 = NORTH AMERICAN VERTICAL DATUM OF 1988.
- ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L).
- MW-4, MW-5, MW-7, AND VP-9 NOT SAMPLED, BUT GROUNDWATER ELEVATIONS WERE RECORDED.

SOURCE:
DELTA CONSULTANTS, FIGURE 5,GROUNDWATER ELEVATION CONTOUR MAP, DATED 9/9/10.
ORIGINAL FIGURE CREATED BY GHD

NOTE:
WASHINGTON STATE PLANE COORDINATE SYSTEM NAD 83/CORS 96,
NORTH ZONE 4601, IN U.S. SURVEY FEET.

AECOM

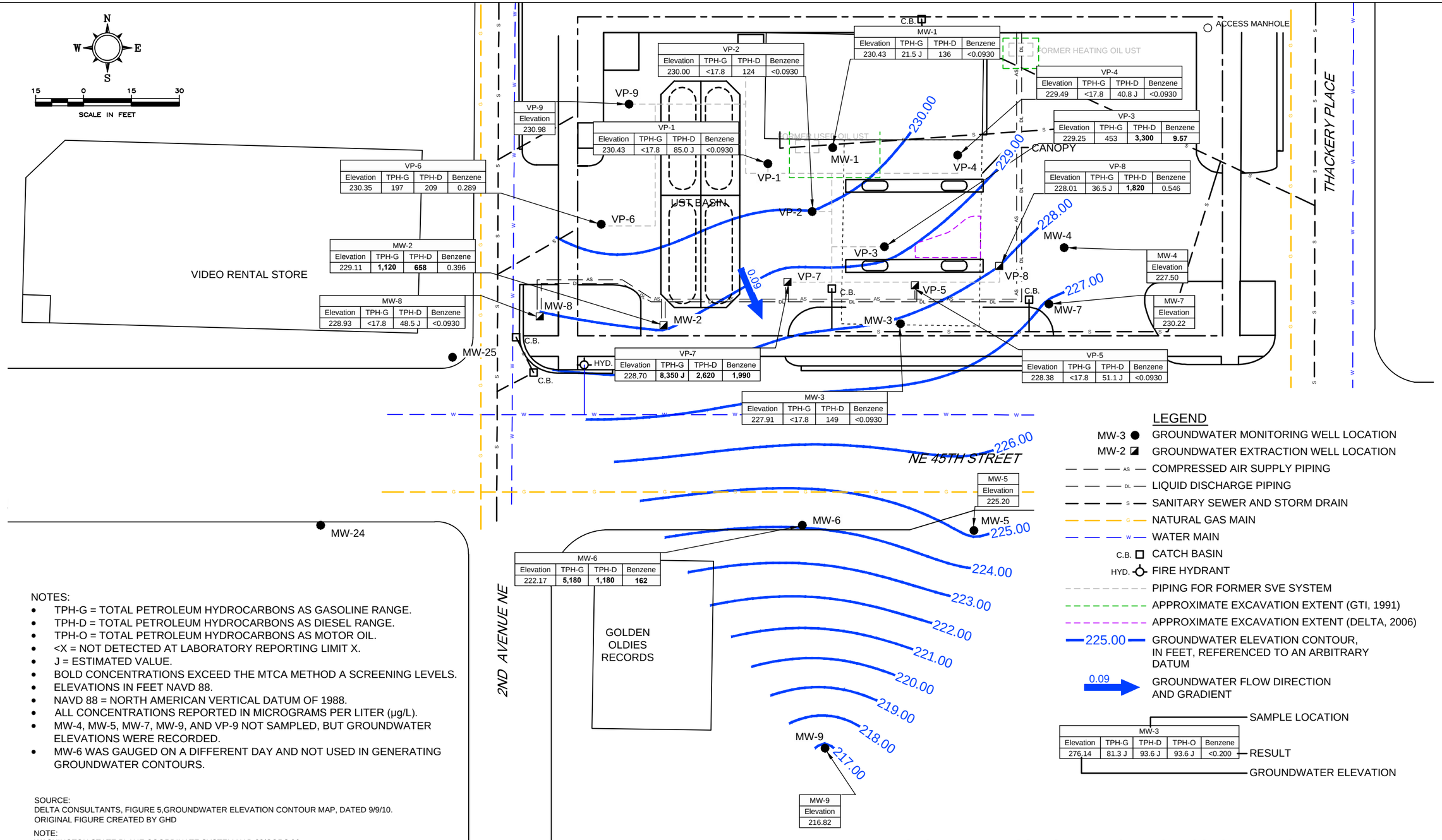
GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - FEBRUARY 4, 2016

FEBRUARY 2017
60527984

SHELL-BRANDED WHOLESALE FACILITY
210 NORTHEAST 45TH STREET
SEATTLE, WASHINGTON

FIGURE 2

O:\252111158 Shell\2016\60482000-210 NE 45th St Seattle-Seattle Server\5000 Technical\Figures\Fig 2 GW 1016.DWG Mar 30, 2017 - 3:25pm



NOTES:

- TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE.
- TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE.
- TPH-O = TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL.
- <X = NOT DETECTED AT LABORATORY REPORTING LIMIT X.
- J = ESTIMATED VALUE.
- BOLD CONCENTRATIONS EXCEED THE MTCA METHOD A SCREENING LEVELS.
- ELEVATIONS IN FEET NAVD 88.
- NAVD 88 = NORTH AMERICAN VERTICAL DATUM OF 1988.
- ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L).
- MW-4, MW-5, MW-7, MW-9, AND VP-9 NOT SAMPLED, BUT GROUNDWATER ELEVATIONS WERE RECORDED.
- MW-6 WAS GAUGED ON A DIFFERENT DAY AND NOT USED IN GENERATING GROUNDWATER CONTOURS.

SOURCE:
DELTA CONSULTANTS, FIGURE 5,GROUNDWATER ELEVATION CONTOUR MAP, DATED 9/9/10.
ORIGINAL FIGURE CREATED BY GHD

NOTE:
WASHINGTON STATE PLANE COORDINATE SYSTEM NAD 83/CORS 96,
NORTH ZONE 4601, IN U.S. SURVEY FEET.

AECOM

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - AUGUST 2, 2016

FEBRUARY 2017
60527984

SHELL-BRANDED WHOLESALE FACILITY
210 NORTHEAST 45TH STREET
SEATTLE, WASHINGTON

FIGURE 3

O:\252111158 Shell\2016\60482000-210 NE 45th St Seattle-Seattle Server\5000 Technical\Figures\Fig 3 GW 3Q16.DWG Mar 30, 2017 - 3:26pm

Tables

Table 1

Monitoring Well Details
Shell-Branded Wholesale Facility
210 Northeast 45th Street
Seattle, Washington

Monitoring Well	Status	Gauged/Sampled	Installation Date	Measuring Point Elevation (ft) NAVD 88	Well Screen Interval (ft bgs)
MW-1	Active	G,S	Feb 1991	238.63	5-15
MW-2	Active	G,S	10/22/91	237.51	5-25
MW-3	Active	G,S	10/22/91	238.26	5-15
MW-4	Active	G	10/22/91	238.33	5-15
MW-5	Active	G	10/23/91	235.98	5-20
MW-6	Active	G,S	10/23/91	236.37	5-20
MW-7	Active	G	–	237.54	–
MW-8	Active	G,S	–	238.04	–
MW-9	Active	G,S	07/25/14	236.70	5-20
VP-1	Active	G,S	02/07/91	239.33	5-15
VP-2	Active	G,S	02/07/91	238.59	5-15
VP-3	Active	G,S	02/08/91	237.86	5-15
VP-4	Active	G,S	02/08/91	238.29	5-15
VP-5	Active	G,S	02/08/91	237.93	5-25
VP-6	Active	G,S	02/08/91	238.72	5-15
VP-7	Active	G,S	02/11/91	237.80	5-15
VP-8	Active	G,S	02/11/91	237.56	5-15
VP-9	Active	G	02/11/91	240.67	5-15

Notes:
G -Well gauged
S - Well sampled
– - Well detail unknown
ft - feet
bgs - Below ground surface

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
MW-1	04/10/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	195	**3,440**	**577**	3.13	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	279	**34,600**	**4,610**	**7.18**	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	140	**6,400**	< 1,000 a	< 1	< 1	< 1	< 1	---	---	< 1	< 1	7.4	< 1	< 1	---	---	---	---
	06/25/08	160	**6,100**	< 1,000 a	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	Not Sampled - Well Dry		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	83	400	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	< 100	220	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	920	**1,200**	110	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	410	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	0.5	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/04/10	< 100	130	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
	08/17/10	< 100	210	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	189	< 96.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	**1,470**	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 96.2	< 240	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	224	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	191	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	**644**	165	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	**1,920**	287	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/27/14	< 100	153	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	103	< 93.0	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 285	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	21.5 J	136	< 60.6	< 0.0930	< 0.312	< 0.198	0.683 J	---	---	---	---	---	---	---	---	---	---	---
MW-2	04/10/97	**61,900**	**9,520**	---	**21600**	**17,600**	**905**	**5,920**	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	**46,400**	**546**	---	**8250**	**4,920**	**791**	**4,500**	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**14,400**	**3,070**	---	**1610**	**1,340**	114	**1,380**	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	656	**2,160**	---	**16**	17	1.7	26	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**7,790**	**583**	---	**247**	31	217	**1,330**	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**17,100**	**6,930**	---	**1990**	**1,350**	406	**2,600**	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	**3,680**	**1,310**	---	**75.5**	36	145	292	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	**8,560**	**3,760**	---	**423**	383	140	565	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	**1,370**	**2,810**	---	**71.5**	3.3	19	46	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**3,070**	**3,440**	---	**112**	47	49	124	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**10,500**	**68,900**	---	**191**	586	180	889	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**807**	**2,930**	---	**14.5**	75	8.1	96	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	195	**1,040**	---	**12.5**	1.7	7.2	7.4	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**8,960**	**16,000**	< 500	**58.2**	**1,190**	120	**1,490**	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	**2,180**	**3,850**	< 500	3.92	125	6.61	427	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	**1,110**	**3,570**	< 500	**10.9**	64	18	111	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	**9,260**	**5,320**	**759**	**60.4**	**1,390**	121	**1,460**	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	100	**672**	< 500	< 0.5	2.9	0.85	6.1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	148	367	< 500	1.8	18	3.0	15	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	655	< 284	< 568 a	1.87	1.7	0.65	3.4	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**6,800**	500	< 750 a	**9**	500	110	710	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750 a	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	270	< 250	< 500	4.2	2	8.6	7.5	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	**7,500**	< 250	< 500	**6.3**	920	150	**1,050**	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	**16,000**	**1,000**	< 500	**5.3**	**1,300**	380	**2,330**	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	**11,000**	**2,900**	< 500	< 5	880	280	**2,590**	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	**6,400**	**1,900**	< 500	**12**	380	150	**1,470**	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	720	370	< 500	**6**	15	2.5	230	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	**14,000**	**810**	< 1,500 a	**170**	560	**760**	**4,400**	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	< 50	< 250	< 500	< 1	< 1	2.5	7.4	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	**6,400**	**620**	< 510 a	**530**	60	360	**1,550**	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	< 50.0	414	< 481	0.916	0.525	1.79	11.0	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	769	< 236	< 472	**47**	7.34	31.1	161	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	**6,860 / 6,860**	**671 / 524**	478 / < 476	**143 / 147**	39.6 / 39.9	326 / 334	**1,840 / 1,850**	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	12/08/06	**16,800**	**976**	< 476	**309**	56.0	846	**4,540**	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	**3,900**	< 243	< 485	**62.7**	5.95	30.8	780	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**26,900**	**1,100**	< 481	**175**	48.1	**1,360**	**6,690**	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	**3,130**	< 236	< 472	**119**	17.7	350	489	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	**1,030 b**	< 238	< 476	4.62	2.83	36	292	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	620	---	---	1.1	< 1	10	169	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	**5,800**	**1,100**	< 1,000 a	**25**	34	**880**	**3,400**	---	---	< 1	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	10/01/08	**2,200**	**2,500**	< 1,000 a	**16**	6.6	220	138	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	**2,300**	**2,800**	< 2,000 a	4.3	4.6	130	490	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	**1,100**	240	< 100	1.1	2.7	38	430	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	**3,500**	< 100	< 100	0.72	5.4	300	**1,200**	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	**2,600**	**670**	< 100	2.4	4.7	300	410	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	620	220	< 100	< 0.50	< 1.0	35	170	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	2.4	6.6	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/04/10	**1,900**	**1,200**	< 100	< 0.50	1.7	250	680	---	---	< 1.0	---	---	---	---	< 1.00	---	19.7	< 0.50
	08/17/10	**4,200**	**3,300**	< 100	< 2.5	< 5.0	500	760	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	200	160	< 100	< 0.50	< 1.0	6.3	15	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	636	378	141	< 1.00	< 1.00	14.3	17.9	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	**4,100**	**804**	< 250	< 1.00	2.05	401	227	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	600	331	< 240	< 1.00	< 1.00	14.0	34.1	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	**2,440**	**878**	< 94.3	< 1.00	1.81	324	146	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	< 95.2	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	**1,680**	432	< 100	< 1.00	1.54	235	22.0	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	130	419	166	< 1.00	< 1.00	9.41	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	**2,910**	**966**	< 93.9	< 1.00	1.6	358	59.3	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	148	180	< 93.9	< 1.00	< 1.00	3.28	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	**2,480**	**609**	< 93.5	< 1.00	1.94	294	27.7	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 285	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	**1,120**	**658**	< 61.0	0.396	1.71	190	31.7	---	---	---	---	---	---	---	---	---	---	---
MW-3	04/10/97	< 50	< 250	---	0.559	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	56	281	---	**34.4**	0.66	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	89	261	---	**606**	< 0.5	< 0.5	3.36	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	< 50	273	---	**52.3**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	178	< 250	---	**786**	1.12	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	175	< 250	---	**193**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	< 50	< 250	---	**47.5**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	< 50	< 250	---	2.16	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	< 50	< 371	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	< 1	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	158	< 294	---	**9.36**	< 0.5	< 0.5	1.14	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	< 50	< 250	< 500	2.66	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	< 50	< 250	< 500	1.45	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	0.661	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	< 50	< 250	< 500	0.868	0.664	< 0.5	1.41	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	330	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	< 250	**1,500**	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	< 250	**1,300**	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	< 250	530	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	< 50	440	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	< 50.0	396	< 481	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	< 238	< 476	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	< 50.0	< 245	< 490	0.68	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	< 50.0	< 243	< 485	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 238	< 476	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	1.6	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	< 1.00	---	< 0.10	< 0.10
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 96.2	< 96.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 100	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 96.2	< 240	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	< 94.3	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	< 95.2	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	207	< 100	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	< 93.0	< 93.0	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 284	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	< 17.8	149	< 61.4	< 0.0930	< 0.312	< 0.198	< 0.162	---	---	---	---	---	---	---	---	---	---	---
MW-4	04/10/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	04/22/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	< 1.00	---	< 0.10	< 0.10
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 97.1	383	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 96.2	< 240	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	02/07/12	< 100	< 96.2	< 240	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	< 94.3	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	< 95.2	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	< 100	< 100	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/29/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	04/10/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	< 50	< 250	NA	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	590	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	310	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	2.63	---	< 0.10	< 0.10
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 95.2	**1,790**	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 100	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 95.2	< 238	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	< 94.3	489	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	< 95.2	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	< 100	< 100	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	< 93.9	136	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/29/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-6	04/10/97	55.1	< 250	---	**28.1**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	354	348	---	**49.4**	0.78	< 0.5	1.85	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	**24,100**	462	---	**6870**	**4,870**	342	**1,970**	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**18,200**	373	---	**4660**	**3,670**	304	**1,600**	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	**33,700**	**1,970**	---	**4730**	**5,190**	496	**2,600**	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**58,200**	400	---	**6160**	**8,230**	**1,190**	**6,200**	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**7,050**	< 250	---	**1780**	946	256	849	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	**2,300**	< 250	---	**868**	222	102	226	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	**18,000**	299	---	**3600**	**3,490**	488	**2,330**	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	**41,200**	272	---	**6840**	**6,590**	**1,090**	**5,300**	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**55,400**	405	---	**7780**	**8,270**	**1,350**	**6,970**	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**5,970**	< 250	---	**1370**	416	280	838	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**34,500**	295	---	**3250**	**4,430**	**1,020**	**4,990**	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	**50,300**	318	---	**5500**	**6,900**	**1,440**	**7,450**	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**22,400**	**836**	< 500	**3480**	**2,990**	**778**	**3,750**	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	**12,200**	< 250	< 500	**1660**	**1,260**	463	**1,980**	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	**18,500**	301	< 500	**3230**	**2,020**	691	**2,990**	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	**21,100**	**923**	< 500	**3580**	**1,810**	**841**	**3,920**	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	**19,700**	< 250	< 500	**2860**	**1,050**	**841**	**3,000**	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**12,800**	295	< 500	**2510**	**1,130**	458	**1,240**	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	**21,100**	330	< 500	**3930**	**2,100**	**759**	**3,300**	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/22/02	**14,000 / 15,000**	**700 / 700**	< 750 / < 750	**2,300 / 2,300**	**1,100 / 1,100**	400 / 410	**2,030 / 2,040**	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	12/03/02	**24,000**	< 250	< 750	**2500**	910	**710**	**2,830**	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	**4,200**	370	< 1,000	**1100**	48	280	600	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	**32,000**	**530**	< 500	**5500**	**1,200**	**1,300**	**4,820**	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	**19,000**	**720**	< 500	**3100**	340	**990**	**3,350**	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	**4,700**	440	< 500	**1400**	51	320	621	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	**19,000**	**570**	< 500	**3200**	**1,000**	**790**	**2,930**	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	**29,000**	**1,800**	< 500	**3900**	860	**1,000**	**4,060**	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	**29,000**	**4,800**	< 1,000 a	**4600**	350	**1,300**	**4,500**	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	**16,000**	< 250	< 500	**2100**	160	**960**	**2,460**	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	**14,000 / 14,000**	260 / 260	< 500 / < 500	**1,300 / 1,300**	210 / 200	**1,100 / 1,100**	**2,310 / 2,210**	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	**20,000**	< 250	< 500	**1800**	390	**1,500**	**3,790**	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	**19,000 / 19,000**	< 250 / 280	< 500 / < 520	**2,100 / 2,000**	320 / 320	**1,500 / 1,400**	**3,800 / 3,580**	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	12/19/05	**18,600**	425	< 485	**1790**	194	**1,410**	**2,680**	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	**8,980**	< 236	< 472	**522**	109	**745**	961	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	**21,400**	246	< 476	**1300**	557	**1,500**	**3,230**	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**26,900**	**2,000**	490	**1480**	323	**1,730**	**3,760**	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	**16,700**	257	< 472	**1890**	289	**2,060**	< 300	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	**7,870**	**681**	**1,300**	**417**	88.7	603	989	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	**12,000**	< 250	< 500	**340**	120	**930**	**1,365**	---	---	< 1	< 1	8.6	< 1	< 1	---	---	---	---
	06/25/08	**13,000**	450	**510**	**320**	140	**920**	**1,762**	---	---	< 10	---	---	---	---	---	---	---	---
	10/01/08	**11,000**	410	< 500	**330**	100	**810**	**1,323**	---	---	< 20	---	---	---	---	---	---	---	---
	12/11/08	**7,500**	< 250	< 500	**130**	61	540	892	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	**6,000**	< 100	< 100	**85**	23	370	480	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	**4,900**	< 100	< 100	**110**	41	390	500	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	**6,800**	**1,600**	< 100	**130**	25	300	440	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	**4,400**	**1,700**	< 100	**76**	17	270	270	< 0.010	< 1.0	---	---	---	---	---	---	---	---	---
	02/18/10	**4,100**	**1,700**	< 100	**100**	25	400	410	< 0.010	< 1.0	< 2.0	< 4.0	< 20	< 4.0	< 4.0	---	---	111	< 2.5
	05/05/10	**5,200**	**1,700**	150	**140**	36	610	930	---	---	< 1.0	---	---	---	---	4.51	---	38	< 1.0
	08/17/10	**4,900**	**2,300**	< 100	**150**	32	450	610	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	**4,100**	**1,800**	170	**120**	20	470	470	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	**7,650**	**1,720**	**8,160**	**81.5**	16.9	557	509	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	**13,400**	**1,170**	**834**	**418**	45.4	**816**	**1,140**	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	**4,880**	**1,100**	362	**83.8**	11.9	451	459	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	**12,000**	**1,880**	408	**184**	34.9	**857**	**1,140**	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	**5,240**	**826**	165	**89.0**	8.35	360	169	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	**2,090**	**1,230**	**513**	**171**	22.2	**792**	**1,130**	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	**6,160**	**1,150**	**1,900**	**52.2**	8.56	407	198	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	**7,990**	**1,780**	**1,570**	**167**	25.4	**923**	885	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	**5,010**	**1,160**	285	**68.1**	8.82	292	124	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	**9,510**	**1,210**	236	**148**	20.9	543	589	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	**2,600**	**689**	< 285	**41.6**	4.51	197	49.9	---	---	---	---	---	---	---	---	---	---	---
	08/09/16	**5,180**	**1,180**	372	**162**	17.4	493	437	---	---	---	---	---	---	---	---	---	---	---
MW-7	04/10/97	< 50	< 250	---	< 0.5	< 1	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	< 50	< 250	---	< 0.5	< 1	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	11/06/97	< 50	< 250	---	< 0.5	< 1	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	< 50	< 250	---	< 0.5	< 1	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	< 50	< 250	---	< 0.5	0.56	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	< 50	< 311	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	< 50	< 509 a	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	< 50	< 250	---	< 0.5	0.79	< 0.5	1.48	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	< 50	< 494	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	< 50	< 295	< 590	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	< 250	< 250	< 500	< 1	< 1	< 1	2.4	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	< 238	< 476	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	< 50.0	< 245	< 490	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	< 50.0	< 250	< 500	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	Not Sampled - Too much traffic		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/04/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/29/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	04/10/97	**1,140**	< 250	---	**854**	365	22.3	115	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	**78,300**	**7,330**	---	**16,900**	**14,100**	**1,020**	**5,130**	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	**61,500**	**775**	---	**11,400**	**15,100**	**1,110**	**6,390**	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**35,100**	**3,560**	---	**2150**	**3,700**	398	**3,790**	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	**36,300**	**4,390**	---	**6230**	**1,470**	283	**2,920**	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**209,000**	**172,000**	---	**3380**	663	247	**2,270**	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**13,100**	**23,200**	---	**764**	109	53	287	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	**4,410**	**3,010**	---	**135**	9.5	71	136	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	**2,040**	**2,460**	---	**299**	76	19	252	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	**2,430**	**1,670**	---	**462**	41	91	147	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**2,000**	**2,140**	---	**309**	34	81	108	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**858**	**2,040**	---	**9.09**	5.5	3.6	22	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**1,290**	**2,570**	---	**46.6**	4.4	4.8	19	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	**1,230**	**1,360**	---	**368**	19	40	40	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**898**	**2,210**	< 622	**172**	14	56	54	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	388	**1,720**	< 500	**38.6**	4.2	2.4	12	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	302	**1,200**	< 500	**33.4**	2.2	7.6	6.9	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	511	397	< 500	**195**	1.4	16	6.1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	273	**5,630**	**2,320**	**61.5**	< 0.5	4.3	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**1,860**	**5,160**	**1,030**	**369**	147	52	238	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	106	362	< 500	**9.75**	3.1	6.4	16	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**1,000**	**3,300**	< 7,500	**25**	2.0	46	21	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	270	< 750	3	< 1	12	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	**19**	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	300	< 250	< 500	**83**	6.1	12	34	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	**15**	< 1	6.7	6.2	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	**5**	< 1	1.2	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	< 250	< 250	< 500	**10**	< 1	19	5.1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	140	< 250	< 500	3.2	2.7	3	24.2	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	09/27/05	**800**	< 250	< 500	**28**	8.3	52	46	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	**2,910**	**552**	< 481	**331**	25.3	221	276	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0 / < 50.0	< 236 / < 236	< 472 / < 472	< 0.500 / < 0.500	< 0.500 / < 0.500	< 0.500 / < 0.500	< 1.00 / < 1.00	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	05/02/06	< 50.0	< 236	< 472	0.887	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	< 50.0	< 263	< 526	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	< 50.0	< 245	< 490	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	50.4	< 236	< 472	0.84	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 236	< 472	0.65	< 0.500	1.48	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	**790**	< 1,000 a	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	**1,100**	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	< 100	150	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	**2,400**	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.01	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	1.01	---	< 0.10	< 0.10
	08/17/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/27/14	< 100	472	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	< 100	< 93.9	< 93.9	< 1.00	< 1.00	1.28	2.66	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	< 93.0	< 93.0	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 189	< 284	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	< 17.8	48.5 J	< 60.8	< 0.0930	< 0.312	< 0.198	< 0.162	---	---	---	---	---	---	---	---	---	---	---
MW-9	07/31/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/25/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/05/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/17/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/29/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 285	< 0.0320	0.146 J	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	Insufficient water to sample		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-24	04/10/97	**2,360**	**2,930**	---	**1,560**	27	158	241	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	**10,600**	**3,860**	---	**1,980**	48	518	830	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	**6,560**	**6,290**	---	**2,400**	98	471	582	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**5,670**	**4,350**	---	**2,000**	44	473	723	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	04/29/98	**4,690**	**3,300**	---	**1,230**	21	336	433	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**3,880**	**3,160**	---	**1,470**	20	319	384	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**2,140**	**1,540**	---	**709**	< 10	161	153	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	**5,310**	**9,020**	---	**1,740**	37	470	601	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	**3,930**	**1,170**	---	**1,260**	28	427	473	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	**6,350**	**1,130**	---	**2,210**	42	579	652	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**2,980**	< 284	---	**483**	27	140	168	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**4,020**	**3,430**	---	**1,460**	28	469	438	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**4,240**	399	---	**1,340**	21	386	323	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	**3,170**	**3,110**	---	**890**	15	306	287	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**8,560**	**4,880**	**5,290**	**861**	10	273	264	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	**3,900**	**2,440**	**3,140**	**906**	21	298	299	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	**5,020**	**2,410**	**4,780**	**1,410**	< 25	458	411	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	**3,170**	**2,550**	**4,320**	**686**	11	279	267	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	**4,050**	**503**	**811**	**407**	< 10	254	241	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**3,850**	**1,510**	**2,350**	**629**	13	273	323	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	**3,750**	**1,760**	**3,320**	**670**	12	400	344	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**2,300**	< 250	< 750	**230**	4.0	130	103	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	**1,600**	< 250	< 750	**180**	< 1	89	63	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	**3,500**	**23,000**	< 12,000	**930**	19	400	300	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	**3,400**	< 250	< 500	**840**	14	400	232	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	**1,500**	< 250	< 500	**150**	3.5	99	72	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	**2,600**	320	< 500	**930**	13	300	120	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	**4,500**	**3,900**	< 2,500	**800**	13	430	160	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	**2,500**	**3,100**	**700**	**520**	7	230	97	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	**4,000**	340	**650**	**830**	15	310	140	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	**3,960**	**17,100**	**16,500**	**800**	< 50.0	341	< 300	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	574	**576**	**1,670**	1.12	< 0.500	3.32	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**3,190**	**800**	**1,040**	**587**	6.76	180	35.1	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	**2,770**	380	**1,320**	**188**	7.05	278	51.8	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	**2,940**	**2,430**	**8,010**	**297**	7.46	130	28.7	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	**3,700**	**1,200**	**3,700**	**490**	< 10	220	69	---	---	< 10	< 10	< 50	< 10	< 10	---	---	---	---
	06/25/08	**4,700**	**850**	**2,500**	**570**	11	300	77	---	---	< 10	---	---	---	---	---	---	---	---
	10/01/08	**1,000**	< 250	< 500	**25**	2	3.8	5.7	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	**2,900**	< 250	< 500	**380**	11	150	26	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	Not Sampled - Construction		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	**3,100**	< 100	< 100	**260**	< 5.0	130	23	---	---	< 5.0	< 10	< 50	< 10	< 10	---	---	---	---
	09/01/09	**8,300**	**540**	< 100	**8.3**	< 2.0	15	9.7	---	---	---	---	---	---	---	---	---	---	---
	12/04/09	**1,100**	**1,400**	**670**	**130**	2.9	90	10	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	130	< 100	< 100	**16**	< 1.0	4.8	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	1.71	< 0.10
	05/05/10	< 100	< 100	< 100	3	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	1.55	---	< 0.10	< 0.10

