



August 29, 2019  
Cardno 03116204.Q193

LUST Coordinator  
Washington State Department of Ecology  
Northwest Regional Office  
3190 160<sup>th</sup> Avenue Southeast  
Bellevue, Washington 98008-5452

**SUBJECT**      **Groundwater Monitoring Report – Third Quarter 2019**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

Cardno

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Seattle, WA 98104  
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LUST Coordinator:

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Cardno prepared the enclosed *Groundwater Monitoring Report – Third Quarter 2019* presenting results of groundwater monitoring and sampling conducted on July 8 through July 11, 2019, at the subject site.

Please contact Mr. Bobby Thompson, Cardno Project Manager for this site, at 206 510 5855, or Ms. Marla Madden, ExxonMobil Project Manager for this site at 714 964 4935 with any questions.

Sincerely,

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Cardno  
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August 29, 2019  
Cardno 03116204.Q193 Former Mobil Station 99D9T, Seattle, Washington



**ENCLOSURE**

Cardno's ExxonMobil Environmental and Property Solutions *Groundwater Monitoring Report – Third Quarter 2019*, dated August 29, 2019

cc: w/ enclosure  
Mr. Mark Myers, Williams Kastner (*Electronic copy via USPS*)  
Mr. Bert Hyde, SoundEarth Strategies (*Electronic copy via USPS*)  
Mr. Dale Erickson, University Seafoods (*Electronic copy via USPS*)  
Mr. Chris Carter, SoundEarth Strategies (*Electronic copy via USPS*)  
Mr. Darin Willis, University District Parking Associates, Inc. (*Electronic copy via USPS*)  
Ms. Kim Johannessen, Johannessen & Associates, P.S. (*Electronic copy via certified mail*)  
Ms. Marla Madden, ExxonMobil Environmental and Property Solutions Company (*Filed in project folder*)



**EXXONMOBIL ENVIRONMENTAL AND PROPERTY SOLUTIONS  
GROUNDWATER MONITORING REPORT – THIRD QUARTER 2019**

August 29, 2019  
Cardno 03116204.Q193

Cardno

Site No.: 99D9T    Address: 4557 Brooklyn Avenue Northeast  
Seattle, Washington  
ExxonMobil Project Manager: Marla Madden  
Consultant/Contact Person: Cardno/Bobby Thompson  
Primary Agency/Regulatory ID No.: Washington State Department of Ecology / 4819383

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Suite 1150  
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**THIRD QUARTER 2019 GROUNDWATER SAMPLING EVENT:**

- Monitored, purged, and sampled 6 station property groundwater monitoring wells using low-flow sampling methods.
- Monitored, purged, and sampled 15 off-station property groundwater monitoring wells using low-flow sampling methods.
- Monitored downgradient wells MW12A and MW15A for constituents indicative of the chemical oxidation solution.
- As part of the remedial action plan, wells MW6, MW8, and MW25 were monitored for natural attenuation parameters to determine the effectiveness of oxygen-releasing compound (ORC) placed during the remedial excavation.

**WORK PROPOSED FOR FOURTH QUARTER 2019:**

- Monitor, purge, and sample 6 station property groundwater monitoring wells and 15 off-station property groundwater monitoring wells using low-flow sampling methods.
- Monitor injection and downgradient wells for constituents indicative of the chemical oxidation solution.

**SUMMARY:**

Frequency of Sampling Events:	<u>Quarterly</u>	(Quarterly, etc.)
Approximate Depth to Groundwater:	<u>16 to 21</u>	(Measured Feet)
Average Site Groundwater Gradient:	<u>Southeast</u>	(Direction)
	<u>0.02</u>	(Magnitude)
Maximum TPHg/Benzene Concentrations:	<u>&lt;100 / 1.3</u>	(µg/L)
Measurable NAPL Detected:	<u>No</u>	(Yes - ID well(s)/No)
Measurable NAPL Thickness:	<u>None</u>	(feet)
Hydrocarbons Recovered This Quarter:	<u>N/A</u>	(pounds)
Days Operational/Mass Removal Rate:	<u>N/A</u>	(days/pounds per day)
Cumulative Hydrocarbons Recovered to Date:	<u>42,943</u>	(pounds)
Bulk Soil Removed This Quarter:	<u>None</u>	(tons)
Water Wells or Surface Waters w/in 2,000 ft:	<u>None</u>	
Radius and Respective Direction:	<u>N/A</u>	(Distance & Direction)
Current Remedial Action:	<u>Post-Excavation Monitoring and Compliance Sampling</u>	(SVE/AS/P&T, etc.)
Permits for Discharge:	<u>N/A</u>	(NPDES, POTW, etc.)

**DISCUSSION:**

- Dissolved groundwater concentrations were less than the MTCA Method A Cleanup Levels in 6 of 6 on-station property wells sampled during the first, second, and third quarter of 2019.
- Dissolved groundwater concentrations were less than the MTCA Method A Cleanup Levels in 15 of 15 off-station property wells sampled during the first, second, and third quarter of 2019.
- Following remedial activities, laboratory results indicate three consecutive quarters of groundwater at concentrations less than the MTCA Method A Cleanup Levels in all on- and off-site wells.
- Wells MW12A and MW15A were monitored for constituents indicative of injection solution and contained concentrations of sulfate greater than Ecology’s Underground Injection Control criteria of 250 mg/L. Well MW12A contained a concentration of sulfate greater than the field-testing method reporting range of 200 mg/L. A grab sample collected on July 9, 2019, from well MW12A contained a sulfate concentration of 1,200 mg/L. In accordance with the Underground Injection Control criteria, additional injections will not be conducted until concentrations are detected below the control criteria of 250 mg/L.

**ABBREVIATIONS:**

DTW = Depth to Water (feet below TOC)  
DOW = Depth of Well (feet below TOC)  
TOC = Top of Casing  
Temp = Temperature (degrees Celsius)  
COND = Conductivity (microsiemens per centimeter)  
DO = Dissolved Oxygen (milligrams per liter)

**ENCLOSURES:**

- Plate 1 Site Location Map  
Plate 2 Generalized Site Plan  
Plate 3 Groundwater Sample Analysis Map – 07/08 – 07/11/19  
Plate 4 Groundwater Elevation Contour Map – 07/08/19
- Table 1 Groundwater Monitoring and Sampling Schedule and Well Construction Details  
Table 2 Groundwater Analytical Results – 07/08 – 07/11/19  
Table 3 Cumulative Groundwater Analytical Results  
Table 4 Cumulative Groundwater Analytical Results – Natural Attenuation Parameters

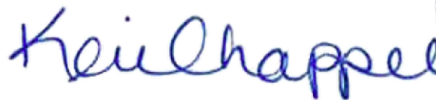
Laboratory Analytical Reports and Chain of Custody Documentation  
Field Data Records

Prepared By:



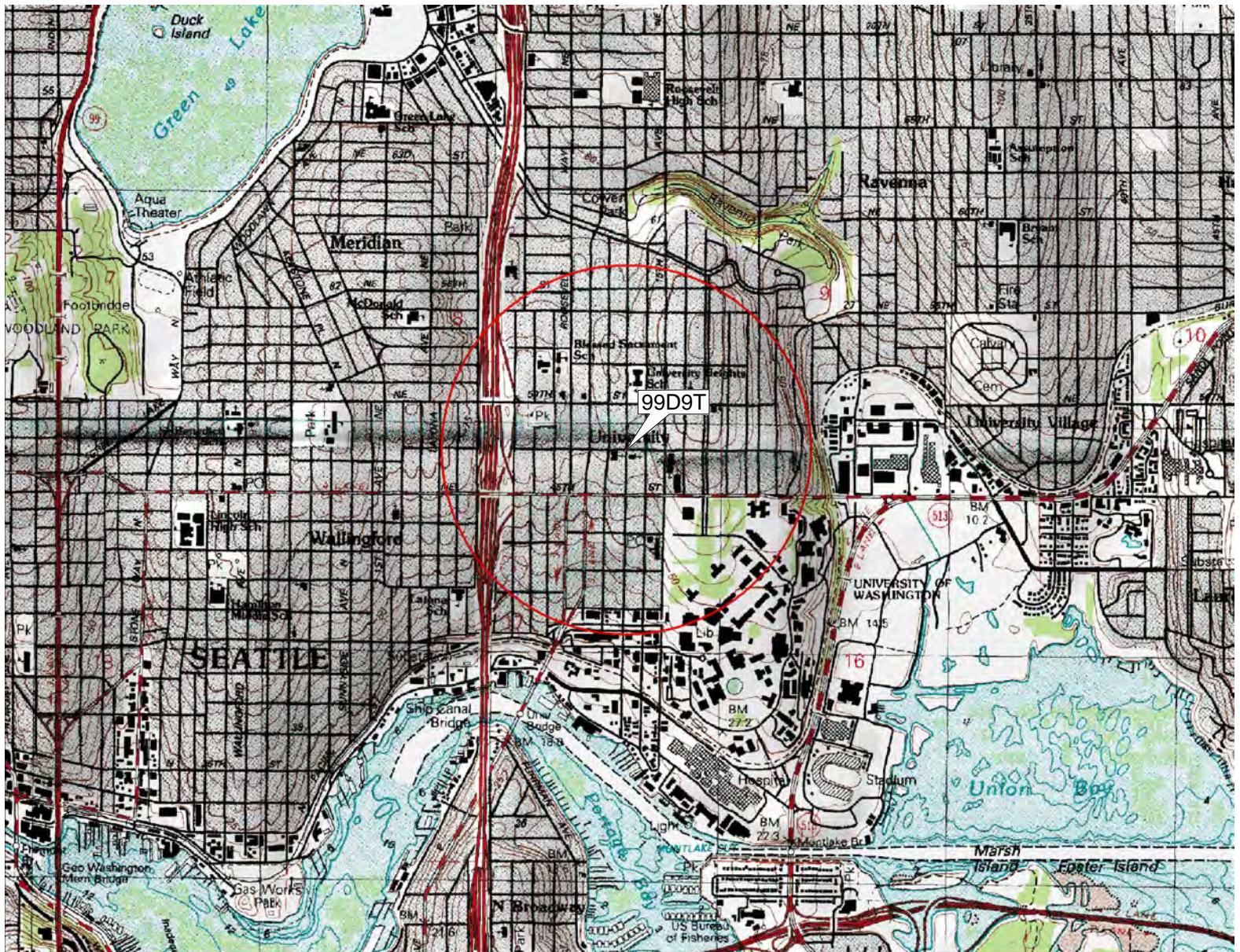
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Reviewed By:



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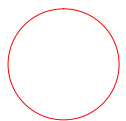


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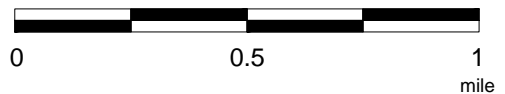
**EXPLANATION**



1/2-mile radius circle



**APPROXIMATE SCALE**



SOURCE:  
Modified from a map  
provided by  
DeLorme 3-D TopoQuads



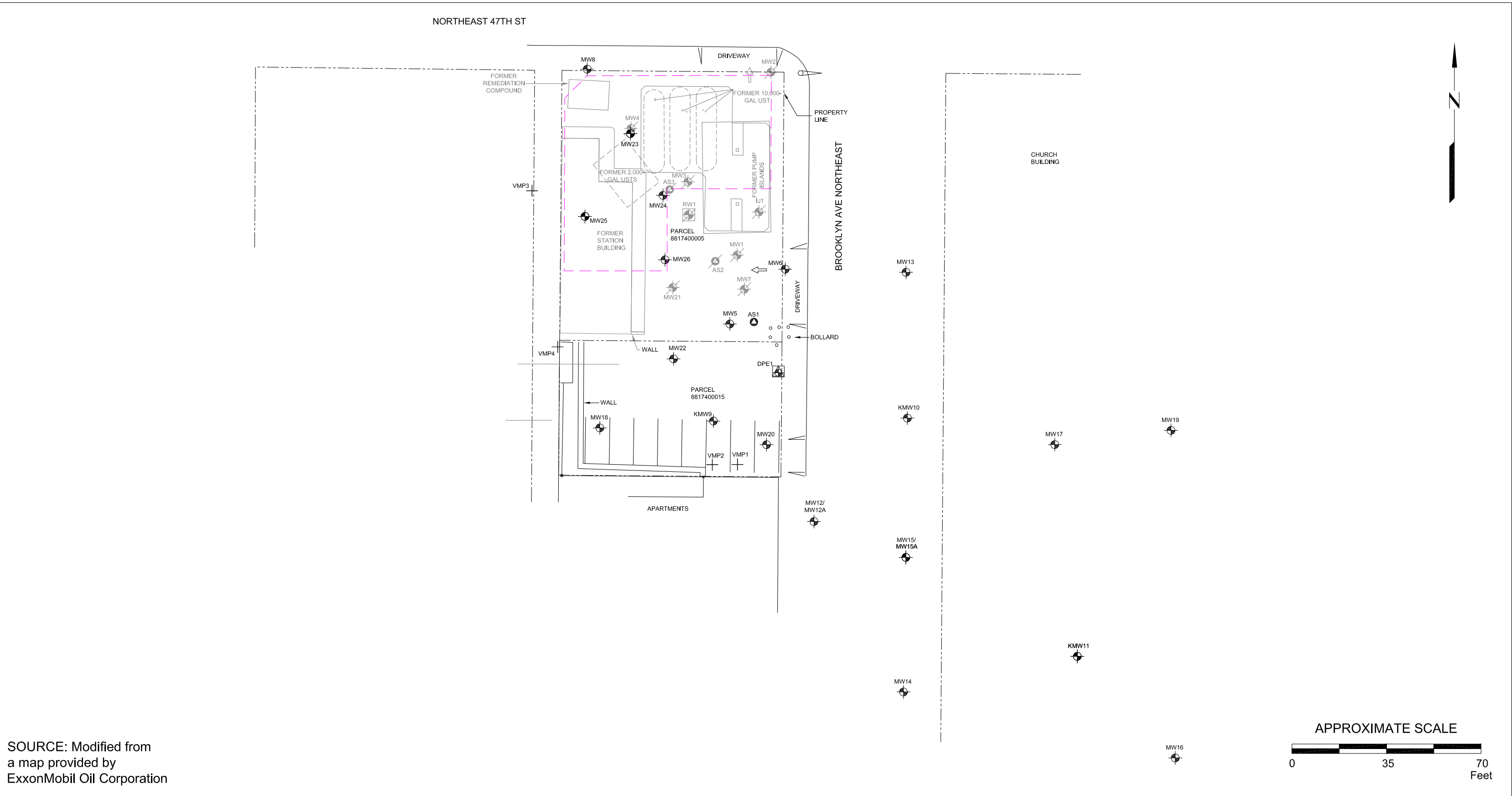
**SITE LOCATION MAP**

FORMER MOBIL STATION 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

**PROJECT NO.**  
031162

**PLATE**  
1

LEC: 08/09/18



SOURCE: Modified from  
a map provided by  
ExxonMobil Oil Corporation

FN 0311620002



## GENERALIZED SITE PLAN

FORMER MOBIL STATION 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

### EXPLANATION

- MW26 Groundwater Monitoring Well
- KMW11 Kane Environmental Groundwater Monitoring Well
- VMP4 Vapor Monitoring Point
- IJ1 Destroyed Injection Well
- 2018 Remedial Excavation Extents
- AS1 Air Sparge Well
- DPE1 Dual Phase Extraction Well
- MW21 Destroyed Groundwater Monitoring Well
- RW1 Destroyed Recovery Groundwater Monitoring Well
- AS3 Destroyed Air Sparge Well

### PROJECT NO.

031162

### PLATE

2

PEP: 08/16/19

**Laboratory Results in µg/L**

MW6	Well ID	
07/08/19	Sample Date	
<100	Total Petroleum Hydrocarbons as Gasoline	
<96	Total Petroleum Hydrocarbons as Diesel	
<96	Total Petroleum Hydrocarbons as Motor Oil	
1.3	Benzene	-- = Not Analyzed or Sampled
<1.0	Toluene	<0.50 = Less than the Stated Laboratory Reporting Limit
<1.0	Ethylbenzene	
<3.0	Total Xylenes	µg/L = Micrograms per Liter
<1.00	Dissolved Lead	NS = Not Sampled

- Laboratory Results or Well Symbols in Red Indicate Dissolved Concentrations Which Exceeded MTCA Method A Cleanup Levels
- Laboratory Results or Well Symbols in Blue Indicate Dissolved Concentrations Less Than MTCA Method A Cleanup Levels
- Laboratory Results Not Available for Numbers and Well Symbols in Black

MW25				MW24				MW8				MW23				MW6				MW13			
11/13/18	02/12/19	04/08/19	07/08/19	11/15/18	02/12/19	04/10/19	07/11/19	11/13/18	02/12/19	04/08/19	07/08/19	11/13/18	02/14/19	04/09/19	07/11/19	11/13/18	02/12/19	04/08/19	07/08/19	11/12/18	02/13/19	04/09/19	07/09/19
1,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	170	<100	<100	<100	<100	<100	<100
1,100	140	<100	<96	<98	<100	<100	<96	<100	<91	<100	<98	<100	<91	<100	<96	<100	150	110	<96	<100	<100	<100	<98
<100	<100	<100	<96	<98	<100	<100	<96	<100	<91	<100	<98	<100	<91	<100	<96	160	350	<100	<96	<100	<100	<100	<98
91	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.3	1.2	1.3	1.3	<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
9.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
38	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<3.0	1.7	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<3.0
<10.0	<50.0	<1.00	<1.00	<10.0	<50.0	<1.00	<1.00	<10.0	<50.0	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<10.0	<50.0	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00

MW26			
11/15/18	02/14/19	04/09/19	07/11/19
<100	<100	<100	<100
190	<100	<100	99
110	<100	<100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW5			
11/12/18	02/14/19	04/10/19	07/11/19
<100	<100	<100	<100
<100	<100	<100	<98
<100	220	100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW22			
11/15/18	02/15/19	04/10/19	07/10/19
<100	<100	<100	<100
130	150	180	<100
<100	<100	<100	<100
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW18			
11/14/18	02/15/19	04/11/19	07/09/19
<100	<100	<100	<100
<98	<100	<100	<98
<98	<100	<100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

KMW9			
11/15/18	02/15/19	04/10/19	07/10/19
<100	<100	<100	<100
<100	<100	<100	<98
<100	<100	<100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW12A			
11/13/18	02/12/19	04/09/19	07/09/19
<100	<100	<100	<100
<100	<100	<100	<98
<100	<100	<100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW15A			
11/12/18	03/14/19	04/08/19	07/09/19
<100	<100	<100	<100
<100	<100	<100	<98
<100	<100	<100	<98
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW14			
11/12/18	02/13/19	04/09/19	07/09/19
<100	<100	<100	<100
<100	<91	<100	<100
<100	<91	<100	<100
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW17			
11/12/18	02/13/19	04/10/19	07/09/19
<100	<100	<100	<100
<100	<100	<100	<100
<100	<100	<100	<100
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW16			
11/14/18	02/14/19	04/11/19	07/08/19
<100	<100	<100	<100
100	<100	<100	<96
<100	<100	<100	<96
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

DPE1			
11/14/18	02/15/19	04/11/19	07/10/19
<100	<100	<100	<100
400	160	180	170
220	<100	<100	<98
4.7	<1.0	<1.0	1.2
1.4	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

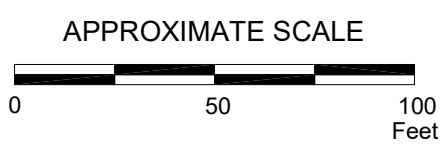
KMW10			
11/12/18	02/13/19	04/08/19	07/09/19
<100	<100	<100	<100
<100	<100	<100	<100
<100	<100	<100	<100
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW20			
11/15/18	02/15/19	04/11/19	07/10/19
<100	<100	<100	<100
<100	<100	<100	<100
<100	<100	<100	<100
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

MW19			
11/14/18	02/13/19	04/10/19	07/10/19
<100	<100	<100	<100
<100	<100	<100	<96
<100	<100	<100	<96
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	1.00

KMW11			
11/14/18	02/14/19	04/09/19	07/08/19
<100	<100	<100	<100
110	<100	<100	<96
<100	<100	<100	<96
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<1.0
<1.0	<1.0	<1.0	<3.0
<10.0	<1.00	<1.00	<1.00

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation



FN 0311620002

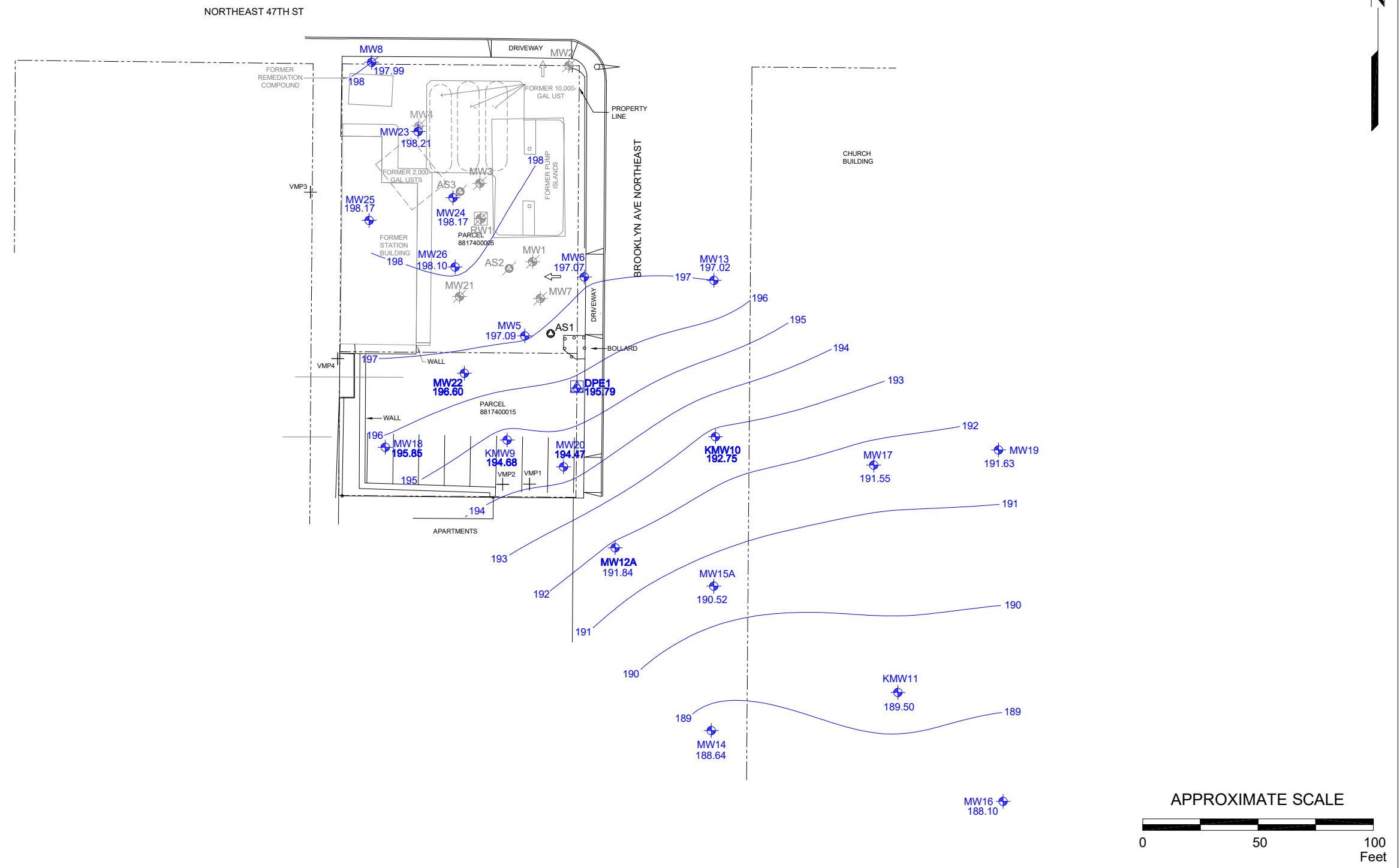


**GROUNDWATER SAMPLE ANALYSIS**  
**MAP - 07/08 - 07/11/19**  
 FORMER MOBIL STATION 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington