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/17/10	**950**	310	< 100	**58**	4.1	67	5.2	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	290	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	**3,220**	**1,590**	**9,350**	**48.3**	2.65	71.7	12.9	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	**1,900**	277	< 250	**124**	5.12	109	17.5	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	147	< 95.2	< 238	**15.1**	< 1.00	12.3	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	**1,300**	438	< 94.3	**107**	6.10	115	18.6	---	---	---	---	---	---	---	---	---	---	---
MW-25	04/10/97	246	311	---	**8.27**	3.0	29	21	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	283	353	---	**8.46**	3.3	29	18	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	< 50	< 250	---	4.18	0.59	3.3	2.3	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	< 50	< 250	---	3.76	< 0.5	1.2	1.1	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	248	< 250	---	2.48	1.4	19	12	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	304	< 250	---	**5.88**	2.8	28	16	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	172	< 250	---	0.923	2.4	19	19	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	< 50	< 250	---	< 0.5	< 0.5	< 0.55	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	53	< 250	---	< 0.5	< 0.5	3.6	2.3	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	< 50	**1,090**	---	< 0.5	< 0.5	1.2	1.3	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	77	< 250	---	1.21	< 0.5	1.1	1.5	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	168	< 473	---	0.95	1.4	15	7.8	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	< 50	< 293	< 585	< 0.5	< 0.5	0.65	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	85	< 250	< 500	< 0.5	0.67	6.8	5.6	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	< 50	< 250	< 500	< 0.5	< 0.5	1.6	1.5	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	65	< 250	< 500	< 0.5	< 0.5	3.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	234	< 250	< 500	0.754	0.84	17	14	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	2.1	2.5	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	< 250	< 250	< 500	< 1	1.2	14	2.2	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	< 250	< 250	< 500	< 1	< 1	9	1.4	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/05/05	< 250	< 250	< 500	< 1	< 1	5.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	84	< 250	< 500	< 1	< 1	2.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	53	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	54.2	< 240	< 481	< 0.500	< 0.500	0.800	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	258	< 472	< 0.500	< 0.500	0.563	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	< 50.0	< 248	< 495	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	< 50.0	< 245	< 490	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	74.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	12/27/07	< 50.0	< 236	< 472	0.63	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	54	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	---	---	< 0.10	< 0.10
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 97.1	188	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 100	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 95.2	< 238	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	135	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
MW-29	07/24/98	< 50	**559**	---	1.11	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	< 50	< 250	---	0.64	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	< 50	< 250	---	< 0.5	< 0.5	< 0.5	1.4	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	< 50	< 292	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	< 50	< 296	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	< 50	476	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 6,200	390	< 1	< 1	1.5	1.1	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	03/15/05	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	< 236	< 472	1.15	< 0.500	1.50	2.06	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	< 238	< 476	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/05/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---	---	---	---	---	< 0.10	< 0.10
	08/23/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 97.1	157	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 100	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 95.2	< 238	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	< 94.3	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
VP-1	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	260	**620**	< 500	2.4	< 1	1.2	6.6	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/04/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	< 0.10	< 0.10
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 96.2	< 96.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 97.1	< 243	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	< 98.0	< 245	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	< 100	**613**	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	109	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	285	233	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	**3,460**	455	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	< 100	195	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	< 100	115	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	**837**	122	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	292	< 286	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	< 17.8	85.0 J	< 60.7	< 0.0930	< 0.312	< 0.198	< 0.162	---	---	---	---	---	---	---	---	---	---	---
VP-2	04/10/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	202	**2,560**	< 500	**41.3**	3.5	1.2	4.6	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	334	< 240	< 481	**19.4**	0.520	1.13	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/04/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	08/17/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	160	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	136	120	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	< 100	< 100	< 250	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	166	< 240	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	< 100	195	< 94.3	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	262	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	< 100	139	< 100	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	139	322	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	< 100	115	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	< 100	140	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	**6,290**	**808**	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	455	< 284	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	< 17.8	124	< 60.8	< 0.0930	< 0.312	< 0.198	< 0.162	---	---	---	---	---	---	---	---	---	---	---
VP-3	04/10/97	**821**	**1,100**	---	**26.7**	5.5	1.05	10.6	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	**1,380**	**5,040**	---	**25**	3.58	1.32	8.6	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	**1,130**	**1,760**	---	**436**	7.89	1.82	11.7	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**1,950**	**2,230**	---	**968**	10.3	3.32	17.4	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	**3,860**	**2,100**	---	**1,820**	74.3	7.51	18.9	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**1,670**	**4,460**	---	**729**	< 10	< 10	< 20	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**6,280**	**9,910**	---	**817**	46.8	13.8	29.3	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	01/20/99	**2,890**	**1,340**	---	**259**	31.8	5.82	34.2	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	604	< 250	---	**10.5**	1.22	< 0.62	< 3.5	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	568	371	---	**12.5**	< 0.5	< 0.56	< 2.76	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**2,970**	**521**	---	**92.9**	3.28	2.5	10.3	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**7,950**	**4,840**	---	**1100**	32.2	< 25	< 50	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**4,310**	**3,680**	---	**301**	8.74	17.3	26.1	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	**4,360**	**887**	---	**271**	< 5	8.49	11.7	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**8,920**	**2,820**	< 597	**1,610**	**1,040**	53.2	222	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	**3,640**	**2,390**	< 500	**179**	24.2	8.55	< 26	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	**2,590**	**5,690**	**1,040**	**186**	< 2.5	5.76	7.8	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	**1,190**	**8,960**	**1,640**	**150**	13.4	< 2.5	6.5	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	594	**3,010**	**729**	**31.6**	0.718	< 0.50	1.81	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**4,520**	**6,790**	**1,270**	**233**	< 5	16.9	15.2	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	**3,220**	**8,730**	**2,310**	**46.2**	3.82	6.11	17.3	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**6,700**	**2,000**	< 750	**230**	3	10	9	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	700	< 250	< 750	**35**	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	**4,200**	**520**	< 500	**290**	5.2	18	5.5	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	**6,300**	**670**	< 500	**340**	< 1	17	5.2	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	**1,700**	< 250	< 500	**320**	190	1.5	29	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	**1,000**	**2,200**	< 500	**75**	12	< 1	20.1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	**2,900 / 2,800**	**3,100 / 3,700**	< 500 / < 500	**280 / 280**	15 / 14	4.7 / 4.4	15.5 / 17	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	07/07/04	710	**3,700**	< 500	**51**	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	**830**	**11,000**	< 2,500	**160**	< 1	< 1	3	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	510	**860**	< 500	**120**	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	**2,400**	**1,400**	**550**	**250**	1.5	10	7.8	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	**2,100**	**1,100**	< 500	**330**	1.5	9.1	4.5	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	**1,400**	**550**	< 500	**300**	2.1	7.4	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	**2,370 / 2,140**	**3,720 / 4,120**	< 485 / < 476	**178 / 173**	11.1 / 10.4	9.06 / 8.48	8.66 / 8.14	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	03/20/06	**2,440**	**6,360**	< 943	**160**	22.3	2.99	13	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**3,630**	**795**	< 481	**229**	1.24	11.4	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	**3,980**	**2,980**	**1,960**	**269**	0.580	12.8	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	**1,010**	**1,030**	**873**	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/05/10	610	**760**	< 100	**85**	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	2.3	< 0.10
	08/17/10	**1,500**	**1,100**	< 100	**120**	< 1.0	3.9	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	610 g	**590**	< 100	**42**	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	**1,440**	**2,070**	**918**	**55.4**	< 1.00	1.15	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/11/11	**2,490**	**1,410**	< 250	**129**	< 1.00	2.46	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	**1,730**	**2,270**	< 243	**50.3**	< 1.00	2.11	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	**1,980**	**1,980**	198	**70.2**	< 1.00	3.81	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	**1,260**	**1,430**	110	**26.0**	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	**1,300**	**1,950**	166	**13.9**	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	**1,500**	**1,670**	< 93.9	**23.3**	< 1.00	1.47	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	**908**	**2,500**	112	**13.2**	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	**868**	**2,040**	111	**17.6**	< 1.00	1.72	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	318	433	< 284	0.137 J	0.260 J	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	453	**3,300**	154 J	**9.57**	0.541 J	0.780 J	0.564 J	---	---	---	---	---	---	---	---	---	---	---
VP-4	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/04/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/07/13	**1,070**	**2,150**	100	**38.0**	< 1.00	1.17	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/02/14	< 100	< 94.3	< 94.3	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	< 100	97.5	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	< 93.0	< 93.0	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 285	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/03/16	< 17.8	40.8 J	< 60.9	< 0.0930	< 0.312	< 0.198	< 0.162	---	---	---	---	---	---	---	---	---	---	---
VP-5	04/10/97	**1,170**	**666**	---	1.99	0.569	2.41	2.93	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	174	< 250	---	**7.13**	1.85	< 0.5	1	---	---	---	---	---	---	---	---	---	---	---
	11/06/07	111	< 250	---	**88.5**	1.63	< 0.5	3.14	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	96.3	< 250	---	4.81	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	< 50	< 250	---	**23.5**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	< 50	< 250	---	**5.17**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	< 50	**2,660**	---	**74.7**	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	**2,460**	---	1.99	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	< 50	**755**	---	1.18	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	< 50	**673**	---	4.91	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	< 50	< 306	---	1.16	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	< 50	**1,330**	---	1.51	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	152	**3,410**	---	**6.86**	0.93	< 0.5	2.09	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	< 50	< 250	---	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	< 50	< 295	< 590	2.06	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	< 50	481	< 500	1.34	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	< 50	**1,360**	< 500	2.8	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	< 50	< 250	< 500	< 0.5	1.56	< 0.5	1.79	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	< 50	< 250	< 500	< 0.5	< 0.5	< 0.5	< 1	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	< 50	**1,100**	< 500	< 0.5	< 0.5	< 0.5	1.36	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	260	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	**1,100**	**1,100**	< 500	< 1	< 1	< 1	1.5	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	550 / 530	**4,800 / 1,100**	< 1,500 / < 500	< 1 / < 1	< 1 / < 1	< 1 / < 1	< 1 / < 1	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	12/13/04	< 250 / < 250	**770 / 710**	**2,400 / 2,100**	< 1 / < 1	< 1 / < 1	< 1 / < 1	< 1 / < 1	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	03/15/05	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	59 / 55	360 / 340	< 500 / < 500	< 1 / < 1	< 1 / < 1	< 1 / < 1	< 1 / < 1	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	09/27/05	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	< 236	< 472	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	< 238	< 476	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	06/27/07	50.9	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	< 50.0	< 238	< 476	1.81	< 0.500	< 0.500	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 236	< 472	**78.4**	36.0	2.21	9.49	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/04/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/13	< 100	**915**	**509**	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/25/14	< 100	**695**	< 93.9	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	< 100	< 93.9	< 93.9	< 1.00	6.34	1.17	5.01	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	< 93.0	< 93.0	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 189	< 284	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/03/16	< 17.8	51.1 J	< 62.2	< 0.0930	< 0.312	0.398 J	< 0.162	---	---	---	---	---	---	---	---	---	---	---
VP-6	04/10/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**16,900**	**3,290**	< 500	**39.9**	379	43	**2,670**	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	08/22/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**994**	< 240	< 481	**3.71**	0.770	7.27	40.8	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	< 50	< 250	< 500	< 1	< 1	< 1	< 1	---	---	< 1	< 1	< 5	< 1	< 1	---	---	---	---
	06/25/08	**4,200**	< 250	< 500	< 1	3	69	450	---	---	< 1	---	---	---	---	---	---	---	---
	10/01/08	**1,100**	< 250	< 500	1.8	4.4	75	280	---	---	< 1	---	---	---	---	---	---	---	---
	12/11/08	**6,400**	**510**	< 500	1.2	9.7	370	**1,580**	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	---	---
	05/27/09	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	**5,100**	970	< 100	1.5	5.5	180	630	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	< 100	< 100	190	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	---	---	---	---	---	---	---	---	---
	02/25/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	< 0.10	< 0.10
	05/04/10	< 100	< 100	< 100	< 0.50	< 1.0	6.0	7.5	---	---	---	---	---	---	---	---	---	< 0.10	< 0.10
	08/17/10	**5,800**	**3,600**	< 100	1.1	3.8	330	950	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	< 100	< 100	< 100	< 0.50	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	< 100	< 97.1	110	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	**4,200**	**1,060**	< 240	< 1.00	2.14	96.8	239	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	< 100	143	< 243	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	660	**676**	< 94.3	< 1.00	< 1.00	32.9	125	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	< 100	< 95.2	< 95.2	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	**4,580**	**1,280**	< 100	< 1.00	1.58	95.6	303	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	< 100	< 93.9	< 93.9	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	173	155	< 93.9	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	< 100	< 93.9	< 93.9	< 1.00	< 1.00	1.05	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	242	179	< 93.5	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	< 190	< 285	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	197	209	< 60.7	0.289	< 0.312	1.78	2.17 J	---	---	---	---	---	---	---	---	---	---	---
VP-7	04/10/97	**3,240,000**	**15,800**	---	**20,600**	**41,700**	**6,700**	**44,300**	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	07/24/97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	**67,600**	**26,900**	---	**2,590**	**3,680**	**894**	**8,830**	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	**83,100**	**15,900**	---	**9,260**	**8,550**	303	**8,380**	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	**704,000**	**94,700**	---	**557**	< 420	**1,470**	**11,100**	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	**38,400**	**14,300**	---	**3,300**	**1,480**	79	**4,550**	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	**30,900**	**68,200**	---	**6,070**	**2,530**	127	**2,350**	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	**56,200**	**4,460**	---	**9,630**	**5,970**	294	**5,740**	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	**22,800**	**24,600**	---	**1,460**	984	103	**1,740**	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	**74,800**	**27,700**	< 7,680	**11,800**	**10,100**	495	**10,600**	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	**19,500**	**16,100**	< 2,500	**1,310**	**1,470**	93	**3,000**	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	**40,200**	**10,900**	< 5,500	**6,140**	**4,780**	140	**6,250**	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	**61,900**	**41,000**	**25,700**	**11,200**	**7,790**	264	**7,690**	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	**74,200**	NA	NA	**623**	169	173	**1,200**	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	**14,900**	**44,400**	< 5,000	**1,840**	**1,270**	85	**1,210**	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	**46,200**	**58,600**	**4,040**	**2,270**	**1,840**	171	**2,080**	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**67,000**	**8,800**	< 3,800	**1,100**	**12,000**	590	**5,800**	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	**28,000**	**520**	< 750	**1,900**	**1,800**	60	**2,150**	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	**2,600**	< 250	< 500	**750**	180	41	310	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	**1,500**	300	< 500	**1,500**	110	23	141	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	590	**560**	< 500	**650**	14	7.6	50	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	**2,800**	**4,900**	< 500	**5,800**	**5,600**	220	**3,100**	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	**120,000 / 130,000**	**16,000 / 8,300**	< 2,500 / < 2,500	**19,000 / 19,000**	**18,000 / 17,000**	**1,200 / 1,100**	**11,200 / 11,200**	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---	--- / ---
	09/15/04	**66,000**	**16,000**	< 2,500 a	**11,000**	**4,100**	470	**8,300**	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	**26,000**	**6,000**	< 10,000 a	**2,700**	**2,500**	160	**3,500**	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	**32,000**	**4,000**	< 1,000 a	**6,500**	**1,600**	**410**	**5,300**	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	Sheen present in well - no sample taken.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	**39,500**	**7,600**	**935**	**2,980**	**3,070**	650	**5,400**	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	**29,500**	**1,170**	< 500	**1,790**	**1,270**	325	**2,800**	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	**87,800**	**4,850**	498	**9,300**	**8,430**	**1,210**	**10,200**	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	**58,000**	**5,600**	**1,780**	**6,640**	464	**1,160**	**10,300**	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	**10,900**	**1,200**	< 472	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	02/18/10	**2,500**	**1,100**	< 100	**60**	90	32	380	< 0.010	< 0.50	< 1.0	< 2.0	< 10	< 2.0	< 2.0	---	---	15.3	< 0.50
	05/05/10	**2,500**	**1,200**	< 100	**370**	49	62	460	---	---	---	---	---	---	---	---	---	18.7	< 0.50
	08/17/10	**18,000**	**6,100**	< 100	**2,900**	**1,600**	490	**4,400**	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	**1,900**	**600**	< 100	**250**	27	29	**230**	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	**5,370**	**8,330**	**3,670**	**451**	58.2	93.5	245	---	---	< 1.00	< 1.00	< 20.0	< 1.00	< 1.00	---	---	---	---
	08/11/11	**33,300**	**2,130**	271	**4,520**	**1,680**	541	**2,800**	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	**1,550**	**2,950**	< 240	**29.0**	14.2	6.42	88.5	---	---	< 1.00	< 1.00	11.0	< 1.00	< 1.00	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/01/12	**8,820**	**2,550**	< 94.3	**873**	547	125	**1,270**	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	**3,440**	**1,210**	< 95.2	**283**	40.0	61.3	256	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/07/13	**14,200**	**8,950**	**4,670**	**1,570**	466	154	**1,060**	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	**2,470**	**1,610**	**1,890**	**98.3**	9.80	35.6	122	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	**8,510**	**2,890**	< 93.9	**1,810**	**1,020**	138	941	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	**1,630**	**1,480**	< 93.9	**64.3**	51.1	47.5	146	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	**11,600**	**2,530**	< 93.5	**1,820**	568	339	**2,180**	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	565	420	335 J	**84.4**	18.3	18.6	21.1	---	---	---	---	---	---	---	---	---	---	---
	08/03/16	**8,350 J**	**2,620**	271	**1,990**	341	408	**1,460**	---	---	---	---	---	---	---	---	---	---	---
VP-8	04/10/97	284	**1,800**	---	< 0.5	< 0.5	< 0.5	1.4	---	---	---	---	---	---	---	---	---	---	---
	07/24/97	**977**	**3,720**	---	**8.63**	8.5	2.3	16	---	---	---	---	---	---	---	---	---	---	---
	11/06/97	**1,730**	**8,110**	---	**5.48**	4.6	2.6	16	---	---	---	---	---	---	---	---	---	---	---
	01/27/98	**1,260**	**2,920**	---	**5.28**	0.68	1.8	8.4	---	---	---	---	---	---	---	---	---	---	---
	04/29/98	**2,060**	**2,210**	---	< 0.5	< 0.5	< 0.5	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	07/28/98	**2,250**	NA	---	< 0.5	< 0.5	< 0.5	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	10/21/98	**2,610**	**7,430**	---	**9.64**	1.3	< 0.5	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	01/20/99	< 50	**1,530**	---	< 0.5	< 0.5	< 0.5	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	04/22/99	600	**1,250**	---	1.1	< 0.5	< 0.9	< 2.90	---	---	---	---	---	---	---	---	---	---	---
	07/21/99	103	**1,410**	---	< 0.5	< 0.5	< 0.5	< 1.0	---	---	---	---	---	---	---	---	---	---	---
	10/26/99	360	**1,650**	---	< 0.5	< 0.5	< 0.5	< 1.54	---	---	---	---	---	---	---	---	---	---	---
	02/23/00	788	**2,350**	---	0.695	< 0.5	< 0.5	< 3.20	---	---	---	---	---	---	---	---	---	---	---
	05/31/00	159	**2,650**	---	2.73	1.2	< 0.5	2.5	---	---	---	---	---	---	---	---	---	---	---
	08/22/00	393	**4,640**	---	< 0.64	< 0.5	< 0.5	< 2.16	---	---	---	---	---	---	---	---	---	---	---
	11/08/00	254	**3,550**	< 5,500	**9.23**	0.9	< 0.5	1.6	---	---	---	---	---	---	---	---	---	---	---
	02/14/01	180	**3,070**	< 2,500	1	< 0.5	< 0.5	< 1.05	---	---	---	---	---	---	---	---	---	---	---
	04/19/01	60	**18,600**	< 5,500	0.681	< 0.5	< 0.5	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	08/07/01	317	**2,570**	**3,320**	2.25	< 0.5	< 0.5	1.1	---	---	---	---	---	---	---	---	---	---	---
	11/01/01	619	NA	NA	< 1.25	< 1.25	< 1.25	3.9	---	---	---	---	---	---	---	---	---	---	---
	03/20/02	574	**5,000**	**8,280**	1.13	< 0.5	< 0.5	2.4	---	---	---	---	---	---	---	---	---	---	---
	05/14/02	981	**4,390**	**7,740**	3.37	3.7	1.5	10	---	---	---	---	---	---	---	---	---	---	---
	08/22/02	**2,000**	**2,300**	< 3,800	< 1	< 1	< 1	6.0	---	---	---	---	---	---	---	---	---	---	---
	12/03/02	< 250	< 250	< 750	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/11/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	260	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/17/03	< 250	**1,400**	< 500	1.9	< 1	< 1	3.1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	< 250	**1,400**	**910**	< 1	< 1	< 1	1.7	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	250	**2,500**	< 500	**6.9**	< 1	< 1	2.9	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	410	**2,000**	< 500	**9.1**	< 1	< 1	2.6	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	12/13/04	< 250	**1,200**	**710**	4	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	< 250	< 750	< 1,500	2.6	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/05	590	**880**	< 500	**11**	2	2.1	4.2	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	91.2	312	< 490	2.85	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	< 50.0	**855**	**720**	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	< 50.0	**1,040**	**924**	< 0.500	< 0.500	< 0.500	< 1.00	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	< 50.0	< 248	< 495	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	< 50.0	< 245	< 490	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	98.9	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	222	412	**580**	**7.15**	0.660	0.550	< 3.00	---	---	< 5.00	< 1.00	< 50.0	< 1.00	< 1.00	---	< 250	---	---
	12/27/07	< 50.0	< 238	< 476	**355**	171	79.8	909	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	Possible obstrucion in well		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/04/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/13	114	**4,180**	**4,970**	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/25/14	< 100	**742**	365	< 1.00	< 1.00	< 1.00	< 3.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	08/27/14	< 100	**1,040**	146	< 1.00	< 1.00	< 1.00	< 2.00	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/15	< 100	**805**	407	< 1.00	< 1.00	< 1.00	< 2.00	---	---	< 1.00	< 1.00	< 10.0	< 2.00	< 1.00	---	---	---	---
	06/29/15	< 100	**1,200**	211	< 1.00	< 1.00	< 1.00	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	< 17.8	263	< 284	< 0.0320	< 0.0380	< 0.0860	< 0.0160	---	---	---	---	---	---	---	---	---	---	---
	08/03/16	36.5 J	**1,820**	185 J	0.546	< 0.312	0.427 J	1.14 J	---	---	---	---	---	---	---	---	---	---	---
VP-9	12/03/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/06/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/12/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/16/03	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	12/1703	< 250	< 250	< 500	< 1	< 1	< 1	< 1	---	---	---	---	---	---	---	---	---	---	---
	03/23/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/07/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/13/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/13/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1
	09/27/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/19/05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/20/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/02/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/08/06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/08/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/27/07	< 50.0	< 240	< 481	< 0.500	< 0.500	< 0.500	< 3.00	---	---	---	---	---	---	---	---	---	---	---
	09/26/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/27/07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/27/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/25/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/01/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/10/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/27/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/01/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/03/09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/18/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/04/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/25/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/11/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/07/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/31/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/22/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/07/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/27/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	01/21/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/29/15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/04/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	08/02/16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2

Summary of Groundwater Monitoring Analytical Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

		Total Petroleum Hydrocarbons (µg/L)			Primary VOCs (µg/L)						Oxygenates (µg/L)					Total Metals (µg/L)		Secondary VOCs (µg/L)	
Well ID	Date	Gasoline Range	Diesel Range	Motor Oil Range	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	TAME	TBA	DIPE	ETBE	Lead	Ethanol	Naphthalenes	cPAHs
MTCA Method A Cleanup Levels		800/1000[1]	500	500	5	1000	700	1000	0.01	5	20	NE	NE	NE	NE	15	NE	160	0.1

Notes:

Model Toxics Control Act (MTCA) Cleanup Regulation, WAC 173-340. MTCA values are from Ecology website CLARC tables dated August 2015. (https://fortress.wa.gov/ecy/clarc/CLARCDataTables.aspx). Cleanup levels are used as screening levels.

Values in **bold** font indicate that the result reported meets or exceeds the MTCA Method A cleanup level.

Values underlined indicate that the laboratory reporting limit or, after October 2015, the laboratory method detection limit, exceeds MTCA Method A cleanup level.

Duplicate samples are identified in the same row separated by a slash.

Additional laboratory qualifiers can be found in reports from the laboratory.

--- - Not analyzed

< - Analyte was not detected at or above the indicated laboratory reporting limit. Non-detects prior to October, 2015 are reported as "ND" or "< [laboratory method reporting limits]". Non-detects following October, 2015 are reported as "< [laboratory method detection limits]".

bgs - below ground surface

J - Result is less than the reporting limit, but greater than or equal to the method detection limit and the concentration is an approximate value

cPAH-carcinogenic Polycyclic Aromatic Hydrocarbons

DIPE - di-isopropyl ether

EDB - 1,2-dibromoethane

EDC - 1,2-dichloroethane

ETBE - ethyl tertiary-butyl ether

MTBE - methyl tertiary-butyl ether

ND - non-detect

NE - not established

TAME - tertiary-amyl methyl ether

TBA - tertiary-butanol

µg/L - micrograms per liter

VOCs - volatile organic compounds

[1] - The cleanup level is 1000 ug/L if benzene is not present and 800 ug/L if benzene is present.

Data obtained from previous consultants (i.e., pre-Oct 2015) has not been independently reviewed or verified by AECOM, unless otherwise stated.

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
MW-1	04/10/97	5.65	88.15
93.80	11/08/00	8.99	84.81
97.77	02/14/01	8.89	88.88
	04/19/01	8.24	89.53
	08/07/01	9.26	88.51
	11/01/01	9.74	88.03
	03/20/02	7.33	90.44
	05/14/02	7.46	90.31
	08/22/02	8.45	89.32
	12/03/02	9.70	88.07
	03/06/03	8.55	89.22
	06/12/03	8.87	88.90
	09/16/03	9.76	88.01
	12/17/03	7.52	90.25
	03/23/04	6.38	91.39
	07/07/04	7.88	89.89
	09/15/04	8.64	89.13
	12/13/04	8.15	89.62
	03/15/05	7.67	90.10
	06/13/05	7.68	90.09
	09/27/05	8.90	88.87
	12/19/05	8.29	89.48
	03/20/06	5.93	91.84
	05/02/06	6.72	91.05
	12/08/06	6.15	91.62
	03/08/07	7.71	90.06
	06/27/07	7.48	90.29
	09/26/07	8.83	88.94
	12/27/07	6.49	91.28
	03/27/08	6.72	91.05
	06/25/08	7.40	90.37
	10/01/08	---	---
	12/11/08	7.81	89.96
	03/10/09	6.81	90.96
	05/27/09	6.57	91.20
	09/01/09	8.47	89.30
	12/03/09	6.61	91.16
	02/18/10	6.52	91.25

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	05/04/10	7.19	90.58
	08/17/10	7.70	90.07
	12/16/10	6.10	91.67
	02/25/11	5.67	92.10
	08/11/11	7.72	90.05
	02/07/12	6.89	90.88
	07/31/12	7.62	90.15
	01/22/13	5.17	92.60
	08/07/13	8.00	89.77
	03/24/14	5.14	92.63
	08/27/14	8.32	89.45
238.63	01/21/15	6.31	232.32
	06/29/15	7.82	230.81
	02/04/16	4.42	234.21
	08/02/16	8.20	230.43
MW-2	04/10/97	11.51	80.65
92.16	07/24/97	7.38	84.78
96.51	01/27/98	5.84	90.67
	04/29/98	8.53	87.98
	07/28/98	18.10	78.41
	10/21/98	9.36	87.15
	01/20/99	17.00	79.51
	04/22/99	12.50	84.01
	07/21/99	13.37	83.14
	10/26/99	10.35	86.16
	02/23/00	8.22	88.29
	05/31/00	8.15	88.36
	08/22/00	17.71	78.80
	11/08/00	9.00	87.51
96.67	02/14/01	8.80	87.87
	04/19/01	8.14	88.53
	08/07/01	9.24	87.43
	11/01/01	9.85	86.82
	03/20/02	12.62	84.05
	05/14/02	13.87	82.80
	08/22/02	8.62	88.05
	12/03/02	17.60	79.07
	03/06/03	17.10	79.57

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	06/11/03	17.50	79.17
	09/16/03	15.25	81.42
	12/17/03	7.45	89.22
	03/23/04	6.70	89.97
	07/07/04	8.12	88.55
	09/15/04	8.73	87.94
	12/13/04	7.94	88.73
	03/15/05	7.75	88.92
	06/13/05	7.88	88.79
	09/27/05	9.15	87.52
	12/19/05	8.36	88.31
	03/20/06	6.20	90.47
	05/02/06	6.90	89.77
MW-2	12/08/06	7.22	89.45
	03/08/07	7.78	88.89
	06/27/07	7.53	89.14
	09/26/07	10.20	86.47
	12/27/07	6.66	90.01
	03/27/08	6.88	89.79
	06/25/08	9.49	87.18
	10/01/08	10.43	86.24
	12/11/08	9.58	87.09
	03/10/09	9.02	87.65
	05/27/09	6.82	89.85
	09/01/09	8.67	88.00
	12/03/09	6.90	89.77
	02/18/10	5.80	90.87
	05/04/10	6.66	90.01
	08/17/10	7.90	88.77
	12/16/10	5.79	90.88
	02/25/11	6.09	90.58
	08/11/11	7.96	88.71
	02/07/12	6.92	89.75
	07/31/12	7.72	88.95
	08/01/12	---	---
	01/22/13	5.52	91.15
	08/07/13	8.20	88.47
	03/24/14	6.84	89.83

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	08/27/14	8.58	88.09
237.51	01/21/15	6.45	231.06
	06/29/15	8.19	229.32
	02/04/16	5.41	232.10
	08/02/16	8.40	229.11
MW-3	04/10/97	7.83	85.60
93.43	07/24/97	9.51	83.92
	11/06/97	---	---
97.23	01/27/98	7.71	89.52
	04/29/98	9.70	87.53
	07/28/98	11.67	85.56
	10/21/98	11.18	86.05
	01/20/99	9.58	87.65
	04/22/99	8.54	88.69
	07/21/99	10.32	86.91
	10/26/99	12.13	85.10
	02/23/00	9.84	87.39
	05/31/00	9.63	87.60
	08/22/00	11.34	85.89
	11/08/00	10.85	86.38
97.39	02/14/01	10.55	86.84
	04/19/01	9.96	87.43
	08/07/01	11.36	86.03
	11/01/01	11.90	85.49
	03/20/02	9.64	87.75
	05/14/02	9.51	87.88
	08/22/02	10.39	87.00
	12/03/02	11.75	85.64
	03/06/03	10.67	86.72
	06/12/03	12.29	85.10
	09/16/03	12.27	85.12
	12/17/03	9.62	87.77
	03/23/04	8.32	89.07
	07/07/04	9.88	87.51
	09/15/04	10.58	86.81
	12/13/04	10.12	87.27
	03/15/05	9.44	87.95
	06/13/05	9.61	87.78

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	09/27/05	10.86	86.53
	12/19/05	10.23	87.16
	03/20/06	7.63	89.76
	05/02/06	8.50	88.89
	12/08/06	7.80	89.59
	03/08/07	9.40	87.99
	06/27/07	9.34	88.05
	09/26/07	10.72	86.67
	12/27/07	8.25	89.14
	03/27/08	8.33	89.06
	06/25/08	9.28	88.11
	10/01/08	10.49	86.90
	12/11/08	9.57	87.82
	03/10/09	8.33	89.06
	05/27/09	8.49	88.90
	09/01/09	10.44	86.95
	12/03/09	8.62	88.77
	02/18/10	7.13	90.26
	05/05/10	8.23	89.16
	08/17/10	9.69	87.70
	12/16/10	7.44	89.95
	02/25/11	7.61	89.78
	08/11/11	9.70	87.69
	02/07/12	8.71	88.68
	07/31/12	9.46	87.93
	01/22/13	7.10	90.29
	08/07/13	10.00	87.39
	03/24/14	7.04	90.35
	08/27/14	10.31	87.08
238.26	01/21/15	7.99	230.27
	06/29/15	9.90	228.36
	02/04/16	6.21	232.05
	08/02/16	10.35	227.91
MW-4	04/10/97	6.58	86.92
93.50	07/24/97	9.50	84.00
97.31	01/27/98	7.61	89.70
	04/29/98	9.46	87.85
	07/28/98	11.66	85.65

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	10/21/98	12.01	85.30
	01/20/99	9.69	87.62
	04/22/99	7.92	89.39
	07/21/99	10.33	86.98
	10/26/99	12.96	84.35
	02/23/00	10.02	87.29
	05/31/00	10.16	87.15
	08/22/00	11.47	85.84
	11/08/00	11.41	85.90
97.47	02/14/01	11.19	86.28
	04/19/01	10.60	86.87
	08/07/01	11.89	85.58
	11/01/01	12.66	84.81
	03/20/02	8.80	88.67
	05/14/02	9.03	88.44
	08/22/02	6.29	91.18
	12/03/02	11.75	85.72
	03/06/03	10.95	86.52
	06/12/03	13.06	84.41
	09/16/03	12.82	84.65
	12/17/03	10.50	86.97
	03/23/04	8.20	89.27
	07/07/04	10.36	87.11
	09/15/04	11.38	86.09
	12/13/04	11.12	86.35
	03/15/05	9.94	87.53
	06/13/05	10.07	87.40
	09/27/05	11.55	85.92
	12/19/05	11.12	86.35
	03/20/06	7.08	90.39
	05/02/06	8.37	89.10
	12/08/06	6.88	90.59
	03/08/07	10.10	87.37
	06/27/07	9.58	87.89
	09/26/07	11.34	86.13
	12/27/07	8.31	89.16
	03/27/08	7.92	89.55
	06/25/08	9.56	87.91

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	10/01/08	10.50	86.97
	12/11/08	9.66	87.81
	03/10/09	7.40	90.07
	05/27/09	8.78	88.69
	09/01/09	11.19	86.28
	12/03/09	8.80	88.67
	02/18/10	7.26	90.21
	05/05/10	8.33	89.14
	08/17/10	10.38	87.09
	12/16/10	7.92	89.55
	02/25/11	7.35	90.12
	08/11/11	10.30	87.17
	02/07/12	9.51	87.96
	07/31/12	10.06	87.41
	01/22/13	6.67	90.80
	08/07/13	10.60	86.87
	03/24/14	7.04	90.43
	08/27/14	11.19	86.28
238.33	01/21/15	8.70	229.63
	06/29/15	10.61	227.72
	02/04/16	7.88	230.45
	08/02/16	10.83	227.50
MW-5	04/10/97	8.14	83.02
91.16	07/24/97	9.84	81.32
94.97	01/27/98	8.56	86.41
	04/29/98	10.40	84.57
	07/28/98	11.97	83.00
	10/21/98	11.78	83.19
	01/20/99	9.14	85.83
	04/22/99	9.71	85.26
	07/21/99	11.42	83.55
	10/26/99	12.65	82.32
	02/23/00	10.30	84.67
	05/31/00	10.53	84.44
	08/22/00	11.75	83.22
	11/08/00	11.11	83.86
95.11	02/14/01	10.77	84.34
	04/19/01	10.34	84.77

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	08/07/01	11.94	83.17
	11/01/01	12.46	82.65
	03/20/02	9.92	85.19
	05/14/02	9.63	85.48
	08/22/02	10.81	84.30
	12/03/02	12.11	83.00
	03/06/03	11.16	83.95
	06/12/03	12.72	82.39
	09/16/03	12.70	82.41
	12/17/03	10.31	84.80
	03/23/04	9.00	86.11
	07/07/04	10.49	84.62
	09/15/04	11.22	83.89
	12/13/04	10.80	84.31
	03/15/05	10.09	85.02
	06/13/05	10.12	84.99
	09/27/05	11.34	83.77
	12/19/05	10.81	84.30
	03/20/06	8.25	86.86
	05/02/06	9.00	86.11
	12/08/06	7.80	87.31
	03/08/07	10.22	84.89
	06/27/07	9.77	85.34
	09/26/07	11.14	83.97
	12/27/07	8.89	86.22
	03/27/08	8.87	86.24
	06/25/08	12.58	82.53
	10/01/08	13.69	81.42
	12/11/08	9.87	85.24
	03/10/09	8.92	86.19
	05/27/09	9.10	86.01
	09/01/09	10.99	84.12
	12/03/09	9.24	85.87
	02/18/10	8.26	86.85
	05/05/10	9.00	86.11
	08/17/10	10.42	84.69
	12/16/10	8.61	86.50
	02/25/11	8.51	86.60

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	08/11/11	10.44	84.67
	02/07/12	9.53	85.58
	07/31/12	10.16	84.95
	01/22/13	7.88	87.23
	08/07/13	10.50	84.61
	03/24/14	8.08	87.03
	08/27/14	10.82	84.29
235.98	01/21/15	8.97	227.01
	06/29/15	10.59	225.39
	02/04/16	7.51	228.47
	08/02/16	10.78	225.20
MW-6	04/10/97	10.85	80.70
91.55	07/24/97	12.93	78.62
	11/06/97	---	---
95.36	01/27/98	11.48	83.88
	04/29/98	12.91	82.45
	07/28/98	15.59	79.77
	10/21/98	15.78	79.58
	01/20/99	12.10	83.26
	04/22/99	12.90	82.46
	07/21/99	15.36	80.00
	10/26/99	16.45	78.91
	02/23/00	13.06	82.30
	05/31/00	13.88	81.48
	08/22/00	15.06	80.30
	11/08/00	15.40	79.96
94.51	02/14/01	14.22	80.29
	04/19/01	13.60	80.91
	08/07/01	15.02	79.49
	11/01/01	15.77	78.74
	03/20/02	12.34	82.17
	05/14/02	13.05	81.46
	08/22/02	14.51	80.00
	12/03/02	16.13	78.38
	03/06/03	13.68	80.83
	06/12/03	15.60	78.91
	09/16/03	16.08	78.43
	12/17/03	13.30	81.21

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	03/23/04	11.79	82.72
	07/07/04	14.00	80.51
	09/15/04	14.81	79.70
	12/13/04	14.35	80.16
	03/15/05	13.11	81.40
	06/13/05	13.09	81.42
	09/27/05	14.89	79.62
	12/19/05	14.09	80.42
	03/20/06	10.93	83.58
	05/02/06	11.96	82.55
	12/08/06	11.37	83.14
	03/08/07	13.25	81.26
	06/27/07	12.66	81.85
	09/26/07	14.38	80.13
	12/27/07	11.53	82.98
	03/27/08	12.73	81.78
	06/25/08	12.52	81.99
	10/01/08	13.63	80.88
	12/11/08	13.29	81.22
	03/10/09	12.36	82.15
	05/27/09	11.80	82.71
	09/01/09	14.39	80.12
	12/03/09	12.22	82.29
	02/18/10	10.94	83.57
	05/05/10	11.88	82.63
	08/17/10	13.58	80.93
	12/16/10	11.81	82.70
	02/25/11	11.01	83.50
	08/11/11	13.51	81.00
	02/07/12	12.03	82.48
	07/31/12	12.92	81.59
	08/01/12	---	---
	01/22/13	10.20	84.31
	08/07/13	13.60	80.91
	03/24/14	10.07	84.44
	08/27/14	14.04	80.47
236.37	01/21/15	11.65	224.72
	06/29/15	13.71	222.66

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	02/04/16	9.92	226.45
	08/09/16	14.20	222.17
MW-7	04/10/97	7.32	85.41
92.73	07/24/97	9.55	83.18
	11/06/97	---	---
96.23	01/27/98	7.83	88.40
	04/29/98	9.63	86.60
	07/28/98	11.01	85.22
	10/21/98	11.58	84.65
	01/20/99	9.55	86.68
	04/22/99	8.27	87.96
	07/21/99	10.22	86.01
	10/26/99	12.41	83.82
	02/23/00	9.87	86.36
	05/31/00	10.26	85.97
	08/22/00	10.96	85.27
	11/08/00	11.18	85.05
96.67	02/14/01	10.54	86.13
	04/19/01	10.11	86.56
	08/07/01	11.23	85.44
	11/01/01	11.76	84.91
	03/20/02	8.79	87.88
	05/14/02	9.12	87.55
	08/22/02	10.55	86.12
	12/03/02	11.93	84.74
	03/06/03	10.37	86.30
	06/12/03	11.93	84.74
	09/16/03	11.86	84.81
	12/17/03	10.02	86.65
	03/23/04	8.53	88.14
	07/07/04	10.23	86.44
	09/15/04	10.99	85.68
	12/13/04	10.69	85.98
	03/15/05	9.97	86.70
	06/13/05	10.02	86.65
	09/27/05	11.25	85.42
	12/19/05	10.79	85.88
	03/20/06	7.67	89.00

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	05/02/06	8.67	88.00
	12/08/06	7.86	88.81
	03/08/07	10.05	86.62
	06/27/07	9.65	87.02
	09/26/07	11.08	85.59
	12/27/07	8.83	87.84
	03/27/08	---	---
	06/25/08	8.73	87.94
	10/01/08	9.42	87.25
	12/11/08	9.50	87.17
	03/10/09	8.59	88.08
	05/27/09	8.91	87.76
	09/01/09	Dry	---
	12/03/09	8.93	87.74
	02/18/10	7.78	88.89
	05/04/10	8.66	88.01
	12/16/10	8.12	88.55
	02/25/11	7.87	88.80
	08/11/11	10.20	86.47
	02/07/12	9.47	87.20
	07/31/12	9.96	86.71
	01/22/13	7.48	89.19
	08/07/13	9.57	87.10
	03/24/14	8.62	88.05
	08/27/14	10.81	85.86
237.54	01/21/15	8.71	228.83
	06/29/15	8.99	228.55
	02/04/16	7.32	230.22
	08/02/16	10.61	226.93
MW-8	04/10/97	8.20	85.30
93.50	07/24/97	9.60	83.90
	11/06/97	---	---
97.03	01/27/98	7.51	89.52
	04/29/98	22.43	74.60
	07/28/98	22.45	74.58
	10/21/98	9.53	87.50
	01/20/99	9.19	87.84
	04/22/99	8.35	88.68

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	07/21/99	10.43	86.60
	10/26/99	10.85	86.18
	02/23/00	9.47	87.56
	05/31/00	9.51	87.52
	08/22/00	21.61	75.42
	11/08/00	9.69	87.34
97.19	02/14/01	9.39	87.80
	04/19/01	8.81	88.38
	08/07/01	21.25	75.94
	11/01/01	20.72	76.47
	03/20/02	19.51	77.68
	05/14/02	8.87	88.32
	08/22/02	9.18	88.01
	12/03/02	10.90	86.29
	03/06/03	20.70	76.49
	06/11/03	21.20	75.99
	09/16/03	20.80	76.39
	12/17/03	8.38	88.81
	03/23/04	7.95	89.24
	07/07/04	8.83	88.36
	09/15/04	9.15	88.04
	12/13/04	8.66	88.53
	03/15/05	8.62	88.57
	06/13/05	9.23	87.96
	09/27/05	9.49	87.70
	12/19/05	10.12	87.07
	03/20/06	7.74	89.45
	05/02/06	8.10	89.09
	12/08/06	7.98	89.21
	03/08/07	8.69	88.50
	06/27/07	8.51	88.68
	09/26/07	10.00	87.19
	12/27/07	7.84	89.35
	03/27/08	8.04	89.15
	06/25/08	9.24	87.95
	10/01/08	10.43	86.76
	12/11/08	9.79	87.40
	03/10/09	9.01	88.18

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	05/27/09	8.11	89.08
	09/01/09	9.26	87.93
	12/03/09	8.14	89.05
	02/18/10	15.45	81.74
	05/05/10	7.97	89.22
	08/17/10	8.74	88.45
	12/16/10	7.60	89.59
	02/25/11	7.73	89.46
	08/11/11	8.88	88.31
	02/07/12	8.19	89.00
	07/31/12	8.67	88.52
	01/22/13	6.39	90.80
	08/07/13	9.30	87.89
	03/24/14	8.33	88.86
	08/27/14	9.85	87.34
238.04	01/21/15	7.84	230.20
	01/22/15	---	---
	06/29/15	8.99	229.05
	02/04/16	7.35	230.69
	08/02/16	9.11	228.93
MW-9	07/31/14	DRY	---
94.84	08/25/14	DRY	---
	08/27/14	DRY	---
236.70	01/21/15	DRY	---
	02/18/15	DRY	---
	03/05/15	DRY	---
	03/17/15	DRY	---
	06/29/15	DRY	---
	02/04/16	16.85	219.85
	08/02/16	19.88	216.82
MW-24	04/10/97	6.56	85.51
92.07	07/24/97	7.32	84.75
	11/06/97	---	---
	01/27/98	6.26	85.81
	04/29/98	6.96	85.11
	07/28/98	8.09	83.98
	10/21/98	8.68	83.39
	01/20/99	6.47	85.60

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	04/22/99	7.87	84.20
	07/21/99	8.75	83.32
	10/26/99	9.43	82.64
	02/23/00	7.98	84.09
	05/31/00	8.48	83.59
	08/22/00	8.35	83.72
	11/08/00	8.39	83.68
96.02	02/14/01	7.78	88.24
	04/19/01	7.45	88.57
	08/07/01	8.30	87.72
	11/01/01	8.60	87.42
	03/20/02	6.86	89.16
	05/14/02	7.35	88.67
	08/22/02	8.35	87.67
	12/03/02	8.73	87.29
	03/06/03	7.32	88.70
	06/12/03	8.90	87.12
	09/16/03	10.26	85.76
	12/17/03	7.10	88.92
	03/23/04	6.98	89.04
	07/07/04	7.77	88.25
	09/15/04	8.14	87.88
	12/13/04	7.23	88.79
	03/15/05	7.54	88.48
	06/13/05	7.47	88.55
	09/27/05	8.59	87.43
	12/19/05	7.87	88.15
	03/20/06	6.72	89.30
	05/02/06	7.02	89.00
	12/08/06	7.02	89.00
	03/08/07	8.09	87.93
	06/27/07	7.57	88.45
	09/26/07	8.49	87.53
	12/27/07	7.09	88.93
	03/27/08	7.29	88.73
	06/25/08	7.84	88.18
	10/01/08	8.49	87.53
	12/11/08	9.80	86.22

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	03/10/09	---	---
	05/27/09	7.10	88.92
	09/01/09	8.67	87.35
	12/04/09	7.10	88.92
	02/18/10	6.57	89.45
	05/05/10	7.02	89.00
	08/17/10	8.10	87.92
	12/16/10	6.35	89.67
	02/25/11	6.90	89.12
	08/11/11	8.01	88.01
	02/07/12	6.75	89.27
	07/31/12	7.58	88.44
	08/01/12	---	---
MW-25	04/10/97	6.85	86.33
93.18	07/24/97	7.43	85.75
	11/06/97	---	---
96.99	01/27/98	6.09	90.90
	04/29/98	7.18	89.81
	07/28/98	8.16	88.83
	10/21/98	8.08	88.91
	01/20/99	6.05	90.94
	04/22/99	8.07	88.92
	07/21/99	8.81	88.18
	10/26/99	9.61	87.38
	02/23/00	7.73	89.26
	05/31/00	8.43	88.56
	08/22/00	8.46	88.53
	11/08/00	7.16	89.83
97.15	02/14/01	7.75	89.40
	04/19/01	7.34	89.81
	08/07/01	8.24	88.91
	11/01/01	8.03	89.12
	03/20/02	6.61	90.54
	05/14/02	7.48	89.67
	08/22/02	8.30	88.85
	12/03/02	8.44	88.71
	03/06/03	7.45	89.70
	06/12/03	9.16	87.99

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	09/16/03	8.68	88.47
	12/17/03	6.90	90.25
	03/23/04	7.17	89.98
	07/07/04	7.87	89.28
	09/15/04	8.02	89.13
	12/13/04	6.90	90.25
	03/05/05	7.65	89.50
	06/13/05	7.66	89.49
	09/27/05	8.55	88.60
	12/19/05	7.90	89.25
	03/20/06	6.93	90.22
	05/02/06	7.32	89.83
	12/08/06	7.33	89.82
	03/08/07	7.72	89.43
	06/27/07	7.83	89.32
	09/26/07	8.63	88.52
	12/27/07	7.08	90.07
	03/27/08	7.07	90.08
	06/25/08	7.93	89.22
	10/01/08	8.51	88.64
	12/11/08	8.01	89.14
	03/10/09	7.34	89.81
	05/27/09	7.36	89.79
	09/01/09	8.64	88.51
	12/03/09	7.16	89.99
	02/18/10	6.26	90.89
	05/05/10	7.19	89.96
	08/17/10	8.16	88.99
	12/16/10	6.11	91.04
	02/25/11	6.74	90.41
	08/11/11	8.14	89.01
	02/07/12	6.81	90.34
	07/31/12	7.77	89.38
MW-29	07/24/98	8.61	77.16
85.77	07/24/97	---	---
	11/06/97	---	---
89.57	01/27/98	7.14	82.43
	04/29/98	8.39	81.18

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	07/28/98	9.17	80.40
	10/21/98	9.42	80.15
	01/20/99	7.01	82.56
	04/22/99	9.18	80.39
	07/21/99	9.75	79.82
	10/26/99	10.28	79.29
	02/23/00	8.87	80.70
	05/31/00	9.56	80.01
	08/22/00	9.31	80.26
	11/08/00	8.67	80.90
89.74	02/14/01	8.52	81.22
	04/19/01	8.47	81.27
	08/07/01	9.19	80.55
	11/01/01	8.81	80.93
	03/20/02	8.07	81.67
	05/14/02	8.63	81.11
	08/22/02	9.29	80.45
	12/03/02	9.32	80.42
	03/06/03	8.49	81.25
	06/12/03	10.11	79.63
	09/16/03	9.53	80.21
	12/17/03	7.94	81.80
	03/23/04	8.39	81.35
	07/07/04	8.97	80.77
	09/15/04	9.11	80.63
	12/13/04	7.73	82.01
	03/15/05	8.63	81.11
	06/13/05	8.63	81.11
	09/27/05	9.44	80.30
	12/19/05	8.73	81.01
	03/20/06	8.18	81.56
	05/02/06	8.40	81.34
	12/08/06	---	---
	03/08/07	---	---
	06/27/07	8.57	81.17
	09/26/07	9.11	80.63
	12/27/07	7.74	82.00
	03/27/08	7.78	81.96

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	06/25/08	8.65	81.09
	10/01/08	9.12	80.62
	12/11/08	8.58	81.16
	03/10/09	8.09	81.65
	05/27/09	7.95	81.79
	09/01/09	8.85	80.89
	12/03/09	7.60	82.14
	02/18/10	7.28	82.46
	05/05/10	7.82	81.92
	08/23/10	8.89	80.85
	12/16/10	6.70	83.04
	02/25/11	7.47	82.27
	08/11/11	8.90	80.84
	02/07/12	7.68	82.06
	07/31/12	8.44	81.30
VP-1	12/03/02	10.72	87.73
98.45	03/06/03	9.26	89.19
	06/12/03	9.64	88.81
	09/16/03	11.02	87.43
	12/17/03	8.08	90.37
	03/23/04	7.14	91.31
	07/07/04	8.54	89.91
	09/15/04	9.25	89.20
	12/13/04	8.40	90.05
	03/15/05	8.36	90.09
	06/13/05	8.37	90.08
	09/27/05	9.63	88.82
	12/19/05	8.97	89.48
	03/20/06	6.66	91.79
	05/02/06	7.43	91.02
	12/08/06	6.22	92.23
	03/08/07	8.40	90.05
	06/27/07	8.22	90.23
	09/26/07	9.55	88.90
	12/27/07	7.20	91.25
	03/27/08	7.36	91.09
	06/25/08	6.52	91.93
	10/01/08	8.93	89.52

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	12/11/08	8.44	90.01
	03/10/09	7.48	90.97
	05/27/09	7.29	91.16
	09/01/09	9.18	89.27
	12/03/09	14.19	84.26
	02/18/10	6.14	92.31
	05/04/10	7.81	90.64
	08/17/10	8.39	90.06
	12/16/10	6.33	92.12
	02/25/11	6.51	91.94
	08/11/11	8.51	89.94
	02/07/12	7.46	90.99
	07/31/12	8.26	90.19
	01/22/13	6.01	92.44
	08/07/13	8.71	89.74
	03/24/14	5.98	92.47
	08/27/14	9.04	89.41
239.33	01/21/15	7.01	232.32
	06/29/15	8.69	230.64
	02/04/16	5.01	234.32
	08/02/16	8.90	230.43
VP-2	04/10/97	6.31	87.46
93.77	07/24/97	7.85	85.92
97.58	01/27/98	9.00	88.58
	04/29/98	9.55	88.03
	07/28/98	10.07	87.51
	10/21/98	9.86	87.72
	01/20/99	8.12	89.46
	04/22/99	7.09	90.49
	07/21/99	8.92	88.66
	10/26/99	12.67	84.91
	02/23/00	8.24	89.34
	05/31/00	8.46	89.12
	08/22/00	9.94	87.64
	11/08/00	9.47	88.11
97.73	02/14/01	9.19	88.54
	04/19/01	8.51	89.22
	08/07/01	9.82	87.91

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	11/01/01	10.32	87.41
	03/20/02	8.07	89.66
	05/14/02	8.06	89.67
	08/22/02	8.91	88.82
	12/03/02	10.45	87.28
	03/06/03	9.10	88.63
	06/11/03	9.38	88.35
	09/16/03	10.82	86.91
	12/17/03	7.89	89.84
	03/23/04	6.85	90.88
	07/07/04	8.28	89.45
	09/15/04	9.02	88.71
	12/13/04	8.41	89.32
	03/15/05	8.04	89.69
	06/13/05	8.09	89.64
	09/27/05	9.34	88.39
	12/19/05	8.70	89.03
	03/20/06	6.31	91.42
	05/02/06	7.09	90.64
	12/08/06	6.18	91.55
	03/08/07	8.14	89.59
	06/27/07	7.88	89.85
	09/26/07	9.23	88.50
	12/27/07	6.80	90.93
	03/27/08	7.02	90.71
	06/25/08	6.63	91.10
	10/01/08	9.45	88.28
	12/11/08	8.14	89.59
	03/10/09	7.16	90.57
	05/27/09	6.99	90.74
	09/01/09	8.89	88.84
	12/03/09	7.01	90.72
	02/18/10	6.12	91.61
	05/04/10	6.78	90.95
	08/17/10	8.09	89.64
	12/16/10	6.00	91.73
	02/25/11	6.11	91.62
	08/11/11	8.12	89.61

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	02/07/12	7.19	90.54
	07/31/12	7.92	89.81
	08/01/12	---	---
	01/22/13	5.69	92.04
	08/07/13	8.40	89.33
	03/24/14	5.60	92.13
	08/27/14	8.78	88.95
238.59	01/21/15	6.62	231.97
	06/29/15	8.29	230.30
	02/04/16	5.00	233.59
	08/02/16	8.59	230.00
VP-3	04/10/97	6.72	87.08
93.80	07/24/97	8.50	85.30
	11/06/97	---	---
97.61	01/27/98	6.66	90.95
	04/29/98	9.37	88.24
	07/28/98	11.47	86.14
	10/21/98	10.55	87.06
	01/20/99	8.66	88.95
	04/22/99	7.63	89.98
	07/21/99	9.48	88.13
	10/26/99	11.41	86.20
	02/23/00	8.88	88.73
	05/31/00	9.06	88.55
	08/22/00	11.03	86.58
	11/08/00	10.24	87.37
97.75	02/14/01	9.85	87.90
	04/19/01	9.21	88.54
	08/07/01	10.99	86.76
	11/01/01	11.52	86.23
	03/20/02	9.08	88.67
	05/14/02	8.56	89.19
	08/22/02	9.55	88.20
	12/03/02	11.14	86.61
	03/06/03	10.23	87.52
	06/12/03	10.72	87.03
	09/16/03	11.90	85.85
	12/17/03	8.66	89.09

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	03/23/04	7.44	90.31
	07/07/04	8.99	88.76
	09/15/04	9.79	87.96
	12/13/04	9.24	88.51
	03/15/05	8.70	89.05
	06/13/05	8.70	89.05
	09/27/05	10.05	87.70
	12/19/05	10.27	87.48
	03/20/06	6.81	90.94
	05/02/06	7.67	90.08
	12/08/06	---	---
	03/08/07	---	---
	06/27/07	7.76	89.99
	09/26/07	9.24	88.51
	12/27/07	6.60	91.15
	03/27/08	6.87	90.88
	06/25/08	6.05	91.70
	10/01/08	9.63	88.12
	12/11/08	7.94	89.81
	03/10/09	6.98	90.77
	05/27/09	6.90	90.85
	09/01/09	8.84	88.91
	12/03/09	6.93	90.82
	02/18/10	5.65	92.10
	05/05/10	6.68	91.07
	08/17/10	8.09	89.66
	12/16/10	5.96	91.79
	02/25/11	5.90	91.85
	08/11/11	8.20	89.55
	02/07/12	7.16	90.59
	07/31/12	7.88	89.87
	08/01/12	---	---
	01/22/13	5.42	92.33
	08/07/13	8.30	89.45
	03/24/14	5.45	92.30
	08/27/14	8.74	89.01
237.86	01/21/15	6.51	231.35
	06/29/15	8.35	229.51

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	02/04/16	4.81	233.05
	08/02/16	8.61	229.25
VP-4	12/03/02	10.64	86.60
97.24	03/06/03	9.05	88.19
	06/12/03	9.29	87.95
	09/16/03	10.98	86.26
	12/17/03	8.18	89.06
	03/23/04	6.57	90.67
	07/07/04	8.38	88.86
	09/15/04	9.31	87.93
	12/13/04	8.84	88.40
	03/15/05	8.08	89.16
	06/13/05	8.15	89.09
	09/27/05	8.56	88.68
	12/19/05	8.96	88.28
	03/20/06	5.79	91.45
	05/02/06	6.83	90.41
	12/08/06	5.90	91.34
	03/08/07	8.18	89.06
	06/27/07	7.80	89.44
	09/26/07	9.41	87.83
	12/27/07	6.70	90.54
	03/27/08	6.68	90.56
	06/25/08	7.70	89.54
	10/01/08	9.14	88.10
	12/11/08	8.01	89.23
	03/10/09	6.80	90.44
	05/27/09	6.95	90.29
	09/01/09	9.14	88.10
	12/03/09	6.83	90.41
	02/18/10	5.67	91.57
	05/04/10	6.68	90.56
	12/16/10	6.11	91.13
	02/25/11	5.83	91.41
	08/11/11	8.35	88.89
	02/07/12	7.02	90.22
	07/31/12	8.12	89.12
	01/22/13	5.83	91.41

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	08/07/13	9.52	87.72
	03/24/14	9.04	88.20
	08/27/14	9.01	88.23
	09/02/14	---	---
238.29	01/21/15	6.72	231.57
	01/22/15	---	---
	06/29/15	8.47	229.82
	02/04/16	4.33	233.96
	08/03/16	8.80	229.49
VP-5	04/10/97	6.72	86.38
93.10	07/24/97	8.81	84.29
	11/06/07	---	---
96.91	01/27/98	6.89	90.02
	04/29/98	17.92	78.99
	07/28/98	17.80	79.11
	10/21/98	10.92	85.99
	01/20/99	8.90	88.01
	04/22/99	8.89	88.02
	07/21/99	10.21	86.70
	10/26/99	11.85	85.06
	02/23/00	9.27	87.64
	05/31/00	9.32	87.59
	08/22/00	13.22	83.69
	11/08/00	10.65	86.26
97.07	02/14/01	10.15	86.92
	04/19/01	10.45	86.62
	08/07/01	17.37	79.70
	11/01/01	17.67	79.40
	03/20/02	15.56	81.51
	05/14/02	8.63	88.44
	08/22/02	9.94	87.13
	12/03/02	13.00	84.07
	03/06/03	17.20	79.87
	06/11/03	17.60	79.47
	09/16/03	14.00	83.07
	12/17/03	9.22	87.85
	03/23/04	7.72	89.35
	07/07/04	9.43	87.64

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	09/15/04	10.25	86.82
	12/13/04	9.75	87.32
	03/15/05	9.05	88.02
	06/13/05	9.30	87.77
	09/27/05	10.23	86.84
	12/19/05	8.89	88.18
	03/20/06	6.83	90.24
	05/02/06	7.70	89.37
	12/08/06	---	---
	03/08/07	---	---
	06/27/07	8.56	88.51
	09/26/07	11.61	85.46
	12/27/07	7.42	89.65
	03/27/08	7.47	89.60
	06/25/08	6.55	90.52
	10/01/08	10.01	87.06
	12/11/08	8.70	88.37
	03/10/09	8.49	88.58
	05/27/09	7.71	89.36
	09/01/09	9.84	87.23
	12/03/09	7.72	89.35
	02/18/10	6.34	90.73
	05/04/10	7.48	89.59
	12/16/10	6.84	90.23
	02/25/11	6.78	90.29
	08/11/11	9.11	87.96
	02/07/12	8.09	88.98
	07/31/12	8.82	88.25
	01/22/13	6.17	90.90
	08/07/13	9.30	87.77
	03/24/14	6.84	90.23
	03/25/14	---	---
	08/27/14	9.75	87.32
237.93	01/21/15	7.50	230.43
	01/22/15	---	---
	06/29/15	9.31	228.62
	02/04/16	5.38	232.55
	08/03/16	9.55	228.38

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
VP-6	04/10/97	6.51	87.38
93.89	07/24/97	7.74	86.15
97.69	01/27/98	6.70	90.99
	04/29/98	8.30	89.39
	07/28/98	11.10	86.59
	10/21/98	9.52	88.17
	01/20/99	6.98	90.71
	04/22/99	7.10	90.59
	07/21/99	9.60	88.09
	10/26/99	10.24	87.45
	02/23/00	8.11	89.58
	05/31/00	8.33	89.36
	08/22/00	9.88	87.81
	11/08/00	8.92	88.77
97.85	02/14/01	8.91	88.94
	04/19/01	8.14	89.71
	08/07/01	9.58	88.27
	11/01/01	9.72	88.13
	03/20/02	7.97	89.88
	05/14/02	7.86	89.99
	08/22/02	8.58	89.27
	12/03/02	9.95	87.90
	03/06/03	8.97	88.88
	06/12/03	9.23	88.62
	09/16/03	9.36	88.49
	12/17/03	7.44	90.41
	03/23/04	6.78	91.07
	07/07/04	8.05	89.80
	09/15/04	8.61	89.24
	12/13/04	7.74	90.11
	03/15/05	7.79	90.06
	06/13/05	7.86	89.99
	09/27/05	8.95	88.90
	12/19/05	8.26	89.59
	03/20/06	6.39	91.46
	05/02/06	6.99	90.86
	12/08/06	6.13	91.72
	03/08/07	7.82	90.03

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	06/27/07	7.64	90.21
	09/26/07	8.84	89.01
	12/27/07	7.03	90.82
	03/27/08	7.03	90.82
	06/25/08	7.68	90.17
	10/01/08	8.65	89.20
	12/11/08	7.98	89.87
	03/10/09	7.19	90.66
	05/27/09	6.98	90.87
	09/01/09	8.62	89.23
	12/03/09	6.93	90.92
	02/25/10	6.00	91.85
	05/04/10	6.83	91.02
	08/17/10	7.93	89.92
	12/16/10	6.00	91.85
	02/25/11	6.30	91.55
	08/11/11	8.01	89.84
	02/07/12	7.03	90.82
	07/31/12	7.79	90.06
	08/01/12	---	---
	01/22/13	6.00	91.85
	08/07/13	8.20	89.65
	03/24/14	5.87	91.98
	08/27/14	8.34	89.51
238.72	01/21/15	6.71	232.01
	01/22/15	---	---
	06/29/15	8.17	230.55
	02/04/16	5.30	233.42
	08/02/16	8.37	230.35
VP-7	04/10/97	13.32	79.84
93.16	07/24/97	10.60	82.56
96.79	01/27/98	7.69	89.10
	04/29/98	13.21	83.58
	07/28/98	13.14	83.65
	10/21/98	10.27	86.52
	01/20/99	12.75	84.04
	04/22/99	9.95	86.84
	07/21/99	12.62	84.17

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	10/26/99	11.20	85.59
	02/23/00	8.80	87.99
	05/31/00	9.08	87.71
	08/22/00	12.81	83.98
	11/08/00	9.40	87.39
96.92	02/14/01	9.58	87.34
	04/19/01	8.86	88.06
	08/07/01	11.38	85.54
	11/01/01	12.10	84.82
	03/20/02	12.18	84.74
	05/14/02	12.75	84.17
	08/22/02	9.42	87.50
	12/03/02	12.10	84.82
	03/06/03	12.75	84.17
	06/11/03	12.85	84.07
	09/16/03	11.42	85.50
	12/17/03	8.37	88.55
	03/23/04	7.17	89.75
	07/07/04	8.78	88.14
	09/15/04	9.58	87.34
	12/13/04	8.74	88.18
	03/15/05	8.45	88.47
	06/13/05	10.31	86.61
	09/27/05	9.81	87.11
	12/19/05	12.29	84.63
	03/20/06	6.61	90.31
	05/02/06	7.45	89.47
	12/08/06	6.81	90.11
	03/08/07	8.56	88.36
	06/27/07	8.30	88.62
	09/26/07	10.91	86.01
	12/27/07	7.48	89.44
	03/27/08	7.36	89.56
	06/25/08	6.54	90.38
	10/01/08	9.72	87.20
	12/11/08	9.36	87.56
	03/10/09	8.60	88.32
	05/27/09	7.32	89.60

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	09/01/09	---	---
	12/03/09	10.02	86.90
	02/18/10	6.12	90.80
	05/05/10	7.18	89.74
	08/17/10	8.52	88.40
	12/16/10	6.50	90.42
	02/25/11	6.51	90.41
	08/11/11	8.59	88.33
	02/07/12	7.51	89.41
	07/31/12	8.26	88.66
	08/01/12	---	---
	01/22/13	6.01	90.91
	08/07/13	9.39	87.53
	03/24/14	6.54	90.38
	08/27/14	9.21	87.71
237.80	01/21/15	6.81	230.99
	01/22/15	---	---
	06/29/15	8.73	229.07
	02/04/16	5.53	232.27
	08/03/16	9.10	228.70
VP-8	04/10/97	12.77	79.95
92.72	07/24/97	8.31	84.41
	11/06/97	---	---
96.52	01/27/98	7.16	89.36
	04/29/98	11.93	84.59
	07/28/98	12.41	84.11
	10/21/98	10.91	85.61
	01/20/99	8.30	88.22
	04/22/99	11.35	85.17
	07/21/99	12.41	84.11
	10/26/99	11.61	84.91
	02/23/00	12.65	83.87
	05/31/00	8.77	87.75
	08/22/00	11.79	84.73
	11/08/00	10.40	86.12
96.67	02/14/01	10.01	86.66
	04/19/01	9.35	87.32
	08/07/01	11.02	85.65

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	11/01/01	12.95	83.72
	03/20/02	12.85	83.82
	05/14/02	12.89	83.78
	08/22/02	9.52	87.15
	12/03/02	12.50	84.17
	03/06/03	17.20	79.47
	06/11/03	12.80	83.87
	09/16/03	12.78	83.89
	12/17/03	9.17	87.50
	03/23/04	7.15	89.52
	07/07/04	9.06	87.61
	09/15/04	10.04	86.63
	12/13/04	9.74	86.93
	03/15/05	8.72	87.95
	06/13/05	DRY	---
	09/27/05	10.24	86.43
	12/19/05	11.13	85.54
	03/20/06	6.17	90.50
	05/02/06	7.31	89.36
	12/08/06	6.40	90.27
	03/08/07	8.88	87.79
	06/27/07	8.34	88.33
	09/26/07	11.20	85.47
	12/27/07	7.13	89.54
	03/27/08	6.84	89.83
	06/25/08	6.03	90.64
	10/01/08	9.12	87.55
	12/11/08	9.36	87.31
	03/10/09	7.35	89.32
	05/27/09	7.50	89.17
	09/01/09	---	---
	12/03/09	7.45	89.22
	02/18/10	6.04	90.63
	05/04/10	7.11	89.56
	12/16/10	6.71	89.96
	02/25/11	6.18	90.49
	08/11/11	9.00	87.67
	02/07/12	7.94	88.73

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	07/31/12	8.76	87.91
	01/22/13	6.25	90.42
	08/07/13	9.20	87.47
	03/24/14	6.40	90.27
	03/25/14	---	---
	08/27/14	9.76	86.91
237.56	01/21/15	7.35	230.21
	01/22/15	---	---
	06/29/15	9.25	228.31
	02/04/16	4.81	232.75
	08/03/16	9.55	228.01
VP-9	12/03/02	11.22	88.59
99.81	03/06/03	9.70	90.11
	06/12/03	10.09	89.72
	09/16/03	11.42	88.39
	12/1703	8.63	91.18
	03/23/04	7.93	91.88
	07/07/04	9.31	90.50
	09/15/04	9.93	89.88
	12/13/04	9.01	90.80
	03/15/05	9.01	90.80
	06/13/05	9.01	90.80
	09/27/05	10.23	89.58
	12/19/05	9.40	90.41
	03/20/06	7.50	92.31
	05/02/06	8.15	91.66
	12/08/06	7.39	92.42
	03/08/07	9.67	90.14
	06/27/07	8.89	90.92
	09/26/07	10.11	89.70
	12/27/07	7.94	91.87
	03/27/08	8.13	91.68
	06/25/08	7.44	92.37
	10/01/08	9.51	90.30
	12/11/08	9.20	90.61
	03/10/09	8.29	91.52
	05/27/09	8.12	91.69
	09/01/09	9.87	89.94

Table 3

Summary of Groundwater Monitoring Elevation Data
Shell-Branded Service Station
210 NE 45th Street
Seattle, Washington

Well ID TOC (feet)[1]	Date	DTW (feet bgs)	GWE (feet NAVD 88)
	12/03/09	8.00	91.81
	02/18/10	7.02	92.79
	05/04/10	7.93	91.88
	12/16/10	6.94	92.87
	02/25/11	7.30	92.51
	08/11/11	9.27	90.54
	02/07/12	8.21	91.60
	07/31/12	9.04	90.77
	01/22/13	6.47	93.34
	08/07/13	9.29	90.52
	03/24/14	8.72	91.09
	08/27/14	9.65	90.16
240.67	01/21/15	7.71	232.96
	06/29/15	9.41	231.26
	02/04/16	6.31	234.36
	08/02/16	9.69	230.98

Notes:
Groundwater elevations are calculated based on reported depth to water and the corresponding surveyed evelation of top of casing (TOC).