- EXPLANATION**
- MW26 Groundwater Monitoring Well
  - KMW11 Kane Environmental Groundwater Monitoring Well
  - VMP4 Vapor Monitoring Point
  - IJ1 Destroyed Injection Well
  - AS1 Air Sparge Well
  - DPE1 Dual Phase Extraction Well
  - MW21 Destroyed Groundwater Monitoring Well
  - RW1 Destroyed Recovery Groundwater Monitoring Well
  - AS3 Destroyed Air Sparge Well

**PROJECT NO.**  
031162  
**PLATE**  
3  
**PEP: 08/14/19**

- Laboratory or Well Symbols in Red Indicate Dissolved Concentrations Which Exceed MTCA Method A Cleanup Levels
- Laboratory Results or Well Symbols in Blue Indicate Dissolved Concentrations Less Than MTCA Method A Cleanup Levels
- Laboratory Results Not Available for Numbers and Well Symbols in Black



SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

FN 0311620002



## GROUNDWATER ELEVATION CONTOUR MAP - 07/08/19

FORMER MOBIL STATION 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

EXPLANATION	
MW26	Groundwater Monitoring Well
198.10	
KMW11	Kane Environmental Groundwater Monitoring Well
VMP4	Vapor Monitoring Point
IJ1	Destroyed Injection Well
AS1	Air Sparge Well
DPE1	Dual Phase Extraction Well
MW21	Destroyed Groundwater Monitoring Well
RW1	Destroyed Recovery Groundwater Monitoring Well
AS3	Destroyed Air Sparge Well
—	Groundwater Elevation Contour Line

**PROJECT NO.**  
031162

**PLATE**  
4  
**PEP: 08/16/19**

**TABLE 1**  
**GROUNDWATER MONITORING AND SAMPLING SCHEDULE AND WELL CONSTRUCTION DETAILS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
Page 1 of 3

Well ID	Well Activity	Frequency of Gauging	Frequency of Sampling	Date of Installation	Casing/Borehole Diameter (inches)	Wellhead Elevation (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Slot Size (inches)
MW1	Destroyed	NM	NS	August 15, 1991	2/8	213.67	15-25	25	0.020
MW2	Destroyed	NM	NS	August 15, 1991	2/8	NE	15-25	25	0.020
MW3	Destroyed	NM	NS	August 15, 1991	2/8	213.96	15-25	25	0.020
MW4	Destroyed	NM	NS	August 16, 1991	2/8	214.16	15-25	25	0.020
MW5	LF	Quarterly	Quarterly	March 17, 1992	4/8	212.65	5-25	25	0.020
MW6	LF	Quarterly	Quarterly	March 17, 1992	4/8	212.69	5-25	25	0.010
MW7	Destroyed	NM	NS	March 18, 1992	4/8	212.65	5-25	25	0.020
MW8	LF	Quarterly	Quarterly	March 18, 1992	4/8	214.20	5-25	25	0.010
KMW9	LF	Quarterly	Quarterly	March 6, 1995	4/12	212.01	14-24	25	0.020
KMW10	LF	Quarterly	Quarterly	March 6, 1995	4/12	211.58	15-25	25	0.020
KMW11	LF	Quarterly	Quarterly	January, 17 1996	4/12	208.72	15-28	28	0.020
MW12	Destroyed	NM	NS	February 8, 2016	2/8	NE	10-25	25	0.010
MW12A	LF	Quarterly	Quarterly	May 6, 2010	4/10	210.09	8.5-28.5	30	0.010
MW13	LF	Quarterly	Quarterly	February 8, 2006	2/8	212.90	10-25	25	0.010
MW14	LF	Quarterly	Quarterly	June 28, 2006	2/8	209.14	10-30	30	0.010
MW15	Destroyed	NM	NS	June 28, 2016	2/8	NE	10-30	30	0.010
MW15A	LF	Quarterly	Quarterly	December 7, 2010	4/10	209.97	10-30	30	0.010
MW16	LF	Quarterly	Quarterly	March 6, 2007	2/8	206.70	10-25	25	0.010
MW17	LF	Quarterly	Quarterly	March 6, 2007	2/8	211.16	10-30	30	0.010
MW18	LF	Quarterly	Quarterly	August 11, 2008	2/8	213.44	15-30	30	0.010
MW19	LF	Quarterly	Quarterly	August 11, 2008	2/8	209.88	15-30	30	0.010
MW20	LF	Quarterly	Quarterly	July 18, 2012	4/10	211.78	14-34	34	0.020

**TABLE 1**  
**GROUNDWATER MONITORING AND SAMPLING SCHEDULE AND WELL CONSTRUCTION DETAILS**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
 Page 2 of 3

Well ID	Well Activity	Frequency of Gauging	Frequency of Sampling	Date of Installation	Casing/Borehole Diameter (inches)	Wellhead Elevation (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Slot Size (inches)
MW21	Destroyed	NM	NS	July 19, 2012	4/10	214.50	15-30	30	0.020
MW22	LF	Quarterly	Quarterly	July 19, 2012	4/10	212.96	15-30	30	0.020
MW23	LF	Quarterly	Quarterly	September 13, 2018	2/8	214.75	15-30	30	0.020
MW24	LF	Quarterly	Quarterly	September 13, 2018	2/8	214.62	15-30	30	0.020
MW25	LF	Quarterly	Quarterly	September 13, 2018	2/8	215.47	15-30	30	0.020
MW26	LF	Quarterly	Quarterly	September 13, 2018	2/8	214.84	15-30	30	0.020
DPE1	LF	Quarterly	Quarterly	August 27, 2003	4/10	212.48	5-25	25	0.010
RW1	Destroyed	NM	NS	June 14, 1992	8/--	214.41	17-27	30	0.010
AS1	NS	NM	NS	August 26, 2003	1/8	NE	30-32	32	0.010
AS2	Destroyed	NM	NS	August 27, 2003	1/8	NE	30-32	32	0.010
AS3	Destroyed	NM	NS	October 21, 2003	2/8	NE	30-32	32	0.010
VMP1	NS	NM	NS	June 28, 2006	0.25/8	NE	4.5-4.6	5.5	N/A
VMP2	NS	NM	NS	June 27, 2006	0.25/8	NE	6.5-6.6	7	N/A
VMP3	NS	NM	NS	June 28, 2016	0.25/8	NE	7.9-8	8.25	N/A
VMP4	NS	NM	NS	June 28, 2016	0.25/8	NE	7.8-8	8.25	N/A
IJ1	Destroyed	NM	NS	June 27, 2017	4/12	NE	4-6	6	0.020

**TABLE 1  
GROUNDWATER MONITORING AND SAMPLING SCHEDULE AND WELL CONSTRUCTION DETAILS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
Page 3 of 3

Well ID	Well Activity	Frequency of Gauging	Frequency of Sampling	Date of Installation	Casing/Borehole Diameter (inches)	Wellhead Elevation (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Slot Size (inches)
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EXPLANATION:

feet bgs = feet below ground surface

LF = Low-Flow

NM = Not Measured

NS = Not Sampled

N/A = Not Applicable

NE = Not Established

-- = Not Available

Wellhead elevations were resurveyed by Cardno on 03/22/11 using NAVD 88

Wellhead elevation for monitoring well MW3 was recalculated by Cardno following 01/30/12 well repair

Wellhead elevations for monitoring wells MW20, MW21, and MW22 were surveyed by Cardno on 08/29/12

Wellhead elevation for monitoring well DPE1 was recalculated by Cardno following 05/08/13 well repair

Wellhead elevations for monitoring wells MW23, MW24, MW25, and MW26 were surveyed by Cardno on 10/05/18

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
 Page 1 of 6

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs																
MW5	07/08/19	212.65	15.56	0.00	197.09	--	--	--	--	--	--	--	--	--	--	--
MW5	07/09/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/10/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/11/19	212.65	15.62	0.00	197.03	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs																
MW6	07/08/19	212.69	15.62	0.00	197.07	<100	<96	<96	1.3	<1.0	<1.0	<3.0	--	1.13	<1.00	--
MW6	07/09/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/10/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/11/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs																
MW8	07/08/19	214.20	16.21	0.00	197.99	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW8	07/09/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/10/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/11/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 14-24 ft bgs / Total Well Depth 24 ft bgs																
KMW9	07/08/19	212.01	17.33	0.00	194.68	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/09/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/10/19	212.01	17.39	0.00	194.62	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW9	07/11/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-25 ft bgs / Total Well Depth 25 ft bgs																
KMW10	07/08/19	211.58	18.83	0.00	192.75	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/09/19	211.58	18.82	0.00	192.76	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW10	07/10/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/11/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington

Page 2 of 6

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 15-28 ft bgs / Total Well Depth 28 ft bgs																
KMW11	07/08/19	208.72	19.22	0.00	189.50	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW11	07/09/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/10/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/11/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 8.5-28.5 ft bgs / Total Well Depth 30 ft																
MW12A	07/08/19	210.09	18.25	0.00	191.84	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/09/19	210.09	18.25	0.00	191.84	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW12A	07/10/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/11/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 10-25 ft bgs / Total Well Depth 25 ft bgs																
MW13	07/08/19	212.90	15.88	0.00	197.02	--	--	--	--	--	--	--	--	--	--	--
MW13	07/09/19	212.90	15.88	0.00	197.02	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW13	07/10/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/11/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft bgs																
MW14	07/08/19	209.14	20.50	0.00	188.64	--	--	--	--	--	--	--	--	--	--	--
MW14	07/09/19	209.14	19.51	0.00	189.63	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW14	07/10/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/11/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft bgs																
MW15A	07/08/19	209.97	19.45	0.00	190.52	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/09/19	209.97	19.46	0.00	190.51	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW15A	07/10/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/11/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup>

500

500

5

1,000

700

1,000

20

15

15

N/A

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 10-25 ft bgs / Total Well Depth 25 ft bgs																
MW16	07/08/19	206.70	18.60	0.00	188.10	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW16	07/09/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/10/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/11/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft bgs																
MW17	07/08/19	211.16	19.61	0.00	191.55	--	--	--	--	--	--	--	--	--	--	--
MW17	07/09/19	211.16	19.60	0.00	191.56	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	2.47	<1.00	--
MW17	07/10/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/11/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW18	07/08/19	213.44	17.59	0.00	195.85	--	--	--	--	--	--	--	--	--	--	--
MW18	07/09/19	213.44	17.59	0.00	195.85	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW18	07/10/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/11/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW19	07/08/19	209.88	18.25	0.00	191.63	--	--	--	--	--	--	--	--	--	--	--
MW19	07/09/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/10/19	209.88	18.28	0.00	191.60	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	1.08	<1.00	--
MW19	07/11/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 14-34 ft bgs / Total Well Depth 34 ft bgs																
MW20	07/08/19	211.78	17.31	0.00	194.47	--	--	--	--	--	--	--	--	--	--	--
MW20	07/09/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	07/10/19	211.78	17.32	0.00	194.46	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW20	07/11/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup>

500

500

5

1,000

700

1,000

20

15

15

N/A

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
 Page 4 of 6

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW22	07/08/19	212.96	16.36	0.00	196.60	--	--	--	--	--	--	--	--	--	--	--
MW22	07/09/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/10/19	212.96	16.39	0.00	196.57	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW22	07/11/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW23	07/08/19	214.75	16.54	0.00	198.21	--	--	--	--	--	--	--	--	--	--	--
MW23	07/09/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	07/10/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	07/11/19	214.75	16.56	0.00	198.19	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW24	07/08/19	214.62	16.45	0.00	198.17	--	--	--	--	--	--	--	--	--	--	--
MW24	07/09/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	07/10/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	07/11/19	214.62	16.48	0.00	198.14	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW25	07/08/19	215.47	17.30	0.00	198.17	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW25	07/09/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	07/10/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	07/11/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft bgs																
MW26	07/08/19	214.84	16.74	0.00	198.10	--	--	--	--	--	--	--	--	--	--	--
MW26	07/09/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	07/10/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	07/11/19	214.84	16.79	0.00	198.05	<100	99	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
Page 5 of 6

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs																
DPE1	07/08/19	212.48	16.69	0.00	195.79	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/09/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/10/19	212.48	16.74	0.00	195.74	<100	170	<98	1.2	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
DPE1	07/11/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels	800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A
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**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - 07/08 - 07/11/19**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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**EXPLANATION:**

µg/L = Micrograms per Liter

ft bgs = Feet below ground surface

DTW = Depth to water in feet below top of casing

NAPL = Non-aqueous Phase Liquid thickness in feet

GW Elev = Groundwater elevation relative to top of casing elevation

Groundwater elevation corrected for presence of NAPL = (top of casing elevation - depth to water) + (NAPL\*0.75)

NM = Not Measured; N/A = Not Applicable, No Applicable MTCA Method A Cleanup Level

-- = Not analyzed or sampled

TPHg = Total Petroleum Hydrocarbons as Gasoline analyzed in accordance with Ecology Method NWTPH-Gx

TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Motor Oil, respectively, analyzed in accordance with Ecology Method NWTPH-Dx

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds analyzed in accordance with EPA Method 8260B

MTBE = Methyl Tert-Butyl Ether analyzed in accordance with EPA Method 8260B

Total Pb = Total Lead; Diss Pb = Dissolved Lead; Total and Dissolved Lead analyzed in accordance with EPA Method 6010B or 6020. Refer to laboratory analytical reports.

Ethanol analyzed in accordance with EPA Method 8260C

< = Less than stated laboratory reporting limit

Shaded values equal or exceed MTCA Method A Cleanup Levels

a = TPHg cleanup level for groundwater is 800 ug/L if benzene is present, or 1,000 ug/L if benzene is not present

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
Page 1 of 86

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)			
Screen Interval 15-25 ft bgs / Total Well Depth 25 ft																			
MW1	08/20/91	204.68	17.56	0.44	187.47	NAPL Present													
MW1	03/30/95	204.68	16.60	0.70	188.64	NAPL Present													
MW1	01/24/96	204.68	15.97	0.47	189.09	NAPL Present													
MW1	04/17/96	204.68	16.21	0.63	188.97	NAPL Present													
MW1	07/24/96	204.68	16.67	0.58	188.47	NAPL Present													
MW1	11/15/96	204.68	17.77	1.05	187.75	NAPL Present													
MW1	01/15/97	204.68	15.43	0.55	189.69	NAPL Present													
MW1	03/29/97	204.68	16.45	0.00	188.23	72,600	--	--	16,000	11,200	1,480	7,770	--	7.6	--	--			
MW1	06/18/97	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--			
MW1	09/24/97	204.68	17.35	0.00	187.33	541,000	--	--	23,900	28,900	6,910	40,400	--	125	--	--			
MW1	12/10/97	204.68	18.86	0.00	185.82	74,600	--	--	17,500	11,600	1,490	8,120	<5.0	--	9.86	--			
MW1	03/10/98	204.68	15.43	0.00	189.25	67,000	--	--	14,000	8,300	1,300	8,000	<200	<39	<39	--			
MW1	05/22/98	204.68	16.07	0.00	188.61	--	--	--	--	--	--	--	--	--	--	--			
MW1	06/05/98	204.68	16.18	0.00	188.50	150,000	--	--	21,000	21,000	2,700	18,000	<40	45.2	26.8	--			
MW1	09/21/98	204.68	18.81	0.00	185.87	140,000	--	--	17,000	19,000	3,100	16,000	<500	14	<6.5	--			
MW1	12/15/98	204.68	17.34	0.00	187.34	130,000	--	--	7,700	14,000	2,200	14,000	<500	58	11	--			
MW1	02/26/99	204.68	15.77	0.00	188.91	73,000	--	--	12,000	5,600	1,000	6,600	<10	57	<6.5	--			
MW1	04/21/99	204.68	17.55	0.00	187.13	63,000	--	--	16,000	8,300	1,200	7,200	<50.0	53	9.5	--			
MW1	09/13/99	204.68	19.57	0.00	185.11	100,000	--	--	27,000	19,000	2,600	14,000	<200	37	7.3	--			
MW1	11/23/99	204.68	18.30	0.02	186.40	NAPL Present													
MW1	03/07/00	204.68	16.90	0.00	187.78	94,000	--	--	14,000	9,600	2,000	11,000	<7.5	15.6	3.2	--			
MW1	05/15/00	204.68	15.72	0.00	188.96	99,000	--	--	19,000	16,000	2,300	14,000	<30	66.3	31.4	--			
MW1	08/01/00	204.68	17.15	0.00	187.53	110,000	--	--	22,000	19,000	2,700	16,000	--	34.8	15.7	--			
MW1	11/10/00	204.68	17.95	0.00	186.73	120,000	--	--	22,000	18,000	2,300	14,000	<100	7.3	8.2	--			
MW1	06/26/01	204.68	17.31	0.00	187.37	120,000	3,200	<1,000	26,000	23,000	2,800	17,000	<100	--	--	--			
MW1	09/27/01	204.68	17.85	0.00	186.83	110,000	1,700	<950	21,000	16,000	2,000	11,000	<30	--	--	--			
MW1	12/06/01	204.68	17.36	0.00	187.32	63,000	6,300	<1,200	18,000	10,000	1,200	8,000	<100	--	--	--			
MW1	03/28/02	204.68	15.30	Trace	189.38	6,110	20,100	<2,000	2,180	1,320	165	870	<50.0	--	--	--			
MW1	09/30/02	204.68	17.76	0.00	186.92	122,000	8,790	<1,000	25,000	15,900	2,240	12,200	--	--	--	--			
MW1	03/25/03	204.68	17.46	Trace	187.22	96,700	6,450	<500	14,700	7,660	806	4,140	262	--	--	--			
MW1	10/17/03	204.68	17.94	Trace	186.74	133,000	--	--	24,300	13,100	2,240	11,800	240	--	--	--			
MW1	04/13/04	204.68	16.11	Trace	188.57	NAPL Present													
MW1	11/11/04	204.68	16.77	0.00	187.91	70,200	7,610	<1,000	14,800	8,920	1,400	7,920	--	--	--	--			
MW1	05/11/05	204.68	20.77	0.01	183.92	NAPL Present													
MW1	04/05/06	204.68	17.00	0.00	187.68	24,900	7,270	1,950	1,330	1,550	434	4,670	--	--	--	<100			
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A			

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW1	10/19/06	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	01/29/07	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	04/27/07	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	09/05/07	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/12/07	204.68	21.13	0.00	183.55	<b>6,120</b>	<b>13,300</b>	<b>34,200</b>	<b>14.2</b>	37.4	49.4	595	--	<b>1,170</b>	<5.00	--
MW1	02/20/08	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	05/29/08	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	08/21/08	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	11/19/08	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/26/09	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/27/09	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	05/12/09	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	08/13/09	204.68	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	08/14/09	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/03/09	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	03/25/10	204.68	18.36	0.00	186.32	--	--	--	--	--	--	--	--	--	--	--
MW1	03/26/10	204.68	18.55	0.00	186.13	<100	<b>1,020</b>	<b>2,620</b>	<1.00	<1.00	<1.00	<3.00	--	<b>22.6</b>	<5.00	--
MW1	06/09/10	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	09/20/10	204.68	16.39	0.00	188.29	<100	296	<b>853</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW1	09/21/10	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/16/10	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	03/22/11	204.68	16.19	0.00	188.49	<100	420	<b>569</b>	<1.00	<1.00	<1.00	<3.00	--	11.7	<5.00	<100
MW1	03/23/11	204.68	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	06/08/11 f	213.67	14.68	0.00	198.99	--	--	--	--	--	--	--	--	--	--	--
MW1	06/09/11	213.67	14.32	0.00	199.35	<100	<111	<278	<1.00	<1.00	<1.00	<3.00	--	<b>131</b>	<5.00	<100
MW1	09/14/11	213.67	19.67	0.00	194.00	--	--	--	--	--	--	--	--	--	--	--
MW1	09/15/11	213.67	17.28	0.00	196.39	329	<b>546</b>	<238	3.87	<1.00	<1.00	4.56	--	<25.0	<5.00	<100
MW1	09/16/11	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/01/11	213.67	17.11	0.00	196.56	--	--	--	--	--	--	--	--	--	--	--
MW1	12/02/11	213.67	17.02	0.00	196.65	<200	200	386	<2.00	<2.00	<2.00	<6.00	--	<b>46.4</b>	<50.0	<100
MW1	02/23/12	213.67	16.83	0.00	196.84	<100	370	<b>608</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW1	02/24/12	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	05/09/12	213.67	16.08	0.00	197.59	--	--	--	--	--	--	--	--	--	--	--
MW1	05/10/12	213.67	16.08	0.00	197.59	<100	131	<95.2	<1.00	<1.00	<1.00	<3.00	--	<b>96.0</b>	<5.00	<100
MW1	08/14/12	213.67	16.33	0.00	197.34	--	--	--	--	--	--	--	--	--	--	--
MW1	08/15/12	213.67	16.33	0.00	197.34	<100	276	<b>565</b>	<1.00	<1.00	<1.00	<3.00	--	<b>20.2</b>	<5.00	<100
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW1	11/12/12	213.67	17.54	0.00	196.13	--	--	--	--	--	--	--	--	--	--	--
MW1	11/13/12	213.67	17.60	0.00	196.07	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	5.70	<5.00	<100
MW1	11/14/12	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/05/13	213.67	16.80	0.00	196.87	--	--	--	--	--	--	--	--	--	--	--
MW1	02/06/13	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/07/13	213.67	16.80	0.00	196.87	<100	<b>1,010</b>	<b>1,140</b>	<1.00	<1.00	<1.00	<3.00	--	<b>26.9</b>	<5.00	4,000
MW1	03/20/13 i	213.67	NM	0.00	--	<100	418	<b>545</b>	<1.00	<1.00	<1.00	<3.00	--	<b>28.0</b>	6.70	<100
MW1	05/06/13	213.67	18.78	0.00	194.89	--	--	--	--	--	--	--	--	--	--	--
MW1	05/07/13	213.67	18.91	0.00	194.76	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.30	7.20	<100
MW1	05/08/13	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	07/31/13	213.67	19.17	0.00	194.50	--	--	--	--	--	--	--	--	--	--	--
MW1	08/01/13	213.67	19.30	0.00	194.37	<100	223	276	<1.00	<1.00	<1.00	<3.00	--	<b>16.4</b>	<5.00	<100
MW1	11/11/13	213.67	19.80	0.00	193.87	--	--	--	--	--	--	--	--	--	--	--
MW1	11/12/13	213.67	19.89	0.00	193.78	<100	227	162	<1.00	<1.00	<1.00	<3.00	--	7.00	<5.00	<100
MW1	02/10/14	213.67	19.56	0.00	194.11	--	--	--	--	--	--	--	--	--	--	--
MW1	02/11/14	213.67	19.63	0.00	194.04	<100	147	226	<1.00	<1.00	<1.00	<3.00	--	10.3	<5.00	<100
MW1	05/28/14	213.67	19.06	0.00	194.61	--	--	--	--	--	--	--	--	--	--	--
MW1	05/29/14	213.67	19.06	0.00	194.61	<100	<100	182	<1.00	<1.00	<1.00	<3.00	--	<50.0	<5.00	<100
MW1	08/06/14	213.67	19.11	0.00	194.56	--	--	--	--	--	--	--	--	--	--	--
MW1	08/07/14	213.67	19.12	0.00	194.55	<100	150	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.60	<5.00	<100
MW1	08/08/14	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	11/10/14	213.67	18.42	0.00	195.25	--	--	--	--	--	--	--	--	--	--	--
MW1	11/11/14	213.67	18.42	0.00	195.25	<100	306	<b>622</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW1	11/12/14	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/10/15	213.67	18.65	0.00	195.02	--	--	--	--	--	--	--	--	--	--	--
MW1	02/11/15	213.67	17.02	0.00	196.65	<100	297	<b>781</b>	<1.00	<1.00	<1.00	<3.00	--	<b>50.6</b>	<5.00	<100
MW1	06/08/15	213.67	16.67	0.00	197.00	--	--	--	--	--	--	--	--	--	--	--
MW1	06/09/15	213.67	16.67	0.00	197.00	<100	<b>729</b>	<b>3,360</b>	<1.00	<1.00	<1.00	<3.00	--	<b>57.4</b>	<5.00	<100
MW1	07/21/15	213.67	17.15	0.00	196.52	<100	187	<93.5	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<5.00	--
MW1	09/08/15	213.67	17.67	0.00	196.00	--	--	--	--	--	--	--	--	--	--	--
MW1	09/09/15	213.67	17.67	0.00	196.00	<100	<b>713</b>	<b>2,160</b>	<1.00	<1.00	<1.00	<3.00	--	<b>58.6</b>	<5.00	<100
MW1	12/08/15	213.67	16.80	0.00	196.87	--	--	--	--	--	--	--	--	--	--	--
MW1	12/09/15	213.67	16.76	0.00	196.91	<100	<b>640</b>	<b>1,890</b>	<1.00	<1.00	<1.00	<3.00	--	<b>23.4</b>	<5.00	<100
MW1	03/07/16	213.67	14.66	0.00	199.01	--	--	--	--	--	--	--	--	--	--	--
MW1	03/08/16	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	03/09/16	213.67	15.80	0.00	197.87	<100	273	<b>971</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW1	06/06/16	213.67	15.85	0.00	197.82	--	--	--	--	--	--	--	--	--	--	--
MW1	06/07/16	213.67	16.69	0.00	196.98	<100	347	144	<1.00	1.84	<1.00	<3.00	--	8.40	<5.00	<100
MW1	06/08/16	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	08/29/16	213.67	16.78	0.00	196.89	--	--	--	--	--	--	--	--	--	--	--
MW1	08/30/16	213.67	16.86	0.00	196.81	<100	328	97.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW1	08/31/16	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/19/16	213.67	17.69	0.00	195.98	--	--	--	--	--	--	--	--	--	--	--
MW1	12/20/16	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	12/21/16	213.67	16.32	0.00	197.35	<100	186	433	<1.00	<1.00	<1.00	4.38	--	<5.00	<5.00	<100
MW1	02/27/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	02/28/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	03/01/17	213.67	15.50	0.00	198.17	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	--
MW1	03/02/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	04/17/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	04/18/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	05/01/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	05/02/17	213.67	14.74	0.00	198.93	<100	<91	<91	0.51	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW1	07/18/17	213.67	15.48	0.00	198.19	--	--	--	--	--	--	--	--	--	--	--
MW1	07/19/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	07/20/17	213.67	15.64	0.00	198.03	<100	<100	<100	1.1	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW1	07/21/17	213.67	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed																