--- - not measured

ft - feet

bgs - below ground surface

DTW - depth to water

GWE - groundwater elevation

[1] - Wells were resurveyed on January 27, 1998, February 14, 2001, and January 21, 2015

Appendix A Groundwater Sampling Field Forms

WELL GAUGING DATA

Project # 160204-LB1 Date 2/4/16 Client AECOM

Site 710 NE 45TH St, Seattle, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0717	2					4.42	6.48		
MW-2	0803	4					5.41	20.45		
MW-3	0754	4					6.21	13.21		
MW-4	0736	4					7.68	14.56		
MW-5	0828	4					7.51	19.60		
MW-6	1113	4					9.92	19.30		
MW-7	0740	4					7.32	24.18		
MW-8	0819	4					7.35	17.61		
MW-9	0834	1/2					16.85	20.02		
VP-1	0721	4					5.01	14.21		
VP-2	0728	4					5.00	13.68		
VP-3	0732	4					4.81	13.36		
VP-4	0725	4					4.33	13.56		
VP-5	0749	4					5.38	16.59		
VP-6	0814	4					5.30	13.71		
VP-7	0758	4					5.53	10.99		
VP-8	0744	4					4.81	10.63		

WELL GAUGING DATA

Project # 160204-481 Date 2/4/16 Client AECOM

Site 210 NE 45TH St. SEATTLE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
VP-9	0810	4					6.31	9.81	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 6.48	Depth to Water (ft.): 4.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ____

Start Purge Time: 0845 | Flow Rate: 100 mL/min | Pump Depth: 6'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0851	11.83	6.64	620	10	1.68	105.8	600	4.45
0854	11.85	6.63	624	7	1.58	91.6	900	4.45
0857	11.90	6.63	627	5	1.55	86.4	1200	4.45
0900	11.92	6.62	628	5	1.53	85.6	1500	4.45
0903	11.93	6.61	630	6	1.52	84.2	1800	4.45

Did well dewater? Yes (NO)	Amount actually evacuated: 1.8L
Sampling Time: 0904	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020616-LB-MW-1	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Others: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-CB1	Client: AECOM
Sampler: CP	Gauging Date: 2/4/16
Well I.D.: MW-2	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 20.45	Depth to Water (ft.): 5.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump

Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1253 Flow Rate: 100 mL/min Pump Depth: 8'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1259	11.05	6.01	109	35	12.57	41.6	600	5.45
1302	11.18	5.99	113	25	12.46	38.9	900	5.45
1305	11.24	5.98	112	17	12.41	37.6	1200	5.45
1308	11.26	5.97	113	14	12.38	35.9	1500	5.45
1311	11.15	5.95	115	11	12.40	33.8	1800	

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1312 Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-CP-MW-2 Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: MW-3	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 13.21	Depth to Water (ft.): 6.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 0949 Flow Rate: 100 mL/min Pump Depth: 9'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0955	11.48	6.37	331	75	1.76	112.9	600	6.22
0958	11.49	6.34	333	63	1.71	109.9	900	6.22
1001	11.46	6.32	334	41	1.68	107.9	1200	6.22
1004	11.49	6.31	335	40	1.67	106.2	1500	6.22
1007	11.51	6.30	336	41	1.66	105.9	1800	6.22

Did well dewater? Yes (NO)	Amount actually evacuated: 1.8L
Sampling Time: 1008	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020416-LB-MW3	Laboratory: TA
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: CP	Gauging Date: 2/4/16
Well I.D.: MW-6	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 19.30	Depth to Water (ft.): 9.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1116 Flow Rate: 100 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1122	12.11	6.72	269	15	11.54	19.8	600	10.05
1125	12.40	6.72	270	9	11.27	20.2	900	10.05
1128	12.40	6.72	264	8	11.22	20.3	1200	10.05
1131	12.55	6.72	260	7	11.16	18.9	1500	10.05
1134	12.52	6.72	260	8	11.18	19.7	1800	10.05

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1135	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020416-CP-MW-6	Laboratory: TA
Analyzed for: (TPH-G) BTEX MTBE (TPH-D)	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-CB1	Client: AECOM
Sampler: CP	Gauging Date: 2/4/16
Well I.D.: MW-8	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 17.61	Depth to Water (ft.): 7.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1201 Flow Rate: 100 mL/min Pump Depth: 10

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1207	10.91	6.91	285	5	12.75	43.9	600	7.45
1210	11.03	6.89	283	4	12.60	39.0	900	7.45
1213	11.03	6.89	284	4	12.60	37.5	1200	7.45
1216	11.06	6.89	284	5	12.58	37.2	1500	7.45
1219	11.08	6.89	284	6	12.57	35.1	1800	7.45

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1220 Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-CP-MW-8 Laboratory: TA

Analyzed for: ~~TPH-G~~ (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-181	Client: AECOM
Sampler: CP	Gauging Date: 2/4/16
Well I.D.: MW-9	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 20.02	Depth to Water (ft.): 16.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1040 Flow Rate: 100 ml/min Pump Depth: 18.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1046	12.62	6.31	809	15	11.07	32.0	600	16.95
1049	12.59	6.31	810	14	11.10	37.5	900	16.95
1052	12.58	6.30	806	13	11.09	42.1	1200	16.95
1055	12.59	6.29	800	13	11.10	40.4	1500	16.95
1058	12.57	6.28	793	11	11.11	40.4	1800	16.95

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1100	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020416-CP-MW-9	Laboratory: TA
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D)	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-1	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 14.21	Depth to Water (ft.): 5.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ____

Start Purge Time: 1218 | Flow Rate: 100 mL/MIN | Pump Depth: 8'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1224	11.50	6.86	76	560	1.17	-182.7	600	5.03
1227	11.69	6.78	72	507	1.13	-184.0	900	5.03
1230	11.75	6.73	74	509	1.11	-185.4	1200	5.03
1233	11.76	6.72	75	508	1.10	-187.1	1500	5.03
1236	11.78	6.71	76	509	1.09	-188.6	1800	5.03

Did well dewater? Yes (NO) | Amount actually evacuated: 1.8L

Sampling Time: 1237 | Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-LB-VP-1 | Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) | Other: SEE COC

Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-2	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.68	Depth to Water (ft.): 5.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 1249 Flow Rate: 100 mL/min Pump Depth: 8'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1254	11.98	6.25	230	84	1.23	-103.4	600	5.02
1257	12.08	6.26	230	41	1.21	-108.8	900	5.02
1300	12.18	6.28	232	25	1.19	-111.6	1200	5.02
1303	12.21	6.29	233	26	1.18	-112.4	1500	5.02
1306	12.22	6.31	234	25	1.17	-113.9	1800	5.02

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1307 Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-LB-VP-2 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE TRPH-D Other: SEE COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-3	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 13.36	Depth to Water (ft.): 4.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 1130 Flow Rate: 100 mL/min Pump Depth: 7.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1136	12.16	6.40	596	43	1.73	-113.2	600	4.81
1139	12.26	6.38	599	41	1.68	-114.6	900	4.81
1142	12.33	6.37	599	40	1.65	-116.9	1200	4.81
1145	12.35	6.36	598	39	1.64	-117.2	1500	4.81
1148	12.38	6.35	597	40	1.68	-118.4	1800	4.81

Did well dewater? Yes (NO)	Amount actually evacuated: ~~1149~~ 1.8L
Sampling Time: 1149	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020416-LB-VP-3	Laboratory: TA
Analyzed for: TPH-G (BTEX) MTBE TRPH-D	Other: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-4	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 13.56	Depth to Water (ft.): 4.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 1052 Flow Rate: 100 mL/MIN Pump Depth: 7'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1058	11.80	6.31	651	14	1.27	99.1	600	4.34
1101	11.91	6.35	655	10	1.20	85.3	900	4.34
1104	11.93	6.37	660	11	1.19	80.9	1200	4.34
1107	11.96	6.38	659	10	1.18	79.2	1500	4.34
1110	11.98	6.39	657	10	1.17	78.6	1800	4.34

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1111 Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-LB-VP-4 Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Others: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-5	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 16.59	Depth to Water (ft.): 5.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic (Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ____

Start Purge Time: 1016 | Flow Rate: 100 mL/MIN | Pump Depth: 8'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1022	11.74	6.41	234	18	1.83	89.8	600	5.38
1025	11.82	6.41	236	11	1.79	80.2	900	5.39
1028	11.86	6.40	235	9	1.73	79.2	1200	5.39
1031	11.89	6.40	234	8	1.72	78.6	1500	5.39
1034	11.92	6.39	232	9	1.71	77.6	1800	5.39

Did well dewater? Yes (NO) | Amount actually evacuated: 1.8L

Sampling Time: 1035 | Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-LB-VP-5 | Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) | Other: SEE COC

Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: CP	Gauging Date: 2/4/16
Well I.D.: VP-6	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.71	Depth to Water (ft.): 5.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 1329 Flow Rate: 100 mL/min Pump Depth: 8'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1335	10.94	6.33	185	10	12.68	35.2	600	5.49
1338	11.03	6.33	186	9	12.60	31.2	900	5.49
1341	11.06	6.33	186	10	12.59	29.0	1200	5.49
1344	11.11	6.33	187	8	12.48	27.0	1500	5.49
1347	11.16	6.33	189	8	12.53	28.1	1800	5.49

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1348 Sampling Date: 2/4/16

Sample I.D.: GW-000493-020416-CP-VP-6 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-181	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-7	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 10.99	Depth to Water (ft.): 5.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump

Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 1317 Flow Rate: 100 mL / MIN Pump Depth: 8.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1323	11.74	6.37	88	65	0.80	-183.0	600	5.54
1326	11.77	6.30	4589	45	0.79	-188.3	900	5.54
1329	11.82	6.27	90	40	0.76	-190.4	1200	5.54
1332	11.83	6.26	91	39	0.75	-191.2	1500	5.54
1335	11.86	6.25	91	38	0.74	-192.8	1800	5.54

Did well dewater? Yes (NO)	Amount actually evacuated: 1.8L
Sampling Time: 1336	Sampling Date: 2/4/16
Sample I.D.: GW-060493-020416-LB-VP7	Laboratory: TA
Analyzed for: TPHG (BTEX) MTBE (TPH-D)	Other: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160204-LB1	Client: AECOM
Sampler: LB	Gauging Date: 2/4/16
Well I.D.: VP-8	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 10.63	Depth to Water (ft.): 4.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 0918 Flow Rate: 100 mL/min Pump Depth: 7.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0924	11.08	6.37	694	33	1.66	32.1	600	4.82
0927	11.05	6.33	679	15	1.60	30.4	900	4.82
0930	11.03	6.31	672	14	1.58	29.5	1200	4.82
0933	11.00	6.29	671	13	1.56	28.4	1500	4.82
0936	11.01	6.28	669	12	1.55	27.1	1800	4.82

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0937 Sampling Date: 2/4/16

Sample I.D.: GW-060493-020416-LB-VP-8 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)

☐ ACCUTEST (_____)
☐ CALSCIENCE (_____)
☑ TESTAMERICA (_____)
☐ Other (_____)

Lab Vendor # 1384509 (TestAmerica)

Please Check Appropriate Box:

☐ GW FDG	☐ PIPELINE	☑ RETAIL
☐ CHEMICALS	☐ CONSULTANT	☐ LUBES
☐ TRANSPORTATION	☐ OTHER _____	

Print Bill To Contact Name: Renee Knecht

PO. #

PlaNet Site or Project ID

GSAP Project ID

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/4/16

PAGE: 1 of _____

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle

State: WA

AECOM Project / Task Number:

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

SAMPLER NAME(S) (Print): L. Bures / C. Peters

LAB USE ONLY

TELEPHONE: 206-438-2371

FAX:

Bill To Contact E-MAIL: renee.knecht@aecom.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 7 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C° Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST

NON-UNIT COST

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-55 BTEX	51 LAB-123 - WA NWTPH-Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-35 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-G	WA - NWTPH-Dx	5 Oxygenates	
	GW1-060493-020416-LB-MW1	2/4/16	0904	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW2		1312	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-MW3		1008	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW6		1135	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW8		1220	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW9		1100	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP1		1237	WG	Y					8	X	X							X	X	X	
	GW-060493-020416-LB-VP2		1307	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP3		1149	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP4	↓	1111	WG	X					8	X	X							X	X	X	

Relinquished by: (Signature)

Received by: (Signature) SHIPPED VIA FEDEX

Date: 2/4/16 Time:

Relinquished by: (Signature)

Received by: (Signature)

Date: Time:

Relinquished by: (Signature)

Received by: (Signature)

Date: Time:

Version: 14Dec15

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
- ☐ ACCUTEST (_____)
- ☐ CALSCIENCE (_____)
- ☑ TESTAMERICA (_____)
- ☐ Other (_____)

Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box:
- ☐ GW FDG
- ☐ PIPELINE
- ☑ RETAIL
- ☐ CHEMICALS
- ☐ CONSULTANT
- ☐ UBES
- ☐ TRANSPORTATION
- ☐ OTHER _____

Print Bill To Contact Name: Renee Knecht

PO #:

PlaNet Site or Project ID:

GSAP Project ID:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/4/16

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

EDF To Contact E-MAIL: renee.knecht@aecom.com

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle

State: WA

AECOM Project / Task Number:

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID

SAMPLER NAME(S) (Print): L. Bures / C. Peters

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST

NON-UNIT COST

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-55 BTEX	SM LAB-123 - VOA NW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-36 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-D	VOA - NWTPH-Gx	5 Oxygenates
	GW-060493-020416-LB-VP5	2/4/16	1035	WG	X					8	X	X							X	X	X
	GW-060493-020416-CP-VP6	↓	1348	WG	X					8	X	X							X	X	X
	GW-060493-020416-LB-VP7		1330	WG	X					8	X	X							X	X	X
	GW-060493-020416-LB-VP8	↓	0937	WG	X					8	X	X							X	X	X

Relinquished by: (Signature)

Received by: (Signature) SHIPPED VIA FEDEX

Date: 2/4/16 Time:

Relinquished by: (Signature)

Received by: (Signature)

Date: Time:

Relinquished by: (Signature)

Received by: (Signature)

Date: Time:

Version: 14Dec15

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 918806622 ADDRESS 210 NE 45TH ST

DATE: 2/4/16 CITY & STATE SEATTLE, WA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1	Standpipe	Flush	G	P	Size (inch) 8	G	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
MW-2	Standpipe	Flush	G	P	Size (inch) 24	G	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
MW-3	Standpipe	Flush	G	P	Size (inch) 12	G	N	G	R	G	R	NL	G	P	2/2 TABS STRIPPED	Y	N	
MW-4	Standpipe	Flush	G	P	Size (inch) 12	G	N	G	R	G	R	NL	G	P	2/2 TABS STRIPPED	Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 8	G	N	G	R	G	R	NL	G	P	2/3 TABS STRIPPED	Y	N	
MW-6	Standpipe	Flush	G	P	Size (inch) 8	G	N	G	R	G	R	NL	G	P		Y	N	
MW-7	Standpipe	Flush	G	P	Size (inch) 12	G	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	G	P	Size (inch) 32	G	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
MW-9	Standpipe	Flush	G	P	Size (inch) 8	G	N	G	R	G	R	NL	G	P		Y	N	
VP-1	Standpipe	Flush	G	P	Size (inch) 32	G	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
VP-2	Standpipe	Flush	G	P	Size (inch) 32	G	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
TOTAL # CAPS REPLACED =								0		0	= TOTAL # OF LOCKS REPLACED							

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description	Y	N	
			N/A				

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

LEE BURES / BTS

Print or type Name of Field Personnel & Consultant Company

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 91880622 ADDRESS 210 NE 45TH ST

DATE: 2/4/16 CITY & STATE SEATTLE, WA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
VP-3	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	VAULT, SECURE BY WEIGHT	Y	N	
VP-4	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
VP-5	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
VP-6	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
VP-7	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
VP-8	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
VP-9	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
TOTAL # CAPS REPLACED = 6											0 = TOTAL # OF LOCKS REPLACED							

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description	Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible		Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

LEE BURES / BTS

Print or type Name of Field Personnel & Consultant Company

SHELL BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT SHELL FACILITIES IN THE STATE OF WASHINGTON OR OREGON. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS, IS MADE UP INTO LOADS OF APPROPRIATE SIZE TO BE TRANSPORTED & PROCESSED BY A SHELL APPROVED WASTE HAULER.

The contractor performing this work is BLAINE TECH SERVICES, INC. 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. Blaine Tech Services, Inc. is authorized by SHELL OIL COMPANY (SHELL) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the SHELL facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Shell facility to BTS; from one Shell facility to BTS via another Shell facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of SHELL.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the SHELL facility described below:

911880622	Perry Pineda
INCIDENT #	Shell Engineer

210	NE 45TH ST,	SEATTLE,	WA
street number	street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	0.5	VP3	0.5
MW-2	0.5	VP-4	0.5
MW-3	0.5	VP5	0.5
MW-6	0.5	VP-6	0.5
MW-8	0.5	VP. 7	0.5
MW-9	0.5	VP-8	0.5
VP-1	0.5		
VP-2	0.5		
added equip. rinse water	4.0	any other adjustments	

TOTAL GALS. RECOVERED 11.0

loaded onto BTS vehicle # 88

BTS event #	time	date
K0204-LB1	1400	2/4/16

signature

****

RECEIVED AT BTS Kent

time / date

unloaded by signature

BLAINE TECH SERVICES

Daily Tailgate Safety Meeting Checklist & Hazard Mitigation Form

TGSM

Site Address: 210 NE 45TH ST, SEATTLE, WA	Date: 2/4/16
Check-In with site representative completed?	☒ Yes ☐ N/A
Is **fuel delivery** scheduled for today?	☐ Yes ☒ No ☐ N/A
Emergency pump cut-off switch located?	☒ Yes ☐ N/A
First aid kit located and confirmed ready-to-use?	☒ Yes
Fire extinguisher located and confirmed ready-to-use?	☒ Yes
Eye wash located and confirmed ready-to-use?	☒ Yes
HASP — **Emergency Services** information located & reviewed?	☒ Yes
HASP — **Hospital** map & route located and reviewed?	☒ Yes
HASP — **Special Hazard Notice** section reviewed?	☒ Yes
HASP — **Site Status** confirmed or amended, dated and initialed?	☒ Yes
HASP — **Emergency Response** procedures reviewed with all work crew members?	☒ Yes
HASP — **Compliance Roster** signed by all work crew members?	☒ Yes
Site walk has been performed to locate wells and identify additional hazards?	☒ Yes
Job Safety Analysis (JSA) for each task located & reviewed by all work crew members?	☒ Yes
Work Area Plans reviewed for suitability and effectiveness given current site conditions?	☒ Yes ☐ N/A
Traffic Control Plans reviewed for suitability given current road, traffic & weather conditions?	☒ Yes ☐ N/A
Stop Work Authority reviewed and understood by all work crew members?	☒ Yes

- In the space below, note unaddressed hazards and conditions that might compromise compliance with Approved Procedures and/or JSA's or impede the safe and proper execution of the Work Plan, Work Area Plan(s) and/or Traffic Control Plan(s).
- Report unaddressed hazards and adverse conditions to the Project Manager during Pre-Start Call-In **and** as hazards are identified or conditions change throughout the workday.
- DO NOT COMMENCE OR RESTART WORK until PM has been notified and mitigation measures approved.

Time	Hazard or Adverse Condition	PM Initials	Hazard Control Measure

Site representative briefed on planned work activities and Work Area Plans?	☒ Yes ☐ N/A
Job Clearance Form completed?	☒ Yes
Pre-Start Call-In completed and approval to start work received from Project Manager?	☒ Yes

Printed Name	Signature	Time
LEE BURRES		0705

Job Clearance Form

Station #: 91880622	Station Address: 210 NE 45TH ST. SEATTLE WA	Work Order Number: 160204-LB1	Date: 2/4/16
Contractor Company Name: BLAINETECH SERVICES	Contractor person in charge (print name): LEE BURES	Number of Workers: 2	Start Time: 0700 / End Time: 1400
Problem/Work Description: GAUGE, PURGE, & SAMPLE GROUNDWATER WELLS			Return Call: yes / no Damage Claim: yes / no

PPE REQUIRED

- [X] SAFETY VEST
- [X] PROTECTIVE CLOTHING
- [X] HARD HAT
- [X] GLOVES
- [X] SHOES & BOOTS
- [X] SAFETY GLASSES/GOGGLES
- [ ] HEARING PROTECTION
- [ ] WELDING PPE
- [ ] RESPIRATOR
- [ ] OTHER ________

Contractor to complete this section below if circumstances create or specific to this job, may generate additional hazards, that are not described in the JSA

	Hazards not covered by JSA	
GAUGE PURGE SAMPLE	NA	NA

Work documentation requirements: **Lower Risk** - no JSA required; **Medium Risk / Higher Risk tasks** - JSA required; **Higher Risk** - JSA required & appropriate check list completed (see below)

Examples of Higher / Medium tasks:

- [ ] Works at heights: in all cases on open sites - on closed sites if no JSA present
- [ ] Trenching or excavation related to underground tank / product lines
- [ ] Heavy lifting
- [ ] Work in confined spaces (e.g. tank, interceptor or deep manhole entry)
- [ ] Hot work with risk of product or vapor ignition
- [ ] LPG system degassing, installation or maintenance

This form must be completed for each job and updated and re-signed if circumstances change or additional hazards identified.

SIGN IN

Operating sites: to be signed by the Site Representative
Non-operating sites: to be signed by Contractor Representative only

GENERAL SAFETY CHECKS

- Have all site personnel been informed?
- Has fuel delivery service been informed?
- Is a fuel delivery due?
- Have isolation procedures been agreed - lock out/tag out?
- Are work areas cordoned off to protect workers, site staff & public?
- Other:

Contractor representative name	Signature
LEE BURES	[signature]
Site representative name	Signature
MONTY	[signature]

SIGN OUT

GENERAL SAFETY CHECKS

- Has the work area been left tidy and safe?
- Are site personnel aware of status of work including remaining isolation?
- Are changes to equipment documented and communicated?
- All incidents, near incidents, unsafe situations reported?
- Other

Contractor signature	[signature]
Site representative name: MONTY	Signature: [signature]

PARTS: Ordered, Replaced and/or Disposed Of (include model and serial as appropriate)

The contractor through its authorized representative shall sign, issue and be solely responsible for all job clearance forms and the obligations arising there under applicable to the work.

This form covers important reminders and is not intended to relieve the contractor from safely performing the work in compliance with all applicable laws and regulations.
The Site Representative may require the contractor to stop work if it appears that the contractor or any of its workers are failing to comply with the requirements in the applicable items of this form or other applicable safety requirements.

WELL GAUGING DATA

Project # 160802-CP1 Date 8/2/16 Client AECOM

Site 210 NE 45th St. Seattle WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0836	2					8.20	9.90		
MW-2	0809	4					8.40	16.45		Ext SYS
MW-3	0819	4					10.35	13.30		
MW-4	0828	4					10.83	14.55		
MW-5	0804	4					10.78	19.62		
MW-6	—	Unable to Access Per Client (Traffic								
MW-7	0824	4					10.61	24.25		
MW-8	0807	4					9.11	19.41		Ext SYS
MW-9	0800	2					19.88	19.98		
VP-1	0840	4					8.90	14.25		
VP-2	0855	4					8.59	13.61		
VP-3	0903	4					8.61	13.40		
VP-4	0832	4					8.80	13.60		
VP-5	0816	4					9.55	16.60		Ext SYS
VP-6	0850	4					8.37	13.80		
VP-7	0813	4					9.10	10.95		
VP-8	0907	4					9.55	10.68	↓	Ext SYS

WELL GAUGING DATA

Project # 160802-C91 Date 8/2/16 Client AECOM

Site 210 NE 45th St. Seattle WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
VP-9	0845	4					9.69	14.20	TOC	**

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 9.90	Depth to Water (ft.): 8.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 0920 Flow Rate: 100 mL/min Pump Depth: 9

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0926	17.6	5.07	701	11	1.98	-452.8	600	8.27
0929	17.6	4.95	694	12	1.62	-451.5	900	8.27
0932	17.6	4.93	690	11	1.42	-454.4	1200	8.27
0935	17.5	4.93	689	11	1.34	-455.3	1500	8.27
0938	17.5	4.94	687	10	1.28	-456.1	1800	8.27

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0939 Sampling Date: 8/2/16

Sample I.D.: GW-060493-080216-CP-MW-1 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: MW-2	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 16.45	Depth to Water (ft.): 8.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: 1248 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1254	18.3	6.95	168	12	0.30	-279.6	600	8.46
1257	18.3	6.91	164	13	0.24	-292.8	900	8.46
1300	18.3	6.86	164	16	0.22	-296.1	1200	8.46
1303	18.1	6.85	164	9	0.23	-293.9	1500	8.46
1306	18.2	6.88	164	7	0.22	-290.1	1800	8.46

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1307 Sampling Date: 8/2/16

Sample I.D. GW-060493-080216-CP-MW-2 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: MW-3	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.30	Depth to Water (ft.): 10.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 0942 Flow Rate: 100 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0948	15.7	4.89	339	19	1.26	-220.1	600	10.40
0951	15.7	4.90	342	17	1.12	-225.0	900	10.40
0954	15.7	4.93	342	24	0.90	-234.5	1200	10.40
0957	15.8	4.93	341	19	0.94	-241.9	1500	10.40
1000	15.7	4.95	341	20	0.91	-245.1	1800	10.40

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1001 Sampling Date: 8/2/16

Sample I.D. GW-060493-080216-CP-MW-3 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date:
Well I.D.: MW-6	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.):	Depth to Water (ft.):
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other

Start Purge Time: Flow Rate: Pump Depth:

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
	- Not Authorized to gauge or							
	sample without							
	traffic control							
	Per Client -							
	- No Sample Taken -							

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory:

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: MW-8	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 19.41	Depth to Water (ft.): 9.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 1020 Flow Rate: 100 mL/min Pump Depth: 11.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1026	17.8	5.06	246	15	0.74	-219.4	600	9.16
1029	17.9	5.05	244	12	0.52	-246.1	900	9.16
1032	17.9	5.07	244	12	0.49	-246.9	1200	9.16
1035	17.8	5.08	243	12	0.50	-246.0	1500	9.16
1038	17.9	5.10	244	11	0.47	-246.8	1800	9.16

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1039 Sampling Date: 8/2/16

Sample I.D.: GW-060493-080216-CP-MW-8 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-Q1	Client: AECOM
Sampler: Q	Gauging Date: 8/2/16
Well I.D.: MW-9	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 19.98	Depth to Water (ft.): 19.88
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: ____ Flow Rate: ____ Pump Depth: ____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
	— Insufficient water							
	to Purge or Sample —							
	— No Sample Taken —							

Did well dewater? Yes No Amount actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory:

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-1	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 14.25	Depth to Water (ft.): 8.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 1120 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1126	18.3	6.62	196	20	1.57	-171.4	600	8.97
1129	18.2	6.58	150	17	1.62	-174.6	900	8.97
1132	18.1	6.57	145	15	1.61	-175.5	1200	8.99
1135	18.2	6.59	141	12	1.55	-173.7	1500	8.99
1138	18.2	6.60	140	10	1.54	-172.6	1800	9.01

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1139	Sampling Date: 8/2/16
Sample I.D.: GW-060493-080216-CP-VD-1	Laboratory: TA
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D)	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-2	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.61	Depth to Water (ft.): 8.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 1150 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1156	18.1	6.75	530	19	0.26	-276.1	600	8.63
1159	18.2	6.74	531	15	0.21	-311.1	900	8.63
1202	18.1	6.76	530	15	0.19	-320.1	1200	8.63
1205	18.1	6.79	530	13	0.20	-324.2	1500	8.63
1208	18.1	6.81	531	10	0.19	-329.7	1800	8.63

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1209 Sampling Date: 8/2/16

Sample I.D.: GW-060493-080216-CP-VP-2 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-3	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.40	Depth to Water (ft.): 8.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1218 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1218	17.0	6.85	860	11	0.21	-289.6	600	8.64
1221	17.0	6.86	867	14	0.20	-311.7	900	8.64
1224	17.1	6.88	878	13	0.15	-320.1	1200	8.64
1227	17.0	6.86	882	12	0.16	-325.7	1500	8.64
1230	17.1	6.87	883	10	0.16	-326.3	1800	8.64

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1231	Sampling Date: 8/2/16
Sample I.D. GW-060493-080216-CP-VP-3	Laboratory: TA
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D)	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-4	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.60	Depth to Water (ft.): 8.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 0751 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0757	16.9	6.59	465	18	0.45	-284.2	600	8.84
0800	16.9	6.62	464	13	0.43	-288.0	900	8.84
0803	17.0	6.60	464	11	0.47	-290.8	1200	8.84
0806	16.9	6.70	459	10	0.49	-291.5	1500	8.84
0809	17.0	6.73	457	7	0.46	-292.1	1800	8.84

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0810 Sampling Date: 8/3/16

Sample I.D.: GW-060493-080316-CP-VP-4 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-5	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 16.60	Depth to Water (ft.): 9.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Start Purge Time: 0824 Flow Rate: 100 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0830	16.3	6.63	213	11	2.09	-171.5	600	9.59
0833	16.3	6.58	216	9	2.01	-166.3	900	9.59
0836	16.4	6.61	216	9	1.96	-164.4	1200	9.60
0839	16.2	6.57	218	9	2.01	-155.0	1500	9.60
0842	16.2	6.59	220	8	1.94	-154.3	1800	9.61

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0843 Sampling Date: 8/3/16

Sample I.D.: GW-060493-080316-CP-VP-5 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-6	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 13.80	Depth to Water (ft.): 8.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated (Tubing) | New Tubing | Other ___

Start Purge Time: 1318 Flow Rate: 100 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1324	19.4	6.89	222	10	0.21	-304.1	600	8.41
1327	19.6	6.82	222	9	0.16	-330.8	900	8.41
1330	19.6	6.80	223	10	0.15	-336.7	1200	8.41
1333	19.6	6.88	222	10	0.13	-338.4	1500	8.41
1336	19.5	6.86	222	9	0.13	-340.5	1800	8.41

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1337 Sampling Date: 8/2/16

Sample I.D. GW-060493-080216-CP-VP-6 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-7	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 10.95	Depth to Water (ft.): 9.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 0720 Flow Rate: 100 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0726	17.2	6.70	585	92	1.09	-197.6	600	9.29
0729	17.0	6.57	545	35	0.56	-259.1	900	9.29
0732	17.1	6.53	549	23	0.38	-285.2	1200	9.29
0735	17.1	6.54	551	20	0.37	-288.0	1500	9.29
0738	17.0	6.56	552	17	0.35	-291.3	1800	9.29

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0739 Sampling Date: 8/3/16

Sample I.D.: GW-060493-080316-CP-VP-7 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160802-CP1	Client: AECOM
Sampler: CP	Gauging Date: 8/2/16
Well I.D.: VP-8	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 10.68	Depth to Water (ft.): 9.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 0900 Flow Rate: 100 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0906	17.3	6.72	1111	14	0.21	-296.2	600	9.55
0909	17.1	6.73	1114	10	0.18	-307.1	900	9.55
0912	17.0	6.76	1119	7	0.19	-313.7	1200	9.55
0915	17.0	6.77	1119	5	0.17	-315.5	1500	9.55
0918	17.1	6.77	1120	5	0.16	-316.0	1800	9.55

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 0919 Sampling Date: 8/3/16

Sample I.D.: GW-060493-080316-CP-VP-8 Laboratory: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
- ☐ ACCUTEST (_____)
- ☐ CALSCIENCE (_____)
- ☑ TESTAMERICA (_____)
- ☐ Other (_____)

Lab Vendor #: 1384589 (TestAmerica)

Please Check Appropriate Box:
- ☐ GW FOG
- ☐ PIPELINE
- ☑ RETAIL
- ☐ CHEMICALS
- ☐ CONSULTANT
- ☐ LUBES
- ☐ TRANSPORTATION
- ☐ OTHER _____

Print Bill To Contact Name: Renee Knecht
PO #:
PlaNet Site or Project ID:
GSAP Project ID:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 8/3/16
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
SITE ADDRESS: Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number: 60482000
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO.: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Other ID:
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
SAMPLER NAME(S) (Print): Craig Peter
TELEPHONE: 206-438-2371
FAX:
Bill To Contact E-MAIL: renee.knecht@aecom.com
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C° Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	UNIT COST: LAB-55 BTEX	SILAB-123 - WA NWDx Water	LAB-35 MTBE	LAB-36 TBA	LAB-39 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-38 ETBE	TPH-D	NON-UNIT COST: WA - NWTPH-Dx	6 Oxygenates
	GW-060493-080216-CP-MW-1	8/2/16	0939	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-2		1307	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-3		1001	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-8		1039	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-1		1139	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-2		1209	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-3	↓	1231	W6	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-4	8/3/16	0810	W6	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-5	↓	0843	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-6	8/2/16	1337	W6	X					6	X	X							X	X	

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Shipped via Fed Ex	8/3/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

LAB (LOCATION)

☐ ACCUTEST (_____)
☐ CALSCIENCE (_____)
☑ TESTAMERICA (_____)
☐ Other (_____)

Lab Vendor # 1364589 (TestAmerica)

Shell Oil Products US Chain Of Custody Record

AECOM

Please Check Appropriate Box:		
☐ GW FOG	☐ PIPELINE	☑ RETAIL
☐ CHEMICALS	☐ CONSULTANT	☐ LUBES
☐ TRANSPORTATION	☐ OTHER _____	

Print Bill To Contact Name:	PlaNet Site or Project ID	☐ CHECK IF NO INCIDENT # APPLIES
Renee Knecht		DATE: 8/3/16
PO #	GSAP Project ID	PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
TELEPHONE: 206-438-2371
FAX:
Bill To Contact E-MAIL: renee.knecht@aecom.com

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number: 60482000
EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO.: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Other ID:
SAMPLER NAME(S) (Print): Craig Peters
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 7 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C° Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-55 BTEX	SL LAB-123 - WA NW/Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-36 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	TPH-D	NON-UNIT COST: WA - NWTPH-Gx	5 Oxygenates
	GW-060493-080316-CP-UP-7	8/3/16	0739	W6	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-8	1	0819	W6	X					6	X	X							X	X	
	TB	↓	0745	W6	X					2	X										
	TB	8/3/16	0715	W6	X					2	X										

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Craig Peters	Shipped via Fed Ex	8/3/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 91880622

ADDRESS 210 NE 45th St

DATE: 8/2/16

CITY & STATE Seattle WA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size						Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1	Standpipe	Flush	G	P	Size (inch) 24		Y	N	G	R	G	R	NL	G	P	vault	Y	N	
MW-2	Standpipe	Flush	G	P	Size (inch) 24		Y	N	G	R	G	R	NL	G	P	vault	Y	N	
MW-3	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P	2/2 Tabs Stripped	Y	N	
MW-4	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P	2/2 Tabs Stripped	Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P	2/3 Tabs Stripped	Y	N	
MW-6	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-7	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	G	P	Size (inch) 32		Y	N	G	R	G	R	NL	G	P	vault	Y	N	
MW-9	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
VP-1	Standpipe	Flush	G	P	Size (inch) 32		Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-2	Standpipe	Flush	G	P	Size (inch) 32		Y	N	G	R	G	R	NL	G	P	vault	Y	N	
TOTAL # CAPS REPLACED =																= TOTAL # OF LOCKS REPLACED			

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description		Y	N	
	G	P	N/A			Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Craig Peters BTS

Print or type Name of Field Personnel & Consultant Company

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 91880622 ADDRESS 210 NE 45th St.

DATE: 8/2/16 CITY & STATE Seattle WA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
VP-3	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-4	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-5	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-6	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-7	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-8	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
VP-9	Standpipe	Flush	G	P	Size (inch) 32	Y	N	G	R	G	R	NL	G	P	vault	Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

TOTAL # CAPS REPLACED = 0 | 0 = TOTAL # OF LOCKS REPLACED

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description		Y	N	
	G	P	N/A			Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Craig Peters BTS

Print or type Name of Field Personnel & Consultant Company

SHELL BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT SHELL FACILITIES IN THE STATE OF WASHINGTON OR OREGON. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS, IS MADE UP INTO LOADS OF APPROPRIATE SIZE TO BE TRANSPORTED & PROCESSED BY A SHELL APPROVED WASTE HAULER.

The contractor performing this work is BLAINE TECH SERVICES, INC. 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. Blaine Tech Services, Inc. is authorized by SHELL OIL COMPANY (SHELL) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the SHELL facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Shell facility to BTS; from one Shell facility to BTS via another Shell facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of SHELL.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the SHELL facility described below:

91880622	Perry Pineda
INCIDENT #	Shell Engineer

210	NE 45th St	Seattle	WA
street number	street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	0.5	VP-4	0.5
MW-2	0.5	VP-5	0.5
MW-3	0.5	VP-6	0.5
~~MW-4~~	·	VP-7	0.5
MW-8	0.5	VP-8	0.5
VP-1	0.5		
VP-2	0.5		
VP-3	0.5		

added equip. rinse water / 2.0

any other adjustments /

TOTAL GALS. RECOVERED 8.0

loaded onto BTS vehicle # 90

BTS event # 160802-CP1 time 0930 date 8/3/16

signature Craig Pilot

****

RECEIVED AT BTS Kent time 1230 date 8/3/16

unloaded by signature Craig Pilot

AECOM	AECOM Shell SGW (US) **Daily Tailgate Meeting & Job Clearance Form**	Issue: January 2, 2011 Revision 10: April 2016 Do NOT pre-populate any field.

Job Location:	210 NE 45th St Seattle WA	Date:	8/2/16 8/3/16
AECOM Site Supervisor:	Craig Peters	AECOM PM:	Renee Knecht

List activities to be performed today:	Groundwater Monitoring
Permitted Activities (specific permit to be competed):	☑ Not Applicable ☐ Confined Space Entry ☐ Excavation/Trenching ☐ Hot Work ☐ Hoisting/Rigging (any lifting with equipment, excluding drill rigs) ☐ Natural Gas System Maintenance

Muster Point:	Taco Stand	Spill Kit Location:	Rear of Van
First Aid Kit Location:	Rear of Van	Fire Extinguisher Location:	Rear of Van
Emergency cut-off switches:	Front of Station	Designated cell phone use area(s):	In cab Ignition off

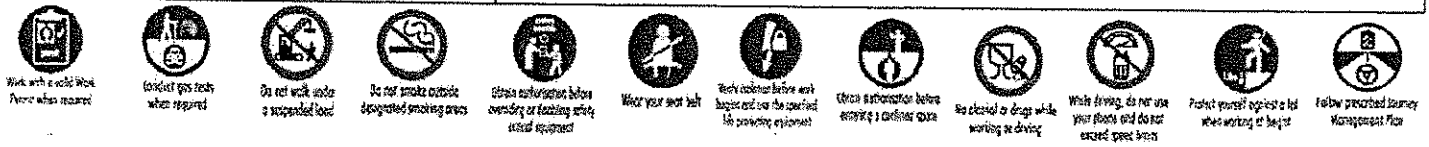
Has the Site Manager/Owner been notified of the work activities and/or participated in a pre-work site walk?	☑ Yes	☐ No	☐ N/A
Is a fuel delivery scheduled for today? If yes, plan to Stop Work during fuel delivery.	☐ Yes	☑ No	☐ N/A
Has a site walk been performed to identify additional hazards?	☑ Yes	☐ No*	
Have all personnel reviewed and understand the site specific HASP?	☑ Yes	☐ No*	
Does each activity have a Job Safety Analysis (JSA)?	☑ Yes	☐ No*	
Does each subcontractor have JSAs for their activities?	☐ Yes	☐ No*	☑ N/A
Have JSAs been reviewed by the work team and newly identified hazards been added to the JSA?	☑ Yes	☐ No*	
Has a Safe Lift Plan been completed and reviewed/approved by an AECOM Subject Matter Expert?	☑ Yes	☐ No*	☐ N/A
Have all members of the work team confirmed understanding of the work, hazards, and controls/ mitigation?	☑ Yes	☐ No*	
Has each person on the work team discussed all hazards and mitigation measures associated with any task which will require their feet to leave the ground?	☑ Yes	☐ No*	☐ N/A
Have work areas been properly cordoned-off to protect workers, site staff, and the public?	☑ Yes	☐ No*	☐ N/A
Have equipment checks been completed, documented, and reviewed?	☑ Yes	☐ No*	☐ N/A
Have there been any equipment modifications made by subcontractor(s)? Is yes, discuss modifications.	☐ Yes	☐ No	☑ N/A
Do all members of the work team have API Safety Keys (AECOM excluded)?	☑ Yes	☐ No*	☐ N/A
Do all members of the work team have a Shell "Life Saving Rules" Training card?	☑ Yes	☐ No*	
Do all site workers understand injury/ intervention reporting requirements including immediately notifying the AECOM Site Supervisor of any injury near miss, unsafe condition or hazard observation?	☑ Yes	☐ No*	
If permits are required, have they been reviewed and permit conditions understood by the Team?	☐ Yes	☐ No*	☑ N/A
If drilling, did driller physically point out all pinch points to entire team (AECOM and all subs)?	☐ Yes	☐ No*	☑ N/A
If drilling, has the driller & crew agreed the audible and visible signals for "all clear" prior to engaging controls?	☐ Yes	☐ No*	☑ N/A

** If No, then work cannot be performed until corrective action is completed and documented.*

Title of AECOM JSAs reviewed today:	Groundwater Monitoring	Title of Subcontractor's JSAs reviewed today:	

All personnel are wearing (regardless of activity):	☑ Hard Hat ☑ Safety Glasses ☑ Safety Vest ☑ Steel-Toed Boots ☑ Gloves (appropriate for task) See JSA for additional task specific PPE requirements.

Other Items Discussed Today:	Stop Work Authority & Obligation
	* All employees will stop the job any time anyone is concerned or uncertain about safety. * All employees will stop the job if anyone identifies a hazard or additional mitigation not recorded on the JSA. * All employees will be alerted to any changes in personnel or conditions at the worksite. * All employees will stop the job and reassess a task, hazards, and mitigations, and then amend the JSA as needed.



AECOM	AECOM Shell SGW (US) Daily Tailgate Meeting & Job Clearance Form	Issue: January 2, 2011 Revision 10: April 2016 Do NOT pre-populate any field.

SITE WORKERS (including AECOM Contractors and Subcontractors): By signing here, you are stating the following:

* You have been involved in reviewing the JSAs and understand the hazards and control measures associated with each task you are about to perform.
* You understand the permit to work requirements applicable to the work you are about to perform (if it includes permitted activities).
* You understand the Shell Life Saving Rules and are aware that tasks or work that is not risk-assessed shall not be performed.
* You are aware of your authority and obligation to 'Stop Work'.

I arrived and departed fit for duty:

* You are physically and mentally fit for duty.
* You are not under the influence of any type of medication, drugs, or alcohol that could affect your ability to work safely.
* You are aware of your responsibility to immediately report any illness, injury (regardless of where or when it occurred), or fatigue issue you may have to the AECOM Site Supervisor.
* You will sign-out uninjured unless you have otherwise informed the AECOM Site Supervisor.

Print Name & Company	Signature	Initials & Sign In Time	Initials & Sign Out Time
8/2/16 Craig Peters BTS		CP In & Fit 0745	CP Out & Fit 1545
8/3/16 Craig Peters BTS		CP In & Fit 0715	CP Out & Fit 0930
		In & Fit	Out & Fit
		In & Fit	Out & Fit
		In & Fit	Out & Fit

(Attach additional Site Worker sign-in/out sheets if needed)

PERSONAL SAFETY COMMITMENT (Attach additional Personal Safety Commitment sheets, if needed)

Print Name	"I will personally commit to do the following to positively improve site safety today":
Craig Peters	Use manhole hook to open vaults

SITE VISITORS (attach additional Site Visitor sign-in/out sheets if needed)

Print Name	Company Name	Arrival Time	Departure Time	Signature

SITE REPRESENTATIVE Sign In/Out (operating sites only, and signature must be requested. If the operator refuses to sign, note this on the Form)

Sign In: *I have discussed this Job Clearance Form with the contractor*		Sign Out: *I have discussed this Job Clearance Form with the contractor*	
Site Representative Name	Site Representative Signature	Site Representative Name	Site Representative Signature
Mutpal Singh 8/2/16	Mutpal Singh 8/3/16	Sammy Jobson 8/2/16	8/3/16

TWILIGHT TOOL BOX TALK (Complete the following once field activities for the day have been concluded):

Were there any Incidents, Near Misses, Potential Incidents, or Positive Interventions today?	☐ Yes ☑ No	If yes, provide details:
Were there any 'Stop Work' interventions?	☐ Yes ☑ No	If yes, provide details:
Were there any areas for improvement noted?	☐ Yes ☑ No	If yes, provide details:
Is the Site Manager/Owner happy with the way you left the site (including the location of waste drums and/or equipment)?	☑ Yes ☐ No	If no, provide details:
I certify that the above information is true and the job site is being left in a safe condition	☑ Yes ☐ No	AECOM Site Supervisor Signature

WELL GAUGING DATA

Project # 160809-CP2 Date 8/9/16 Client AECOM

Site 210 NE 45th St. Seattle WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-6	1305	4					14.20	19.37	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 160809-CP2	Client: AECOM
Sampler: CP	Gauging Date: 8/9/16
Well I.D.: MW-6	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 19.37	Depth to Water (ft.): 14.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1311 Flow Rate: 100 mL/min Pump Depth: 17'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1317	17.2	6.61	303	11	0.38	-217.2	600	14.55
1320	17.4	6.61	302	11	0.31	-256.5	900	14.60
1323	17.3	6.61	302	11	0.26	-281.1	1200	14.67
1326	17.4	6.62	302	12	0.24	-286.1	1500	14.73
1329	17.4	6.66	301	13	0.22	-296.0	1800	14.78

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1330	Sampling Date: 8/9/16
Sample I.D.: GW-060493-080916-CP-MW-6	Laboratory: TA
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D)	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
- ☐ ACCUTEST (_____)
- ☐ CALSCIENCE (_____)
- ☑ TESTAMERICA (_____)
- ☐ Other (_____)

Lab Vendor # : 1364589 (TestAmerica)

Please Check Appropriate Box:		
☐ GW FDG	☐ PIPELINE	☑ RETAIL
☐ CHEMICALS	☐ CONSULTANT	☐ UBES
☐ TRANSPORTATION	☐ OTHER _____	

Print Bill To Contact Name:	PlaNet Site or Project ID
Renee Knecht	
PO #	GSAP Project ID

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8/9/16

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

SITE ADDRESS: Street and City: 1013 NE 45th St., Seattle

State: WA

AECOM Project / Task Number: 60482029

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

Bill To Contact E-MAIL: renee.knecht@aecom.com

SAMPLER NAME(S) (Print): Craig Peter

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	UNIT COST: LAB-55 BTEX	LAB-123 - WA NW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-36 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	TPH-D	NON-UNIT COST: WA - NWTPH-Gx	Total Lead	5 Oxygenates
	GW-060493-080916-GP-MW-6	8/9/16	1330	W6	X					6	X	X							X		X		
	TB	↓	1200	W6	X					2	X												

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

Relinquished by: (Signature) Craig Peter	Received by: (Signature) Shipped via FedEx	Date: 8/9/16	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 91880622

DATE: 8/9/16

ADDRESS 210 NE 45th St

CITY & STATE Seattle WA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-6	Standpipe	(Flush)	(G)	P	Size (inch) 8	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	(N)	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

TOTAL # CAPS REPLACED = 0 | 0 = TOTAL # OF LOCKS REPLACED

Condition of Soil Boring Patches of Abandoned Monitoring Wells				If POOR, Borings/Well IDs or Location Description		Photos		Repair Date
	(G)	P	N/A			Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	✓	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Craig Peters BTS

Print or type Name of Field Personnel & Consultant Company

SHELL BILL OF LADING

SOURCE RECORD **BILL OF LADING**
FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT SHELL FACILITIES IN THE STATE OF WASHINGTON OR OREGON. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS, IS MADE UP INTO LOADS OF APPROPRIATE SIZE TO BE TRANSPORTED & PROCESSED BY A SHELL APPROVED WASTE HAULER.

The contractor performing this work is BLAINE TECH SERVICES, INC. 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. Blaine Tech Services, Inc. is authorized by SHELL OIL COMPANY (SHELL) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the SHELL facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Shell facility to BTS; from one Shell facility to BTS via another Shell facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of SHELL.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the SHELL facility described below:

9188 0622	Perry Pineda
INCIDENT #	Shell Engineer

210	NE	45th St	Seattle	WA
street number		street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-6	0.5		

added equip. rinse water 0.5

any other adjustments

TOTAL GALS. RECOVERED 1.0

loaded onto BTS vehicle # 90

BTS event # 160809-492 time 1345 date 8/9/16

signature

RECEIVED AT BTS Kent time 1470 date 8/9/16

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 210 NE 45th St Seattle				PROJECT NUMBER 160809-CP2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI Pro Plus	14C100 740	8/9/16 0600	pH 4.0 7.0 10.0	4.09 7.01 9.97	= /	24.0	CP
			conduct 3900	3799	—	24.1	CP
			ORP 232.0	227.8	—	24.0	CP
			D.O. 100%	97.1	—	24.2	CP

Appendix B Analytical Reports and Chains of Custody

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

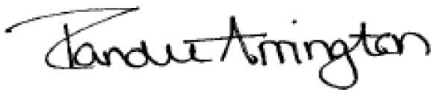
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: 590-2793-1
Client Project/Site: 210 NE 45th St., Seattle

For:
AECOM, Inc.
710 Second Avenue
Suite 1000
Seattle, Washington 98104

Attn: Renee Knecht



Authorized for release by:
2/17/2016 10:45:47 AM

Randee Arrington, Project Manager II
(509)924-9200
randee.arrington@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Case Narrative

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Job ID: 590-2793-1

Laboratory: TestAmerica Spokane

Narrative

Receipt
The samples were received on 2/8/2016 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.7º C, 2.8º C and 3.3º C.

GC/MS VOA Method NWTPH-Gx:
The continuing calibration verification (CCV) associated with batch 590-5366 recovered above the upper control limit for Gasoline. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: GW-060493-020416-LB-VP-5 (590-2793-11), GW-060493-020416-CP-VP-6 (590-2793-12) and GW-060493-020416-LB-VP-8 (590-2793-14).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS VOA Method 8260C:
The oxygenate compounds were canceled with the client's approval due to a TestAmerica systems outage.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA Method NWTPH-Dx:
Detected hydrocarbons in the diesel range appear to be due to gasoline overlap in the following samples: GW-060493-020416-CP-MW-6 (590-2793-4) and GW-060493-020416-LB-VP-7 (590-2793-13).

Detected hydrocarbons in the diesel range appear to be due to a heavy gas/light diesel range component as well as a heavily weathered diesel and/or light weight oil in the following samples: GW-060493-020416-LB-VP-3 (590-2793-9).

Detected hydrocarbons in the diesel range appear to be due to an individual peak in the following sample: GW-060493-020416-LB-VP-8 (590-2793-14).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-2793-1	GW-060493-020416-LB-MW-1	Water	02/04/16 09:04	02/08/16 10:25
590-2793-2	GW-060493-020416-CP-MW-2	Water	02/04/16 13:12	02/08/16 10:25
590-2793-3	GW-060493-020416-LB-MW-3	Water	02/04/16 10:08	02/08/16 10:25
590-2793-4	GW-060493-020416-CP-MW-6	Water	02/04/16 11:35	02/08/16 10:25
590-2793-5	GW-060493-020416-CP-MW-8	Water	02/04/16 12:20	02/08/16 10:25
590-2793-6	GW-060493-020416-CP-MW-9	Water	02/04/16 11:00	02/08/16 10:25
590-2793-7	GW-060493-020416-LB-VP-1	Water	02/04/16 12:37	02/08/16 10:25
590-2793-8	GW-060493-020416-LB-VP-2	Water	02/04/16 13:07	02/08/16 10:25
590-2793-9	GW-060493-020416-LB-VP-3	Water	02/04/16 11:49	02/08/16 10:25
590-2793-10	GW-060493-020416-LB-VP-4	Water	02/04/16 11:11	02/08/16 10:25
590-2793-11	GW-060493-020416-LB-VP-5	Water	02/04/16 10:35	02/08/16 10:25
590-2793-12	GW-060493-020416-CP-VP-6	Water	02/04/16 13:48	02/08/16 10:25
590-2793-13	GW-060493-020416-LB-VP-7	Water	02/04/16 13:36	02/08/16 10:25
590-2793-14	GW-060493-020416-LB-VP-8	Water	02/04/16 09:37	02/08/16 10:25

Method Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Detection Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-LB-MW-1 — Lab Sample ID: 590-2793-1

No Detections.

Client Sample ID: GW-060493-020416-CP-MW-2 — Lab Sample ID: 590-2793-2

No Detections.

Client Sample ID: GW-060493-020416-LB-MW-3 — Lab Sample ID: 590-2793-3

No Detections.

Client Sample ID: GW-060493-020416-CP-MW-6 — Lab Sample ID: 590-2793-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	41.6		0.200	0.0320	ug/L	1		8260C	Total/NA
Ethylbenzene	197		10.0	0.860	ug/L	10		8260C	Total/NA
m,p-Xylene	49.3		2.00	0.124	ug/L	1		8260C	Total/NA
o-Xylene	0.638	J	1.00	0.0620	ug/L	1		8260C	Total/NA
Toluene	4.51		1.00	0.0380	ug/L	1		8260C	Total/NA
Xylenes, Total	49.9		3.00	0.0160	ug/L	1		8260C	Total/NA
Gasoline	2600		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.689		0.237	0.190	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-020416-CP-MW-8 — Lab Sample ID: 590-2793-5

No Detections.

Client Sample ID: GW-060493-020416-CP-MW-9 — Lab Sample ID: 590-2793-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.146	J	1.00	0.0380	ug/L	1		8260C	Total/NA

Client Sample ID: GW-060493-020416-LB-VP-1 — Lab Sample ID: 590-2793-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.292		0.239	0.191	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-020416-LB-VP-2 — Lab Sample ID: 590-2793-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.455		0.237	0.190	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-020416-LB-VP-3 — Lab Sample ID: 590-2793-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.137	J	0.200	0.0320	ug/L	1		8260C	Total/NA
Toluene	0.260	J	1.00	0.0380	ug/L	1		8260C	Total/NA
Gasoline	318		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.433		0.237	0.189	mg/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-LB-VP-4 — Lab Sample ID: 590-2793-10

No Detections.

Client Sample ID: GW-060493-020416-LB-VP-5 — Lab Sample ID: 590-2793-11

No Detections.

Client Sample ID: GW-060493-020416-CP-VP-6 — Lab Sample ID: 590-2793-12

No Detections.