Screen Interval 15-25 ft bgs / Total Well Depth 25 ft

MW2	08/20/91	205.66	16.06	0.00	189.60	<50	--	--	<0.50	<0.50	0.88	0.53	--	--	--	--
MW2	03/30/95	205.66	15.65	0.00	190.01	78	--	--	0.69	0.70	1.20	5.30	<0.50	7.1	--	--
MW2	01/24/96	205.66	15.45	0.00	190.21	<50	--	--	0.63	0.61	<0.50	<1.0	--	19.0	--	--
MW2	04/17/96	205.66	15.58	0.00	190.08	<50	--	--	<0.50	<0.50	<0.50	1.10	--	4.7	--	--
MW2	07/24/96	205.66	15.80	0.00	189.86	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
MW2	11/15/96	205.66	15.93	0.00	189.73	<50	--	--	1.03	<0.50	<0.50	<1.0	--	<2.0	--	--
MW2	01/15/97	205.66	15.20	0.00	190.46	775	--	--	8.42	13.5	3.96	35.1	--	<2.0	--	--
MW2	03/29/97	205.66	15.12	0.00	190.54	126	--	--	1.71	6.73	2.11	13.1	--	<2.0	--	--
MW2	06/18/97	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/24/97	205.66	15.56	0.00	190.10	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	1.66	--	--
MW2	12/10/97	205.66	15.81	0.00	189.85	51.1	--	--	<0.50	3.19	<0.50	1.38	<5.0	--	<2.0	--
MW2	03/10/98	205.66	15.47	0.00	190.19	<50	--	--	<0.3	<0.3	<0.3	<0.6	<10	<39	<39	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW2	05/22/98	205.66	15.77	0.00	189.89	--	--	--	--	--	--	--	--	--	--	--
MW2	06/05/98	205.66	15.78	0.00	189.88	<50	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	13	<3.4	--
MW2	09/21/98	205.66	16.63	0.00	189.03	<50	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW2	12/15/98	205.66	15.26	0.00	190.40	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW2	02/26/99	205.66	15.56	0.00	190.10	<48	--	--	0.3	0.4	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW2	04/21/99	205.66	17.60	0.00	188.06	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW2	09/13/99	205.66	16.43	0.00	189.23	<48	--	--	0.4	0.4	0.3	0.7	<0.3	<6.5	<6.5	--
MW2	11/23/99	205.66	16.14	0.00	189.52	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<7.9	<7.9	--
MW2	03/07/00	205.66	15.60	0.00	190.06	<48	--	--	0.21	<0.2	<0.2	<0.6	<0.3	<0.78	<0.78	--
MW2	05/15/00	205.66	16.03	0.00	189.63	<48	--	--	0.54	<0.2	<0.2	<0.6	<0.3	9	1.25	--
MW2	08/01/00	205.66	16.28	0.00	189.38	<48	--	--	0.74	<0.2	<0.2	<0.6	--	4.8	<1.9	--
MW2	11/09/00	205.66	16.66	0.00	189.00	<48	--	--	1.1	<0.2	<0.2	<0.6	<0.3	2.7	<1.9	--
MW2	06/26/01	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/27/01	205.66	16.61	0.00	189.05	130J	<86	<220	6.5	8.6	2.5	16	<0.30	--	--	--
MW2	12/06/01	205.66	16.00	0.00	189.66	<48	<80	<200	0.32J	<0.20	0.26J	0.73J	<0.30	--	--	--
MW2	03/28/02	205.66	15.71	0.00	189.95	<100	<100	<100	16.5	2.1	3.1	8.6	<1.0	--	--	--
MW2	09/30/02	205.66	16.56	0.00	189.10	<100	<100	<100	3.5	<1.0	<1.0	<1.0	--	--	--	--
MW2	03/25/03	205.66	16.07	0.00	189.59	171	<111	<111	11.9	19.8	5.8	32.7	<1.0	--	--	--
MW2	10/17/03	205.66	16.64	0.00	189.02	<100	146	<125	13.5	3.4	3.1	9.0	<1.0	--	--	--
MW2	04/13/04	205.66	15.69	0.00	189.97	<100	<111	<111	<1.00	<1.0	<1.0	<1.0	--	--	--	--
MW2	11/11/04	205.66	15.96	0.00	189.70	<100	130	<100	<1.00	<1.0	<1.0	<1.0	--	--	--	--
MW2	05/11/05	205.66	15.43	0.00	190.23	5,240	411	160	213	864	168	843	--	--	--	--
MW2	04/05/06	205.66	17.99	0.00	187.67	<100	<105	<105	7.90	3.49	3.29	11.0	--	--	--	<100
MW2	10/19/06	205.66	17.83	0.00	187.83	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW2	01/29/07	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	04/27/07	205.66	17.78	0.00	187.88	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	--	--	<100
MW2	09/05/07	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/12/07	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/20/08	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	05/29/08	205.66	16.86	0.00	188.80	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	--	--	<100
MW2	08/21/08	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/19/08	205.66	18.76	0.00	186.90	138	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	40.5	<5.00	--
MW2	02/26/09	205.66	19.33	0.00	186.33	--	--	--	--	--	--	--	--	--	--	--
MW2	02/27/09	205.66	19.33	0.00	186.33	185	<105	135	1.03	<1.00	<1.00	<3.00	--	<50.0	<5.00	--
MW2	05/12/09	205.66	19.23	0.00	186.43	--	--	--	--	--	--	--	--	--	--	--
MW2	08/13/09	205.66	19.44	0.00	186.22	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW2	08/14/09	205.66	19.47	0.00	186.19	<100	540	618	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	12/03/09	205.66	19.52	0.00	186.14	--	--	--	--	--	--	--	--	--	--	--
MW2	03/25/10	205.66	16.01	0.00	189.65	--	--	--	--	--	--	--	--	--	--	--
MW2	03/26/10	205.66	16.12	0.00	189.54	150	<99.0	<99.0	5.02	10.4	4.67	8.20	--	<5.00	<5.00	--
MW2	06/09/10	205.66	17.63	0.00	188.03	--	--	--	--	--	--	--	--	--	--	--
MW2	09/20/10	205.66	15.98	0.00	189.68	--	--	--	--	--	--	--	--	--	--	--
MW2	09/21/10	205.66	16.04	0.00	189.62	128	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	12/16/10	205.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/22/11	205.66	14.97	0.00	190.69	--	--	--	--	--	--	--	--	--	--	--
MW2	03/23/11	205.66	14.83	0.00	190.83	<100	<105	195	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW2	06/08/11 f	215.20	14.96	0.00	200.24	--	--	--	--	--	--	--	--	--	--	--
MW2	06/09/11	215.20	14.38	0.00	200.82	<100	<97.1	<243	<1.00	<1.00	<1.00	<3.00	--	41.4	5.00	--
MW2	09/14/11	215.20	16.34	0.00	198.86	--	--	--	--	--	--	--	--	--	--	--
MW2	09/15/11	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/16/11	215.20	16.36	0.00	198.84	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	7.50	<5.00	--
MW2	12/01/11	215.20	16.72	0.00	198.48	--	--	--	--	--	--	--	--	--	--	--
MW2	12/02/11	215.20	16.31	0.00	198.89	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	9.70	<5.00	--
MW2	02/23/12	215.20	16.23	0.00	198.97	--	--	--	--	--	--	--	--	--	--	--
MW2	02/24/12	215.20	16.02	0.00	199.18	<100	<96.2	<240	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	05/09/12	215.20	15.76	0.00	199.44	--	--	--	--	--	--	--	--	--	--	--
MW2	05/10/12	215.20	15.76	0.00	199.44	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	75.3	<5.00	--
MW2	08/14/12	215.20	15.82	0.00	199.38	--	--	--	--	--	--	--	--	--	--	--
MW2	08/15/12	215.20	15.82	0.00	199.38	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	7.60	<5.00	--
MW2	11/12/12	215.20	17.20	0.00	198.00	--	--	--	--	--	--	--	--	--	--	--
MW2	11/13/12	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/14/12	215.20	17.18	0.00	198.02	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	02/05/13	215.20	16.46	0.00	198.74	--	--	--	--	--	--	--	--	--	--	--
MW2	02/06/13	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/07/13	215.20	16.47	0.00	198.73	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	05/06/13	215.20	17.47	0.00	197.73	--	--	--	--	--	--	--	--	--	--	--
MW2	05/07/13	215.20	17.45	0.00	197.75	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	11.5	6.50	--
MW2	05/08/13	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/31/13	215.20	18.58	0.00	196.62	--	--	--	--	--	--	--	--	--	--	--
MW2	08/01/13	215.20	18.58	0.00	196.62	<100	<94.3	105	<1.00	<1.00	<1.00	<3.00	--	12.2	<5.00	--
MW2	11/11/13	215.20	18.94	0.00	196.26	--	--	--	--	--	--	--	--	--	--	--
MW2	11/12/13	215.20	18.92	0.00	196.28	<100	<93.5	95.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW2	02/10/14	215.20	18.71	0.00	196.49	--	--	--	--	--	--	--	--	--	--	--
MW2	02/11/14	215.20	18.68	0.00	196.52	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<50.0	6.60	--
MW2	05/28/14	215.20	17.37	0.00	197.83	--	--	--	--	--	--	--	--	--	--	--
MW2	05/29/14	215.20	17.37	0.00	197.83	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	7.20	<5.00	--
MW2	08/06/14	215.20	17.73	0.00	197.47	--	--	--	--	--	--	--	--	--	--	--
MW2	08/07/14	215.20	17.69	0.00	197.51	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	08/08/14	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/10/14	215.20	16.99	0.00	198.21	--	--	--	--	--	--	--	--	--	--	--
MW2	11/11/14	215.20	16.98	0.00	198.22	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	11/12/14	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/10/15	215.20	17.15	0.00	198.05	--	--	--	--	--	--	--	--	--	--	--
MW2	02/11/15	215.20	16.03	0.00	199.17	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	11.0	<5.00	--
MW2	06/08/15	215.20	16.19	0.00	199.01	--	--	--	--	--	--	--	--	--	--	--
MW2	06/09/15	215.20	16.19	0.00	199.01	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	10.4	<5.00	--
MW2	09/08/15	215.20	17.12	0.00	198.08	--	--	--	--	--	--	--	--	--	--	--
MW2	09/09/15	215.20	17.12	0.00	198.08	<100	162	110	<1.00	<1.00	<1.00	<3.00	--	11.7	<5.00	--
MW2	12/08/15	215.20	16.34	0.00	198.86	--	--	--	--	--	--	--	--	--	--	--
MW2	12/09/15	215.20	16.35	0.00	198.85	<100	148	<93.5	<1.00	<1.00	<1.00	<3.00	--	16.0	<5.00	--
MW2	03/07/16	215.20	15.61	0.00	199.59	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	03/08/16	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/09/16	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/06/16	215.20	15.87	0.00	199.33	--	--	--	--	--	--	--	--	--	--	--
MW2	06/07/16	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/08/16	215.20	15.96	0.00	199.24	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	08/29/16	215.20	16.35	0.00	198.85	--	--	--	--	--	--	--	--	--	--	--
MW2	08/30/16	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	08/31/16	215.20	16.39	0.00	198.81	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	12/19/16	215.20	15.56	0.00	199.64	--	--	--	--	--	--	--	--	--	--	--
MW2	12/20/16	215.20	15.58	0.00	199.62	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW2	12/21/16	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/27/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/28/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/01/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/02/17	215.20	15.34	0.00	199.86	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW2	04/17/17	215.20	15.14	0.00	200.06	--	--	--	--	--	--	--	--	--	--	--
MW2	04/18/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW2	05/01/17	215.20	15.26	0.00	199.94	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW2	05/02/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/18/17	215.20	15.63	0.00	199.57	--	--	--	--	--	--	--	--	--	--	--
MW2	07/19/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/20/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/21/17	215.20	15.65	0.00	199.55	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW2	11/07/17	215.20	15.49	0.00	199.71	--	--	--	--	--	--	--	--	--	--	--
MW2	11/08/17	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/09/17	215.20	16.44	0.00	198.76	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW2	02/20/18	215.20	15.46	0.00	199.74	--	--	--	--	--	--	--	--	--	--	--
MW2	02/21/18	215.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/22/18	215.20	15.49	0.00	199.71	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
Destroyed																