Client Sample ID: GW-060493-020416-LB-VP-7 — Lab Sample ID: 590-2793-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	84.4		0.200	0.0320	ug/L	1		8260C	Total/NA
Ethylbenzene	18.6		1.00	0.0860	ug/L	1		8260C	Total/NA
m,p-Xylene	17.1		2.00	0.124	ug/L	1		8260C	Total/NA
o-Xylene	3.92		1.00	0.0620	ug/L	1		8260C	Total/NA
Toluene	18.3		1.00	0.0380	ug/L	1		8260C	Total/NA
Xylenes, Total	21.1		3.00	0.0160	ug/L	1		8260C	Total/NA
Gasoline	565		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.420		0.238	0.190	mg/L	1		NWTPH-Dx	Total/NA
Residual Range Organics (RRO) (C25-C36)	0.335	J	0.380	0.285	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-020416-LB-VP-8 — Lab Sample ID: 590-2793-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.263		0.237	0.190	mg/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-060493-020416-LB-MW-1

Lab Sample ID: 590-2793-1
Date Collected: 02/04/16 09:04
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 00:31	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 00:31	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 00:31	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 00:31	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 00:31	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 140*		*02/11/16 00:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68.7 - 141*		*02/11/16 00:31*	*1*
Dibromofluoromethane (Surr)	*102*		*71.2 - 143*		*02/11/16 00:31*	*1*
Toluene-d8 (Surr)	*101*		*74.1 - 135*		*02/11/16 00:31*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68.7 - 141*		*02/11/16 00:31*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 15:03	1
Residual Range Organics (RRO) (C25-C36)	ND		0.380	0.285	mg/L		02/11/16 11:01	02/15/16 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:03*	*1*
n-Triacontane-d62	*82*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:03*	*1*

Client Sample ID: GW-060493-020416-CP-MW-2

Lab Sample ID: 590-2793-2
Date Collected: 02/04/16 13:12
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 00:51	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 00:51	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 00:51	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 00:51	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 00:51	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 140*		*02/11/16 00:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68.7 - 141*		*02/11/16 00:51*	*1*
Dibromofluoromethane (Surr)	*104*		*71.2 - 143*		*02/11/16 00:51*	*1*
Toluene-d8 (Surr)	*97*		*74.1 - 135*		*02/11/16 00:51*	*1*

Client Sample ID: GW-060493-020416-CP-MW-2

Lab Sample ID: 590-2793-2
Date Collected: 02/04/16 13:12
Matrix: Water
Date Received: 02/08/16 10:25

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*68.7 - 141*		*02/11/16 00:51*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.238	0.190	mg/L		02/11/16 11:01	02/15/16 15:21	1
Residual Range Organics (RRO) (C25-C36)	ND		0.380	0.285	mg/L		02/11/16 11:01	02/15/16 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:21*	*1*
n-Triacontane-d62	*81*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:21*	*1*

Client Sample ID: GW-060493-020416-LB-MW-3

Lab Sample ID: 590-2793-3
Date Collected: 02/04/16 10:08
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 01:12	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 01:12	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 01:12	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 01:12	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 01:12	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 140*		*02/11/16 01:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68.7 - 141*		*02/11/16 01:12*	*1*
Dibromofluoromethane (Surr)	*107*		*71.2 - 143*		*02/11/16 01:12*	*1*
Toluene-d8 (Surr)	*102*		*74.1 - 135*		*02/11/16 01:12*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68.7 - 141*		*02/11/16 01:12*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 15:39	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.284	mg/L		02/11/16 11:01	02/15/16 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:39*	*1*
n-Triacontane-d62	*75*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:39*	*1*

Client Sample ID: GW-060493-020416-CP-MW-6

Lab Sample ID: 590-2793-4
Matrix: Water
Date Collected: 02/04/16 11:35
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**41.6**		0.200	0.0320	ug/L			02/11/16 01:33	1
Ethylbenzene	**197**		10.0	0.860	ug/L			02/15/16 12:16	10
m,p-Xylene	**49.3**		2.00	0.124	ug/L			02/11/16 01:33	1
o-Xylene	**0.638**	**J**	1.00	0.0620	ug/L			02/11/16 01:33	1
Toluene	**4.51**		1.00	0.0380	ug/L			02/11/16 01:33	1
Xylenes, Total	**49.9**		3.00	0.0160	ug/L			02/11/16 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 140*		*02/11/16 01:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 140*		*02/15/16 12:16*	*10*
4-Bromofluorobenzene (Surr)	*99*		*68.7 - 141*		*02/11/16 01:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68.7 - 141*		*02/15/16 12:16*	*10*
Dibromofluoromethane (Surr)	*94*		*71.2 - 143*		*02/11/16 01:33*	*1*
Dibromofluoromethane (Surr)	*102*		*71.2 - 143*		*02/15/16 12:16*	*10*
Toluene-d8 (Surr)	*102*		*74.1 - 135*		*02/11/16 01:33*	*1*
Toluene-d8 (Surr)	*99*		*74.1 - 135*		*02/15/16 12:16*	*10*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**2600**		100	17.8	ug/L			02/11/16 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68.7 - 141*		*02/11/16 01:33*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.689**		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 15:57	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.285	mg/L		02/11/16 11:01	02/15/16 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:57*	*1*
n-Triacontane-d62	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 15:57*	*1*

Client Sample ID: GW-060493-020416-CP-MW-8

Lab Sample ID: 590-2793-5
Matrix: Water
Date Collected: 02/04/16 12:20
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 01:53	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 01:53	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 01:53	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 01:53	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 01:53	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 140*		*02/11/16 01:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 01:53*	*1*
Dibromofluoromethane (Surr)	*108*		*71.2 - 143*		*02/11/16 01:53*	*1*

Client Sample ID: GW-060493-020416-CP-MW-8

Lab Sample ID: 590-2793-5
Matrix: Water
Date Collected: 02/04/16 12:20
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*74.1 - 135*		*02/11/16 01:53*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 01:53*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.237	0.189	mg/L		02/11/16 11:01	02/15/16 16:16	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.284	mg/L		02/11/16 11:01	02/15/16 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*82*		*50 - 150*	*02/11/16 11:01*	*02/15/16 16:16*	*1*
n-Triacontane-d62	*81*		*50 - 150*	*02/11/16 11:01*	*02/15/16 16:16*	*1*

Client Sample ID: GW-060493-020416-CP-MW-9

Lab Sample ID: 590-2793-6
Matrix: Water
Date Collected: 02/04/16 11:00
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 02:14	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 02:14	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 02:14	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 02:14	1
Toluene	**0.146**	**J**	1.00	0.0380	ug/L			02/11/16 02:14	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 140*		*02/11/16 02:14*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 02:14*	*1*
Dibromofluoromethane (Surr)	*107*		*71.2 - 143*		*02/11/16 02:14*	*1*
Toluene-d8 (Surr)	*101*		*74.1 - 135*		*02/11/16 02:14*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 02:14*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.238	0.190	mg/L		02/11/16 11:01	02/15/16 16:52	1
Residual Range Organics (RRO) (C25-C36)	ND		0.380	0.285	mg/L		02/11/16 11:01	02/15/16 16:52	1

Client Sample ID: GW-060493-020416-CP-MW-9

Lab Sample ID: 590-2793-6
Matrix: Water
Date Collected: 02/04/16 11:00
Date Received: 02/08/16 10:25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*50 - 150*	*02/11/16 11:01*	*02/15/16 16:52*	*1*
n-Triacontane-d62	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 16:52*	*1*

Client Sample ID: GW-060493-020416-LB-VP-1

Lab Sample ID: 590-2793-7
Matrix: Water
Date Collected: 02/04/16 12:37
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 02:35	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 02:35	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 02:35	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 02:35	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 02:35	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 140*		*02/11/16 02:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68.7 - 141*		*02/11/16 02:35*	*1*
Dibromofluoromethane (Surr)	*108*		*71.2 - 143*		*02/11/16 02:35*	*1*
Toluene-d8 (Surr)	*97*		*74.1 - 135*		*02/11/16 02:35*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68.7 - 141*		*02/11/16 02:35*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.292**		0.239	0.191	mg/L		02/11/16 11:01	02/15/16 17:09	1
Residual Range Organics (RRO) (C25-C36)	ND		0.382	0.286	mg/L		02/11/16 11:01	02/15/16 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:09*	*1*
n-Triacontane-d62	*82*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:09*	*1*

Client Sample ID: GW-060493-020416-LB-VP-2

Lab Sample ID: 590-2793-8
Matrix: Water
Date Collected: 02/04/16 13:07
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 02:55	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 02:55	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 02:55	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 02:55	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 02:55	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 02:55	1

Client Sample ID: GW-060493-020416-LB-VP-2

Lab Sample ID: 590-2793-8
Matrix: Water
Date Collected: 02/04/16 13:07
Date Received: 02/08/16 10:25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 140*		*02/11/16 02:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68.7 - 141*		*02/11/16 02:55*	*1*
Dibromofluoromethane (Surr)	*101*		*71.2 - 143*		*02/11/16 02:55*	*1*
Toluene-d8 (Surr)	*100*		*74.1 - 135*		*02/11/16 02:55*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68.7 - 141*		*02/11/16 02:55*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.455**		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 17:27	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.284	mg/L		02/11/16 11:01	02/15/16 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:27*	*1*
n-Triacontane-d62	*84*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:27*	*1*

Client Sample ID: GW-060493-020416-LB-VP-3

Lab Sample ID: 590-2793-9
Matrix: Water
Date Collected: 02/04/16 11:49
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.137**	**J**	0.200	0.0320	ug/L			02/11/16 03:16	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 03:16	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 03:16	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 03:16	1
Toluene	**0.260**	**J**	1.00	0.0380	ug/L			02/11/16 03:16	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 140*		*02/11/16 03:16*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68.7 - 141*		*02/11/16 03:16*	*1*
Dibromofluoromethane (Surr)	*112*		*71.2 - 143*		*02/11/16 03:16*	*1*
Toluene-d8 (Surr)	*97*		*74.1 - 135*		*02/11/16 03:16*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**318**		100	17.8	ug/L			02/11/16 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*68.7 - 141*		*02/11/16 03:16*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.433**		0.237	0.189	mg/L		02/11/16 11:01	02/15/16 17:44	1

Client Sample ID: GW-060493-020416-LB-VP-3

Lab Sample ID: 590-2793-9
Date Collected: 02/04/16 11:49
Matrix: Water
Date Received: 02/08/16 10:25

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.284	mg/L		02/11/16 11:01	02/15/16 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:44*	*1*
n-Triacontane-d62	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 17:44*	*1*

Client Sample ID: GW-060493-020416-LB-VP-4

Lab Sample ID: 590-2793-10
Date Collected: 02/04/16 11:11
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 03:36	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 03:36	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 03:36	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 03:36	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 03:36	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 140*		*02/11/16 03:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68.7 - 141*		*02/11/16 03:36*	*1*
Dibromofluoromethane (Surr)	*109*		*71.2 - 143*		*02/11/16 03:36*	*1*
Toluene-d8 (Surr)	*104*		*74.1 - 135*		*02/11/16 03:36*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68.7 - 141*		*02/11/16 03:36*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 18:02	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.285	mg/L		02/11/16 11:01	02/15/16 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*50 - 150*	*02/11/16 11:01*	*02/15/16 18:02*	*1*
n-Triacontane-d62	*82*		*50 - 150*	*02/11/16 11:01*	*02/15/16 18:02*	*1*

Client Sample ID: GW-060493-020416-LB-VP-5

Lab Sample ID: 590-2793-11
Date Collected: 02/04/16 10:35
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 04:18	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 04:18	1

Client Sample ID: GW-060493-020416-LB-VP-5

Lab Sample ID: 590-2793-11
Matrix: Water
Date Collected: 02/04/16 10:35
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 04:18	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 04:18	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 04:18	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 140*		*02/11/16 04:18*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 04:18*	*1*
Dibromofluoromethane (Surr)	*99*		*71.2 - 143*		*02/11/16 04:18*	*1*
Toluene-d8 (Surr)	*100*		*74.1 - 135*		*02/11/16 04:18*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*02/11/16 04:18*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.236	0.189	mg/L		02/11/16 11:01	02/15/16 18:19	1
Residual Range Organics (RRO) (C25-C36)	ND		0.378	0.284	mg/L		02/11/16 11:01	02/15/16 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*02/11/16 11:01*	*02/15/16 18:19*	*1*
n-Triacontane-d62	*83*		*50 - 150*	*02/11/16 11:01*	*02/15/16 18:19*	*1*

Client Sample ID: GW-060493-020416-CP-VP-6

Lab Sample ID: 590-2793-12
Matrix: Water
Date Collected: 02/04/16 13:48
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 04:38	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 04:38	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 04:38	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 04:38	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 04:38	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 140*		*02/11/16 04:38*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68.7 - 141*		*02/11/16 04:38*	*1*
Dibromofluoromethane (Surr)	*105*		*71.2 - 143*		*02/11/16 04:38*	*1*
Toluene-d8 (Surr)	*104*		*74.1 - 135*		*02/11/16 04:38*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 04:38	1

Client Sample ID: GW-060493-020416-CP-VP-6

Lab Sample ID: 590-2793-12
Date Collected: 02/04/16 13:48
Matrix: Water
Date Received: 02/08/16 10:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		68.7 - 141		02/11/16 04:38	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 18:37	1
Residual Range Organics (RRO) (C25-C36)	ND		0.380	0.285	mg/L		02/11/16 11:01	02/15/16 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	02/11/16 11:01	02/15/16 18:37	1
n-Triacontane-d62	82		50 - 150	02/11/16 11:01	02/15/16 18:37	1

Client Sample ID: GW-060493-020416-LB-VP-7

Lab Sample ID: 590-2793-13
Date Collected: 02/04/16 13:36
Matrix: Water
Date Received: 02/08/16 10:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	84.4		0.200	0.0320	ug/L			02/11/16 04:59	1
Ethylbenzene	18.6		1.00	0.0860	ug/L			02/11/16 04:59	1
m,p-Xylene	17.1		2.00	0.124	ug/L			02/11/16 04:59	1
o-Xylene	3.92		1.00	0.0620	ug/L			02/11/16 04:59	1
Toluene	18.3		1.00	0.0380	ug/L			02/11/16 04:59	1
Xylenes, Total	21.1		3.00	0.0160	ug/L			02/11/16 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 140		02/11/16 04:59	1
4-Bromofluorobenzene (Surr)	100		68.7 - 141		02/11/16 04:59	1
Dibromofluoromethane (Surr)	106		71.2 - 143		02/11/16 04:59	1
Toluene-d8 (Surr)	95		74.1 - 135		02/11/16 04:59	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	565		100	17.8	ug/L			02/15/16 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		68.7 - 141		02/15/16 12:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	0.420		0.238	0.190	mg/L		02/11/16 11:01	02/15/16 18:54	1
Residual Range Organics (RRO) (C25-C36)	0.335	J	0.380	0.285	mg/L		02/11/16 11:01	02/15/16 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150	02/11/16 11:01	02/15/16 18:54	1
n-Triacontane-d62	87		50 - 150	02/11/16 11:01	02/15/16 18:54	1

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-LB-VP-8
Date Collected: 02/04/16 09:37
Date Received: 02/08/16 10:25

Lab Sample ID: 590-2793-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 05:19	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 05:19	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 05:19	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 05:19	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 05:19	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 140*		*02/11/16 05:19*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68.7 - 141*		*02/11/16 05:19*	*1*
Dibromofluoromethane (Surr)	*105*		*71.2 - 143*		*02/11/16 05:19*	*1*
Toluene-d8 (Surr)	*95*		*74.1 - 135*		*02/11/16 05:19*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*68.7 - 141*		*02/11/16 05:19*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.263**		0.237	0.190	mg/L		02/11/16 11:01	02/15/16 19:12	1
Residual Range Organics (RRO) (C25-C36)	ND		0.379	0.284	mg/L		02/11/16 11:01	02/15/16 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*02/11/16 11:01*	*02/15/16 19:12*	*1*
n-Triacontane-d62	*87*		*50 - 150*	*02/11/16 11:01*	*02/15/16 19:12*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-5365/5
Matrix: Water
Analysis Batch: 5365

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/11/16 00:10	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/11/16 00:10	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/11/16 00:10	1
o-Xylene	ND		1.00	0.0620	ug/L			02/11/16 00:10	1
Toluene	ND		1.00	0.0380	ug/L			02/11/16 00:10	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/11/16 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 140*		*02/11/16 00:10*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68.7 - 141*		*02/11/16 00:10*	*1*
Dibromofluoromethane (Surr)	*105*		*71.2 - 143*		*02/11/16 00:10*	*1*
Toluene-d8 (Surr)	*106*		*74.1 - 135*		*02/11/16 00:10*	*1*

Lab Sample ID: LCS 590-5365/1003
Matrix: Water
Analysis Batch: 5365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.908		ug/L		99	80 - 140
Ethylbenzene	10.0	9.651		ug/L		97	80 - 120
m,p-Xylene	10.0	9.946		ug/L		99	80 - 120
o-Xylene	10.0	9.619		ug/L		96	80 - 120
Toluene	10.0	9.827		ug/L		98	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 140*
4-Bromofluorobenzene (Surr)	*104*		*68.7 - 141*
Dibromofluoromethane (Surr)	*107*		*71.2 - 143*
Toluene-d8 (Surr)	*97*		*74.1 - 135*

Lab Sample ID: MB 590-5410/12
Matrix: Water
Analysis Batch: 5410

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0320	ug/L			02/15/16 15:47	1
Ethylbenzene	ND		1.00	0.0860	ug/L			02/15/16 15:47	1
m,p-Xylene	ND		2.00	0.124	ug/L			02/15/16 15:47	1
o-Xylene	ND		1.00	0.0620	ug/L			02/15/16 15:47	1
Toluene	0.08091	J	1.00	0.0380	ug/L			02/15/16 15:47	1
Xylenes, Total	ND		3.00	0.0160	ug/L			02/15/16 15:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 140*		*02/15/16 15:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68.7 - 141*		*02/15/16 15:47*	*1*
Dibromofluoromethane (Surr)	*107*		*71.2 - 143*		*02/15/16 15:47*	*1*
Toluene-d8 (Surr)	*99*		*74.1 - 135*		*02/15/16 15:47*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 590-5410/1003
Matrix: Water
Analysis Batch: 5410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.542		ug/L		95	80 - 140
Ethylbenzene	10.0	9.569		ug/L		96	80 - 120
m,p-Xylene	10.0	9.561		ug/L		96	80 - 120
o-Xylene	10.0	10.03		ug/L		100	80 - 120
Toluene	10.0	9.511		ug/L		95	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 140*
4-Bromofluorobenzene (Surr)	*91*		*68.7 - 141*
Dibromofluoromethane (Surr)	*102*		*71.2 - 143*
Toluene-d8 (Surr)	*99*		*74.1 - 135*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-5366/5
Matrix: Water
Analysis Batch: 5366

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/11/16 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68.7 - 141*		*02/11/16 00:10*	*1*

Lab Sample ID: LCS 590-5366/1004
Matrix: Water
Analysis Batch: 5366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	998	1006		ug/L		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*68.7 - 141*

Lab Sample ID: MB 590-5411/12
Matrix: Water
Analysis Batch: 5411

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			02/15/16 15:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68.7 - 141*		*02/15/16 15:47*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Lab Sample ID: LCS 590-5411/1004
Matrix: Water
Analysis Batch: 5411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			998	1050		ug/L		105	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-5371/1-A
Matrix: Water
Analysis Batch: 5405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.250	0.200	mg/L		02/11/16 11:01	02/15/16 13:32	1
Residual Range Organics (RRO) (C25-C36)	ND		0.400	0.300	mg/L		02/11/16 11:01	02/15/16 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*02/11/16 11:01*	*02/15/16 13:32*	*1*
n-Triacontane-d62	*84*		*50 - 150*	*02/11/16 11:01*	*02/15/16 13:32*	*1*

Lab Sample ID: LCS 590-5371/2-A
Matrix: Water
Analysis Batch: 5405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5371

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO) (C10-C25)			1.01	0.9504		mg/L		95	50 - 150		
Residual Range Organics (RRO) (C25-C36)			1.03	1.045		mg/L		102	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*88*		*50 - 150*
n-Triacontane-d62	*88*		*50 - 150*

QC Association Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

GC/MS VOA

Analysis Batch: 5365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-1	GW-060493-020416-LB-MW-1	Total/NA	Water	8260C	
590-2793-2	GW-060493-020416-CP-MW-2	Total/NA	Water	8260C	
590-2793-3	GW-060493-020416-LB-MW-3	Total/NA	Water	8260C	
590-2793-4	GW-060493-020416-CP-MW-6	Total/NA	Water	8260C	
590-2793-5	GW-060493-020416-CP-MW-8	Total/NA	Water	8260C	
590-2793-6	GW-060493-020416-CP-MW-9	Total/NA	Water	8260C	
590-2793-7	GW-060493-020416-LB-VP-1	Total/NA	Water	8260C	
590-2793-8	GW-060493-020416-LB-VP-2	Total/NA	Water	8260C	
590-2793-9	GW-060493-020416-LB-VP-3	Total/NA	Water	8260C	
590-2793-10	GW-060493-020416-LB-VP-4	Total/NA	Water	8260C	
590-2793-11	GW-060493-020416-LB-VP-5	Total/NA	Water	8260C	
590-2793-12	GW-060493-020416-CP-VP-6	Total/NA	Water	8260C	
590-2793-13	GW-060493-020416-LB-VP-7	Total/NA	Water	8260C	
590-2793-14	GW-060493-020416-LB-VP-8	Total/NA	Water	8260C	
LCS 590-5365/1003	Lab Control Sample	Total/NA	Water	8260C	
MB 590-5365/5	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 5366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-1	GW-060493-020416-LB-MW-1	Total/NA	Water	NWTPH-Gx	
590-2793-2	GW-060493-020416-CP-MW-2	Total/NA	Water	NWTPH-Gx	
590-2793-3	GW-060493-020416-LB-MW-3	Total/NA	Water	NWTPH-Gx	
590-2793-4	GW-060493-020416-CP-MW-6	Total/NA	Water	NWTPH-Gx	
590-2793-5	GW-060493-020416-CP-MW-8	Total/NA	Water	NWTPH-Gx	
590-2793-6	GW-060493-020416-CP-MW-9	Total/NA	Water	NWTPH-Gx	
590-2793-7	GW-060493-020416-LB-VP-1	Total/NA	Water	NWTPH-Gx	
590-2793-8	GW-060493-020416-LB-VP-2	Total/NA	Water	NWTPH-Gx	
590-2793-9	GW-060493-020416-LB-VP-3	Total/NA	Water	NWTPH-Gx	
590-2793-10	GW-060493-020416-LB-VP-4	Total/NA	Water	NWTPH-Gx	
590-2793-11	GW-060493-020416-LB-VP-5	Total/NA	Water	NWTPH-Gx	
590-2793-12	GW-060493-020416-CP-VP-6	Total/NA	Water	NWTPH-Gx	
590-2793-14	GW-060493-020416-LB-VP-8	Total/NA	Water	NWTPH-Gx	
LCS 590-5366/1004	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
MB 590-5366/5	Method Blank	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 5410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-4	GW-060493-020416-CP-MW-6	Total/NA	Water	8260C	
LCS 590-5410/1003	Lab Control Sample	Total/NA	Water	8260C	
MB 590-5410/12	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 5411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-13	GW-060493-020416-LB-VP-7	Total/NA	Water	NWTPH-Gx	
LCS 590-5411/1004	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
MB 590-5411/12	Method Blank	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 5371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-1	GW-060493-020416-LB-MW-1	Total/NA	Water	3510C	
590-2793-2	GW-060493-020416-CP-MW-2	Total/NA	Water	3510C	
590-2793-3	GW-060493-020416-LB-MW-3	Total/NA	Water	3510C	
590-2793-4	GW-060493-020416-CP-MW-6	Total/NA	Water	3510C	
590-2793-5	GW-060493-020416-CP-MW-8	Total/NA	Water	3510C	
590-2793-6	GW-060493-020416-CP-MW-9	Total/NA	Water	3510C	
590-2793-7	GW-060493-020416-LB-VP-1	Total/NA	Water	3510C	
590-2793-8	GW-060493-020416-LB-VP-2	Total/NA	Water	3510C	
590-2793-9	GW-060493-020416-LB-VP-3	Total/NA	Water	3510C	
590-2793-10	GW-060493-020416-LB-VP-4	Total/NA	Water	3510C	
590-2793-11	GW-060493-020416-LB-VP-5	Total/NA	Water	3510C	
590-2793-12	GW-060493-020416-CP-VP-6	Total/NA	Water	3510C	
590-2793-13	GW-060493-020416-LB-VP-7	Total/NA	Water	3510C	
590-2793-14	GW-060493-020416-LB-VP-8	Total/NA	Water	3510C	
LCS 590-5371/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 590-5371/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 5405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-2793-1	GW-060493-020416-LB-MW-1	Total/NA	Water	NWTPH-Dx	5371
590-2793-2	GW-060493-020416-CP-MW-2	Total/NA	Water	NWTPH-Dx	5371
590-2793-3	GW-060493-020416-LB-MW-3	Total/NA	Water	NWTPH-Dx	5371
590-2793-4	GW-060493-020416-CP-MW-6	Total/NA	Water	NWTPH-Dx	5371
590-2793-5	GW-060493-020416-CP-MW-8	Total/NA	Water	NWTPH-Dx	5371
590-2793-6	GW-060493-020416-CP-MW-9	Total/NA	Water	NWTPH-Dx	5371
590-2793-7	GW-060493-020416-LB-VP-1	Total/NA	Water	NWTPH-Dx	5371
590-2793-8	GW-060493-020416-LB-VP-2	Total/NA	Water	NWTPH-Dx	5371
590-2793-9	GW-060493-020416-LB-VP-3	Total/NA	Water	NWTPH-Dx	5371
590-2793-10	GW-060493-020416-LB-VP-4	Total/NA	Water	NWTPH-Dx	5371
590-2793-11	GW-060493-020416-LB-VP-5	Total/NA	Water	NWTPH-Dx	5371
590-2793-12	GW-060493-020416-CP-VP-6	Total/NA	Water	NWTPH-Dx	5371
590-2793-13	GW-060493-020416-LB-VP-7	Total/NA	Water	NWTPH-Dx	5371
590-2793-14	GW-060493-020416-LB-VP-8	Total/NA	Water	NWTPH-Dx	5371
LCS 590-5371/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	5371
MB 590-5371/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	5371

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-LB-MW-1

Lab Sample ID: 590-2793-1
Date Collected: 02/04/16 09:04
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 00:31	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 00:31	MRS	TAL SPK
Total/NA	Prep	3510C			1053.1 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1053.1 mL	5 mL	5405	02/15/16 15:03	NMI	TAL SPK

Client Sample ID: GW-060493-020416-CP-MW-2

Lab Sample ID: 590-2793-2
Date Collected: 02/04/16 13:12
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 00:51	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 00:51	MRS	TAL SPK
Total/NA	Prep	3510C			1051.7 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1051.7 mL	5 mL	5405	02/15/16 15:21	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-MW-3

Lab Sample ID: 590-2793-3
Date Collected: 02/04/16 10:08
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 01:12	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 01:12	MRS	TAL SPK
Total/NA	Prep	3510C			1055.2 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1055.2 mL	5 mL	5405	02/15/16 15:39	NMI	TAL SPK

Client Sample ID: GW-060493-020416-CP-MW-6

Lab Sample ID: 590-2793-4
Date Collected: 02/04/16 11:35
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 01:33	MRS	TAL SPK
Total/NA	Analysis	8260C		10	43 mL	43 mL	5410	02/15/16 12:16	CBW	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 01:33	MRS	TAL SPK
Total/NA	Prep	3510C			1054.1 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1054.1 mL	5 mL	5405	02/15/16 15:57	NMI	TAL SPK

Client Sample ID: GW-060493-020416-CP-MW-8

Lab Sample ID: 590-2793-5
Date Collected: 02/04/16 12:20
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 01:53	MRS	TAL SPK

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-CP-MW-8

Lab Sample ID: 590-2793-5
Date Collected: 02/04/16 12:20
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 01:53	MRS	TAL SPK
Total/NA	Prep	3510C			1056.7 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1056.7 mL	5 mL	5405	02/15/16 16:16	NMI	TAL SPK

Client Sample ID: GW-060493-020416-CP-MW-9

Lab Sample ID: 590-2793-6
Date Collected: 02/04/16 11:00
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 02:14	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 02:14	MRS	TAL SPK
Total/NA	Prep	3510C			1051.8 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1051.8 mL	5 mL	5405	02/15/16 16:52	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-1

Lab Sample ID: 590-2793-7
Date Collected: 02/04/16 12:37
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 02:35	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 02:35	MRS	TAL SPK
Total/NA	Prep	3510C			1047.9 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1047.9 mL	5 mL	5405	02/15/16 17:09	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-2

Lab Sample ID: 590-2793-8
Date Collected: 02/04/16 13:07
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 02:55	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 02:55	MRS	TAL SPK
Total/NA	Prep	3510C			1054.5 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1054.5 mL	5 mL	5405	02/15/16 17:27	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-3

Lab Sample ID: 590-2793-9
Date Collected: 02/04/16 11:49
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 03:16	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 03:16	MRS	TAL SPK
Total/NA	Prep	3510C			1056 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-3

Lab Sample ID: 590-2793-9
Date Collected: 02/04/16 11:49
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Dx		1	1056 mL	5 mL	5405	02/15/16 17:44	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-4

Lab Sample ID: 590-2793-10
Date Collected: 02/04/16 11:11
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 03:36	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 03:36	MRS	TAL SPK
Total/NA	Prep	3510C			1054.1 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1054.1 mL	5 mL	5405	02/15/16 18:02	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-5

Lab Sample ID: 590-2793-11
Date Collected: 02/04/16 10:35
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 04:18	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 04:18	MRS	TAL SPK
Total/NA	Prep	3510C			1057.1 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1057.1 mL	5 mL	5405	02/15/16 18:19	NMI	TAL SPK

Client Sample ID: GW-060493-020416-CP-VP-6

Lab Sample ID: 590-2793-12
Date Collected: 02/04/16 13:48
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 04:38	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 04:38	MRS	TAL SPK
Total/NA	Prep	3510C			1053 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1053 mL	5 mL	5405	02/15/16 18:37	NMI	TAL SPK

Client Sample ID: GW-060493-020416-LB-VP-7

Lab Sample ID: 590-2793-13
Date Collected: 02/04/16 13:36
Matrix: Water
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 04:59	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5411	02/15/16 12:37	CBW	TAL SPK
Total/NA	Prep	3510C			1051.9 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1051.9 mL	5 mL	5405	02/15/16 18:54	NMI	TAL SPK

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Client Sample ID: GW-060493-020416-LB-VP-8 — **Lab Sample ID: 590-2793-14**
Date Collected: 02/04/16 09:37 — **Matrix: Water**
Date Received: 02/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	5365	02/11/16 05:19	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	5366	02/11/16 05:19	MRS	TAL SPK
Total/NA	Prep	3510C			1054.8 mL	5 mL	5371	02/11/16 11:01	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1	1054.8 mL	5 mL	5405	02/15/16 19:12	NMI	TAL SPK

Laboratory References:
TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle

TestAmerica Job ID: 590-2793-1

Laboratory: TestAmerica Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C569	01-06-17

Analysis Method	Prep Method	Matrix	Analyte

LAB (LC
☐ACCUTEST (
☐CALSCIENCE (
☑TESTAMERICA (
☐Other (
Lab Vendor # 1364589 (TestAmerica)

590-2793-01 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

Check Appropriate Box:			Print Bill To Contact Name:	PlaNet Site or Project ID	☐CHECK IF NO INCIDENT # APPLIES
☐DGW FDG	☐PIPELINE	☑RETAIL	Renee Knecht		DATE: 2/4/16
☐CHEMICALS	☐CONSULTANT	☐LUBES	PO #	GSAP Project ID	PAGE: 1 of
☐TRANSPORTATION	☐OTHER				

SAMPLING COMPANY: Blaine Tech Services, Inc.	LOG CODE: BTSS	SITE ADDRESS: Street and City: 210 NE 45th St., Seattle	State: WA
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112		EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA	PHONE NO.: 206-438-2371
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht		E-MAIL: renee.knecht@aecom.com	AECOM Other ID
TELEPHONE: 206-438-2371	FAX	E-MAIL TO: renee.knecht@aecom.com	SAMPLER NAME(S) (Print): L. Bures / C. Peters

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑STANDARD (14 DAY) ☐5 DAYS ☐3 DAYS ☐2 DAYS ☐24 HOURS ☐RESULTS NEEDED ON WEEKEND

☐LA - RWQCB REPORT FORMAT ☑UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐LEVEL 1 ☑LEVEL 2 ☐LEVEL 3 ☐LEVEL 4 ☐OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C° Cooler #1 2.8C FED001 Cooler #2 3.3C FED001 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:

☑SHELL CONTRACT RATE APPLIES
☐STATE REIMBURSEMENT RATE APPLIES
☐EDD NOT NEEDED
☐RECEIPT VERIFICATION REQUESTED
☐PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST: LAB-55 BTEX | SI LAB-123 - WA NW Dx Water | LAB-35 MTBE | LAB-36 TBA | LAB-36 TBA | LAB-37 DIPE | LAB-36 TAME | LAB-39 ETBE | WA NWTPH-D

NON-UNIT COST: WA - NWTPH-Gx | 5 Oxygenates

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.
	GX1-060493-020416-LB-MW1	2/4/16	0904	WG	X					8
	GW-060493-020416-CP-MW2		1312	WG	X					8
	GW-060493-020416-LB-MW3		1008	WG	X					8
	GW-060493-020416-CP-MW6		1135	WG	X					8
	GW-060493-020416-CP-MW8		1220	WG	X					8
	GW-060493-020416-CP-MW9		1100	WG	X					8
	GW-060493-020416-LB-VP1		1237	WG	X					8
	GW-060493-020416-LB-VP2		1307	WG	X					8
	GW-060493-020416-LB-VP3		1149	WG	X					8
	GW-060493-020416-LB-VP4		1111	WG	X					8

Relinquished by: (Signature)	Received by: (Signature) SHIPPED VIA FEDEX	Date: 2/4/16	Time:
Relinquished by: (Signature)	Received by: (Signature) Sheila Kral	Date: 2/8/16	Time: 10:25
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

2.8

LAB (LOCA
☐ ACCUTEST (_____
☐ CALSCICENCE (_____
☑ TESTAMERICA (_____
☐ Other (_____)
Lab Vendor # 136589 (TestAmerica)

590-2793-02 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

k Appropriate Box:		Print Bill To Contact Name:	PlaNet Site or Project ID	☐ CHECK IF NO INCIDENT # APPLIES
PELINE	☑ RETAIL	Renee Knecht		DATE: 2/4/16
ONSULTANT	☐ LUBES	PO #	GSAP Project ID	PAGE: 2 of 2
☐ TRANSPORTATION	☐ OTHER _____			

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	AECOM Project / Task Number:
Blaine Tech Services, Inc.	BTSS	210 NE 45th St., Seattle	WA	

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	AECOM Other ID
1680 Rogers Ave., San Jose, CA, 95112	Renee Knecht, AECOM, Seattle, WA	206-438-2371	renee.knecht@aecom.com	

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	Billing Contact E-MAIL:	SAMPLER NAME(S) (Print):	LAB USE ONLY
Renee Knecht	206-438-2371		renee.knecht@aecom.com	L. Bures / C. Peters	

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C° Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	REQUESTED ANALYSIS: UNIT COST — LAB-55 BTEX	LAB-123 - WA NW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-36 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-D	NON-UNIT COST — WA - NWTPH-Gx	5 Oxygenates
	GW-060493-020416-LB-VP5	2/4/16	1035	WG	X					8	X	X							X	X	X
	GW-060493-020416-LB-VP6		1348	WG	X					8	X	X							X	X	X
	GW-060493-020416-LB-VP7		1336	WG	X					8	X	X							X	X	X
	GW-060493-020416-LB-VP8	↓	0937	WG	X					8	X	X							X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SHIPPED VIA FEDEX	2/4/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