Screen Interval 15-25 ft bgs / Total Well Depth 25 ft

MW3	08/20/91	204.89	17.80	<b>1.80</b>	188.53	<b>NAPL Present</b>										
MW3	03/30/95	204.89	15.75	<b>0.67</b>	189.68	<b>NAPL Present</b>										
MW3	01/24/96	204.89	15.75	<b>0.67</b>	189.68	<b>NAPL Present</b>										
MW3	07/24/96	204.89	15.87	<b>0.11</b>	189.11	<b>NAPL Present</b>										
MW3	11/15/96	204.89	16.27	<b>0.16</b>	188.75	<b>NAPL Present</b>										
MW3	01/15/97	204.89	13.93	<b>0.08</b>	191.02	<b>NAPL Present</b>										
MW3	03/29/97	204.89	14.58	0.00	190.31	--	--	--	--	--	--	--	--	--	--	--
MW3	04/17/97	204.89	15.77	<b>0.05</b>	189.16	<b>NAPL Present</b>										
MW3	06/18/97	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	09/24/97	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	12/10/97	204.89	16.16	0.00	188.73	--	--	--	--	--	--	--	--	--	--	--
MW3	03/10/98	204.89	16.30	0.00	188.59	--	--	--	--	--	--	--	--	--	--	--
MW3	05/22/98	204.89	15.13	0.00	189.76	--	--	--	--	--	--	--	--	--	--	--
MW3	06/05/98	204.89	15.19	0.00	189.70	--	--	--	--	--	--	--	--	--	--	--
MW3	09/21/98	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	12/15/98	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/26/99	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	04/21/99	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	09/13/99	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	11/23/99	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/07/00	204.89	13.80	0.00	191.09	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW3	05/15/00	204.89	15.55	0.00	189.34	--	--	--	--	--	--	--	--	--	--	--
MW3	08/02/00	204.89	16.46	0.00	188.43	130,000	--	--	14,000	18,000	1,900	19,000	--	561	59.6	--
MW3	06/26/01	204.89	15.90	0.00	188.99	120,000	6,400	<2,000	9,900	18,000	1,600	19,000	<50	--	--	--
MW3	09/27/01	204.89	16.52	0.00	188.37	140,000	11,000	<3,800	13,000	20,000	1,900	18,000	<30	--	--	--
MW3	12/06/01	204.89	16.00	0.00	188.89	120,000	14,000	<1,900	12,000	19,000	1,700	18,000	<50	--	--	--
MW3	03/28/02	204.89	15.17	0.00	189.72	106,000	15,100	<1,000	10,100	14,400	1,400	13,600	<200	--	--	--
MW3	09/30/02	204.89	16.65	0.00	188.24	90,900	13,000	<1,000	11,500	13,100	1,940	13,000	--	--	--	--
MW3	03/25/03	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	10/17/03	204.89	16.99	Trace	187.90	84,600	16,000	<1,000	9,880	6,220	1,310	7,330	112	--	--	--
MW3	04/13/04	204.89	15.11	Trace	189.78	92,600	10,700	678	6,500	10,900	1,800	13,900	--	--	--	--
MW3	11/11/04	204.89	15.56	0.00	189.33	50,000	9,130	<1,000	4,260	5,260	940	8,900	--	--	--	--
MW3	05/11/05	204.89	18.39	0.00	186.50	93,000	23,400	<2,000	14,100	8,900	1,880	11,400	--	--	--	--
MW3	04/05/06	204.89	16.61	0.00	188.28	85,900	38,400	19,300	5,460	9,530	1,280	13,500	--	--	--	<100
MW3	10/19/06	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	01/29/07	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	04/27/07	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	09/05/07	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	12/12/07	204.89	20.12	0.00	184.77	<250	522	121	<1.00	<1.00	<1.00	8.23	--	17.4	15.7	--
MW3	02/20/08	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	05/29/08	204.89	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	08/21/08	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	11/19/08	204.89	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/26/09	204.89	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/27/09	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	05/12/09	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	08/13/09	204.89	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	08/14/09	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	12/03/09	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/25/10	204.89	18.57	0.00	186.32	--	--	--	--	--	--	--	--	--	--	--
MW3	03/26/10	204.89	18.68	0.00	186.21	<100	204	158	<1.00	<1.00	<1.00	<3.00	--	37.4	5.20	--
MW3	06/09/10	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	09/20/10	204.89	16.14	0.00	188.75	--	--	--	--	--	--	--	--	--	--	--
MW3	09/21/10	204.89	16.39	0.00	188.50	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	7.30	<5.00	--
MW3	12/16/10	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/22/11	204.89	15.93	0.00	188.96	<100	132	<100	<1.00	<1.00	<1.00	<3.00	--	14.7	<5.00	--
MW3	03/23/11	204.89	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW3	06/08/11 f	214.29	15.54	0.00	198.75	--	--	--	--	--	--	--	--	--	--	--
MW3	06/09/11	214.29	15.16	0.00	199.13	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	44.9	<5.00	--
MW3	09/14/11	214.29	16.55	0.00	197.74	--	--	--	--	--	--	--	--	--	--	--
MW3	09/15/11	214.29	16.54	0.00	197.75	<100	103	<240	<1.00	<1.00	<1.00	<3.00	--	61.6	<5.00	--
MW3	09/16/11	214.29	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	12/01/11	214.29	16.68	0.00	197.61	--	--	--	--	--	--	--	--	--	--	--
MW3	12/02/11	214.29	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/23/12 g	213.96	15.89	0.00	198.07	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	02/24/12	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	05/09/12	213.96	16.14	0.00	197.82	--	--	--	--	--	--	--	--	--	--	--
MW3	05/10/12	213.96	16.14	0.00	197.82	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	53.6	<5.00	--
MW3	08/14/12	213.96	16.22	0.00	197.74	--	--	--	--	--	--	--	--	--	--	--
MW3	08/15/12	213.96	16.22	0.00	197.74	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	36.6	<5.00	--
MW3	11/12/12	213.96	17.53	0.00	196.43	--	--	--	--	--	--	--	--	--	--	--
MW3	11/13/12	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	11/14/12	213.96	17.48	0.00	196.48	<100	116	151	<1.00	<1.00	<1.00	<3.00	--	33.3	<5.00	--
MW3	02/05/13	213.96	17.02	0.00	196.94	--	--	--	--	--	--	--	--	--	--	--
MW3	02/06/13	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/07/13	213.96	16.95	0.00	197.01	<100	158	129	<1.00	<1.00	<1.00	<3.00	--	10.9	<5.00	--
MW3	05/06/13	213.96	18.74	0.00	195.22	--	--	--	--	--	--	--	--	--	--	--
MW3	05/07/13	213.96	18.68	0.00	195.28	<100	289	159	<1.00	<1.00	<1.00	<3.00	--	6.80	8.40	--
MW3	05/08/13	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	07/31/13	213.96	19.83	0.00	194.13	--	--	--	--	--	--	--	--	--	--	--
MW3	08/01/13	213.96	19.73	0.00	194.23	<100	321	158	<1.00	<1.00	<1.00	<3.00	--	26.2	<5.00	--
MW3	11/11/13	213.96	20.19	0.00	193.77	--	--	--	--	--	--	--	--	--	--	--
MW3	11/12/13	213.96	20.13	0.00	193.83	<100	248	115	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	02/10/14	213.96	19.42	0.00	194.54	--	--	--	--	--	--	--	--	--	--	--
MW3	02/11/14	213.96	19.36	0.00	194.60	<100	312	517	<1.00	<1.00	<1.00	<3.00	--	17.7	6.10	--
MW3	05/28/14	213.96	18.53	0.00	195.43	--	--	--	--	--	--	--	--	--	--	--
MW3	05/29/14	213.96	18.53	0.00	195.43	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	13.4	<5.00	--
MW3	08/06/14	213.96	18.58	0.00	195.38	--	--	--	--	--	--	--	--	--	--	--
MW3	08/07/14	213.96	18.52	0.00	195.44	<100	111	114	<1.00	<1.00	<1.00	<3.00	--	13.8	<5.00	--
MW3	08/08/14	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	11/10/14	213.96	17.41	0.00	196.55	--	--	--	--	--	--	--	--	--	--	--
MW3	11/11/14	213.96	17.35	0.00	196.61	<100	100	143	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	11/12/14	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW3	02/10/15	213.96	17.68	0.00	196.28	--	--	--	--	--	--	--	--	--	--	--
MW3	02/11/15	213.96	15.77	0.00	198.19	<100	181	365	<1.00	<1.00	<1.00	<3.00	--	28.3	<5.00	--
MW3	06/08/15	213.96	15.81	0.00	198.15	--	--	--	--	--	--	--	--	--	--	--
MW3	06/09/15	213.96	15.81	0.00	198.15	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	09/08/15	213.96	17.00	0.00	196.96	--	--	--	--	--	--	--	--	--	--	--
MW3	09/09/15	213.96	17.00	0.00	196.96	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	8.50	<5.00	--
MW3	12/08/15	213.96	15.88	0.00	198.08	--	--	--	--	--	--	--	--	--	--	--
MW3	12/09/15	213.96	16.00	0.00	197.96	<100	117	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.60	<5.00	--
MW3	03/07/16	213.96	14.58	0.00	199.38	<100	<95.7	<95.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	03/08/16	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/09/16	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	06/06/16	213.96	15.12	0.00	198.84	--	--	--	--	--	--	--	--	--	--	--
MW3	06/07/16	213.96	15.24	0.00	198.72	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW3	06/08/16	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	08/29/16	213.96	16.07	0.00	197.89	--	--	--	--	--	--	--	--	--	--	--
MW3	08/30/16	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	08/31/16	213.96	16.26	0.00	197.70	<100	<92.6	<92.6	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW3	12/19/16	213.96	14.56	0.00	199.40	--	--	--	--	--	--	--	--	--	--	--
MW3	12/20/16	213.96	14.78	0.00	199.18	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW3	12/21/16	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/27/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	02/28/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/01/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	03/02/17	213.96	14.15	0.00	199.81	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW3	04/17/17	213.96	13.51	0.00	200.45	--	--	--	--	--	--	--	--	--	--	--
MW3	04/18/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	05/01/17	213.96	13.37	0.00	200.59	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW3	05/02/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	07/18/17	213.96	14.72	0.00	199.24	--	--	--	--	--	--	--	--	--	--	--
MW3	07/19/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	07/20/17	213.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	07/21/17	213.96	14.87	0.00	199.09	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
Destroyed																
Screen Interval 15-25 ft bgs / Total Well Depth 25 ft																
MW4	08/20/91	204.62	16.27	0.00	188.35	190,000	--	--	33,000	28,000	3,400	14,000	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW4	03/30/95	204.62	15.24	0.09	189.45	NAPL Present										
MW4	01/24/96	204.62	15.28	0.03	189.36	NAPL Present										
MW4	04/17/96	204.62	15.40	0.12	189.32	NAPL Present										
MW4	07/24/96	204.62	15.87	0.03	188.77	NAPL Present										
MW4	11/15/96	204.62	16.14	0.07	188.54	NAPL Present										
MW4	01/15/97	204.62	13.43	0.05	191.23	NAPL Present										
MW4	03/29/97	204.62	12.77	0.00	191.85	--	--	--	--	--	--	--	--	--	--	--
MW4	06/18/97	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	09/24/97	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/10/97	204.62	15.28	0.00	189.34	--	--	--	--	--	--	--	--	--	--	--
MW4	03/10/98	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/22/98	204.62	14.71	0.00	189.91	--	--	--	--	--	--	--	--	--	--	--
MW4	06/05/98	204.62	14.74	0.00	189.88	--	--	--	--	--	--	--	--	--	--	--
MW4	09/21/98	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/15/98	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/26/99	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	04/21/99	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	09/13/99	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	11/23/99	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/07/00	204.62	14.15	0.00	190.47	--	--	--	--	--	--	--	--	--	--	--
MW4	05/15/00	204.62	15.14	0.00	189.48	--	--	--	--	--	--	--	--	--	--	--
MW4	08/02/00	204.62	15.75	0.00	188.87	84,000	--	--	430	8,700	2,700	16,000	--	45.7	17.2	--
MW4	11/09/00	204.62	17.65	0.00	186.97	91,000	--	--	480	12,000	2,600	14,000	200	19	14.7	--
MW4	06/26/01	204.62	15.51	0.00	189.11	79,000	8,200	<2,000	2,100	7,200	2,300	15,000	<100	--	--	--
MW4	09/27/01	204.62	16.15	0.01	188.48	NAPL Present										
MW4	12/06/01	204.62	15.66	0.01	188.97	NAPL Present										
MW4	03/28/02	204.62	14.76	0.00	189.86	79,200	48,900	<10,000	650	6,980	2,750	17,400	220	--	--	--
MW4	09/30/02	204.62	16.22	Trace	188.40	59,500	13,900	1,630	648	6,740	2,060	14,600	--	--	--	--
MW4	03/25/03	204.62	15.85	Trace	188.77	65,300	20,200	<1,000	1,390	4,580	1,840	11,300	184	--	--	--
MW4	10/17/03	204.62	16.51	0.00	188.11	51,000	8,420	453	506	1,360	2,100	14,700	356	--	--	--
MW4	04/13/04	204.62	14.64	Trace	189.98	69,000	7,550	1,740	380	1,750	2,360	14,100	--	--	--	--
MW4	11/11/04	204.62	15.30	0.00	189.32	39,700	17,700	2,420	230	340	1,340	8,950	--	--	--	--
MW4	05/11/05	204.62	18.00	0.00	186.62	93,200	53,500	<5,000	260	784	1,030	8,210	--	--	--	--
MW4	04/05/06	204.62	16.31	0.00	188.31	71,700	18,200	2,600	218	481	1,550	11,700	--	--	--	<100
MW4	10/19/06	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	01/29/07	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW4	04/27/07	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	09/05/07	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/12/07	204.62	19.78	0.00	184.84	<250	2,180	1,460	<1.00	<1.00	1.06	<3.00	--	296	8.72	<100
MW4	02/20/08	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/29/08	204.62	22.11	0.00	182.51	108	4,220	3,420	<1.00	<1.00	<1.00	<3.00	--	--	--	<100
MW4	08/21/08	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	11/19/08	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/26/09	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/27/09	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/12/09	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	08/13/09	204.62	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	08/14/09	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/03/09	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/25/10	204.62	19.16	0.00	185.46	--	--	--	--	--	--	--	--	--	--	--
MW4	03/26/10	204.62	19.53	0.00	185.09	<100	375	261	2.71	<1.00	<1.00	<3.00	--	13.7	<5.00	--
MW4	06/09/10	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	09/20/10	204.62	15.86	0.00	188.76	--	--	--	--	--	--	--	--	--	--	--
MW4	09/21/10	204.62	15.96	0.00	188.66	587	448	254	129	10.9	1.22	19.8	--	8.10	<5.00	--
MW4	12/16/10	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/22/11	204.62	15.62	0.00	189.00	338	831	513	16.6	2.84	<1.00	5.53	--	12.0	5.80	--
MW4	03/23/11	204.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	06/08/11 f	214.16	15.39	0.00	198.77	--	--	--	--	--	--	--	--	--	--	--
MW4	06/09/11	214.16	14.87	0.00	199.29	439	904	<263	14.0	8.70	<1.00	9.62	--	36.9	8.50	--
MW4	09/14/11	214.16	16.31	0.00	197.85	--	--	--	--	--	--	--	--	--	--	--
MW4	09/15/11	214.16	16.32	0.00	197.84	124	1,000	337	6.94	1.54	<1.00	3.81	--	10.5	<5.00	--
MW4	09/16/11	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/01/11	214.16	15.69	0.00	198.47	--	--	--	--	--	--	--	--	--	--	--
MW4	12/02/11	214.16	15.17	0.00	198.99	100	371	<240	6.06	<1.00	<1.00	<3.00	--	28.0	<5.00	--
MW4	02/23/12	214.16	15.97	0.00	198.19	<100	457	367	6.14	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW4	02/24/12	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/09/12	214.16	15.19	0.00	198.97	--	--	--	--	--	--	--	--	--	--	--
MW4	05/10/12	214.16	15.19	0.00	198.97	<100	269	176	3.26	<1.00	<1.00	<3.00	--	61.7	<50.0	--
MW4	08/14/12	214.16	15.27	0.00	198.89	--	--	--	--	--	--	--	--	--	--	--
MW4	08/15/12	214.16	15.27	0.00	198.89	<100	359	350	<1.00	<1.00	<1.00	<3.00	--	6.80	<5.00	--
MW4	11/12/12	214.16	17.62	0.00	196.54	--	--	--	--	--	--	--	--	--	--	--
MW4	11/13/12	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW4	11/14/12	214.16	17.54	0.00	196.62	<100	150	<95.2	<1.00	<1.00	<1.00	<3.00	--	8.10	<5.00	--
MW4	02/05/13	214.16	17.26	0.00	196.90	--	--	--	--	--	--	--	--	--	--	--
MW4	02/06/13	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/07/13	214.16	17.11	0.00	197.05	<100	115	107	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW4	05/06/13	214.16	18.93	0.00	195.23	--	--	--	--	--	--	--	--	--	--	--
MW4	05/07/13	214.16	18.87	0.00	195.29	<100	<97.1	149	<1.00	<1.00	<1.00	<3.00	--	8.70	7.80	--
MW4	05/08/13	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	07/31/13	214.16	19.97	0.00	194.19	--	--	--	--	--	--	--	--	--	--	--
MW4	08/01/13	214.16	19.89	0.00	194.27	<100	244	<94.3	<1.00	<1.00	<1.00	<3.00	--	154	<5.00	--
MW4	11/11/13	214.16	20.32	0.00	193.84	--	--	--	--	--	--	--	--	--	--	--
MW4	11/12/13	214.16	20.29	0.00	193.87	<100	327	379	<1.00	<1.00	<1.00	<3.00	--	42.6	<5.00	--
MW4	02/10/14	214.16	19.59	0.00	194.57	--	--	--	--	--	--	--	--	--	--	--
MW4	02/11/14	214.16	19.52	0.00	194.64	<100	303	342	<1.00	<1.00	<1.00	<3.00	--	7.70	<5.00	--
MW4	05/28/14	214.16	18.68	0.00	195.48	--	--	--	--	--	--	--	--	--	--	--
MW4	05/29/14	214.16	18.68	0.00	195.48	<100	221	262	<1.00	<1.00	<1.00	<3.00	--	10.5	<5.00	--
MW4	08/06/14	214.16	18.59	0.00	195.57	--	--	--	--	--	--	--	--	--	--	--
MW4	08/07/14	214.16	18.65	0.00	195.51	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	9.60	<5.00	--
MW4	08/08/14	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	11/10/14	214.16	17.39	0.00	196.77	<100	101	<100	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW4	11/11/14	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	11/12/14	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/10/15	214.16	17.71	0.00	196.45	--	--	--	--	--	--	--	--	--	--	--
MW4	02/11/15	214.16	15.89	0.00	198.27	<100	<102	<102	<1.00	<1.00	<1.00	<3.00	--	15.9	<5.00	--
MW4	06/08/15	214.16	15.94	0.00	198.22	--	--	--	--	--	--	--	--	--	--	--
MW4	06/09/15	214.16	15.94	0.00	198.22	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW4	09/08/15	214.16	17.00	0.00	197.16	--	--	--	--	--	--	--	--	--	--	--
MW4	09/09/15	214.16	17.00	0.00	197.16	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW4	12/08/15	214.16	15.92	0.00	198.24	--	--	--	--	--	--	--	--	--	--	--
MW4	12/09/15	214.16	16.02	0.00	198.14	<100	165	<94.3	<1.00	<1.00	<1.00	<3.00	--	5.50	<5.00	--
MW4	03/07/16	214.16	14.66	0.00	199.50	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW4	03/08/16	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/09/16	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	06/06/16	214.16	15.28	0.00	198.88	--	--	--	--	--	--	--	--	--	--	--
MW4	06/07/16	214.16	15.28	0.00	198.88	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW4	06/08/16	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	08/29/16	214.16	16.19	0.00	197.97	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW4	08/30/16	214.16	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	08/31/16	214.16	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/19/16	214.16	14.58	0.00	199.58	--	--	--	--	--	--	--	--	--	--	--
MW4	12/20/16	214.16	14.68	0.00	199.48	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW4	12/21/16	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/27/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	02/28/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/01/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	03/02/17	214.16	14.15	0.00	200.01	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	--
MW4	04/17/17	214.16	13.48	0.00	200.68	--	--	--	--	--	--	--	--	--	--	--
MW4	04/18/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/01/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	05/02/17	214.16	14.74	0.00	199.42	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW4	07/18/17	214.16	14.81	0.00	199.35	--	--	--	--	--	--	--	--	--	--	--
MW4	07/19/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	07/20/17	214.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	07/21/17	214.16	14.93	0.00	199.23	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
Destroyed																

Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs

MW5	03/20/92	203.22	16.55	0.00	186.67	<b>100,000</b>	--	--	<b>12,000</b>	<b>16,000</b>	<b>2,500</b>	<b>13,000</b>	--	--	--	--
MW5	03/30/95	203.22	15.95	0.00	187.27	<b>53,000</b>	--	--	<b>12,000</b>	<b>9,400</b>	<b>1,100</b>	<b>5,800</b>	<b>73</b>	<b>6.1</b>	--	--
MW5	01/23/96	203.22	15.57	0.00	187.65	<b>98,000</b>	--	--	<b>18,000</b>	<b>16,000</b>	<b>2,300</b>	<b>12,000</b>	--	<b>17</b>	--	--
MW5	04/17/96	203.22	15.48	0.00	187.74	<b>110,000</b>	--	--	<b>21,000</b>	<b>22,000</b>	<b>2,700</b>	<b>15,000</b>	--	<b>13</b>	--	--
MW5	07/24/96	203.22	15.97	0.00	187.25	<b>76,100</b>	--	--	<b>18,400</b>	<b>15,600</b>	<b>2,020</b>	<b>10,600</b>	--	<b>18.4</b>	--	--
MW5	11/13/96	203.22	16.82	0.00	186.40	<b>112,000</b>	--	--	<b>20,700</b>	<b>19,800</b>	<b>2,900</b>	<b>14,900</b>	--	<b>15.0</b>	--	--
MW5	01/15/97	203.22	14.27	0.00	188.95	<b>96,700</b>	--	--	<b>17,900</b>	<b>16,300</b>	<b>2,210</b>	<b>11,600</b>	--	<b>10.9</b>	--	--
MW5	03/29/97	203.22	15.10	0.00	188.12	--	--	--	--	--	--	--	--	--	--	--
MW5	06/18/97	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	09/24/97	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	12/10/97	203.22	15.80	0.00	187.42	--	--	--	--	--	--	--	--	--	--	--
MW5	03/10/98	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	05/22/98	203.22	15.79	0.00	187.43	--	--	--	--	--	--	--	--	--	--	--
MW5	06/05/98	203.22	15.16	0.00	188.06	--	--	--	--	--	--	--	--	--	--	--
MW5	09/21/98	203.22	17.34	0.00	185.88	--	--	--	--	--	--	--	--	--	--	--
MW5	12/15/98	203.22	15.96	0.00	187.26	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW5	02/26/99	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	04/21/99	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	09/13/99	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/23/99	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	03/07/00	203.22	15.86	0.00	187.36	--	--	--	--	--	--	--	--	--	--	--
MW5	05/15/00	203.22	15.81	0.00	187.41	--	--	--	--	--	--	--	--	--	--	--
MW5	08/02/00	203.22	16.17	0.00	187.05	13,000	--	--	7,100	440	780	1,600	--	33.3	3.3	--
MW5	11/09/00	203.22	17.02	0.00	186.20	45,000	--	--	14,000	1,900	2,200	7,500	<50	2.0	<1.9	--
MW5	06/26/01	203.22	16.26	0.00	186.96	43,000	1,900	<400	6,500	5,600	1,600	6,700	<6.0	--	--	--
MW5	09/27/01	203.22	16.82	0.00	186.40	3,500	320J	<290	2,200	300	140	400	<0.3	--	--	--
MW5	12/06/01	203.22	17.54	0.00	185.68	5,600	2,300	<400	3,300	120	740	120	<20	--	--	--
MW5	03/28/02	203.22	15.32	0.00	187.90	53,000	7,940	<1,000	7,840	1,810	1,660	5,740	<100	--	--	--
MW5	09/30/02	203.22	16.86	0.00	186.36	43,200	7,410	<1,000	11,200	1,160	1,630	4,310	--	--	--	--
MW5	03/25/03	203.22	16.65	0.00	186.57	33,600	13,100	3,420	5,380	490	975	2,960	170	--	--	--
MW5	10/17/03	203.22	17.00	0.00	186.22	56,300	3,560	113	7,820	830	1,580	3,860	110	--	--	--
MW5	04/13/04	203.22	15.01	Trace	188.21	51,600	4,420	1,220	9,870	1,370	1,440	4,690	--	--	--	--
MW5	11/11/04	203.22	16.64	0.00	186.58	40,300	3,850	525	11,500	740	1,680	3,840	--	--	--	--
MW5	05/11/05	203.22	19.00	0.00	184.22	106,000	1,790	530	7,560	1,670	450	3,470	--	--	--	--
MW5	04/05/06	203.22	16.38	0.00	186.84	15,900	1,560	233	5,050	298	136	622	--	--	--	--
MW5	10/19/06	203.22	19.30	0.00	183.92	246	417	144	120	<1.00	4.37	4.40	--	--	--	--
MW5	01/29/07	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	04/27/07	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	09/05/07	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	12/12/07	203.22	21.58	0.00	181.64	2,680	1,750	770	284	<5.00	12.3	343	--	<5.00	<5.00	--
MW5	02/20/08	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	05/29/08	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	08/21/08	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/19/08	203.22	21.78	0.00	181.44	12,100	3,380	<625	183	36.6	514	728	--	569	<5.00	--
MW5	02/26/09	203.22	22.28	0.00	180.94	--	--	--	--	--	--	--	--	--	--	--
MW5	02/27/09	203.22	22.32	0.00	180.90	474	10,600	11,600	9.54	<1.00	<1.00	<3.00	--	73.3	<5.00	--
MW5	05/12/09	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	08/13/09	203.22	22.24	0.00	180.98	--	--	--	--	--	--	--	--	--	--	--
MW5	08/14/09	203.22	22.41	0.00	180.81	295	3,780	4,250	2.12	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW5	12/03/09	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	03/25/10	203.22	20.39	0.00	182.83	--	--	--	--	--	--	--	--	--	--	--
MW5	03/26/10	203.22	20.57	0.00	182.65	<100	2,580	1,930	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW5	06/09/10	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	09/20/10	203.22	18.63	0.00	184.59	--	--	--	--	--	--	--	--	--	--	--
MW5	09/21/10	203.22	18.97	0.00	184.25	<100	<b>5,170</b>	<b>3,410</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	12/16/10	203.22	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	03/22/11	203.22	14.98	0.00	188.24	--	--	--	--	--	--	--	--	--	--	--
MW5	03/23/11	203.22	14.83	0.00	188.39	<100	252	326	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	06/08/11 f	212.65	14.94	0.00	197.71	--	--	--	--	--	--	--	--	--	--	--
MW5	06/09/11	212.65	14.81	0.00	197.84	<100	<b>1,790</b>	<b>777</b>	<1.00	<1.00	<1.00	<3.00	--	<b>24.4</b>	<5.00	--
MW5	09/14/11	212.65	18.59	0.00	194.06	--	--	--	--	--	--	--	--	--	--	--
MW5	09/15/11	212.65	18.58	0.00	194.07	218	<b>4,450</b>	<b>1,530</b>	<1.00	<1.00	<1.00	<3.00	--	<b>17.6</b>	<5.00	--
MW5	09/16/11	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	12/01/11	212.65	16.73	0.00	195.92	--	--	--	--	--	--	--	--	--	--	--
MW5	12/02/11	212.65	16.22	0.00	196.43	101	<b>1,020</b>	287	<1.00	<1.00	<1.00	<3.00	--	<b>15.3</b>	<50.0	--
MW5	02/23/12	212.65	15.81	0.00	196.84	<100	452	<b>675</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	02/24/12	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	05/09/12	212.65	15.72	0.00	196.93	<100	347	349	<1.00	<1.00	<1.00	<3.00	--	<b>107</b>	<50.0	--
MW5	05/10/12	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	08/14/12	212.65	16.01	0.00	196.64	--	--	--	--	--	--	--	--	--	--	--
MW5	08/15/12	212.65	16.01	0.00	196.64	<100	<b>645</b>	<b>873</b>	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	11/12/12	212.65	16.75	0.00	195.90	--	--	--	--	--	--	--	--	--	--	--
MW5	11/13/12	212.65	16.95	0.00	195.70	<b>1,060</b>	<b>1,500</b>	212	1.57	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	11/14/12	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/05/13	212.65	16.01	0.00	196.64	--	--	--	--	--	--	--	--	--	--	--
MW5	02/06/13	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/07/13	212.65	16.18	0.00	196.47	191	<b>502</b>	117	<1.00	<1.00	<1.00	<3.00	--	7.20	<5.00	--
MW5	05/06/13	212.65	18.03	0.00	194.62	--	--	--	--	--	--	--	--	--	--	--
MW5	05/07/13	212.65	18.15	0.00	194.50	326	466	116	<1.00	<1.00	<1.00	<3.00	--	<b>15.5</b>	6.20	--
MW5	05/08/13	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/31/13	212.65	18.38	0.00	194.27	--	--	--	--	--	--	--	--	--	--	--
MW5	08/01/13	212.65	18.49	0.00	194.16	221	<b>636</b>	<94.3	<1.00	<1.00	<1.00	<3.00	--	7.50	<5.00	--
MW5	11/11/13	212.65	18.78	0.00	193.87	288	<b>925</b>	125	<1.00	<1.00	<1.00	<3.00	--	11.5	<5.00	--
MW5	11/12/13	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/10/14	212.65	18.87	0.00	193.78	--	--	--	--	--	--	--	--	--	--	--
MW5	02/11/14	212.65	18.97	0.00	193.68	182	<b>1,880</b>	209	<1.00	<1.00	<1.00	<3.00	--	<5.00	5.40	--
MW5	05/28/14	212.65	18.27	0.00	194.38	<100	439	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	05/29/14	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW5	08/06/14	212.65	18.21	0.00	194.44	--	--	--	--	--	--	--	--	--	--	--
MW5	08/07/14	212.65	18.28	0.00	194.37	<100	666	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	08/08/14	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/10/14	212.65	17.97	0.00	194.68	--	--	--	--	--	--	--	--	--	--	--
MW5	11/11/14	212.65	17.97	0.00	194.68	<100	402	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	11/12/14	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/10/15	212.65	17.95	0.00	194.70	<100	501	128	<1.00	<1.00	<1.00	<3.00	--	10.4	<5.00	--
MW5	02/11/15	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	06/08/15	212.65	16.08	0.00	196.57	--	--	--	--	--	--	--	--	--	--	--
MW5	06/09/15	212.65	16.08	0.00	196.57	<100	343	<93.5	<1.00	<1.00	<1.00	<3.00	--	8.00	<5.00	--
MW5	09/08/15	212.65	17.21	0.00	195.44	--	--	--	--	--	--	--	--	--	--	--
MW5	09/09/15	212.65	17.21	0.00	195.44	<100	769	146	<1.00	<1.00	<1.00	<3.00	--	5.90	<5.00	--
MW5	12/08/15	212.65	16.52	0.00	196.13	--	--	--	--	--	--	--	--	--	--	--
MW5	12/09/15	212.65	16.70	0.00	195.95	<100	549	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	03/07/16	212.65	14.80	0.00	197.85	--	--	--	--	--	--	--	--	--	--	--
MW5	03/08/16	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	03/09/16	212.65	14.63	0.00	198.02	272	973	100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	06/06/16	212.65	15.36	0.00	197.29	--	--	--	--	--	--	--	--	--	--	--
MW5	06/07/16	212.65	15.74	0.00	196.91	<100	779	96.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	06/08/16	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	08/29/16	212.65	16.38	0.00	196.27	--	--	--	--	--	--	--	--	--	--	--
MW5	08/30/16	212.65	16.41	0.00	196.24	<100	234	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW5	08/31/16	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	12/19/16	212.65	14.96	0.00	197.69	--	--	--	--	--	--	--	--	--	--	--
MW5	12/20/16	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	12/21/16	212.65	15.11	0.00	197.54	<100	145	<93.5	<5.00	<5.00	<5.00	<15.0	--	7.40	10.4	--
MW5	02/27/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/28/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	03/01/17	212.65	14.38	0.00	198.27	<100	190	<91	2.2	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	03/02/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	04/17/17	212.65	13.68	0.00	198.97	--	--	--	--	--	--	--	--	--	--	--
MW5	04/18/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	05/01/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	05/02/17	212.65	14.76	0.00	197.89	<100	150	<91	0.79	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	07/18/17	212.65	14.56	0.00	198.09	--	--	--	--	--	--	--	--	--	--	--
MW5	07/19/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW5	07/20/17	212.65	14.72	0.00	197.93	<100	380	<100	1.2	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	07/21/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/07/17	212.65	16.16	0.00	196.49	--	--	--	--	--	--	--	--	--	--	--
MW5	11/08/17	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/09/17	212.65	16.13	0.00	196.52	<100	270	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	02/20/18	212.65	14.40	0.00	198.25	--	--	--	--	--	--	--	--	--	--	--
MW5	02/21/18	212.65	14.43	0.00	198.22	<100	140	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	02/22/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	06/28/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	06/29/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/03/18	212.65	14.75	0.00	197.90	<100	150	<98	2.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	09/12/18	212.65	15.89	0.00	196.76	<100	160	<100	2.7	1.4	<1.0	<1.0	--	<10.0	<10.0	--
MW5	11/12/18	212.65	16.68	0.00	195.97	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW5	11/13/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/14/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	11/15/18	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/14/19	212.65	14.86	0.00	197.79	<100	<100	220	<1.0	<1.0	<1.0	<1.0	--	1.03	<1.00	--
MW5	04/08/19	212.65	15.08	0.00	197.57	--	--	--	--	--	--	--	--	--	--	--
MW5	04/09/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	04/10/19	212.65	15.07	0.00	197.58	<100	<100	100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW5	04/11/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/08/19	212.65	15.56	0.00	197.09	--	--	--	--	--	--	--	--	--	--	--
MW5	07/09/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/10/19	212.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	07/11/19	212.65	15.62	0.00	197.03	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--

Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs

MW6	03/20/92	203.18	16.19	0.00	186.99	<b>130,000</b>	--	--	<b>18,000</b>	<b>20,000</b>	<b>3,100</b>	<b>16,000</b>	--	--	--	--
MW6	03/30/95	203.18	15.20	<b>0.05</b>	188.02	<b>NAPL Present</b>										
MW6	01/23/96	203.18	15.18	0.00	188.00	<b>170,000</b>	--	--	<b>29,000</b>	<b>15,000</b>	<b>3,100</b>	<b>18,000</b>	--	<b>290</b>	--	--
MW6	04/17/96	203.18	15.10	<b>0.12</b>	188.18	<b>NAPL Present</b>										
MW6	07/24/96	203.18	15.52	<b>0.05</b>	187.70	<b>NAPL Present</b>										
MW6	11/13/96	203.18	16.52	0.00	186.66	<b>120,000</b>	--	--	<b>26,100</b>	<b>18,100</b>	<b>2,730</b>	<b>14,200</b>	--	<b>83.7</b>	--	--
MW6	01/15/97	203.18	13.51	0.00	189.67	<b>97,000</b>	--	--	<b>29,300</b>	<b>14,500</b>	<b>2,110</b>	<b>12,400</b>	--	<b>49.5</b>	--	--
MW6	03/29/97	203.18	15.10	0.00	188.08	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW6	06/18/97	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	09/24/97	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/10/97	203.18	15.58	0.00	187.60	--	--	--	--	--	--	--	--	--	--	--
MW6	03/10/98	203.18	17.21	0.00	185.97	--	--	--	--	--	--	--	--	--	--	--
MW6	05/22/98	203.18	14.71	0.00	188.47	--	--	--	--	--	--	--	--	--	--	--
MW6	06/05/98	203.18	14.82	0.00	188.36	--	--	--	--	--	--	--	--	--	--	--
MW6	09/21/98	203.18	16.97	0.00	186.21	--	--	--	--	--	--	--	--	--	--	--
MW6	12/15/98	203.18	15.61	0.00	187.57	--	--	--	--	--	--	--	--	--	--	--
MW6	02/26/99	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	04/21/99	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	09/13/99	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/23/99	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	03/07/00	203.18	15.40	0.00	187.78	--	--	--	--	--	--	--	--	--	--	--
MW6	05/15/00	203.18	15.35	0.00	187.83	--	--	--	--	--	--	--	--	--	--	--
MW6	08/02/00	203.18	15.71	0.00	187.47	<b>140,000</b>	--	--	<b>29,000</b>	<b>25,000</b>	<b>3,500</b>	<b>20,000</b>	--	<b>43.3</b>	<b>38.1</b>	--
MW6	11/10/00	203.18	16.50	0.00	186.68	<b>140,000</b>	--	--	<b>35,000</b>	<b>24,000</b>	<b>3,500</b>	<b>17,000</b>	<100	<b>21.0</b>	<b>18.3</b>	--
MW6	06/26/01	203.18	15.89	0.00	187.29	<b>140,000</b>	<b>3,200</b>	<1,000	<b>29,000</b>	<b>28,000</b>	<b>3,600</b>	<b>20,000</b>	<30	--	--	--
MW6	09/27/01	203.18	16.30	0.00	186.88	<b>180,000</b>	<b>7,600</b>	<4,000	<b>32,000</b>	<b>28,000</b>	<b>3,500</b>	<b>19,000</b>	<60	--	--	--
MW6	12/06/01	203.18	15.92	0.00	187.26	<b>120,000</b>	<b>6,200</b>	<1,000	<b>29,000</b>	<b>23,000</b>	<b>3,100</b>	<b>17,000</b>	<100	--	--	--
MW6	03/28/02	203.18	14.85	0.00	188.33	<b>175,000</b>	<b>11,100</b>	<1,000	<b>29,900</b>	<b>23,000</b>	<b>3,050</b>	<b>15,200</b>	<500	--	--	--
MW6	09/30/02	203.18	16.37	0.00	186.81	<b>128,000</b>	<b>4,710</b>	<1,000	<b>25,000</b>	<b>18,800</b>	<b>2,480</b>	<b>13,100</b>	--	--	--	--
MW6	03/25/03	203.18	16.05	0.00	187.13	<b>92,200</b>	<b>5,100</b>	<200	<b>17,700</b>	<b>11,100</b>	<b>2,070</b>	<b>11,200</b>	<100	--	--	--
MW6	10/17/03	203.18	16.71	0.00	186.47	<b>166,000</b>	<b>6,640</b>	318	<b>23,500</b>	<b>17,200</b>	<b>1,670</b>	<b>14,300</b>	<b>382</b>	--	--	--
MW6	04/13/04	203.18	14.75	<b>Trace</b>	188.43	<b>NAPL Present</b>										
MW6	11/11/04	203.18	16.10	0.00	187.08	<b>96,800</b>	<b>6,450</b>	<1,000	<b>19,100</b>	<b>14,300</b>	<b>2,280</b>	<b>12,000</b>	--	--	--	--
MW6	05/11/05	203.18	19.70	0.00	183.48	<b>118,000</b>	<b>12,600</b>	<2,000	<b>3,790</b>	<b>3,080</b>	<b>1,470</b>	<b>8,020</b>	--	--	--	--
MW6	04/05/06	203.18	16.50	0.00	186.68	<b>30,900</b>	<b>11,300</b>	<b>1,050</b>	<b>980</b>	<b>1,730</b>	<b>463</b>	<b>6,020</b>	--	--	--	--
MW6	10/19/06	203.18	20.87	0.00	182.31	<b>13,700</b>	<b>2,260</b>	<b>500</b>	<b>4,600</b>	<b>45.5</b>	<b>812</b>	<b>630</b>	--	--	--	--
MW6	01/29/07	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	04/27/07	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	09/05/07	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/12/07	203.18	20.56	0.00	182.62	749	<b>4,100</b>	<b>2,060</b>	<b>19.9</b>	<1.00	18.9	14.9	--	<b>101</b>	<5.00	--
MW6	02/20/08	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	05/29/08	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	08/21/08	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/19/08	203.18	20.82	0.00	182.36	<b>10,100</b>	<b>2,580</b>	<b>1,470</b>	<b>91.8</b>	16.2	365	480	--	<b>338</b>	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW6	02/26/09	203.18	21.34	0.00	181.84	--	--	--	--	--	--	--	--	--	--	--
MW6	02/27/09 e	203.18	21.46	0.00	181.72	--	--	--	--	--	--	--	--	--	--	--
MW6	05/12/09	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	08/13/09	203.18	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	08/14/09	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/03/09	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	03/25/10	203.18	17.49	0.00	185.69	--	--	--	--	--	--	--	--	--	--	--
MW6	03/26/10	203.18	17.58	0.00	185.60	<100	<97.1	124	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	06/09/10	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	09/20/10	203.18	15.50	0.00	187.68	<100	400	184	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	09/21/10	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/16/10	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	03/22/11	203.18	15.36	0.00	187.82	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	9.30	<5.00	--
MW6	03/23/11	203.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	06/08/11 f	212.69	14.57	0.00	198.12	--	--	--	--	--	--	--	--	--	--	--
MW6	06/09/11	212.69	14.42	0.00	198.27	153	<105	<263	<1.00	<1.00	<1.00	4.76	--	27.5	5.70	--
MW6	09/14/11	212.69	18.84	0.00	193.85	--	--	--	--	--	--	--	--	--	--	--
MW6	09/15/11	212.69	18.76	0.00	193.93	<100	310	<238	<1.00	<1.00	<1.00	<3.00	--	8.10	<5.00	--
MW6	09/16/11	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/01/11	212.69	15.06	0.00	197.63	--	--	--	--	--	--	--	--	--	--	--
MW6	12/02/11	212.69	15.14	0.00	197.55	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	36.9	<5.00	--
MW6	02/23/12	212.69	16.06	0.00	196.63	<100	<96.2	<240	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	02/24/12	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	05/09/12	212.69	15.23	0.00	197.46	--	--	--	--	--	--	--	--	--	--	--
MW6	05/10/12	212.69	18.23	0.00	194.46	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	43.7	<5.00	--
MW6	08/14/12	212.69	15.43	0.00	197.26	--	--	--	--	--	--	--	--	--	--	--
MW6	08/15/12	212.69	14.42	0.00	198.27	<100	<95.2	179	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	11/12/12	212.69	16.71	0.00	195.98	--	--	--	--	--	--	--	--	--	--	--
MW6	11/13/12	212.69	16.80	0.00	195.89	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	5.20	--	--
MW6	11/14/12	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	02/05/13	212.69	15.87	0.00	196.82	--	--	--	--	--	--	--	--	--	--	--
MW6	02/06/13	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	02/07/13	212.69	15.94	0.00	196.75	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	12.9	<5.00	--
MW6	05/06/13	212.69	18.12	0.00	194.57	--	--	--	--	--	--	--	--	--	--	--
MW6	05/07/13	212.69	18.15	0.00	194.54	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	25.7	<5.00	--
MW6	05/08/13	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW6	07/31/13	212.69	18.51	0.00	194.18	--	--	--	--	--	--	--	--	--	--	--
MW6	08/01/13	212.69	18.62	0.00	194.07	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	22.7	<5.00	--
MW6	11/11/13	212.69	19.02	0.00	193.67	--	--	--	--	--	--	--	--	--	--	--
MW6	11/12/13	212.69	19.08	0.00	193.61	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	16.7	<5.00	--
MW6	02/10/14	212.69	18.81	0.00	193.88	--	--	--	--	--	--	--	--	--	--	--
MW6	02/11/14	212.69	18.86	0.00	193.83	<100	239	316	<1.00	<1.00	<1.00	<3.00	--	15.8	<5.00	--
MW6	05/28/14	212.69	18.33	0.00	194.36	--	--	--	--	--	--	--	--	--	--	--
MW6	05/29/14	212.69	18.33	0.00	194.36	3,540	8,030	<103	2.83	13.4	2.77	247	--	377	<5.00	--
MW6	08/06/14	212.69	18.44	0.00	194.25	--	--	--	--	--	--	--	--	--	--	--
MW6	08/07/14	212.69	18.43	0.00	194.26	<100	<94.8	<94.8	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	08/08/14	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/10/14	212.69	17.66	0.00	195.03	--	--	--	--	--	--	--	--	--	--	--
MW6	11/11/14	212.69	17.70	0.00	194.99	<100	470	<93.9	<1.00	<1.00	<1.00	<3.00	--	15.3	<5.00	--
MW6	11/12/14	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	02/10/15	212.69	17.84	0.00	194.85	652	798	112	1.63	<1.00	1.35	21.3	--	8.50	<5.00	--
MW6	02/11/15	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	06/08/15	212.69	15.78	0.00	196.91	--	--	--	--	--	--	--	--	--	--	--
MW6	06/09/15	212.69	15.78	0.00	196.91	580	893	187	<1.00	<1.00	2.51	11.7	--	<5.00	<5.00	--
MW6	07/21/15	212.69	16.32	0.00	196.37	<100	277	<93.5	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<5.00	--
MW6	09/08/15	212.69	16.84	0.00	195.85	--	--	--	--	--	--	--	--	--	--	--
MW6	09/09/15	212.69	16.83	0.00	195.86	<100	538	589	<1.00	<1.00	<1.00	<3.00	--	6.60	<5.00	--
MW6	12/08/15	212.69	14.80	0.00	197.89	--	--	--	--	--	--	--	--	--	--	--
MW6	12/09/15	212.69	15.35	0.00	197.34	<100	296	732	<1.00	<1.00	<1.00	<3.00	--	10.8	<5.00	--
MW6	03/07/16	212.69	14.39	0.00	198.30	--	--	--	--	--	--	--	--	--	--	--
MW6	03/08/16	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	03/09/16	212.69	14.68	0.00	198.01	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW6	06/06/16	212.69	15.45	0.00	197.24	--	--	--	--	--	--	--	--	--	--	--
MW6	06/07/16	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	06/08/16	212.69	15.45	0.00	197.24	<100	340	431	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW6	08/29/16	212.69	16.02	0.00	196.67	--	--	--	--	--	--	--	--	--	--	--
MW6	08/30/16	212.69	18.02	0.00	194.67	<100	241	99.0	2.97	1.42	<1.00	11.4	--	<5.00	<5.00	--
MW6	08/31/16	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/19/16	212.69	14.90	0.00	197.79	--	--	--	--	--	--	--	--	--	--	--
MW6	12/20/16	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	12/21/16	212.69	15.05	0.00	197.64	1,010	357	690	1.60	8.39	1.51	15.3	--	16.0	<5.00	--
MW6	02/27/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW6	02/28/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	03/01/17	212.69	14.41	0.00	198.28	<100	<91	120	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW6	03/02/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	04/17/17	212.69	12.55	0.00	200.14	--	--	--	--	--	--	--	--	--	--	--
MW6	04/18/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	05/01/17	212.69	13.11	0.00	199.58	<100	<91	<91	<0.50	2.8	<1.0	4.9	--	<10.0	<10.0	--
MW6	05/02/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/18/17	212.69	14.68	0.00	198.01	--	--	--	--	--	--	--	--	--	--	--
MW6	07/19/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/20/17	212.69	14.78	0.00	197.91	200	320	<100	8.2	7.9	4.9	42	--	<10.0	<10.0	--
MW6	07/21/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/07/17	212.69	16.03	0.00	196.66	--	--	--	--	--	--	--	--	--	--	--
MW6	11/08/17	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/09/17	212.69	16.03	0.00	196.66	680	1,300	720	3.9	12	6.5	65	--	<10.0	14.9	--
MW6	02/20/18	212.69	14.35	0.00	198.34	--	--	--	--	--	--	--	--	--	--	--
MW6	02/21/18	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	02/22/18	212.69	14.42	0.00	198.27	130	250	480	1.1	1.7	1.2	5.0	--	<10.0	<10.0	--
MW6	06/28/18	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	06/29/18	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/03/18	212.69	14.82	0.00	197.87	<100	110	360	0.81	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW6	09/17/18	212.69	NM	--	--	<100	350	1,300	8.3	4.5	2.3	5.5	--	25.9	<10.0	--
MW6	10/26/18	212.69	NM	0.00	--	<100	<94	<94	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW6	11/12/18	212.69	16.77	0.00	195.92	--	--	--	--	--	--	--	--	--	--	--
MW6	11/13/18	212.69	16.76	0.00	195.93	<100	<100	160	5.3	<1.0	<1.0	1.7	--	<10.0	<10.0	--
MW6	11/14/18	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	11/15/18	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	02/12/19	212.69	15.66	0.00	197.03	170	150	350	1.2	<1.0	<1.0	<1.0	--	<50.0	<50.0	--
MW6	04/08/19	212.69	15.22	0.00	197.47	<100	110	<100	1.3	<1.0	<1.0	<1.0	--	1.16	<1.00	--
MW6	04/09/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	04/10/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	04/11/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/08/19	212.69	15.62	0.00	197.07	<100	<96	<96	1.3	<1.0	<1.0	<3.0	--	1.13	<1.00	--
MW6	07/09/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/10/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	07/11/19	212.69	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs																
MW7	03/20/92	202.78	16.29	0.00	186.49	77,000	--	--	9,700	11,000	2,000	10,000	--	--	--	--
MW7	03/30/95	202.78	14.50	0.05	188.32	NAPL Present										
MW7	01/23/96	202.78	13.40	0.00	189.38	100,000	--	--	18,000	15,000	2,200	12,000	--	120	--	--
MW7	04/17/96	202.78	13.47	0.00	189.31	32,000	--	--	7,600	3,900	920	4,500	--	41	37	--
MW7	07/24/96	202.78	13.95	0.00	188.83	21,000	--	--	6,370	2,340	770	3,600	--	19.8	--	--
MW7	11/13/96	202.78	14.88	0.00	187.90	7,320	--	--	3,480	189	389	1,520	--	6.61	--	--
MW7	01/15/97	202.78	13.19	0.00	189.59	21,400	--	--	6,630	2,390	721	3,380	--	13.4	--	--
MW7	03/29/97	202.78	14.75	0.00	188.03	--	--	--	--	--	--	--	--	--	--	--
MW7	06/18/97	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	09/24/97	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/10/97	202.78	14.96	0.00	187.82	--	--	--	--	--	--	--	--	--	--	--
MW7	03/10/98	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	05/22/98	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	06/05/98	202.78	14.40	0.00	188.38	--	--	--	--	--	--	--	--	--	--	--
MW7	09/21/98	202.78	16.62	0.00	186.16	--	--	--	--	--	--	--	--	--	--	--
MW7	12/15/98	202.78	14.21	0.00	188.57	--	--	--	--	--	--	--	--	--	--	--
MW7	02/26/99	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	04/21/99	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	09/13/99	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	11/23/99	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	03/07/00	202.78	15.05	0.00	187.73	--	--	--	--	--	--	--	--	--	--	--
MW7	05/15/00	202.78	15.00	0.00	187.78	--	--	--	--	--	--	--	--	--	--	--
MW7	08/02/00	202.78	16.51	0.00	186.27	50,000	--	--	20,000	2,700	2,200	8,400	--	91.6	14.2	--
MW7	11/10/00	202.78	16.55	0.00	186.23	94,000	--	--	28,000	7,100	3,200	15,000	86	24.6	21.6	--
MW7	06/26/01	202.78	15.38	0.00	187.40	100,000	3,700	<2,000	23,000	14,000	3,400	19,000	<100	--	--	--
MW7	09/27/01	202.78	16.10	0.025	186.70	NAPL Present										
MW7	12/06/01	202.78	15.86	0.02	186.94	NAPL Present										
MW7	03/28/02	202.78	14.62	0.01	188.17	NAPL Present										
MW7	09/30/02	202.78	15.98	0.00	186.80	127,000	<5,000	<5,000	21,200	15,700	2,400	12,200	--	--	--	--
MW7	03/25/03	202.78	16.54	0.00	186.24	55,600	11,100	865	7,080	1,950	900	3,530	92.0	--	--	--
MW7	10/17/03	202.78	16.94	Trace	185.84	103,000	18,300	3,010	17,700	2,500	2,320	10,200	100	--	--	--
MW7	04/13/04	202.78	15.15	Trace	187.63	NAPL Present										
MW7	11/11/04	202.78	16.45	0.00	186.33	63,500	11,100	1,950	16,600	2,240	2,570	6,550	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW7	05/11/05	202.78	20.56	0.00	182.22	6,120	1,960	260	1,620	206	51.0	454	--	--	--	--
MW7	04/05/06	202.78	16.80	0.00	185.98	26,200	15,600	<1,110	515	392	306	5,480	--	--	--	--
MW7	10/19/06	202.78	21.64	0.00	181.14	<100	<100	150	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW7	01/29/07	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	04/27/07	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	09/05/07	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/12/07	202.78	22.31	0.00	180.47	<250	348	310	3.52	<1.00	<1.00	<3.00	--	74.0	<5.00	--
MW7	02/20/08	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	05/29/08	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	08/21/08	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	11/19/08	202.78	22.21	0.00	180.57	600	1,060	1,300	135	<1.00	1.55	<3.00	--	30.7	<5.00	--
MW7	02/26/09	202.78	22.91	0.00	179.87	--	--	--	--	--	--	--	--	--	--	--
MW7	02/27/09 e	202.78	22.85	0.00	179.93	--	--	--	--	--	--	--	--	--	--	--
MW7	05/12/09	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	08/13/09	202.78	23.04	0.00	179.74	--	--	--	--	--	--	--	--	--	--	--
MW7	08/14/09	202.78	23.11	0.00	179.67	<100	335	440	<1.00	<1.00	<1.00	<3.00	--	45.9	<5.00	--
MW7	12/03/09	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	03/25/10	202.78	20.84	0.00	181.94	--	--	--	--	--	--	--	--	--	--	--
MW7	03/26/10	202.78	20.93	0.00	181.85	177	109	381	6.27	17.1	8.24	37.9	--	<5.00	<5.00	--
MW7	06/09/10	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	09/20/10	202.78	15.79	0.00	186.99	<100	188	158	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	09/21/10	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/16/10	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	03/22/11	202.78	15.48	0.00	187.30	<100	718	906	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	03/23/11	202.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	06/08/11 f	212.94	15.14	0.00	197.80	--	--	--	--	--	--	--	--	--	--	--
MW7	06/09/11	212.94	15.02	0.00	197.92	<100	214	361	<1.00	<1.00	<1.00	<3.00	--	29.2	<5.00	--
MW7	09/14/11	212.94	19.05	0.00	193.89	--	--	--	--	--	--	--	--	--	--	--
MW7	09/15/11	212.94	18.96	0.00	193.98	<100	179	294	<1.00	<1.00	<1.00	<3.00	--	37.1	<5.00	--
MW7	09/16/11	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/01/11	212.94	16.27	0.00	196.67	--	--	--	--	--	--	--	--	--	--	--
MW7	12/02/11	212.94	16.51	0.00	196.43	<100	272	327	<1.00	<1.00	<1.00	<3.00	--	22.2	<5.00	--
MW7	02/23/12	212.94	16.25	0.00	196.69	<100	328	834	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	02/24/12	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	05/09/12	212.94	14.24	0.00	198.70	--	--	--	--	--	--	--	--	--	--	--
MW7	05/10/12	212.94	14.42	0.00	198.52	<100	456	583	<1.00	<1.00	<1.00	<3.00	--	69.6	<50.0	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW7	08/14/12	212.94	14.32	0.00	198.62	--	--	--	--	--	--	--	--	--	--	--
MW7	08/15/12	212.94	14.32	0.00	198.62	<100	168	292	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	11/12/12	212.94	17.05	0.00	195.89	--	--	--	--	--	--	--	--	--	--	--
MW7	11/13/12	212.94	17.10	0.00	195.84	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	9.10	<5.00	--
MW7	11/14/12	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	02/05/13	212.94	16.18	0.00	196.76	--	--	--	--	--	--	--	--	--	--	--
MW7	02/06/13	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	02/07/13	212.94	16.40	0.00	196.54	<100	116	105	<1.00	<1.00	<1.00	<3.00	--	12.8	<5.00	--
MW7	05/06/13	212.94	18.42	0.00	194.52	--	--	--	--	--	--	--	--	--	--	--
MW7	05/07/13	212.94	18.46	0.00	194.48	<100	111	145	<1.00	<1.00	<1.00	<3.00	--	13.3	7.00	--
MW7	05/08/13	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	07/31/13	212.94	18.84	0.00	194.10	--	--	--	--	--	--	--	--	--	--	--
MW7	08/01/13	212.94	18.96	0.00	193.98	<100	<94.3	115	<1.00	<1.00	<1.00	<3.00	--	8.50	<5.00	--
MW7	11/11/13	212.94	19.32	0.00	193.62	--	--	--	--	--	--	--	--	--	--	--
MW7	11/12/13	212.94	19.39	0.00	193.55	<100	101	228	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	02/10/14	212.94	19.15	0.00	193.79	--	--	--	--	--	--	--	--	--	--	--
MW7	02/11/14	212.94	19.23	0.00	193.71	<100	<94.3	106	<1.00	<1.00	<1.00	<3.00	--	7.00	<5.00	--
MW7	05/28/14	212.94	18.58	0.00	194.36	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW7	05/29/14	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	08/06/14	212.94	18.71	0.00	194.23	--	--	--	--	--	--	--	--	--	--	--
MW7	08/07/14	212.94	18.73	0.00	194.21	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	08/08/14	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	11/10/14	212.94	18.03	0.00	194.91	--	--	--	--	--	--	--	--	--	--	--
MW7	11/11/14	212.94	18.01	0.00	194.93	<100	111	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	11/12/14	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	02/10/15	212.94	18.26	0.00	194.68	--	--	--	--	--	--	--	--	--	--	--
MW7	02/11/15	212.94	16.19	0.00	196.75	<100	<106	135	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	06/08/15	212.94	16.21	0.00	196.73	--	--	--	--	--	--	--	--	--	--	--
MW7	06/09/15	212.94	16.21	0.00	196.73	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	7.20	<5.00	<100
MW7	09/08/15	212.94	17.14	0.00	195.80	--	--	--	--	--	--	--	--	--	--	--
MW7	09/09/15	212.94	17.14	0.00	195.80	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	12/08/15	212.94	16.24	0.00	196.70	--	--	--	--	--	--	--	--	--	--	--
MW7	12/09/15	212.94	16.31	0.00	196.63	<100	194	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	03/07/16	212.94	14.80	0.00	198.14	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	03/08/16	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	03/09/16	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW7	06/06/16	212.94	15.48	0.00	197.46	--	--	--	--	--	--	--	--	--	--	--
MW7	06/07/16	212.94	15.63	0.00	197.31	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	06/08/16	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	08/29/16	212.94	16.35	0.00	196.59	--	--	--	--	--	--	--	--	--	--	--
MW7	08/30/16	212.94	16.51	0.00	196.43	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW7	08/31/16	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/19/16	212.94	15.22	0.00	197.72	--	--	--	--	--	--	--	--	--	--	--
MW7	12/20/16	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/21/16	212.94	15.30	0.00	197.64	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW7	02/27/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	02/28/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	03/01/17	212.94	14.73	0.00	198.21	<100	<91	<91	3.0	11	<1.0	8.3	<1.0	<10.0	<10.0	--
MW7	03/02/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	04/17/17	212.94	14.03	0.00	198.91	--	--	--	--	--	--	--	--	--	--	--
MW7	04/18/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	05/01/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	05/02/17	212.94	14.22	0.00	198.72	100	<91	<91	1.6	4.5	<1.0	41	--	<10.0	<10.0	--
MW7	07/18/17	212.94	15.03	0.00	197.91	--	--	--	--	--	--	--	--	--	--	--
MW7	07/19/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	07/20/17	212.94	15.12	0.00	197.82	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW7	07/21/17	212.94	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed																

Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs

MW8	03/20/92	204.66	14.75	0.00	189.91	57	--	--	0.94	0.53	<0.50	1.2	--	--	--	--
MW8	03/30/95	204.66	14.60	0.00	190.06	<50	--	--	1.4	1.8	<0.50	<1.0	<0.50	<2.0	--	--
MW8	01/23/96	204.66	14.39	0.00	190.27	410	--	--	16	51	7.2	46	--	<2.0	--	--
MW8	04/17/96	204.66	14.62	0.00	190.04	<50	--	--	1.2	1.7	<0.50	1.7	--	<2.0	--	--
MW8	07/24/96	204.66	14.85	0.00	189.81	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
MW8	11/13/96	204.66	14.88	0.00	189.78	<50	--	--	2.07	1.96	0.556	3.26	--	<2.0	--	--
MW8	01/15/97	204.66	14.33	0.00	190.33	<50	--	--	2.50	1.74	<0.50	2.83	--	<2.0	--	--
MW8	03/29/97	204.66	13.80	0.00	190.86	<50	--	--	<0.50	0.928	<0.50	1.46	--	<2.0	--	--
MW8	06/18/97	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	09/24/97	204.66	14.58	0.00	190.08	<50	--	--	<0.50	<0.50	<0.50	1.4	--	3.8	--	--
MW8	12/10/97	204.66	14.74	0.00	189.92	<50	--	--	<0.50	2.16	<0.50	1.41	<5.0	--	<2.0	--
MW8	03/10/98	204.66	14.48	0.00	190.18	<50	--	--	<0.30	<0.30	<0.30	<0.60	<10	<39	<39	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW8	05/22/98	204.66	14.85	0.00	189.81	--	--	--	--	--	--	--	--	--	--	--
MW8	06/05/98	204.66	14.78	0.00	189.88	<50	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<3.4	<3.4	--
MW8	09/21/98	204.66	15.42	0.00	189.24	<50	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW8	12/15/98	204.66	17.27	0.00	187.39	<48	--	--	<0.2	<0.2	<0.2	0.7	<0.3	<6.5	<6.5	--
MW8	02/26/99	204.66	14.52	0.00	190.14	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW8	04/21/99	204.66	16.64	0.00	188.02	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW8	09/13/99	204.66	15.08	0.00	189.58	<48	--	--	0.3	0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
MW8	11/23/99	204.66	14.70	0.00	189.96	<48	--	--	0.26	<0.2	<0.2	<0.6	0.96	<7.9	<7.9	--
MW8	03/07/00	204.66	14.55	0.00	190.11	<48	--	--	0.22	<0.2	<0.2	<0.6	<b>34</b>	<0.78	<0.78	--
MW8	05/15/00	204.66	15.00	0.00	189.66	<48	--	--	<b>37</b>	1	<0.2	<0.6	<20	3.1	<0.78	--
MW8	08/01/00	204.66	15.56	0.00	189.10	<48	--	--	<b>57</b>	3.2	<0.2	0.71	--	2.3	<1.9	--
MW8	11/09/00	204.66	15.46	0.00	189.20	<48	--	--	1.0	<0.2	<0.2	<0.6	4.9	<1.9	<1.9	--
MW8	06/26/01	204.66	15.12	0.00	189.54	330	<80	<200	<b>50</b>	44	7.8	57	<5.0	--	--	--
MW8	09/27/01	204.66	15.55	0.00	189.11	250J	<76	<0.19	<b>170</b>	27	3.3	27	<b>33</b>	--	--	--
MW8	12/06/01	204.66	14.80	0.00	189.86	<48	<84	<210	<b>260</b>	6.4	0.43J	2.9J	<b>62</b>	--	--	--
MW8	03/28/02	204.66	14.56	0.00	190.10	508	<102	<100	<b>127</b>	7.4	<1.0	3.5	<b>56.2</b>	--	--	--
MW8	09/30/02	204.66	15.51	0.00	189.15	<100	<100	<100	<b>31.0</b>	<1.0	<1.0	<1.0	--	--	--	--
MW8	03/25/03	204.66	14.80	<b>Trace</b>	189.86	<b>NAPL Present</b>										
MW8	10/17/03	204.66	15.59	0.00	189.07	625	280	103	<b>21.0</b>	30.2	15.3	90.5	<b>125</b>	--	--	--
MW8	04/13/04	204.66	14.70	0.00	189.96	<100	<100	<100	<1.00	<1.0	<1.0	<1.0	--	--	--	--
MW8	11/11/04	204.66	14.90	0.00	189.76	246	387	124	<b>6.20</b>	7.3	5.0	31.6	--	--	--	--
MW8	05/11/05	204.66	14.32	0.00	190.34	<b>2,460</b>	363	229	<b>83.7</b>	270	64.0	266	--	--	--	--
MW8	04/05/06	204.66	14.91	0.00	189.75	412	160	162	<b>81.8</b>	15.9	9.87	43.6	--	--	--	--
MW8	10/19/06	204.66	16.52	0.00	188.14	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW8	01/29/07	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	04/27/07	204.66	16.51	0.00	188.15	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW8	09/05/07	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	12/12/07	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/20/08	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	05/29/08	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	08/21/08	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	11/19/08	204.66	17.28	0.00	187.38	152	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	8.60	<5.00	--
MW8	02/26/09	204.66	18.01	0.00	186.65	--	--	--	--	--	--	--	--	--	--	--
MW8	02/27/09	204.66	18.04	0.00	186.62	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	05/12/09	204.66	17.71	0.00	186.95	--	--	--	--	--	--	--	--	--	--	--
MW8	08/13/09	204.66	17.89	0.00	186.77	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW8	08/14/09	204.66	17.89	0.00	186.77	<100	403	591	<1.00	<1.00	<1.00	<3.00	--	9.95	<5.00	--
MW8	12/03/09	204.66	17.99	0.00	186.67	--	--	--	--	--	--	--	--	--	--	--
MW8	03/25/10	204.66	14.97	0.00	189.69	--	--	--	--	--	--	--	--	--	--	--
MW8	03/26/10	204.66	15.16	0.00	189.50	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	06/09/10	204.66	14.31	0.00	190.35	--	--	--	--	--	--	--	--	--	--	--
MW8	09/20/10	204.66	14.86	0.00	189.80	--	--	--	--	--	--	--	--	--	--	--
MW8	09/21/10	204.66	14.87	0.00	189.79	<100	282	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	12/16/10	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	03/22/11	204.66	14.55	0.00	190.11	<100	477	<105	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	03/23/11	204.66	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	06/08/11 f	214.20	14.61	0.00	199.59	--	--	--	--	--	--	--	--	--	--	--
MW8	06/09/11	214.20	14.42	0.00	199.78	<100	337	<243	<1.00	<1.00	<1.00	<3.00	--	16.5	<5.00	--
MW8	09/14/11	214.20	15.33	0.00	198.87	--	--	--	--	--	--	--	--	--	--	--
MW8	09/15/11	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	09/16/11	214.20	15.35	0.00	198.85	<100	187	<263	<1.00	<1.00	<1.00	<3.00	--	5.90	<5.00	--
MW8	12/01/11	214.20	15.81	0.00	198.39	--	--	--	--	--	--	--	--	--	--	--
MW8	12/02/11	214.20	15.05	0.00	199.15	<100	163	<240	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	02/23/12	214.20	14.49	0.00	199.71	--	--	--	--	--	--	--	--	--	--	--
MW8	02/24/12	214.20	14.86	0.00	199.34	<100	419	<263	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	05/09/12	214.20	14.96	0.00	199.24	--	--	--	--	--	--	--	--	--	--	--
MW8	05/10/12	214.20	14.96	0.00	199.24	<100	350	101	<1.00	<1.00	<1.00	<3.00	--	15.0	<5.00	--
MW8	08/14/12	214.20	15.03	0.00	199.17	--	--	--	--	--	--	--	--	--	--	--
MW8	08/15/12	214.20	15.03	0.00	199.17	<100	304	190	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	11/12/12	214.20	16.51	0.00	197.69	--	--	--	--	--	--	--	--	--	--	--
MW8	11/13/12	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	11/14/12	214.20	16.02	0.00	198.18	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	02/05/13	214.20	15.39	0.00	198.81	--	--	--	--	--	--	--	--	--	--	--
MW8	02/06/13	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/07/13	214.20	15.37	0.00	198.83	<100	<94.3	95.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	05/06/13	214.20	16.41	0.00	197.79	--	--	--	--	--	--	--	--	--	--	--
MW8	05/07/13	214.20	16.39	0.00	197.81	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW8	05/08/13	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/31/13	214.20	17.59	0.00	196.61	--	--	--	--	--	--	--	--	--	--	--
MW8	08/01/13	214.20	17.55	0.00	196.65	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	11/11/13	214.20	17.92	0.00	196.28	--	--	--	--	--	--	--	--	--	--	--
MW8	11/12/13	214.20	17.89	0.00	196.31	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW8	02/10/14	214.20	17.15	0.00	197.05	--	--	--	--	--	--	--	--	--	--	--
MW8	02/11/14	214.20	17.63	0.00	196.57	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	05/28/14	214.20	16.27	0.00	197.93	--	--	--	--	--	--	--	--	--	--	--
MW8	05/29/14	214.20	16.27	0.00	197.93	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	6.40	<5.00	--
MW8	08/06/14	214.20	16.71	0.00	197.49	--	--	--	--	--	--	--	--	--	--	--
MW8	08/07/14	214.20	16.69	0.00	197.51	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	08/08/14	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	11/10/14	214.20	15.61	0.00	198.59	--	--	--	--	--	--	--	--	--	--	--
MW8	11/11/14	214.20	15.53	0.00	198.67	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	11/12/14	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/10/15	214.20	15.77	0.00	198.43	--	--	--	--	--	--	--	--	--	--	--
MW8	02/11/15	214.20	14.63	0.00	199.57	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	6.20	<5.00	--
MW8	06/08/15	214.20	15.22	0.00	198.98	--	--	--	--	--	--	--	--	--	--	--
MW8	06/09/15	214.20	15.22	0.00	198.98	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	09/08/15	214.20	16.17	0.00	198.03	--	--	--	--	--	--	--	--	--	--	--
MW8	09/09/15	214.20	15.92	0.00	198.28	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	8.30	<5.00	--
MW8	12/08/15	214.20	15.13	0.00	199.07	--	--	--	--	--	--	--	--	--	--	--
MW8	12/09/15	214.20	15.00	0.00	199.20	<100	162	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	03/07/16	214.20	14.50	0.00	199.70	--	--	--	--	--	--	--	--	--	--	--
MW8	03/08/16	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	03/09/16	214.20	14.43	0.00	199.77	<100	101	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	06/06/16	214.20	14.92	0.00	199.28	--	--	--	--	--	--	--	--	--	--	--
MW8	06/07/16	214.20	14.94	0.00	199.26	<100	113	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	06/08/16	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	08/29/16	214.20	15.42	0.00	198.78	--	--	--	--	--	--	--	--	--	--	--
MW8	08/30/16	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	08/31/16	214.20	16.45	0.00	197.75	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	12/19/16	214.20	14.55	0.00	199.65	--	--	--	--	--	--	--	--	--	--	--
MW8	12/20/16	214.20	14.58	0.00	199.62	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW8	12/21/16	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/27/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/28/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	03/01/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	03/02/17	214.20	14.32	0.00	199.88	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	--
MW8	04/17/17	214.20	14.08	0.00	200.12	--	--	--	--	--	--	--	--	--	--	--
MW8	04/18/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW8	05/01/17	214.20	14.30	0.00	199.90	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	05/02/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/18/17	214.20	14.75	0.00	199.45	--	--	--	--	--	--	--	--	--	--	--
MW8	07/19/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/20/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/21/17	214.20	14.83	0.00	199.37	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	11/07/17	214.20	15.47	0.00	198.73	--	--	--	--	--	--	--	--	--	--	--
MW8	11/08/17	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	11/09/17	214.20	15.14	0.00	199.06	<100	98	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	02/20/18	214.20	14.50	0.00	199.70	--	--	--	--	--	--	--	--	--	--	--
MW8	02/21/18	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/22/18	214.20	14.52	0.00	199.68	<100	140	120	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	06/28/18	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	06/29/18	214.20	15.02	0.00	199.18	<100	240	130	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	07/03/18	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	09/14/18	214.20	16.84	0.00	197.36	<100	<98	<98	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	11/12/18	214.20	18.07	0.00	196.13	--	--	--	--	--	--	--	--	--	--	--
MW8	11/13/18	214.20	18.07	0.00	196.13	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW8	11/14/18	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	11/15/18	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	02/12/19	214.20	16.52	0.00	197.68	<100	<91	<91	<1.0	<1.0	<1.0	<1.0	--	<50.0	<50.0	--
MW8	04/08/19	214.20	15.79	0.00	198.41	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW8	04/09/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	04/10/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	04/11/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/08/19	214.20	16.21	0.00	197.99	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW8	07/09/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/10/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	07/11/19	214.20	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 14-24 ft bgs / Total Well Depth 24 ft

KMW9	03/30/95	202.49	17.05	0.00	185.44	<b>2,200</b>	--	--	<b>1,200</b>	390	37	170	8.1	<b>59</b>	--	--
KMW9	01/23/96	202.49	18.65	0.00	183.84	<b>2,300</b>	--	--	<b>1,500</b>	480	46	160	--	3.3	<2.0	--
KMW9	04/17/96	202.49	16.29	0.00	186.20	<b>3,400</b>	--	--	<b>1,500</b>	620	81	330	--	2.2	--	--
KMW9	07/24/96	202.49	16.67	0.00	185.82	<b>2,240</b>	--	--	<b>1,120</b>	411	57.1	235	--	2.98	--	--

MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A
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**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW9	11/13/96	202.49	17.58	0.00	184.91	1,870	--	--	1,430	438	65.5	222	--	20.7	--	--
KMW9	01/15/97	202.49	16.38	0.00	186.11	5,870	--	--	2,390	1,120	117	490	--	<2.0	--	--
KMW9	03/29/97	202.49	16.98	0.00	185.51	2,450	--	--	784	325	60.9	261	--	<2.0	--	--
KMW9	06/18/97	202.49	16.28	0.00	186.21	1,350	--	--	808	218	36.1	95.9	--	3.03	--	--
KMW9	09/24/97	202.49	17.08	0.00	185.41	1,990	--	--	1,430	402	61.8	170	--	<2.0	--	--
KMW9	12/10/97	202.49	17.28	0.00	185.21	2,860	--	--	1,260	239	79.1	154	<100	--	<2.0	--
KMW9	03/10/98	202.49	16.36	0.00	186.13	5,200	--	--	2,500	830	190	450	<100	<39	<39	--
KMW9	05/22/98	202.49	16.74	0.00	185.75	--	--	--	--	--	--	--	--	--	--	--
KMW9	06/05/98	202.49	16.88	0.00	185.61	6,100	--	--	2,300	990	190	640	<20	7.9	<3.4	--
KMW9	09/21/98	202.49	18.59	0.00	183.90	4,700	--	--	2,100	640	130	370	<20	<6.5	<6.5	--
KMW9	12/15/98	202.49	18.71	0.00	183.78	2,400	--	--	1,300	190	82	190	<10	8.5	<6.5	--
KMW9	02/26/99	202.49	16.82	0.00	185.67	6,700	--	--	2,800	1,100	190	750	<6	<6.5	<6.5	--
KMW9	04/21/99	202.49	18.29	0.00	184.20	12,000	--	--	2,700	2,000	280	1,300	<10	<6.5	<6.5	--
KMW9	09/13/99	202.49	17.79	0.00	184.70	2,100	--	--	2,000	270	110	320	<20	10	<6.5	--
KMW9	11/23/99	202.49	18.27	0.00	184.22	1,700	--	--	2,000	260	100	270	<10	<7.9	<7.9	--
KMW9	03/07/00	202.49	17.45	0.00	185.04	6,200	--	--	2,000	700	150	570	<6	11.4	<0.78	--
KMW9	05/15/00	202.49	17.43	0.00	185.06	2,300	--	--	2,000	260	110	320	<5	5.7	<0.78	--
KMW9	08/01/00	202.49	17.75	0.00	184.74	3,800	--	--	1,600	660	120	390	--	10.4	<1.9	--
KMW9	11/09/00	202.49	18.40	0.00	184.09	1,500	--	--	3,000	150	100	210	<5	14.8	<1.9	--
KMW9	06/26/01	202.49	17.80	0.00	184.69	2,200	400	<200	1,300	300	100	320	<5.0	--	--	--
KMW9	09/27/01	202.49	18.32	0.00	184.17	28,000	2,900	780J	7,400	390	1,500	3,600	<15	--	--	--
KMW9	12/06/01	202.49	18.21	0.00	184.28	380	770	330	650	16	39	53	<2.0	--	--	--
KMW9	03/28/02	202.49	17.16	0.00	185.33	5,280	<133	<130	1,440	278	104	270	<20.0	--	--	--
KMW9	09/30/02 b	202.49	18.34	0.00	184.15	4,140	284	<100	1,220	159	84.0	280	--	--	--	--
KMW9	03/25/03	202.49	18.20	Trace	184.29	NAPL Present										
KMW9	10/17/03	202.49	18.32	0.00	184.17	7,980	539	114	1,730	183	146	381	22.0	--	--	--
KMW9	04/13/04	202.49	16.55	Trace	185.94	5,230	309	<100	1,600	145	180	498	--	--	--	--
KMW9	11/11/04	202.49	17.85	0.00	184.64	4,630	1,110	499	1,310	52.0	140	368	--	--	--	--
KMW9	05/11/05	202.49	18.35	0.00	184.14	2,060	509	<100	362	51.8	84.5	139	--	--	--	--
KMW9	04/05/06	202.49	17.61	0.00	184.88	811	250	177	266	11.6	33.0	73.5	--	--	--	--
KMW9	10/19/06	202.49	19.57	0.00	182.92	3,160	2,350	1,100	1,060	43.3	183	222	--	--	--	--
KMW9	01/29/07	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	04/27/07	202.49	19.99	0.00	182.50	756	1,100	555	139	4.64	9.96	26.5	--	--	--	--
KMW9	09/05/07	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/12/07	202.49	20.76	0.00	181.73	464	739	643	126	2.38	6.12	6.97	--	6.40	<5.00	--
KMW9	02/20/08	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW9	05/29/08 c	202.49	18.69	0.00	183.80	489	<96.2	<96.2	145	1.98	10.5	7.23	--	--	--	--
KMW9	08/21/08	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/19/08	202.49	21.03	0.00	181.46	516	625	937	108	<1.00	<1.00	<3.00	--	98.7	<5.00	--
KMW9	02/26/09	202.49	21.77	0.00	180.72	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/27/09	202.49	21.74	0.00	180.75	448	219	266	142	<1.00	1.05	<3.00	--	20.7	<5.00	--
KMW9	05/12/09	202.49	21.26	0.00	181.23	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/13/09	202.49	21.22	0.00	181.27	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/14/09	202.49	21.18	0.00	181.31	278	621	851	112	<1.00	<1.00	<3.00	--	24.8	<5.00	--
KMW9	12/03/09	202.49	21.48	0.00	181.01	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/25/10	202.49	18.42	0.00	184.07	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/26/10	202.49	18.53	0.00	183.96	<100	<96.2	<96.2	8.81	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	06/09/10	202.49	17.84	0.00	184.65	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/20/10	202.49	17.59	0.00	184.90	<100	164	187	2.11	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	09/21/10	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/16/10	202.49	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/22/11	202.49	15.84	0.00	186.65	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/23/11	202.49	15.62	0.00	186.87	<100	113	280	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	06/08/11 f	212.01	16.49	0.00	195.52	<100	261	550	<1.00	<1.00	<1.00	<3.00	--	8.10	6.10	--
KMW9	06/09/11	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/14/11	212.01	20.53	0.00	191.48	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/15/11	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/16/11	212.01	20.89	0.00	191.12	<100	<99.0	<248	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	12/01/11	212.01	18.26	0.00	193.75	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/02/11	212.01	18.45	0.00	193.56	<100	130	<263	<1.00	<1.00	<1.00	<3.00	--	6.00	<5.00	--
KMW9	02/23/12	212.01	17.53	0.00	194.48	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/24/12	212.01	17.96	0.00	194.05	<100	121	360	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	05/09/12	212.01	18.03	0.00	193.98	<100	115	232	<1.00	<1.00	<1.00	<3.00	--	40.0	<5.00	--
KMW9	05/10/12	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/14/12	212.01	18.31	0.00	193.70	<100	188	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	08/15/12	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/12/12	212.01	19.22	0.00	192.79	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/13/12	212.01	19.25	0.00	192.76	<100	226	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	11/14/12	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/05/13	212.01	18.21	0.00	193.80	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/06/13	212.01	18.20	0.00	193.81	<100	234	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	02/07/13	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW9	05/06/13	212.01	19.61	0.00	192.40	<100	328	1,170	<1.00	<1.00	<1.00	<3.00	--	7.00	9.70	--
KMW9	05/07/13	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	05/08/13	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/31/13	212.01	19.23	0.00	192.78	<100	250	104	<1.00	<1.00	<1.00	<3.00	--	12.2	<5.00	--
KMW9	08/01/13	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/11/13	212.01	20.51	0.00	191.50	<100	351	744	<1.00	<1.00	<1.00	<3.00	--	12.6	<5.00	--
KMW9	11/12/13	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/10/14	212.01	20.53	0.00	191.48	<100	358	1,110	<1.00	<1.00	<1.00	<3.00	--	64.0	7.10	--
KMW9	02/11/14	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	05/28/14	212.01	19.78	0.00	192.23	<100	150	366	<1.00	<1.00	<1.00	<3.00	--	14.0	<5.00	--
KMW9	05/29/14	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/06/14	212.01	19.72	0.00	192.29	<100	192	279	<1.00	<1.00	<1.00	<3.00	--	66.9	<5.00	--
KMW9	08/07/14	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/08/14	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/10/14	212.01	19.19	0.00	192.82	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/11/14	212.01	19.51	0.00	192.50	<100	273	463	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	11/12/14	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/10/15	212.01	19.36	0.00	192.65	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/11/15	212.01	17.86	0.00	194.15	<100	226	270	<1.00	<1.00	<1.00	<3.00	--	24.4	<5.00	--
KMW9	06/08/15	212.01	17.71	0.00	194.30	<100	140	217	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	06/09/15	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/08/15	212.01	18.25	0.00	193.76	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/09/15	212.01	18.25	0.00	193.76	<100	386	125	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	12/08/15	212.01	17.76	0.00	194.25	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/09/15	212.01	17.92	0.00	194.09	<100	314	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	03/07/16	212.01	16.43	0.00	195.58	<100	151	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	03/08/16	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/09/16	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	06/06/16	212.01	16.89	0.00	195.12	--	--	--	--	--	--	--	--	--	--	--
KMW9	06/07/16	212.01	16.95	0.00	195.06	<100	215	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	06/08/16	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/29/16	212.01	17.71	0.00	194.30	--	--	--	--	--	--	--	--	--	--	--
KMW9	08/30/16	212.01	17.76	0.00	194.25	<100	182	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	08/31/16	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/19/16	212.01	17.95	0.00	194.06	--	--	--	--	--	--	--	--	--	--	--
KMW9	12/20/16	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW9	12/21/16	212.01	17.05	0.00	194.96	<100	131	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW9	02/27/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/28/17	212.01	16.38	0.00	195.63	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	--
KMW9	03/01/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	03/02/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	04/17/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	04/18/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	05/01/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	05/02/17	212.01	15.66	0.00	196.35	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	07/18/17	212.01	16.27	0.00	195.74	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/19/17	212.01	16.41	0.00	195.60	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	07/20/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/21/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/07/17	212.01	17.77	0.00	194.24	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/08/17	212.01	17.65	0.00	194.36	<100	130	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	11/09/17	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/20/18	212.01	16.55	0.00	195.46	--	--	--	--	--	--	--	--	--	--	--
KMW9	02/21/18	212.01	16.52	0.00	195.49	<100	230	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	02/22/18	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	06/28/18	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	06/29/18	212.01	16.65	0.00	195.36	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	07/03/18	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	09/12/18	212.01	17.62	0.00	194.39	<100	<96	<96	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	11/12/18	212.01	18.30	0.00	193.71	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/13/18	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/14/18	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	11/15/18	212.01	18.26	0.00	193.75	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW9	02/15/19	212.01	17.51	0.00	194.50	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
KMW9	04/08/19	212.01	16.92	0.00	195.09	--	--	--	--	--	--	--	--	--	--	--
KMW9	04/09/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	04/10/19	212.01	16.96	0.00	195.05	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
KMW9	04/11/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/08/19	212.01	17.33	0.00	194.68	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/09/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW9	07/10/19	212.01	17.39	0.00	194.62	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW9	07/11/19	212.01	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 15-25 ft bgs / Total Well Depth 25 ft																
KMW10	03/30/95	202.11	19.32	0.00	182.79	2,100	--	--	1,800	100	170	73	21	16	--	--
KMW10	01/22/96	202.11	18.67	0.00	183.44	1,500	--	--	850	18	110	41	--	6.7	4.0	--
KMW10	04/17/96	202.11	18.33	0.00	183.78	1,100	--	--	780	13	60	17	--	4.2	--	--
KMW10	07/24/96	202.11	18.60	0.00	183.51	763	--	--	650	12.6	39.4	17.6	--	3.75	--	--
KMW10	11/15/96	202.11	19.28	0.00	182.83	5,740	--	--	4,760	240	543	492	--	26.0	--	--
KMW10	01/15/97	202.11	18.50	0.00	183.61	722	--	--	383	15.5	33.6	24.8	--	3.74	--	--
KMW10	03/29/97	202.11	17.92	0.00	184.19	789	--	--	500	40.6	40.6	29.9	--	2.12	--	--
KMW10	06/18/97	202.11	17.98	0.00	184.13	3,800	--	--	2,870	302	211	141	--	5.5	--	--
KMW10	09/24/97	202.11	18.64	0.00	183.47	2,850	--	--	1,760	154	177	105	--	2.43	--	--
KMW10	12/10/97	202.11	18.85	0.00	183.26	1,310	--	--	1,080	74.9	89.7	72.5	<100	--	2.61	--
KMW10	03/10/98	202.11	18.34	0.00	183.77	2,300	--	--	1,500	140	160	170	<50	<39	<39	--
KMW10	05/22/98	202.11	18.59	0.00	183.52	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/05/98	202.11	18.75	0.00	183.36	660	--	--	590	38	36	53	16	28.8	<3.4	--
KMW10	09/21/98	202.11	19.49	0.00	182.62	520	--	--	1,000	17	21	40	<50	<6.5	<6.5	--
KMW10	12/15/98	202.11	18.72	0.00	183.39	4,000	--	--	1,900	130	250	320	<10	6.9	<6.5	--
KMW10	02/26/99	202.11	18.95	0.00	183.16	1,400	--	--	730	58	98	120	<2	<6.5	<6.5	--
KMW10	04/21/99	202.11	20.41	0.00	181.70	1,800	--	--	820	55	110	110	<5.0	<6.5	<6.5	--
KMW10	09/13/99	202.11	19.33	0.00	182.78	14,000	--	--	4,900	1,500	970	1,700	<50	400	7.4	--
KMW10	11/23/99	202.11	19.82	0.00	182.29	11,000	--	--	3,900	1,100	740	1,500	<50	11	<7.9	--
KMW10	03/07/00	202.11	19.45	0.00	182.66	3,700	--	--	1,300	260	230	360	<0.3	1.4	<0.78	--
KMW10	05/15/00	202.11	19.34	0.00	182.77	3,100	--	--	1,200	250	220	360	<5	6.4	<0.78	--
KMW10	08/01/00	202.11	19.48	0.00	182.63	4,900	--	--	1,700	410	310	560	--	62.9	2.4	--
KMW10	11/09/00	202.11	20.04	0.00	182.07	7,200	--	--	2,600	610	410	780	<10	6.4	3.1	--
KMW10	06/26/01	202.11	19.80	0.00	182.31	7,200	180	<200	2,500	630	470	970	<10	--	--	--
KMW10	09/27/01	202.11	20.08	0.00	182.03	8,300	4,900	<230	2,400	340	430	850	<6.0	--	--	--
KMW10	12/06/01	202.11	20.23	0.00	181.88	12,000	650	<210	4,000	520	770	1,800	<20	--	--	--
KMW10	03/28/02	202.11	19.32	0.00	182.79	16,200	629	<100	3,330	235	760	1,440	<50.0	--	--	--
KMW10	09/30/02 b	202.11	20.00	0.00	182.11	3,020	121	<111	588	28.0	108	214	--	--	--	--
KMW10	03/25/03	202.11	20.07	0.00	182.04	14,300	806	180	2,910	216	670	1,480	66.0	--	--	--
KMW10	10/17/03	202.11	20.15	0.00	181.96	19,500	1,190	<118	3,080	600	648	1,900	32.0	--	--	--
KMW10	04/13/04	202.11	19.02	0.00	183.09	16,500	637	<111	2,910	340	655	1,670	--	--	--	--
KMW10	11/11/04	202.11	19.72	0.00	182.39	15,900	764	103	3,740	300	705	2,040	--	--	--	--
KMW10	05/11/05	202.11	19.96	0.00	182.15	7,780	814	<100	1,630	83.0	273	694	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW10	04/05/06	202.11	19.60	0.00	182.51	12,800	682	<118	2,970	100	499	1,610	--	--	--	--
KMW10	10/19/06	202.11	20.62	0.00	181.49	15,300	993	<111	3,440	76.5	930	2,330	--	--	--	--
KMW10	01/29/07	202.11	20.20	0.00	181.91	4,330	838	<99.0	649	30.4	178	293	--	--	--	--
KMW10	04/27/07	202.11	20.52	0.00	181.59	6,950	497	<100	1,010	20.7	291	388	--	--	--	--
KMW10	09/05/07	202.11	20.72	0.00	181.39	4,590	484	<98.0	743	13.9	336	305	--	<5.00	<5.00	--
KMW10	12/12/07	202.11	21.30	0.00	180.81	1,590	436	<105	156	3.51	126	41.0	--	<5.00	<5.00	--
KMW10	02/20/08	202.11	20.68	0.00	181.43	1,460	1,100	658	218	4.28	150	38.0	--	--	--	<100
KMW10	05/29/08	202.11	20.45	0.00	181.66	506	176	<105	53.0	<1.00	33.8	<3.00	--	--	--	--
KMW10	08/21/08 d	202.11	20.76	0.00	181.35	950	1,070	990	134	1.43	84.5	8.26	--	--	--	--
KMW10	11/19/08	202.11	21.19	0.00	180.92	429	141	131	27.1	<1.00	27.4	<3.00	--	20.5	<5.00	--
KMW10	02/26/09	202.11	22.03	0.00	180.08	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	7.70	<5.00	--
KMW10	02/27/09	202.11	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/12/09	202.11	20.83	0.00	181.28	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	6.00	<5.00	--
KMW10	08/13/09	202.11	20.69	0.00	181.42	<100	388	853	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	08/14/09	202.11	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/03/09	202.11	21.63	0.00	180.48	<100	96.9	291	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	03/25/10	202.11	20.23	0.00	181.88	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.80	<5.00	--
KMW10	03/26/10	202.11	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/09/10	202.11	19.46	0.00	182.65	<100	157	190	4.20	8.44	1.43	7.22	--	7.30	<5.00	--
KMW10	09/20/10	202.11	19.61	0.00	182.50	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	09/21/10	202.11	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/16/10	202.11	19.17	0.00	182.94	<100	<98.0	153	<1.00	<1.00	1.24	<3.00	--	16.7	5.90	--
KMW10	03/22/11	202.11	18.12	0.00	183.99	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	5.40	5.60	--
KMW10	03/23/11	202.11	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/08/11 f	211.58	18.27	0.00	193.31	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	20.5	6.70	--
KMW10	06/09/11	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	09/14/11	211.58	20.38	0.00	191.20	<100	<105	<263	4.03	<1.00	1.10	<3.00	--	40.6	<5.00	--
KMW10	09/15/11	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	09/16/11	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/01/11	211.58	20.97	0.00	190.61	<100	<118	<294	1.04	<1.00	1.10	<3.00	--	11.4	<5.00	--
KMW10	12/02/11	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/23/12	211.58	20.92	0.00	190.66	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	02/24/12	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/09/12	211.58	20.61	0.00	190.97	<100	<102	<102	<1.00	<1.00	<1.00	<3.00	--	51.3	<5.00	--
KMW10	05/10/12	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	08/14/12	211.58	20.82	0.00	190.76	<100	119	104	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW10	08/15/12	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/12/12	211.58	21.64	0.00	189.94	<100	<98.0	<98.0	6.32	1.35	2.14	4.99	--	6.90	<5.00	--
KMW10	11/13/12	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/14/12	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/05/13	211.58	20.70	0.00	190.88	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	02/06/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/07/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/06/13	211.58	21.51	0.00	190.07	<100	106	<93.5	<1.00	<1.00	<1.00	<3.00	--	8.40	9.70	--
KMW10	05/07/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/08/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/31/13	211.58	21.80	0.00	189.78	<100	105	<94.3	2.72	<1.00	<1.00	<3.00	--	6.00	<5.00	--
KMW10	08/01/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/11/13	211.58	22.24	0.00	189.34	<100	181	150	3.34	<1.00	<1.00	<3.00	--	31.5	<5.00	--
KMW10	11/12/13	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/10/14	211.58	22.43	0.00	189.15	<100	222	217	<1.00	<1.00	<1.00	<3.00	--	86.0	7.30	--
KMW10	02/11/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/28/14	211.58	21.36	0.00	190.22	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	8.10	<5.00	--
KMW10	05/29/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	08/06/14	211.58	21.56	0.00	190.02	<100	<95.7	<95.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	08/07/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	08/08/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/10/14	211.58	20.71	0.00	190.87	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	11/11/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/12/14	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/10/15	211.58	21.04	0.00	190.54	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	10.4	<5.00	--
KMW10	02/11/15	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/08/15	211.58	19.18	0.00	192.40	<100	<94.8	<94.8	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	06/09/15	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	09/08/15	211.58	18.70	0.00	192.88	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	09/09/15	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/08/15	211.58	19.42	0.00	192.16	<100	119	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	12/09/15	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	03/07/16	211.58	18.35	0.00	193.23	--	--	--	--	--	--	--	--	--	--	--
KMW10	03/08/16	211.58	18.32	0.00	193.26	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	03/09/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/06/16	211.58	18.63	0.00	192.95	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW10	06/07/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/08/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	08/29/16	211.58	19.27	0.00	192.31	--	--	--	--	--	--	--	--	--	--	--
KMW10	08/30/16	211.58	19.34	0.00	192.24	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	08/31/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/19/16	211.58	18.83	0.00	192.75	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW10	12/20/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	12/21/16	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/27/17	211.58	18.24	0.00	193.34	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	02/28/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	03/01/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	03/02/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	04/17/17	211.58	17.64	0.00	193.94	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	04/18/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/01/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	05/02/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/18/17	211.58	17.80	0.00	193.78	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	07/19/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/20/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/21/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/07/17	211.58	19.05	0.00	192.53	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/08/17	211.58	19.05	0.00	192.53	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	11/09/17	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/20/18	211.58	18.53	0.00	193.05	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	02/21/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/22/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	06/28/18	211.58	18.31	0.00	193.27	<100	190	120	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	06/29/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/03/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	09/13/18	211.58	18.92	0.00	192.66	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	11/12/18	211.58	19.45	0.00	192.13	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW10	11/13/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/14/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	11/15/18	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	02/13/19	211.58	19.31	0.00	192.27	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
KMW10	04/08/19	211.58	18.81	0.00	192.77	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW10	04/09/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	04/10/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	04/11/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/08/19	211.58	18.83	0.00	192.75	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/09/19	211.58	18.82	0.00	192.76	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW10	07/10/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW10	07/11/19	211.58	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 15-28 ft bgs / Total Well Depth 28 ft

KMW11	01/22/96	199.19	18.96	0.00	180.23	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	<2.0	--
KMW11	04/17/96	199.19	18.71	0.00	180.48	<50	--	--	0.73	0.68	<0.50	<1.0	--	<2.0	--	--
KMW11	07/24/96	199.19	18.92	0.00	180.27	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
KMW11	11/15/96	199.19	19.34	0.00	179.85	<50	--	--	0.947	<0.50	<0.50	<1.0	--	2.42	--	--
KMW11	01/15/97	199.19	18.83	0.00	180.36	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
KMW11	03/29/97	199.19	18.45	0.00	180.74	<50	--	--	0.5	1.3	<0.50	1.42	--	<2.0	--	--
KMW11	06/18/97	199.19	17.24	0.00	181.95	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
KMW11	09/24/97	199.19	18.83	0.00	180.36	53.1	--	--	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--
KMW11	12/10/97	199.19	18.93	0.00	180.26	<50	--	--	4.7	2.64	0.565	1.75	<5.0	--	<2.0	--
KMW11	03/10/98	199.19	19.01	0.00	180.18	<50	--	--	0.3	0.3	<0.3	<0.6	<10	<39	<39	--
KMW11	05/22/98	199.19	19.16	0.00	180.03	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/05/98	199.19	19.20	0.00	179.99	<50	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<3.4	<3.4	--
KMW11	09/21/98	199.19	NM	0.00	--	<50	--	--	0.3	1.0	0.4	2.4	<0.3	<6.5	<6.5	--
KMW11	12/15/98	199.19	18.75	0.00	180.44	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
KMW11	02/26/99	199.19	19.20	0.00	179.99	<48	--	--	2	0.2	0.5	<0.6	<0.3	<6.5	<6.5	--
KMW11	04/21/99	199.19	20.97	0.00	178.22	<48	--	--	<0.2	<0.2	<0.2	<0.6	<1.0	<6.5	<6.5	--
KMW11	09/13/99	199.19	19.34	0.00	179.85	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<6.5	<6.5	--
KMW11	11/23/99	199.19	19.60	0.00	179.59	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<7.9	<7.9	--
KMW11	03/07/00	199.19	19.50	0.00	179.69	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<0.78	<0.78	--
KMW11	05/15/00	199.19	19.72	0.00	179.47	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	5.6	<0.78	--
KMW11	08/01/00	199.19	19.45	0.00	179.74	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	3.3	<1.9	--
KMW11	11/09/00	199.19	19.75	0.00	179.44	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	5.8	<1.9	--
KMW11	06/26/01	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	09/27/01	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/06/01	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/28/02	199.19	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW11	09/30/02 b	199.19	19.85	0.00	179.34	<100	161	179	1.1	<1.0	<1.0	<1.0	--	--	--	--
KMW11	03/25/03	199.19	19.91	0.00	179.28	<100	253	956	<1.00	<1.0	<1.0	<1.0	<1.0	--	--	--
KMW11	10/17/03	199.19	19.61	0.00	179.58	<100	172	241	<1.00	<1.0	<1.0	<1.0	<1.0	--	--	--
KMW11	04/13/04	199.19	19.34	0.00	179.85	<100	<111	<111	<1.00	<1.0	<1.0	<1.0	--	--	--	--
KMW11	11/11/04	199.19	19.81	0.00	179.38	<100	552	1,100	<1.00	<1.0	<1.0	4.5	--	--	--	--
KMW11	05/11/05	199.19	20.07	0.00	179.12	<100	121	<100	1.70	1.2	<1.0	1.9	--	--	--	--
KMW11	04/05/06	199.19	19.80	0.00	179.39	<100	132	<105	1.43	<1.00	<1.00	<3.00	--	--	--	--
KMW11	10/19/06	199.19	20.01	0.00	179.18	<100	283	437	8.30	<1.00	2.01	4.94	--	--	--	--
KMW11	01/29/07	199.19	19.76	0.00	179.43	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	--	--	--
KMW11	04/27/07	199.19	19.89	0.00	179.30	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	--	--	--
KMW11	09/05/07	199.19	20.07	0.00	179.12	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	12/12/07	199.19	22.03	0.00	177.16	<250	<114	<114	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	02/20/08	199.19	24.63	0.00	174.56	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
KMW11	05/29/08	199.19	19.89	0.00	179.30	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
KMW11	08/21/08 d	199.19	19.74	0.00	179.45	<100	197	187	<1.00	<1.00	<1.00	<3.00	--	--	--	--
KMW11	11/19/08	199.19	20.62	0.00	178.57	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	50.0	<5.00	--
KMW11	02/26/09	199.19	20.44	0.00	178.75	<100	145	842	<1.00	<1.00	<1.00	<3.00	--	31.5	<5.00	--
KMW11	02/27/09	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/12/09	199.19	20.58	0.00	178.61	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	08/13/09	199.19	20.06	0.00	179.13	<100	98.2	261	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	08/14/09	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/03/09	199.19	20.23	0.00	178.96	<100	<94.3	206	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	03/25/10	199.19	19.72	0.00	179.47	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/26/10	199.19	19.77	0.00	179.42	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.60	<5.00	--
KMW11	06/09/10	199.19	19.38	0.00	179.81	<100	228	586	<1.00	<1.00	<1.00	<3.00	--	9.30	<5.00	--
KMW11	09/20/10	199.19	19.53	0.00	179.66	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	09/21/10	199.19	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/16/10	199.19	19.15	0.00	180.04	<100	<118	<118	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	03/22/11	199.19	18.36	0.00	180.83	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/23/11	199.19	18.42	0.00	180.77	<100	<100	153	<1.00	<1.00	<1.00	<3.00	--	6.90	<5.00	--
KMW11	06/08/11 f	208.72	18.53	0.00	190.19	<100	<100	<250	<1.00	<1.00	<1.00	<3.00	--	15.2	<5.00	--
KMW11	06/09/11	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	09/14/11	208.72	20.71	0.00	188.01	<100	<111	365	<1.00	<1.00	<1.00	<3.00	--	34.8	<5.00	--
KMW11	09/15/11	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	09/16/11	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/01/11	208.72	21.04	0.00	187.68	<100	<94.3	<236	<1.00	<1.00	<1.00	<3.00	--	6.40	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