590-2793-03 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

☑ TESTAMERICA ( )
☐ Other ( )
Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box: ☐ XG ☐ PIPELINE ☑ RETAIL ☐ CHEMICALS ☐ CONSULTANT ☐ LUBES ☐ TRANSPORTATION ☐ OTHER

Print Bill To Contact Name: Renee Knecht
PO #:
PlaNet Site or Project ID:
GSAP Project ID:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 2/4/16
PAGE: 1 of

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
TELEPHONE: 206-438-2371
FAX:
Bill To Contact E-MAIL: renee.knecht@aecom.com

SITE ADDRESS, Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number:
EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Other ID:
SAMPLER NAME(S) (Print): L. Bures / C. Peters
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology
DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)
TEMPERATURE ON RECEIPT C°: Cooler #1 2.7°C Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST: LAB-55 BTEX; SI LAB-123 - WA NW Dx Water; LAB-35 MTBE; LAB-36 TBA; LAB-38 TBA; LAB-37 DIPE; LAB-38 TAME; LAB-39 ETBE; WA NWTPH-D
NON-UNIT COST: WA - NWTPH-Gx; 5 Oxygenates

FIELD NOTES:
TEMPERATURE ON RECEIPT C°: 2.7°C IR001
Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	BTEX	MTBE	TBA	TBA	DIPE	TAME	ETBE	NWTPH-D	NWTPH-Gx	Oxygenates
	GW-060493-020416-LB-MW1	2/4/16	0904	WG	X					8	X	X						X	X	X
	GW-060493-020416-CP-MW2		1312	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-MW3		1008	WG	X					8	X	X						X	X	X
	GW-060493-020416-CP-MW6		1135	WG	X					8	X	X						X	X	X
	GW-060493-020416-CP-MW8		1220	WG	X					8	X	X						X	X	X
	GW-060493-020416-CP-MW9		1100	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP1		1237	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP2		1307	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP3		1149	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP4		1111	WG	X					8	X	X						X	X	X

Relinquished by: (Signature)	Received by: (Signature) SHIPPED VIA FEDEX	Date 2/4/16	Time
Relinquished by: (Signature)	Received by: (Signature)	Date 2/5/16	Time 1025
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Version 14Dec15

Shell Oil Products US Chain Of Custody Record

AECOM

590-2793-04 Chain of Custody

Please Check Appropriate Box: JG ☐ PIPELINE ☑ RETAIL ☐ CHEMICALS ☐ CONSULTANT ☐ LUBES ☐ TRANSPORTATION ☐ OTHER

Print Bill To Contact Name: Renee Knecht

PO #:

PlaNet Site or Project ID:

GSAP Project ID:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/4/16

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle

State: WA

AECOM Project / Task Number:

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

E-MAIL: renee.knecht@aecom.com

SAMPLER NAME(S) (Print): L. BURES / C. PETERS

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST

LAB-55 BTEX	SI LAB-123 - WA MW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-38 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-Dx

NON-UNIT COST

WA - NWTPH-Gx	6 Oxygenates

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	BTEX	MTBE	TBA	TBA	DIPE	TAME	ETBE	WA NWTPH-Dx	WA - NWTPH-Gx	6 Oxygenates
	GW-060493-020416-LB-VP5	2/4/16	1035	WG	X					8	X	X						X	X	X
	GW-060493-020416-CP-VP6		1348	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP7		1330	WG	X					8	X	X						X	X	X
	GW-060493-020416-LB-VP8	↓	0957	WG	X					8	X	X						X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SHIPPED VIA FEDEX	2/4/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

LAB (LC
☐ ACCUTEST (
☐ CALSCIENCE (
☑ TESTAMERICA (
☐ Other (
Lab Vendor # 4364589 (TestAmerica)

590-2793-01 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

Check Appropriate Box:
☐ SGW FDG ☐ PIPELINE ☑ RETAIL
☐ CHEMICALS ☐ CONSULTANT ☐ LUBES
☐ TRANSPORTATION ☐ OTHER

Print Bill To Contact Name: Renee Knecht
PlaNet Site or Project ID:
PO #:
GSAP Project ID:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 2/4/16
PAGE: 1 of

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
SITE ADDRESS: Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number:
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO.: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Other ID
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
TELEPHONE: 206-438-2371
FAX:
E-mail To Contact: renee.knecht@aecom.com
SAMPLER NAME(S) (Print): L. Bures / C. Peters
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology
DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)
TEMPERATURE ON RECEIPT C° Cooler #1 2.8C Cooler #2 3.3 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES : 72001
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	UNIT COST: LAB-55 BTEX	LAB-123 - WA NW Dx Water	LAB-36 MTBE	LAB-36 TBA	LAB-38 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-D	NON-UNIT COST: WA - NWTPH-Gx	6 Oxygenates	FIELD NOTES: Container PID Readings or Laboratory Notes
	GW-060493-020416-LB-MW1	2/4/16	0904	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW2		1312	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-MW3		1008	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW6		1135	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW8		1220	WG	X					8	X	X							X	X	X	
	GW-060493-020416-CP-MW9		1100	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP1		1237	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP2		1307	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP3		1149	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP4		1111	WG	X					8	X	X							X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SHIPPED VIA FEDEX	2/4/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		2/8/16	10:25
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

2.8

2/17/2016

LAB (LOCA
☐ ACCUTEST (_____)
☐ CALSCIENCE (_____)
☑ TESTAMERICA (_____)
☐ Other (_____)
Lab Vendor # 1364589 (TestAmerica)

590-2793-02 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

k Appropriate Box:		Print Bill To Contact Name:	PlaNet Site or Project ID	☐ CHECK IF NO INCIDENT # APPLIES
PELINE	☑ RETAIL	Renee Knecht		DATE: 2/4/16
ONSULTANT	☐ LUBES	PO #	GSAP Project ID	PAGE: 2 of 2
☐ TRANSPORTATION	☐ OTHER			

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	AECOM Project / Task Number
Blaine Tech Services, Inc.	BTSS	210 NE 45th St., Seattle	WA	

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	AECOM Other ID
1680 Rogers Ave., San Jose, CA, 95112	Renee Knecht, AECOM, Seattle, WA	206-438-2371	renee.knecht@aecom.com	

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE:	FAX:	Blaine Contact E-MAIL:	SAMPLER NAME(S) (Print):	LAB USE ONLY
206-438-2371		Renee.knecht@aecom.com	L. Bores / C. Peters	

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°	Cooler #1	Cooler #2	Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE EDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	UNIT COST: LAB-55 BTEX	LAB-123 - WA NW Dx Water	LAB-36 MTBE	LAB-39 TBA	LAB-56 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	WA NWTPH-G	NON-UNIT COST: WA - NWTPH-Dx	6 Oxygenates	FIELD NOTES: Container PID Readings or Laboratory Notes
	GW-060493-020416-LB-VP5	2/4/16	1035	WG	X					8	X	X							X	X	X	TEMPERATURE ON RECEIPT C°
	GW-060493-020416-LB-VP6		1348	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP7		1336	WG	X					8	X	X							X	X	X	
	GW-060493-020416-LB-VP8	↓	0937	WG	X					8	X	X							X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SHIPPED VIA FEDEX	2/4/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

2/17/2016

590-2793-03 Chain of Custody

Shell Oil Products US Chain Of Custody Record

AECOM

2/17/2016

Page 35 of 37

☑ TESTAMERICA (_____)
☐ Other (_____)
Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box:

☐ XG	☐ PIPELINE	☑ RETAIL
☐ CHEMICALS	☐ CONSULTANT	☐ LUBES
☐ TRANSPORTATION	☐ OTHER _____	

Print Bill To Contact Name: Renee Knecht

PlaNet Site or Project ID:

PO #:

GSAP Project ID:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/4/16

PAGE: 1 of _____

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle

State: WA

AECOM Project / Task Number:

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

Bill To Contact E-MAIL: renee.knecht@aecom.com

SAMPLER NAME(S) (Print): L. Bures / C. Peters

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°: Cooler #1 2.7°C | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST: LAB-55 BTEX; SI LAB-123 - WA NW Dx Water; LAB-55 MTBE; LAB-36 TBA; LAB-36 TBA; LAB-37 DIPE; LAB-38 TAME; LAB-39 ETBE; WA NWTPH-D

NON-UNIT COST: WA - NWTPH-Gx; 5 Oxygenates

FIELD NOTES:

TEMPERATURE ON RECEIPT C°: 2.7°C IR001

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	BTEX	SI LAB-123	MTBE	TBA	TBA	DIPE	TAME	ETBE	WA NWTPH-D	WA - NWTPH-Gx	5 Oxygenates
	GN-060493-020416-LB-MW-1	2/4/16	0904	WG	X					8	X	X							X	X	X
	GN-060493-020416-CP-MW-2		1312	WG	X					8	X	X							X	X	X
	GN-060493-020416-LB-MW-3		1008	WG	X					8	X	X							X	X	X
	GN-060493-020416-CP-MW-6		1135	WG	X					8	X	X							X	X	X
	GN-060493-020416-CP-MW-8		1220	WG	X					8	X	X							X	X	X
	GN-060493-020416-CP-MW-9		1100	WG	X					8	X	X							X	X	X
	GN-060493-020416-LB-VP-1		1237	WG	X					8	X	X							X	X	X
	GN-060493-020416-LB-VP-2		1307	WG	X					8	X	X							X	X	X
	GN-060493-020416-LB-VP-3		1149	WG	X					8	X	X							X	X	X
	GN-060493-020416-LB-VP-4		1111	WG	X					8	X	X							X	X	X

Relinquished by: (Signature)	Received by: (Signature) SHIPPED VIA FEDEX	Date 2/4/16	Time
Relinquished by: (Signature)	Received by: (Signature)	Date 2/5/16	Time 1025
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Version: 14Dec15

590-2793-04 Chain of Custody

Lab Vendor # 1364589 (TestAmerica)

Shell Oil Products US Chain Of Custody Record

AECOM

Please Check Appropriate Box: ☐ ...G ☐ PIPELINE ☑ RETAIL ☐ CHEMICALS ☐ CONSULTANT ☐ LUBES ☐ TRANSPORTATION ☐ OTHER ______

☐ Other ( )

Print Bill To Contact Name: Renee Knecht

PlaNet Site or Project ID:

PO #:

GSAP Project ID:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/4/16

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

E-MAIL: renee.knecht@aecom.com

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle

State: WA

AECOM Project / Task Number:

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID:

SAMPLER NAME(S) (Print): L. Bures / C. Peters

LAB USE ONLY:

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) ______

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS — UNIT COST: LAB-66 BTEX; St LAB-123 - WA NW Dx Water; LAB-35 MTBE; LAB-36 TBA; LAB-38 TBA; LAB-37 DIPE; LAB-38 TAME; LAB-39 ETBE; WA NWTPH-D. NON-UNIT COST: WA - NWTPH-Gx; 5 Oxygenates

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	Sampling Date	Sampling Time	Matrix	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-66 BTEX	St LAB-123 - WA NW Dx Water	WA NWTPH-D	WA - NWTPH-Gx	5 Oxygenates
	GW-060493-020416-LB-VP5	2/4/16	1035	WG	X					8	X	X	X	X	X
	GW-060493-020416-CP-VP6	↓	1348	WG	X					8	X	X	X	X	X
	GW-060493-020416-LB-VP7	↓	1336	WG	X					8	X	X	X	X	X
	GW-060493-020416-LB-VP8	↓	0937	WG	X					8	X	X	X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Shipped Via FedEx	2/4/16	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 590-2793-1

Login Number: 2793
List Number: 1
Creator: Kratz, Sheila J

List Source: TestAmerica Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: 590-4153-1
Client Project/Site: 210 NE 45th St., Seattle (60482000)

For:
AECOM, Inc.
1111 Third AVe
Suite 1600
Seattle, Washington 98101

Attn: Renee Knecht

Authorized for release by:
8/10/2016 12:47:09 PM

Randee Arrington, Project Manager II
(509)924-9200
randee.arrington@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Job ID: 590-4153-1

Laboratory: TestAmerica Spokane

Narrative

Receipt
The samples were received on 8/5/2016 3:52 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.0º C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): TB (590-4153-13). The container labels lists a collection date of 08/02/2016, while the COC lists 08/03/2016. The sample was logged in according to the container label.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-4153-1	GW-060493-080216-CP-MW-1	Water	08/02/16 09:39	08/05/16 15:52
590-4153-2	GW-060493-080216-CP-MW-2	Water	08/02/16 13:07	08/05/16 15:52
590-4153-3	GW-060493-080216-CP-MW-3	Water	08/02/16 10:01	08/05/16 15:52
590-4153-4	GW-060493-080216-CP-MW-8	Water	08/02/16 10:39	08/05/16 15:52
590-4153-5	GW-060493-080216-CP-VP-1	Water	08/02/16 11:39	08/05/16 15:52
590-4153-6	GW-060493-080216-CP-VP-2	Water	08/02/16 12:09	08/05/16 15:52
590-4153-7	GW-060493-080216-CP-VP-3	Water	08/02/16 12:31	08/05/16 15:52
590-4153-8	GW-060493-080316-CP-VP-4	Water	08/03/16 08:10	08/05/16 15:52
590-4153-9	GW-060493-080316-CP-VP-5	Water	08/03/16 08:43	08/05/16 15:52
590-4153-10	GW-060493-080216-CP-VP-6	Water	08/02/16 13:37	08/05/16 15:52
590-4153-11	GW-060493-080316-CP-VP-7	Water	08/03/16 07:39	08/05/16 15:52
590-4153-12	GW-060493-080316-CP-VP-8	Water	08/03/16 09:19	08/05/16 15:52
590-4153-13	TB	Water	08/02/16 07:45	08/05/16 15:52
590-4153-14	TB	Water	08/03/16 07:15	08/05/16 15:52

Method Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Detection Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: GW-060493-080216-CP-MW-1 — Lab Sample ID: 590-4153-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	0.350	J	2.00	0.280	ug/L	1		8260C	Total/NA
o-Xylene	0.333	J	1.00	0.162	ug/L	1		8260C	Total/NA
Xylenes, Total	0.683	J	3.00	0.162	ug/L	1		8260C	Total/NA
Gasoline	21.5	J	100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.136		0.121	0.0404	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-MW-2 — Lab Sample ID: 590-4153-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.396		0.200	0.0930	ug/L	1		8260C	Total/NA
Ethylbenzene	190		10.0	1.98	ug/L	10		8260C	Total/NA
m,p-Xylene	29.0		2.00	0.280	ug/L	1		8260C	Total/NA
o-Xylene	2.66		1.00	0.162	ug/L	1		8260C	Total/NA
Toluene	1.71		1.00	0.312	ug/L	1		8260C	Total/NA
Xylenes, Total	31.7		3.00	0.162	ug/L	1		8260C	Total/NA
Gasoline	1120		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.658		0.122	0.0407	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-MW-3 — Lab Sample ID: 590-4153-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.149		0.123	0.0410	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-MW-8 — Lab Sample ID: 590-4153-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.0485	J	0.122	0.0405	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-VP-1 — Lab Sample ID: 590-4153-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.0850	J	0.121	0.0405	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-VP-2 — Lab Sample ID: 590-4153-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.124		0.122	0.0405	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-VP-3 — Lab Sample ID: 590-4153-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	9.57		0.200	0.0930	ug/L	1		8260C	Total/NA
Ethylbenzene	0.780	J	1.00	0.198	ug/L	1		8260C	Total/NA
o-Xylene	0.564	J	1.00	0.162	ug/L	1		8260C	Total/NA
Toluene	0.541	J	1.00	0.312	ug/L	1		8260C	Total/NA
Xylenes, Total	0.564	J	3.00	0.162	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: GW-060493-080216-CP-VP-3 (Continued) — Lab Sample ID: 590-4153-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	453		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	3.30		0.124	0.0413	mg/L	1		NWTPH-Dx	Total/NA
Residual Range Organics (RRO) (C25-C36)	0.154	J	0.206	0.0619	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080316-CP-VP-4 — Lab Sample ID: 590-4153-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO) (C10-C25)	0.0408	J	0.122	0.0406	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080316-CP-VP-5 — Lab Sample ID: 590-4153-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.398	J	1.00	0.198	ug/L	1		8260C	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.0511	J	0.124	0.0414	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080216-CP-VP-6 — Lab Sample ID: 590-4153-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.289		0.200	0.0930	ug/L	1		8260C	Total/NA
Ethylbenzene	1.78		1.00	0.198	ug/L	1		8260C	Total/NA
m,p-Xylene	1.05	J	2.00	0.280	ug/L	1		8260C	Total/NA
o-Xylene	1.12		1.00	0.162	ug/L	1		8260C	Total/NA
Xylenes, Total	2.17	J	3.00	0.162	ug/L	1		8260C	Total/NA
Gasoline	197		100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	0.209		0.121	0.0404	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080316-CP-VP-7 — Lab Sample ID: 590-4153-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1990		20.0	9.30	ug/L	100		8260C	Total/NA
Ethylbenzene	408		100	19.8	ug/L	100		8260C	Total/NA
m,p-Xylene	1130		200	28.0	ug/L	100		8260C	Total/NA
o-Xylene	334		100	16.2	ug/L	100		8260C	Total/NA
Toluene	341		100	31.2	ug/L	100		8260C	Total/NA
Xylenes, Total	1460		300	16.2	ug/L	100		8260C	Total/NA
Gasoline	8350	J	10000	1780	ug/L	100		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	2.62		0.124	0.0412	mg/L	1		NWTPH-Dx	Total/NA
Residual Range Organics (RRO) (C25-C36)	0.271		0.206	0.0618	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: GW-060493-080316-CP-VP-8 — Lab Sample ID: 590-4153-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.546		0.200	0.0930	ug/L	1		8260C	Total/NA
Ethylbenzene	0.427	J	1.00	0.198	ug/L	1		8260C	Total/NA
m,p-Xylene	0.609	J	2.00	0.280	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-060493-080316-CP-VP-8 (Continued)

Lab Sample ID: 590-4153-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.526	J	1.00	0.162	ug/L	1		8260C	Total/NA
Xylenes, Total	1.14	J	3.00	0.162	ug/L	1		8260C	Total/NA
Gasoline	36.5	J	100	17.8	ug/L	1		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	1.82		0.122	0.0406	mg/L	1		NWTPH-Dx	Total/NA
Residual Range Organics (RRO) (C25-C36)	0.185	J	0.203	0.0608	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: TB

Lab Sample ID: 590-4153-13

No Detections.

Client Sample ID: TB

Lab Sample ID: 590-4153-14

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-060493-080216-CP-MW-1

Lab Sample ID: 590-4153-1

Date Collected: 08/02/16 09:39

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 12:58	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 12:58	1
m,p-Xylene	**0.350**	**J**	2.00	0.280	ug/L			08/08/16 12:58	1
o-Xylene	**0.333**	**J**	1.00	0.162	ug/L			08/08/16 12:58	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 12:58	1
Xylenes, Total	**0.683**	**J**	3.00	0.162	ug/L			08/08/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 125*		*08/08/16 12:58*	*1*
4-Bromofluorobenzene (Surr)	*110*		*69 - 120*		*08/08/16 12:58*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*08/08/16 12:58*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/08/16 12:58*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**21.5**	**J**	100	17.8	ug/L			08/08/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*68.7 - 141*		*08/08/16 12:58*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.136**		0.121	0.0404	mg/L		08/08/16 14:04	08/08/16 18:58	1
Residual Range Organics (RRO) (C25-C36)	ND		0.202	0.0606	mg/L		08/08/16 14:04	08/08/16 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*08/08/16 14:04*	*08/08/16 18:58*	*1*
n-Triacontane-d62	*78*		*50 - 150*	*08/08/16 14:04*	*08/08/16 18:58*	*1*

Client Sample ID: GW-060493-080216-CP-MW-2

Lab Sample ID: 590-4153-2

Date Collected: 08/02/16 13:07

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.396**		0.200	0.0930	ug/L			08/08/16 13:20	1
Ethylbenzene	**190**		10.0	1.98	ug/L			08/09/16 11:59	10
m,p-Xylene	**29.0**		2.00	0.280	ug/L			08/08/16 13:20	1
o-Xylene	**2.66**		1.00	0.162	ug/L			08/08/16 13:20	1
Toluene	**1.71**		1.00	0.312	ug/L			08/08/16 13:20	1
Xylenes, Total	**31.7**		3.00	0.162	ug/L			08/08/16 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 125*		*08/08/16 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 125*		*08/09/16 11:59*	*10*
4-Bromofluorobenzene (Surr)	*98*		*69 - 120*		*08/08/16 13:20*	*1*
4-Bromofluorobenzene (Surr)	*102*		*69 - 120*		*08/09/16 11:59*	*10*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*08/08/16 13:20*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/09/16 11:59*	*10*

Client Sample ID: GW-060493-080216-CP-MW-2

Lab Sample ID: 590-4153-2

Date Collected: 08/02/16 13:07

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/08/16 13:20*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/09/16 11:59*	*10*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**1120**		100	17.8	ug/L			08/08/16 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*68.7 - 141*		*08/08/16 13:20*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.658**		0.122	0.0407	mg/L		08/08/16 14:04	08/08/16 19:15	1
Residual Range Organics (RRO) (C25-C36)	ND		0.203	0.0610	mg/L		08/08/16 14:04	08/08/16 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*77*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:15*	*1*
n-Triacontane-d62	*78*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:15*	*1*

Client Sample ID: GW-060493-080216-CP-MW-3

Lab Sample ID: 590-4153-3

Date Collected: 08/02/16 10:01

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 14:26	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 14:26	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 14:26	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 14:26	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 14:26	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 125*		*08/08/16 14:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*69 - 120*		*08/08/16 14:26*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*08/08/16 14:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/08/16 14:26*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*68.7 - 141*		*08/08/16 14:26*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.149**		0.123	0.0410	mg/L		08/08/16 14:04	08/08/16 19:33	1

Client Sample ID: GW-060493-080216-CP-MW-3

Lab Sample ID: 590-4153-3

Date Collected: 08/02/16 10:01

Matrix: Water

Date Received: 08/05/16 15:52

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Residual Range Organics (RRO) (C25-C36)	ND		0.205	0.0614	mg/L		08/08/16 14:04	08/08/16 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:33*	*1*
n-Triacontane-d62	*75*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:33*	*1*

Client Sample ID: GW-060493-080216-CP-MW-8

Lab Sample ID: 590-4153-4

Date Collected: 08/02/16 10:39

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 15:11	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 15:11	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 15:11	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 15:11	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 15:11	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 125*		*08/08/16 15:11*	*1*
4-Bromofluorobenzene (Surr)	*107*		*69 - 120*		*08/08/16 15:11*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*08/08/16 15:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/08/16 15:11*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68.7 - 141*		*08/08/16 15:11*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.0485**	**J**	0.122	0.0405	mg/L		08/08/16 14:04	08/08/16 19:51	1
Residual Range Organics (RRO) (C25-C36)	ND		0.203	0.0608	mg/L		08/08/16 14:04	08/08/16 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:51*	*1*
n-Triacontane-d62	*90*		*50 - 150*	*08/08/16 14:04*	*08/08/16 19:51*	*1*

Client Sample ID: GW-060493-080216-CP-VP-1

Lab Sample ID: 590-4153-5

Date Collected: 08/02/16 11:39

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 15:33	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 15:33	1

Client Sample ID: GW-060493-080216-CP-VP-1

Lab Sample ID: 590-4153-5

Date Collected: 08/02/16 11:39

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 15:33	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 15:33	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 15:33	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 125*		*08/08/16 15:33*	*1*
4-Bromofluorobenzene (Surr)	*101*		*69 - 120*		*08/08/16 15:33*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/08/16 15:33*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/08/16 15:33*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*68.7 - 141*		*08/08/16 15:33*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.0850**	**J**	0.121	0.0405	mg/L		08/08/16 14:04	08/08/16 20:09	1
Residual Range Organics (RRO) (C25-C36)	ND		0.202	0.0607	mg/L		08/08/16 14:04	08/08/16 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*50 - 150*	*08/08/16 14:04*	*08/08/16 20:09*	*1*
n-Triacontane-d62	*79*		*50 - 150*	*08/08/16 14:04*	*08/08/16 20:09*	*1*

Client Sample ID: GW-060493-080216-CP-VP-2

Lab Sample ID: 590-4153-6

Date Collected: 08/02/16 12:09

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 15:56	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 15:56	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 15:56	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 15:56	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 15:56	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 125*		*08/08/16 15:56*	*1*
4-Bromofluorobenzene (Surr)	*105*		*69 - 120*		*08/08/16 15:56*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/08/16 15:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/08/16 15:56*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 15:56	1

Client Sample ID: GW-060493-080216-CP-VP-2

Lab Sample ID: 590-4153-6

Date Collected: 08/02/16 12:09

Matrix: Water

Date Received: 08/05/16 15:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		68.7 - 141		08/08/16 15:56	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.124**		0.122	0.0405	mg/L		08/08/16 14:04	08/08/16 20:26	1
Residual Range Organics (RRO) (C25-C36)	ND		0.203	0.0608	mg/L		08/08/16 14:04	08/08/16 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150	08/08/16 14:04	08/08/16 20:26	1
n-Triacontane-d62	76		50 - 150	08/08/16 14:04	08/08/16 20:26	1

Client Sample ID: GW-060493-080216-CP-VP-3

Lab Sample ID: 590-4153-7

Date Collected: 08/02/16 12:31

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**9.57**		0.200	0.0930	ug/L			08/08/16 16:18	1
Ethylbenzene	**0.780**	**J**	1.00	0.198	ug/L			08/08/16 16:18	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 16:18	1
o-Xylene	**0.564**	**J**	1.00	0.162	ug/L			08/08/16 16:18	1
Toluene	**0.541**	**J**	1.00	0.312	ug/L			08/08/16 16:18	1
Xylenes, Total	**0.564**	**J**	3.00	0.162	ug/L			08/08/16 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 125		08/08/16 16:18	1
4-Bromofluorobenzene (Surr)	120		69 - 120		08/08/16 16:18	1
Dibromofluoromethane (Surr)	109		80 - 120		08/08/16 16:18	1
Toluene-d8 (Surr)	104		80 - 120		08/08/16 16:18	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**453**		100	17.8	ug/L			08/08/16 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		68.7 - 141		08/08/16 16:18	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**3.30**		0.124	0.0413	mg/L		08/08/16 14:04	08/08/16 20:44	1
Residual Range Organics (RRO) (C25-C36)	**0.154**	**J**	0.206	0.0619	mg/L		08/08/16 14:04	08/08/16 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150	08/08/16 14:04	08/08/16 20:44	1
n-Triacontane-d62	76		50 - 150	08/08/16 14:04	08/08/16 20:44	1

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: GW-060493-080316-CP-VP-4

Lab Sample ID: 590-4153-8

Date Collected: 08/03/16 08:10

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 16:40	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 16:40	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 16:40	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 16:40	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 16:40	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 125*		*08/08/16 16:40*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 120*		*08/08/16 16:40*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/08/16 16:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/08/16 16:40*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*68.7 - 141*		*08/08/16 16:40*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.0408**	**J**	0.122	0.0406	mg/L		08/08/16 14:04	08/08/16 21:02	1
Residual Range Organics (RRO) (C25-C36)	ND		0.203	0.0609	mg/L		08/08/16 14:04	08/08/16 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:02*	*1*
n-Triacontane-d62	*87*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:02*	*1*

Client Sample ID: GW-060493-080316-CP-VP-5

Lab Sample ID: 590-4153-9

Date Collected: 08/03/16 08:43

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 17:02	1
Ethylbenzene	**0.398**	**J**	1.00	0.198	ug/L			08/08/16 17:02	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 17:02	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 17:02	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 17:02	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 125*		*08/08/16 17:02*	*1*
4-Bromofluorobenzene (Surr)	*101*		*69 - 120*		*08/08/16 17:02*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*08/08/16 17:02*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/08/16 17:02*	*1*

Client Sample ID: GW-060493-080316-CP-VP-5

Lab Sample ID: 590-4153-9

Date Collected: 08/03/16 08:43

Matrix: Water

Date Received: 08/05/16 15:52

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*68.7 - 141*		*08/08/16 17:02*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.0511**	**J**	0.124	0.0414	mg/L		08/08/16 14:04	08/08/16 21:38	1
Residual Range Organics (RRO) (C25-C36)	ND		0.207	0.0622	mg/L		08/08/16 14:04	08/08/16 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:38*	*1*
n-Triacontane-d62	*82*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:38*	*1*

Client Sample ID: GW-060493-080216-CP-VP-6

Lab Sample ID: 590-4153-10

Date Collected: 08/02/16 13:37

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.289**		0.200	0.0930	ug/L			08/08/16 17:24	1
Ethylbenzene	**1.78**		1.00	0.198	ug/L			08/08/16 17:24	1
m,p-Xylene	**1.05**	**J**	2.00	0.280	ug/L			08/08/16 17:24	1
o-Xylene	**1.12**		1.00	0.162	ug/L			08/08/16 17:24	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 17:24	1
Xylenes, Total	**2.17**	**J**	3.00	0.162	ug/L			08/08/16 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 125*		*08/08/16 17:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 120*		*08/08/16 17:24*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/08/16 17:24*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/08/16 17:24*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**197**		100	17.8	ug/L			08/08/16 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68.7 - 141*		*08/08/16 17:24*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**0.209**		0.121	0.0404	mg/L		08/08/16 14:04	08/08/16 21:55	1
Residual Range Organics (RRO) (C25-C36)	ND		0.202	0.0607	mg/L		08/08/16 14:04	08/08/16 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:55*	*1*
n-Triacontane-d62	*74*		*50 - 150*	*08/08/16 14:04*	*08/08/16 21:55*	*1*

Client Sample ID: GW-060493-080316-CP-VP-7

Lab Sample ID: 590-4153-11

Date Collected: 08/03/16 07:39

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1990		20.0	9.30	ug/L			08/09/16 12:21	100
Ethylbenzene	408		100	19.8	ug/L			08/09/16 12:21	100
m,p-Xylene	1130		200	28.0	ug/L			08/09/16 12:21	100
o-Xylene	334		100	16.2	ug/L			08/09/16 12:21	100
Toluene	341		100	31.2	ug/L			08/09/16 12:21	100
Xylenes, Total	1460		300	16.2	ug/L			08/09/16 12:21	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 125*		*08/09/16 12:21*	*100*
4-Bromofluorobenzene (Surr)	*95*		*69 - 120*		*08/09/16 12:21*	*100*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/09/16 12:21*	*100*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/09/16 12:21*	*100*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8350	J	10000	1780	ug/L			08/09/16 12:21	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68.7 - 141*		*08/09/16 12:21*	*100*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	2.62		0.124	0.0412	mg/L		08/08/16 14:04	08/08/16 22:13	1
Residual Range Organics (RRO) (C25-C36)	0.271		0.206	0.0618	mg/L		08/08/16 14:04	08/08/16 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*08/08/16 14:04*	*08/08/16 22:13*	*1*
n-Triacontane-d62	*90*		*50 - 150*	*08/08/16 14:04*	*08/08/16 22:13*	*1*

Client Sample ID: GW-060493-080316-CP-VP-8

Lab Sample ID: 590-4153-12

Date Collected: 08/03/16 09:19

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.546		0.200	0.0930	ug/L			08/09/16 12:43	1
Ethylbenzene	0.427	J	1.00	0.198	ug/L			08/09/16 12:43	1
m,p-Xylene	0.609	J	2.00	0.280	ug/L			08/09/16 12:43	1
o-Xylene	0.526	J	1.00	0.162	ug/L			08/09/16 12:43	1
Toluene	ND		1.00	0.312	ug/L			08/09/16 12:43	1
Xylenes, Total	1.14	J	3.00	0.162	ug/L			08/09/16 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 125*		*08/09/16 12:43*	*1*
4-Bromofluorobenzene (Surr)	*103*		*69 - 120*		*08/09/16 12:43*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/09/16 12:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/09/16 12:43*	*1*

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: GW-060493-080316-CP-VP-8

Lab Sample ID: 590-4153-12

Date Collected: 08/03/16 09:19

Matrix: Water

Date Received: 08/05/16 15:52

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	36.5	J	100	17.8	ug/L			08/09/16 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68.7 - 141*		*08/09/16 12:43*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	1.82		0.122	0.0406	mg/L		08/08/16 14:04	08/08/16 22:31	1
Residual Range Organics (RRO) (C25-C36)	0.185	J	0.203	0.0608	mg/L		08/08/16 14:04	08/08/16 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*50 - 150*	*08/08/16 14:04*	*08/08/16 22:31*	*1*
n-Triacontane-d62	*83*		*50 - 150*	*08/08/16 14:04*	*08/08/16 22:31*	*1*

Client Sample ID: TB

Lab Sample ID: 590-4153-13

Date Collected: 08/02/16 07:45

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 18:52	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 18:52	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 18:52	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 18:52	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 18:52	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 125*		*08/08/16 18:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*69 - 120*		*08/08/16 18:52*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/08/16 18:52*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/08/16 18:52*	*1*

Client Sample ID: TB

Lab Sample ID: 590-4153-14

Date Collected: 08/03/16 07:15

Matrix: Water

Date Received: 08/05/16 15:52

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 19:14	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 19:14	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 19:14	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 19:14	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 19:14	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 125*		*08/08/16 19:14*	*1*
4-Bromofluorobenzene (Surr)	*105*		*69 - 120*		*08/08/16 19:14*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/08/16 19:14*	*1*

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: TB
Date Collected: 08/03/16 07:15
Date Received: 08/05/16 15:52

Lab Sample ID: 590-4153-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		08/08/16 19:14	1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-7952/5
Matrix: Water
Analysis Batch: 7952

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/08/16 10:23	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/08/16 10:23	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/08/16 10:23	1
o-Xylene	ND		1.00	0.162	ug/L			08/08/16 10:23	1
Toluene	ND		1.00	0.312	ug/L			08/08/16 10:23	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/08/16 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 125*		*08/08/16 10:23*	*1*
4-Bromofluorobenzene (Surr)	*103*		*69 - 120*		*08/08/16 10:23*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*08/08/16 10:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/08/16 10:23*	*1*

Lab Sample ID: LCS 590-7952/1003
Matrix: Water
Analysis Batch: 7952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			10.0	9.922		ug/L		99	80 - 120		
Ethylbenzene			10.0	10.25		ug/L		102	80 - 120		
m,p-Xylene			10.0	10.42		ug/L		104	80 - 120		
o-Xylene			10.0	9.860		ug/L		99	80 - 120		
Toluene			10.0	10.11		ug/L		101	80 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 125*
4-Bromofluorobenzene (Surr)	*93*		*69 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 590-4153-2 MS
Matrix: Water
Analysis Batch: 7952

Client Sample ID: GW-060493-080216-CP-MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	0.396		10.0	10.39		ug/L		100	50 - 150		
Ethylbenzene	219	E	10.0	203.0	E 4	ug/L		-165	50 - 150		
m,p-Xylene	29.0		10.0	35.70		ug/L		67	50 - 150		
o-Xylene	2.66		10.0	11.26		ug/L		86	50 - 150		
Toluene	1.71		10.0	11.56		ug/L		99	50 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 125*
4-Bromofluorobenzene (Surr)	*101*		*69 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 590-7971/1003
Matrix: Water
Analysis Batch: 7971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.13		ug/L		101	80 - 120
Ethylbenzene	10.0	9.769		ug/L		98	80 - 120
m,p-Xylene	10.0	10.15		ug/L		101	80 - 120
o-Xylene	10.0	9.348		ug/L		93	80 - 120
Toluene	10.0	9.969		ug/L		100	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 125*
4-Bromofluorobenzene (Surr)	*95*		*69 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 590-7971/12
Matrix: Water
Analysis Batch: 7971

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.854		ug/L		99	80 - 120	3	25
Ethylbenzene	10.0	9.996		ug/L		100	80 - 120	2	25
m,p-Xylene	10.0	10.56		ug/L		106	80 - 120	4	25
o-Xylene	10.0	10.09		ug/L		101	80 - 120	8	25
Toluene	10.0	10.05		ug/L		100	80 - 123	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 125*
4-Bromofluorobenzene (Surr)	*103*		*69 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-7953/5
Matrix: Water
Analysis Batch: 7953

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/08/16 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68.7 - 141*		*08/08/16 10:23*	*1*

Lab Sample ID: LCS 590-7953/1004
Matrix: Water
Analysis Batch: 7953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	990	954.8		ug/L		96	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		68.7 - 141

Lab Sample ID: 590-4153-3 MS
Matrix: Water
Analysis Batch: 7953

Client Sample ID: GW-060493-080216-CP-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		990	787.5		ug/L		80	55.6 - 126

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		68.7 - 141

Lab Sample ID: LCS 590-7973/1004
Matrix: Water
Analysis Batch: 7973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	990	900.1		ug/L		91	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		68.7 - 141

Lab Sample ID: LCSD 590-7973/1013
Matrix: Water
Analysis Batch: 7973

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	990	934.3		ug/L		94	80 - 120	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		68.7 - 141

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-7963/1-A
Matrix: Water
Analysis Batch: 7964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		0.120	0.0400	mg/L		08/08/16 14:04	08/08/16 18:23	1
Residual Range Organics (RRO) (C25-C36)	ND		0.200	0.0600	mg/L		08/08/16 14:04	08/08/16 18:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	08/08/16 14:04	08/08/16 18:23	1
n-Triacontane-d62	81		50 - 150	08/08/16 14:04	08/08/16 18:23	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 590-7963/2-A
Matrix: Water
Analysis Batch: 7964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7963

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO) (C10-C25)			4.02	2.966		mg/L		74	50 - 150		
Residual Range Organics (RRO) (C25-C36)			4.01	3.648		mg/L		91	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*88*		*50 - 150*
n-Triacontane-d62	*87*		*50 - 150*

GC/MS VOA

Analysis Batch: 7952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-1	GW-060493-080216-CP-MW-1	Total/NA	Water	8260C	
590-4153-2	GW-060493-080216-CP-MW-2	Total/NA	Water	8260C	
590-4153-3	GW-060493-080216-CP-MW-3	Total/NA	Water	8260C	
590-4153-4	GW-060493-080216-CP-MW-8	Total/NA	Water	8260C	
590-4153-5	GW-060493-080216-CP-VP-1	Total/NA	Water	8260C	
590-4153-6	GW-060493-080216-CP-VP-2	Total/NA	Water	8260C	
590-4153-7	GW-060493-080216-CP-VP-3	Total/NA	Water	8260C	
590-4153-8	GW-060493-080316-CP-VP-4	Total/NA	Water	8260C	
590-4153-9	GW-060493-080316-CP-VP-5	Total/NA	Water	8260C	
590-4153-10	GW-060493-080216-CP-VP-6	Total/NA	Water	8260C	
590-4153-13	TB	Total/NA	Water	8260C	
590-4153-14	TB	Total/NA	Water	8260C	
MB 590-7952/5	Method Blank	Total/NA	Water	8260C	
LCS 590-7952/1003	Lab Control Sample	Total/NA	Water	8260C	
590-4153-2 MS	GW-060493-080216-CP-MW-2	Total/NA	Water	8260C	

Analysis Batch: 7953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-1	GW-060493-080216-CP-MW-1	Total/NA	Water	NWTPH-Gx	
590-4153-2	GW-060493-080216-CP-MW-2	Total/NA	Water	NWTPH-Gx	
590-4153-3	GW-060493-080216-CP-MW-3	Total/NA	Water	NWTPH-Gx	
590-4153-4	GW-060493-080216-CP-MW-8	Total/NA	Water	NWTPH-Gx	
590-4153-5	GW-060493-080216-CP-VP-1	Total/NA	Water	NWTPH-Gx	
590-4153-6	GW-060493-080216-CP-VP-2	Total/NA	Water	NWTPH-Gx	
590-4153-7	GW-060493-080216-CP-VP-3	Total/NA	Water	NWTPH-Gx	
590-4153-8	GW-060493-080316-CP-VP-4	Total/NA	Water	NWTPH-Gx	
590-4153-9	GW-060493-080316-CP-VP-5	Total/NA	Water	NWTPH-Gx	
590-4153-10	GW-060493-080216-CP-VP-6	Total/NA	Water	NWTPH-Gx	
MB 590-7953/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 590-7953/1004	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
590-4153-3 MS	GW-060493-080216-CP-MW-3	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 7971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-2	GW-060493-080216-CP-MW-2	Total/NA	Water	8260C	
590-4153-11	GW-060493-080316-CP-VP-7	Total/NA	Water	8260C	
590-4153-12	GW-060493-080316-CP-VP-8	Total/NA	Water	8260C	
LCS 590-7971/1003	Lab Control Sample	Total/NA	Water	8260C	
LCSD 590-7971/12	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 7973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-11	GW-060493-080316-CP-VP-7	Total/NA	Water	NWTPH-Gx	
590-4153-12	GW-060493-080316-CP-VP-8	Total/NA	Water	NWTPH-Gx	
LCS 590-7973/1004	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 590-7973/1013	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

QC Association Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

GC Semi VOA

Prep Batch: 7963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-1	GW-060493-080216-CP-MW-1	Total/NA	Water	3510C	
590-4153-2	GW-060493-080216-CP-MW-2	Total/NA	Water	3510C	
590-4153-3	GW-060493-080216-CP-MW-3	Total/NA	Water	3510C	
590-4153-4	GW-060493-080216-CP-MW-8	Total/NA	Water	3510C	
590-4153-5	GW-060493-080216-CP-VP-1	Total/NA	Water	3510C	
590-4153-6	GW-060493-080216-CP-VP-2	Total/NA	Water	3510C	
590-4153-7	GW-060493-080216-CP-VP-3	Total/NA	Water	3510C	
590-4153-8	GW-060493-080316-CP-VP-4	Total/NA	Water	3510C	
590-4153-9	GW-060493-080316-CP-VP-5	Total/NA	Water	3510C	
590-4153-10	GW-060493-080216-CP-VP-6	Total/NA	Water	3510C	
590-4153-11	GW-060493-080316-CP-VP-7	Total/NA	Water	3510C	
590-4153-12	GW-060493-080316-CP-VP-8	Total/NA	Water	3510C	
MB 590-7963/1-A	Method Blank	Total/NA	Water	3510C	
LCS 590-7963/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 7964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4153-1	GW-060493-080216-CP-MW-1	Total/NA	Water	NWTPH-Dx	7963
590-4153-2	GW-060493-080216-CP-MW-2	Total/NA	Water	NWTPH-Dx	7963
590-4153-3	GW-060493-080216-CP-MW-3	Total/NA	Water	NWTPH-Dx	7963
590-4153-4	GW-060493-080216-CP-MW-8	Total/NA	Water	NWTPH-Dx	7963
590-4153-5	GW-060493-080216-CP-VP-1	Total/NA	Water	NWTPH-Dx	7963
590-4153-6	GW-060493-080216-CP-VP-2	Total/NA	Water	NWTPH-Dx	7963
590-4153-7	GW-060493-080216-CP-VP-3	Total/NA	Water	NWTPH-Dx	7963
590-4153-8	GW-060493-080316-CP-VP-4	Total/NA	Water	NWTPH-Dx	7963
590-4153-9	GW-060493-080316-CP-VP-5	Total/NA	Water	NWTPH-Dx	7963
590-4153-10	GW-060493-080216-CP-VP-6	Total/NA	Water	NWTPH-Dx	7963
590-4153-11	GW-060493-080316-CP-VP-7	Total/NA	Water	NWTPH-Dx	7963
590-4153-12	GW-060493-080316-CP-VP-8	Total/NA	Water	NWTPH-Dx	7963
MB 590-7963/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	7963
LCS 590-7963/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	7963

Client Sample ID: GW-060493-080216-CP-MW-1

Lab Sample ID: 590-4153-1

Date Collected: 08/02/16 09:39

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 12:58	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 12:58	MRS	TAL SPK
Total/NA	Prep	3510C			247.4 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 18:58	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-MW-2

Lab Sample ID: 590-4153-2

Date Collected: 08/02/16 13:07

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 13:20	MRS	TAL SPK
Total/NA	Analysis	8260C		10	43 mL	43 mL	7971	08/09/16 11:59	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 13:20	MRS	TAL SPK
Total/NA	Prep	3510C			245.9 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 19:15	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-MW-3

Lab Sample ID: 590-4153-3

Date Collected: 08/02/16 10:01

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 14:26	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 14:26	MRS	TAL SPK
Total/NA	Prep	3510C			244.2 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 19:33	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-MW-8

Lab Sample ID: 590-4153-4

Date Collected: 08/02/16 10:39

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 15:11	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 15:11	MRS	TAL SPK
Total/NA	Prep	3510C			246.8 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 19:51	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-VP-1

Lab Sample ID: 590-4153-5

Date Collected: 08/02/16 11:39

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 15:33	MRS	TAL SPK

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 15:33	MRS	TAL SPK
Total/NA	Prep	3510C			247.1 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 20:09	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-VP-2

Lab Sample ID: 590-4153-6

Date Collected: 08/02/16 12:09

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 15:56	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 15:56	MRS	TAL SPK
Total/NA	Prep	3510C			246.8 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 20:26	NMI	TAL SPK

Client Sample ID: GW-060493-080216-CP-VP-3

Lab Sample ID: 590-4153-7

Date Collected: 08/02/16 12:31

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 16:18	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 16:18	MRS	TAL SPK
Total/NA	Prep	3510C			242.4 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 20:44	NMI	TAL SPK

Client Sample ID: GW-060493-080316-CP-VP-4

Lab Sample ID: 590-4153-8

Date Collected: 08/03/16 08:10

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 16:40	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 16:40	MRS	TAL SPK
Total/NA	Prep	3510C			246.5 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 21:02	NMI	TAL SPK

Client Sample ID: GW-060493-080316-CP-VP-5

Lab Sample ID: 590-4153-9

Date Collected: 08/03/16 08:43

Matrix: Water

Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 17:02	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 17:02	MRS	TAL SPK
Total/NA	Prep	3510C			241.3 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 21:38	NMI	TAL SPK

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Client Sample ID: GW-060493-080216-CP-VP-6

Lab Sample ID: 590-4153-10

Date Collected: 08/02/16 13:37
Matrix: Water
Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 17:24	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7953	08/08/16 17:24	MRS	TAL SPK
Total/NA	Prep	3510C			247.3 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 21:55	NMI	TAL SPK

Client Sample ID: GW-060493-080316-CP-VP-7

Lab Sample ID: 590-4153-11

Date Collected: 08/03/16 07:39
Matrix: Water
Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	43 mL	43 mL	7971	08/09/16 12:21	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		100	43 mL	43 mL	7973	08/09/16 12:21	MRS	TAL SPK
Total/NA	Prep	3510C			242.8 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 22:13	NMI	TAL SPK

Client Sample ID: GW-060493-080316-CP-VP-8

Lab Sample ID: 590-4153-12

Date Collected: 08/03/16 09:19
Matrix: Water
Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7971	08/09/16 12:43	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	7973	08/09/16 12:43	MRS	TAL SPK
Total/NA	Prep	3510C			246.6 mL	2 mL	7963	08/08/16 14:04	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			7964	08/08/16 22:31	NMI	TAL SPK

Client Sample ID: TB

Lab Sample ID: 590-4153-13

Date Collected: 08/02/16 07:45
Matrix: Water
Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 18:52	MRS	TAL SPK

Client Sample ID: TB

Lab Sample ID: 590-4153-14

Date Collected: 08/03/16 07:15
Matrix: Water
Date Received: 08/05/16 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	7952	08/08/16 19:14	MRS	TAL SPK

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St., Seattle (60482000)

TestAmerica Job ID: 590-4153-1

Laboratory: TestAmerica Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C569	01-06-17

Analysis Method	Prep Method	Matrix	Analyte

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
- ☐ ACCUTEST (_____)
- ☐ CALSCIENCE (_____)
- ☑ TESTAMERICA (_____)
- ☐ Other (_____)

Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box:
☐ GW FDG | ☐ PIPELINE | ☑ RETAIL
☐ CHEMICALS | ☐ CONSULTANT | ☐ UBES
☐ TRANSPORTATION | ☐ OTHER _____

Print Bill To Contact Name: Renee Knecht
PO #:
PlaNet Site or Project ID:
GSAP Project ID:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 8/3/16
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
SITE ADDRESS: Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number: 60482000
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
FOR DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO.: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Client ID:
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
SAMPLER NAME(S) (Print): Craig Peter
TELEPHONE: 206-438-2371
FAX:
EDF To Consult E-MAIL: renee.knecht@aecom.com
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 7 DAYS ☐ 5 DAYS ☐ 3 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology
DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____
TEMPERATURE ON RECEIPT C°: Cooler #1 6.0°C | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES : FROZEN
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE EDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	UNIT COST: LAS-36 BTEX	St. LAB-123 - WA NW Dx Water	LAS-35 MTBE	LAS-36 TBA	LAS-36 TBA	LAS-37 DIPE	LAS-36 TAME	LAS-36 ETBE	TPH-D	NON-UNIT COST: WA - NWTPH-Dx	5 Oxygenates
	GW-060493-080216-CP-MW-1	8/2/16	0939	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-2		1307	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-3		1001	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-MW-8		1039	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-1		1139	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-2		1209	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-3	↓	1231	W6	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-4	8/3/16	0810	W6	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-5	↓	0845	W6	X					6	X	X							X	X	
	GW-060493-080216-CP-VP-6	8/2/16	1337	W6	X					6	X	X							X	X	

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

590-4153 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Craig Peter	Shipped via Fed Ex	8/3/16	
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	Kindu Amingto	8/5/16	1552
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Version: 14Dec15

8/10/2016

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
☐ ACCUTEST (____)
☐ CALSCIENCE (____)
☑ TESTAMERICA (____)
☐ Other (____)
Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box:
☐ BSW FDG ☐ PIPELINE ☑ RETAIL
☐ CHEMICALS ☐ CONSULTANT ☐ LUBES
☐ TRANSPORTATION ☐ OTHER ____

Print Bill To Contact Name: Renee Knecht
PO #

PlaNet Site or Project ID
GSAP Project ID

☐ CHECK IF NO INCIDENT # APPLIES
DATE: 8/3/16
PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services, Inc.
LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112
PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht
TELEPHONE: 206-438-2371
FAX:
Cc To Contact E-MAIL: renee.knecht@aecom.com

SITE ADDRESS: Street and City: 210 NE 45th St., Seattle
State: WA
AECOM Project / Task Number: 60482000
EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA
PHONE NO.: 206-438-2371
E-MAIL: renee.knecht@aecom.com
AECOM Client ID
SAMPLER NAME(S) (Print): Craig Peters
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) ____

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS — UNIT COST / NON-UNIT COST

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-55 BTEX	St LAB-123 - WA NW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-30 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	TPH-O	WA - NWTPH-Gx	5 Oxygenates
	GW-060493-080316-CP-MP-7	8/3/16	0739	WG	X					6	X	X							X	X	
	GW-060493-080316-CP-VP-8	↓	0919	WG	X					6	X	X							X	X	
	TB	↓	0745	WG	X					2	X										
	TB	8/3/16	0715	WG	X					2	X										

Relinquished by: (Signature) Craig Peters Received by: (Signature) Shipped via Fed Ex Date: 8/3/16 Time:
Relinquished by: (Signature) Received by: (Signature) Date: Time:
Relinquished by: (Signature) Received by: (Signature) Date: Time:

Version: 14Dec15

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 590-4153-1

Login Number: 4153

List Source: TestAmerica Spokane

List Number: 1

Creator: Arrington, Randee E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

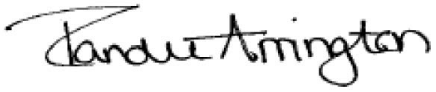
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: 590-4191-1
Client Project/Site: 210 NE 45th St (60482000)
Revision: 1

For:
AECOM, Inc.
1111 Third Ave
Suite 1600
Seattle, Washington 98101

Attn: Renee Knecht



Authorized for release by:
9/6/2016 10:17:52 AM

Randee Arrington, Project Manager II
(509)924-9200
randee.arrington@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Case Narrative

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Job ID: 590-4191-1

Laboratory: TestAmerica Spokane

Narrative

Revision
Changed the project/site description per the client's request.

Receipt
The samples were received on 8/10/2016 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method NWTPH-Dx: The method blank for preparation batch 590-8038 and analytical batch 590-8039 contained Diesel Range Organics (DRO) (C10-C25) above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL); therefore, re-extraction and re-analysis of samples was not performed.

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to gasoline overlap in the following sample: GW-060493-080916-CP-MW-6 (590-4191-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-4191-1	GW-060493-080916-CP-MW-6	Water	08/09/16 13:30	08/10/16 14:30
590-4191-2	Trip Blank	Water	08/09/16 12:00	08/10/16 14:30

Method Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Detection Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Client Sample ID: GW-060493-080916-CP-MW-6 — Lab Sample ID: 590-4191-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	162		2.00	0.930	ug/L	10		8260C	Total/NA
Ethylbenzene	493		10.0	1.98	ug/L	10		8260C	Total/NA
m,p-Xylene	427		20.0	2.80	ug/L	10		8260C	Total/NA
o-Xylene	9.87	J	10.0	1.62	ug/L	10		8260C	Total/NA
Toluene	17.4		10.0	3.12	ug/L	10		8260C	Total/NA
Xylenes, Total	437		30.0	1.62	ug/L	10		8260C	Total/NA
Gasoline	5180		1000	178	ug/L	10		NWTPH-Gx	Total/NA
Diesel Range Organics (DRO) (C10-C25)	1.18	B	0.121	0.0402	mg/L	1		NWTPH-Dx	Total/NA
Residual Range Organics (RRO) (C25-C36)	0.372		0.201	0.0603	mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 590-4191-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-060493-080916-CP-MW-6

Lab Sample ID: 590-4191-1
Matrix: Water
Date Collected: 08/09/16 13:30
Date Received: 08/10/16 14:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	162		2.00	0.930	ug/L			08/15/16 10:19	10
Ethylbenzene	493		10.0	1.98	ug/L			08/15/16 10:19	10
m,p-Xylene	427		20.0	2.80	ug/L			08/15/16 10:19	10
o-Xylene	9.87	J	10.0	1.62	ug/L			08/15/16 10:19	10
Toluene	17.4		10.0	3.12	ug/L			08/15/16 10:19	10
Xylenes, Total	437		30.0	1.62	ug/L			08/15/16 10:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 125*		*08/15/16 10:19*	*10*
4-Bromofluorobenzene (Surr)	*107*		*69 - 120*		*08/15/16 10:19*	*10*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*08/15/16 10:19*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/15/16 10:19*	*10*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5180		1000	178	ug/L			08/15/16 10:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68.7 - 141*		*08/15/16 10:19*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	1.18	B	0.121	0.0402	mg/L		08/11/16 08:51	08/11/16 13:17	1
Residual Range Organics (RRO) (C25-C36)	0.372		0.201	0.0603	mg/L		08/11/16 08:51	08/11/16 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*08/11/16 08:51*	*08/11/16 13:17*	*1*
n-Triacontane-d62	*78*		*50 - 150*	*08/11/16 08:51*	*08/11/16 13:17*	*1*

Client Sample ID: Trip Blank

Lab Sample ID: 590-4191-2
Matrix: Water
Date Collected: 08/09/16 12:00
Date Received: 08/10/16 14:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/15/16 10:41	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/15/16 10:41	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/15/16 10:41	1
o-Xylene	ND		1.00	0.162	ug/L			08/15/16 10:41	1
Toluene	ND		1.00	0.312	ug/L			08/15/16 10:41	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/15/16 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 125*		*08/15/16 10:41*	*1*
4-Bromofluorobenzene (Surr)	*105*		*69 - 120*		*08/15/16 10:41*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/15/16 10:41*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/15/16 10:41*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-8063/5
Matrix: Water
Analysis Batch: 8063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.200	0.0930	ug/L			08/15/16 09:58	1
Ethylbenzene	ND		1.00	0.198	ug/L			08/15/16 09:58	1
m,p-Xylene	ND		2.00	0.280	ug/L			08/15/16 09:58	1
o-Xylene	ND		1.00	0.162	ug/L			08/15/16 09:58	1
Toluene	ND		1.00	0.312	ug/L			08/15/16 09:58	1
Xylenes, Total	ND		3.00	0.162	ug/L			08/15/16 09:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 125*		*08/15/16 09:58*	*1*
4-Bromofluorobenzene (Surr)	*104*		*69 - 120*		*08/15/16 09:58*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/15/16 09:58*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*08/15/16 09:58*	*1*

Lab Sample ID: LCS 590-8063/1003
Matrix: Water
Analysis Batch: 8063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.693		ug/L		97	80 - 120
Ethylbenzene	10.0	10.14		ug/L		101	80 - 120
m,p-Xylene	10.0	9.973		ug/L		100	80 - 120
o-Xylene	10.0	10.53		ug/L		105	80 - 120
Toluene	10.0	10.00		ug/L		100	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 125*
4-Bromofluorobenzene (Surr)	*102*		*69 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-8065/5
Matrix: Water
Analysis Batch: 8065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		100	17.8	ug/L			08/15/16 09:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*68.7 - 141*		*08/15/16 09:58*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Lab Sample ID: LCS 590-8065/1004
Matrix: Water
Analysis Batch: 8065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			998	844.0		ug/L		85	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68.7 - 141*

Lab Sample ID: 590-4203-A-2 MS
Matrix: Water
Analysis Batch: 8065

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	288		963	1105		ug/L		85	55.6 - 126		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*68.7 - 141*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-8038/1-A
Matrix: Water
Analysis Batch: 8039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8038

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	0.04195	J	0.120	0.0400	mg/L		08/11/16 08:51	08/11/16 11:26	1
Residual Range Organics (RRO) (C25-C36)	ND		0.200	0.0600	mg/L		08/11/16 08:51	08/11/16 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*50 - 150*	*08/11/16 08:51*	*08/11/16 11:26*	*1*
n-Triacontane-d62	*80*		*50 - 150*	*08/11/16 08:51*	*08/11/16 11:26*	*1*

Lab Sample ID: LCS 590-8038/2-A
Matrix: Water
Analysis Batch: 8039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8038

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (DRO) (C10-C25)			1.61	1.148		mg/L		71	50 - 150		
Residual Range Organics (RRO) (C25-C36)			1.60	1.465		mg/L		91	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*82*		*50 - 150*
n-Triacontane-d62	*84*		*50 - 150*

QC Association Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

GC/MS VOA

Analysis Batch: 8063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4191-1	GW-060493-080916-CP-MW-6	Total/NA	Water	8260C	
590-4191-2	Trip Blank	Total/NA	Water	8260C	
MB 590-8063/5	Method Blank	Total/NA	Water	8260C	
LCS 590-8063/1003	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 8065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4191-1	GW-060493-080916-CP-MW-6	Total/NA	Water	NWTPH-Gx	
MB 590-8065/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 590-8065/1004	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
590-4203-A-2 MS	Matrix Spike	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 8038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4191-1	GW-060493-080916-CP-MW-6	Total/NA	Water	3510C	
MB 590-8038/1-A	Method Blank	Total/NA	Water	3510C	
LCS 590-8038/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 8039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
590-4191-1	GW-060493-080916-CP-MW-6	Total/NA	Water	NWTPH-Dx	8038
MB 590-8038/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	8038
LCS 590-8038/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	8038

Lab Chronicle

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Client Sample ID: GW-060493-080916-CP-MW-6

Lab Sample ID: 590-4191-1

Date Collected: 08/09/16 13:30

Matrix: Water

Date Received: 08/10/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	43 mL	43 mL	8063	08/15/16 10:19	MRS	TAL SPK
Total/NA	Analysis	NWTPH-Gx		10	43 mL	43 mL	8065	08/15/16 10:19	MRS	TAL SPK
Total/NA	Prep	3510C			248.7 mL	2 mL	8038	08/11/16 08:51	EAF	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			8039	08/11/16 13:17	NMI	TAL SPK

Client Sample ID: Trip Blank

Lab Sample ID: 590-4191-2

Date Collected: 08/09/16 12:00

Matrix: Water

Date Received: 08/10/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	43 mL	43 mL	8063	08/15/16 10:41	MRS	TAL SPK

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Definitions/Glossary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: AECOM, Inc.
Project/Site: 210 NE 45th St (60482000)

TestAmerica Job ID: 590-4191-1

Laboratory: TestAmerica Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C569	01-06-17

Analysis Method	Prep Method	Matrix	Analyte

Shell Oil Products US Chain Of Custody Record

AECOM

LAB (LOCATION)
- ☐ ACCUTEST (_____)
- ☐ CALSCIENCE (_____)
- ☑ TESTAMERICA (_____)
- ☐ Other (_____)

Lab Vendor # 1364589 (TestAmerica)

Please Check Appropriate Box:

☐ GW FDG	☐ PIPELINE	☑ RETAIL
☐ CHEMICALS	☐ CONSULTANT	☐ LUBES
☐ TRANSPORTATION	☐ OTHER	

Print Bill To Contact Name: Renee Knecht

PO #:

PlaNet Site or Project ID:

GSAP Project ID:

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8/9/16

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services, Inc.

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave., San Jose, CA, 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Renee Knecht

TELEPHONE: 206-438-2371

FAX:

Bill To Contact E-MAIL: renee.knecht@aecom.com

SITE ADDRESS: Street and City: 1013 NE 45th St., Seattle

State: WA

AECOM Project / Task Number: 60482029

EDF DELIVERABLE TO (Name, Company, Office Location): Renee Knecht, AECOM, Seattle, WA

PHONE NO.: 206-438-2371

E-MAIL: renee.knecht@aecom.com

AECOM Other ID:

SAMPLER NAME(S) (Print): Craig Peter

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY: Washington Dept of Ecology

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

UNIT COST: LAB-55 BTEX; SI LAB-123 - WA NW Dx Water; LAB-35 MTBE; LAB-36 TBA; LAB-36 TBA; LAB-37 DIPE; LAB-38 TAME; LAB-39 ETBE; TPH-D

NON-UNIT COST: WA - NWTPH-Gx; Total Lead; 5 Oxygenates

FIELD NOTES:

TEMPERATURE ON RECEIPT C°: 1.3 G IR 003

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	LAB-55 BTEX	SI LAB-123 - WA NW Dx Water	LAB-35 MTBE	LAB-36 TBA	LAB-36 TBA	LAB-37 DIPE	LAB-38 TAME	LAB-39 ETBE	TPH-D	WA - NWTPH-Gx	Total Lead	5 Oxygenates
	GW-060493-080916-GP-MW-6	8/9/16	1330	GW	X					6	X	X							X	X		
	TB	↓	1200	GW	X					2	X											

590-4191 Chain of Custody

Relinquished by: (Signature) Craig Peter	Received by: (Signature) Shipped via FedEx	Date: 8/9/16	Time:
Relinquished by: (Signature)	Received by: (Signature) Sheila Kraft TA Oak	Date: 8/10/16	Time: 1430
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Version: 14Dec15

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 590-4191-1

Login Number: 4191
List Number: 1
Creator: Kratz, Sheila J

List Source: TestAmerica Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	