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Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW11	12/02/11	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/23/12	208.72	21.31	0.00	187.41	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/24/12	208.72	21.48	0.00	187.24	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	05/09/12	208.72	21.39	0.00	187.33	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/10/12	208.72	NM	0.00	--	<100	<102	<102	<1.00	<1.00	<1.00	<3.00	--	48.2	<5.00	--
KMW11	08/14/12	208.72	21.45	0.00	187.27	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/15/12	208.72	21.45	0.00	187.27	<100	<94.3	100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	11/12/12	208.72	21.84	0.00	186.88	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/13/12	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/14/12	208.72	21.72	0.00	187.00	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	02/05/13	208.72	21.28	0.00	187.44	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/06/13	208.72	21.28	0.00	187.44	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	02/07/13	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/06/13	208.72	21.58	0.00	187.14	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/07/13	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/08/13	208.72	21.48	0.00	187.24	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	44.5	5.80	--
KMW11	07/31/13	208.72	21.69	0.00	187.03	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/01/13	208.72	21.60	0.00	187.12	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	11/11/13	208.72	21.67	0.00	187.05	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/12/13	208.72	21.64	0.00	187.08	<100	<95.2	104	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	02/10/14	208.72	21.91	0.00	186.81	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/11/14	208.72	21.86	0.00	186.86	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	5.10	--
KMW11	05/28/14	208.72	21.16	0.00	187.56	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/29/14	208.72	21.16	0.00	187.56	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	6.20	<5.00	--
KMW11	08/06/14	208.72	21.06	0.00	187.66	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/07/14	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/08/14	208.72	20.99	0.00	187.73	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	11/10/14	208.72	20.07	0.00	188.65	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/11/14	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/12/14	208.72	20.20	0.00	188.52	<100	<100	111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	02/10/15	208.72	20.37	0.00	188.35	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/11/15	208.72	19.71	0.00	189.01	<100	<100	134	<1.00	<1.00	<1.00	<3.00	--	8.50	<5.00	--
KMW11	06/08/15	208.72	19.38	0.00	189.34	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/09/15	208.72	19.38	0.00	189.34	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	09/08/15	208.72	19.32	0.00	189.40	<100	<100	106	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	09/09/15	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW11	12/08/15	208.72	19.48	0.00	189.24	<100	173	178	<1.00	<1.00	<1.00	<3.00	--	8.60	<5.00	--
KMW11	12/09/15	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/07/16	208.72	18.86	0.00	189.86	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	03/08/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/09/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/06/16	208.72	19.04	0.00	189.68	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	06/07/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/08/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/29/16	208.72	19.44	0.00	189.28	<100	<93.0	<93.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	08/30/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	08/31/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/19/16	208.72	18.89	0.00	189.83	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
KMW11	12/20/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	12/21/16	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/27/17	208.72	18.76	0.00	189.96	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	02/28/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/01/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	03/02/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	04/17/17	208.72	18.40	0.00	190.32	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	04/18/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/01/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	05/02/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/18/17	208.72	18.27	0.00	190.45	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	07/19/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/20/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/21/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/07/17	208.72	19.12	0.00	189.60	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	11/08/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/09/17	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/20/18	208.72	19.02	0.00	189.70	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/21/18	208.72	19.02	0.00	189.70	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	02/22/18	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/28/18	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	06/29/18	208.72	18.66	0.00	190.06	<100	140	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	07/03/18	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	09/14/18	208.72	19.05	0.00	189.67	<100	<98	<98	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
KMW11	11/12/18	208.72	19.36	0.00	189.36	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/13/18	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	11/14/18	208.72	19.35	0.00	189.37	<100	110	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
KMW11	11/15/18	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	02/14/19	208.72	19.38	0.00	189.34	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
KMW11	04/08/19	208.72	19.11	0.00	189.61	--	--	--	--	--	--	--	--	--	--	--
KMW11	04/09/19	208.72	19.16	0.00	189.56	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
KMW11	04/10/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	04/11/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/08/19	208.72	19.22	0.00	189.50	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
KMW11	07/09/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/10/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
KMW11	07/11/19	208.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 10-25 ft bgs / Total Well Depth 25 ft

MW12	04/05/06	200.83	19.62	0.00	181.21	<b>30,600</b>	<b>548</b>	<105	<b>6,500</b>	<b>1,670</b>	<b>839</b>	<b>3,170</b>	--	--	--	--
MW12	10/19/06	200.83	20.38	0.00	180.45	<b>15,200</b>	<b>649</b>	<111	<b>4,350</b>	877	548	<b>1,640</b>	--	--	--	--
MW12	01/29/07	200.83	20.09	0.00	180.74	<b>19,300</b>	<b>851</b>	<105	<b>4,190</b>	419	550	<b>1,290</b>	--	--	--	--
MW12	04/27/07	200.83	20.11	0.00	180.72	<b>40,000</b>	<b>739</b>	<99.0	<b>6,100</b>	827	<b>841</b>	<b>2,680</b>	--	--	--	--
MW12	09/05/07	200.83	20.38	0.00	180.45	<b>24,700</b>	<b>1,220</b>	<97.1	<b>6,160</b>	637	<b>888</b>	<b>3,080</b>	--	--	<5.00	--
MW12	12/12/07	200.83	20.84	0.00	179.99	<b>26,600</b>	<b>843</b>	<111	<b>6,100</b>	174	<b>935</b>	<b>2,420</b>	--	<5.00	<5.00	--
MW12	02/20/08	200.83	20.34	0.00	180.49	<b>16,800</b>	<b>1,670</b>	493	<b>4,820</b>	134	653	<b>1,850</b>	--	--	--	--
MW12	05/29/08	200.83	19.98	0.00	180.85	<b>17,900</b>	<b>809</b>	<100	<b>3,800</b>	133	580	<b>1,700</b>	--	--	--	--
MW12	08/21/08	200.83	19.12	0.00	181.71	<b>12,100</b>	<b>728</b>	<96.2	<b>3,050</b>	78.2	436	858	--	--	--	--
MW12	11/19/08	200.83	19.26	0.00	181.57	<b>20,100</b>	<b>2,330</b>	<192	<b>4,110</b>	337	<b>752</b>	<b>2,790</b>	--	<b>46.6</b>	<5.00	--
MW12	02/26/09	200.83	20.14	0.00	180.69	<b>17,800</b>	<b>864</b>	<94.3	<b>3,930</b>	63.2	572	<b>1,060</b>	--	<5.00	<5.00	--
MW12	02/27/09	200.83	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	05/12/09	200.83	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	08/13/09	200.83	20.42	0.00	180.41	<b>10,200</b>	<b>699</b>	333	<b>2,640</b>	32.2	383	400	--	<5.00	<5.00	--
MW12	08/14/09	200.83	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	12/03/09	200.83	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	03/25/10	200.83	19.33	0.00	181.50	<b>5,120</b>	<b>1,020</b>	171	<b>4,180</b>	32.5	604	828	--	6.80	<5.00	--
MW12	03/26/10	200.83	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Destroyed

MTCA Method A Cleanup Levels	800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A
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**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 8.5-28.5 ft bgs / Total Well Depth 30 ft																
MW12A	06/09/10	NE	18.66	0.00	--	159	<118	<118	50.6	<1.00	5.72	3.71	--	<5.00	<5.00	--
MW12A	09/20/10	NE	18.46	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	09/21/10	NE	18.46	0.00	--	10,200	1,170	<105	2,860	49.4	134	348	--	<5.00	<5.00	<100
MW12A	12/16/10	NE	NM	0.00	--	9,230	823	<111	2,590	61.1	76.5	364	--	<5.00	5.20	--
MW12A	03/22/11	NE	NM	0.00	--	3,470	931	<95.2	1,110	10.2	12.3	58.7	--	<5.00	5.10	--
MW12A	03/23/11	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	06/08/11 f	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	06/09/11	210.09	NM	0.00	--	3,160	1,380	<250	690	4.09	41.0	40.5	--	10.6	6.80	--
MW12A	09/14/11	210.09	21.46	0.00	188.63	1,330	1,490	<236	367	15.0	81.0	103	--	<5.00	<5.00	--
MW12A	09/15/11	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	09/16/11	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	12/01/11	210.09	21.71	0.00	188.38	1,790	1,020	<238	435	14.5	63.7	124	--	<5.00	<5.00	--
MW12A	12/02/11	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/23/12	210.09	21.91	0.00	188.18	1,720	1,100	<238	530	6.43	87.3	53.8	--	<5.00	<5.00	--
MW12A	02/24/12	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/09/12	210.09	21.94	0.00	188.15	598	546	109	168	1.77	31.7	14.8	--	43.5	<5.00	--
MW12A	05/10/12	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	08/14/12	210.09	22.10	0.00	187.99	1,410	465	<100	357	1.87	63.6	24.8	--	<5.00	<5.00	--
MW12A	08/15/12	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/12/12	210.09	22.35	0.00	187.74	<100	222	<95.2	34.5	<1.00	9.34	7.85	--	<5.00	<5.00	--
MW12A	11/13/12	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/14/12	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/05/13	210.09	21.35	0.00	188.74	521	615	261	125	3.47	40.4	38.1	--	10.1	<5.00	--
MW12A	02/06/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/07/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/06/13	210.09	22.09	0.00	188.00	3,530	1,900	176	544	14.3	246	342	--	11.8	8.00	--
MW12A	05/07/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/08/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/31/13	210.09	22.19	0.00	187.90	2,850	2,740	<94.3	578	7.78	150	191	--	5.10	<5.00	--
MW12A	08/01/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/11/13	210.09	21.59	0.00	188.50	4,960	2,510	147	1,000	23.2	326	364	--	<5.00	<5.00	--
MW12A	11/12/13	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/10/14	210.09	22.65	0.00	187.44	4,860	2,940	<95.2	840	13.9	301	212	--	<5.00	8.00	--
MW12A	02/11/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/28/14	210.09	20.98	0.00	189.11	1,380	987	<93.9	288	4.96	67.9	27.6	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW12A	05/29/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	08/06/14	210.09	21.77	0.00	188.32	786	672	<100	155	2.13	28.5	11.5	--	<5.00	<5.00	--
MW12A	08/07/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	08/08/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/10/14	210.09	20.27	0.00	189.82	570	1,050	117	112	1.92	5.19	<3.00	--	<5.00	<5.00	--
MW12A	11/11/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/12/14	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/10/15	210.09	20.52	0.00	189.57	277	1,100	<100	28.0	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW12A	02/11/15	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	06/08/15	210.09	18.80	0.00	191.29	207	903	197	13.5	<1.00	<1.00	8.35	--	<5.00	<5.00	--
MW12A	06/09/15	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	09/08/15	210.09	20.53	0.00	189.56	<100	551	292	1.96	<1.00	<1.00	3.11	--	<5.00	<5.00	--
MW12A	09/09/15	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	12/08/15	210.09	14.43	0.00	195.66	<100	364	999	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW12A	12/09/15	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	03/07/16	210.09	17.63	0.00	192.46	--	--	--	--	--	--	--	--	--	--	--
MW12A	03/08/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	03/09/16	210.09	17.72	0.00	192.37	<100	<94.3	<94.3	3.06	18.2	1.40	<3.00	--	<5.00	<5.00	--
MW12A	06/06/16	210.09	18.18	0.00	191.91	<100	371	118	8.28	<1.00	2.33	<3.00	--	<5.00	<5.00	--
MW12A	06/07/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	06/08/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	08/29/16	210.09	18.69	0.00	191.40	120	503	124	4.27	<1.00	3.16	<3.00	--	<5.00	<5.00	--
MW12A	08/30/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	08/31/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	12/19/16	210.09	18.05	0.00	192.04	--	--	--	--	--	--	--	--	--	--	--
MW12A	12/20/16	210.09	18.06	0.00	192.03	159	225	<93.5	4.15	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW12A	12/21/16	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/27/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/28/17	210.09	17.72	0.00	192.37	120	210	<94	2.1	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	03/01/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	03/02/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	04/17/17	210.09	17.08	0.00	193.01	<100	150	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	04/18/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/01/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	05/02/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/18/17	210.09	17.31	0.00	192.78	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW12A	07/19/17	210.09	17.31	0.00	192.78	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	07/20/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/21/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/07/17	210.09	18.42	0.00	191.67	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/08/17	210.09	18.45	0.00	191.64	<100	120	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	11/09/17	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/20/18	210.09	17.90	0.00	192.19	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	02/21/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/22/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	06/28/18	210.09	17.64	0.00	192.45	<100	230	140	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	06/29/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/03/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	09/13/18	210.09	18.30	0.00	191.79	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	11/12/18	210.09	18.76	0.00	191.33	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/13/18	210.09	18.76	0.00	191.33	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW12A	11/14/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	11/15/18	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	02/12/19	210.09	18.47	0.00	191.62	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW12A	04/08/19	210.09	18.09	0.00	192.00	--	--	--	--	--	--	--	--	--	--	--
MW12A	04/09/19	210.09	18.14	0.00	191.95	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW12A	04/10/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	04/11/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/08/19	210.09	18.25	0.00	191.84	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/09/19	210.09	18.25	0.00	191.84	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW12A	07/10/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12A	07/11/19	210.09	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 10-25 ft bgs / Total Well Depth 25 ft

MW13	04/05/06	203.17	17.13	0.00	186.04	<b>1,010</b>	252	<111	<b>232</b>	8.23	27.9	36.8	--	--	--	--
MW13	10/19/06	203.17	21.51	0.00	181.66	664	<105	<105	<b>234</b>	1.41	13.8	<3.00	--	--	--	--
MW13	01/29/07	203.17	21.20	0.00	181.97	164	<110	<110	<b>20.2</b>	<1.00	<1.00	<3.00	--	--	--	--
MW13	04/27/07	203.17	20.75	0.00	182.42	334	<98.0	<98.0	<b>92.9</b>	<1.00	<1.00	<3.00	--	--	--	--
MW13	09/05/07	203.17	20.51	0.00	182.66	174	<96.2	<96.2	<b>48.1</b>	<1.00	<1.00	<3.00	--	8.00	7.70	--
MW13	12/12/07	203.17	21.23	0.00	181.94	576	<b>1,230</b>	<98.0	<b>190</b>	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	02/20/08	203.17	24.03	0.00	179.14	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	<100

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW13	05/29/08	203.17	17.73	0.00	185.44	<100	<96.2	<96.2	2.20	<1.00	<1.00	<3.00	--	--	--	--
MW13	08/21/08	203.17	20.05	0.00	183.12	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW13	11/19/08	203.17	20.55	0.00	182.62	260	104	<98.0	24.9	<1.00	26.3	<3.00	--	21.4	<5.00	--
MW13	02/26/09	203.17	21.64	0.00	181.53	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	25.3	<5.00	--
MW13	02/27/09	203.17	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	05/12/09	203.17	21.02	0.00	182.15	<100	<108	<108	<1.00	<1.00	<1.00	<3.00	--	11.8	<5.00	--
MW13	08/13/09	203.17	21.14	0.00	182.03	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	08/14/09	203.17	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	12/03/09	203.17	21.04	0.00	182.13	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	10.3	<5.00	--
MW13	03/25/10	203.17	17.96	0.00	185.21	--	--	--	--	--	--	--	--	--	--	--
MW13	03/26/10	203.17	17.96	0.00	185.21	254	196	296	20.7	37.0	13.5	46.5	--	<5.00	<5.00	--
MW13	06/09/10	203.17	16.12	0.00	187.05	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	09/20/10	203.17	15.97	0.00	187.20	<100	136	<95.2	<1.00	<1.00	<1.00	<3.00	--	12.5	<5.00	--
MW13	09/21/10	203.17	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	12/16/10	203.17	14.90	0.00	188.27	<100	766	<111	3.17	<1.00	<1.00	<3.00	--	18.2	6.30	--
MW13	03/22/11	203.17	14.97	0.00	188.20	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	19.8	<5.00	--
MW13	03/23/11	203.17	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	06/08/11 f	212.90	15.34	0.00	197.56	<100	<95.2	<238	2.06	<1.00	<1.00	<3.00	--	64.5	5.90	--
MW13	06/09/11	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	09/14/11	212.90	16.92	0.00	195.98	<100	<111	<278	5.82	<1.00	<1.00	<3.00	--	57.7	<5.00	--
MW13	09/15/11	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	09/16/11	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	12/01/11	212.90	16.68	0.00	196.22	<100	<99.0	<248	<1.00	<1.00	<1.00	<3.00	--	52.3	<5.00	--
MW13	12/02/11	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/23/12	212.90	16.61	0.00	196.29	<100	<98.0	<245	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	02/24/12	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	05/09/12	212.90	16.99	0.00	195.91	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	137	<50.0	--
MW13	05/10/12	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	08/14/12	212.90	17.13	0.00	195.77	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	08/15/12	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/12/12	212.90	17.11	0.00	195.79	<100	<94.3	<94.3	1.24	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	11/13/12	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/14/12	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/05/13	212.90	16.17	0.00	196.73	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	9.90	<5.00	--
MW13	02/06/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/07/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW13	05/06/13	212.90	18.83	0.00	194.07	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	10.9	8.00	--
MW13	05/07/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	05/08/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/31/13	212.90	19.39	0.00	193.51	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	7.60	<5.00	--
MW13	08/01/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/11/13	212.90	19.63	0.00	193.27	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	11/12/13	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/10/14	212.90	19.42	0.00	193.48	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	5.10	--
MW13	02/11/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	05/28/14	212.90	18.75	0.00	194.15	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	9.00	<5.00	--
MW13	05/29/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	08/06/14	212.90	19.01	0.00	193.89	<100	<109	<109	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	08/07/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	08/08/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/10/14	212.90	17.99	0.00	194.91	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	11/11/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/12/14	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/10/15	212.90	18.32	0.00	194.58	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	5.50	<5.00	--
MW13	02/11/15	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	06/08/15	212.90	16.09	0.00	196.81	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	8.70	<5.00	--
MW13	06/09/15	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	09/08/15	212.90	17.13	0.00	195.77	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	5.90	<5.00	--
MW13	09/09/15	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	12/08/15	212.90	16.32	0.00	196.58	<100	102	<94.3	<1.00	<1.00	<1.00	<3.00	--	7.70	<5.00	--
MW13	12/09/15	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	03/07/16	212.90	14.76	0.00	198.14	--	--	--	--	--	--	--	--	--	--	--
MW13	03/08/16	212.90	14.49	0.00	198.41	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	03/09/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	06/06/16	212.90	15.51	0.00	197.39	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	06/07/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	06/08/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	08/29/16	212.90	16.29	0.00	196.61	--	--	--	--	--	--	--	--	--	--	--
MW13	08/30/16	212.90	16.52	0.00	196.38	<100	<93.0	<93.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	08/31/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	12/19/16	212.90	15.16	0.00	197.74	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW13	12/20/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW13	12/21/16	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/27/17	212.90	14.33	0.00	198.57	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	02/28/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	03/01/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	03/02/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	04/17/17	212.90	14.11	0.00	198.79	--	--	--	--	--	--	--	--	--	--	--
MW13	04/18/17	212.90	14.10	0.00	198.80	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	05/01/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	05/02/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/18/17	212.90	15.00	0.00	197.90	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	07/19/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/20/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/21/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/07/17	212.90	16.25	0.00	196.65	--	--	--	--	--	--	--	--	--	--	--
MW13	11/08/17	212.90	16.25	0.00	196.65	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	11/09/17	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/20/18	212.90	14.67	0.00	198.23	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	02/21/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/22/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	06/28/18	212.90	15.19	0.00	197.71	<100	220	140	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	06/29/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/03/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	09/13/18	212.90	16.03	0.00	196.87	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	11/12/18	212.90	17.00	0.00	195.90	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW13	11/13/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/14/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	11/15/18	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	02/13/19	212.90	15.99	0.00	196.91	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW13	04/08/19	212.90	15.60	0.00	197.30	--	--	--	--	--	--	--	--	--	--	--
MW13	04/09/19	212.90	15.69	0.00	197.21	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW13	04/10/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	04/11/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/08/19	212.90	15.88	0.00	197.02	--	--	--	--	--	--	--	--	--	--	--
MW13	07/09/19	212.90	15.88	0.00	197.02	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW13	07/10/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW13	07/11/19	212.90	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft																
MW14	04/27/07	199.62	20.17	0.00	179.45	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW14	09/05/07	199.62	20.45	0.00	179.17	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	12.8	<5.00	--
MW14	12/12/07	199.62	20.65	0.00	178.97	<250	<96.2	<96.2	1.04	<1.00	<1.00	<3.00	--	6.00	<5.00	--
MW14	02/20/08	199.62	20.38	0.00	179.24	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW14	05/29/08	199.62	20.19	0.00	179.43	<100	<95.2	<95.2	1.23	<1.00	<1.00	<3.00	--	--	--	--
MW14	08/21/08	199.62	20.44	0.00	179.18	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW14	11/19/08	199.62	20.87	0.00	178.75	654	<111	<111	221	<1.00	28.5	<3.00	--	75.5	<5.00	--
MW14	02/26/09	199.62	21.52	0.00	178.10	<100	<109	<109	<1.00	<1.00	<1.00	<3.00	--	25.2	<5.00	--
MW14	02/27/09	199.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/12/09	199.62	20.34	0.00	179.28	<100	<95.2	<95.2	5.83	<1.00	<1.00	<3.00	--	14.4	<5.00	--
MW14	08/13/09	199.62	20.48	0.00	179.14	<100	<99.0	206	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	08/14/09	199.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	12/03/09	199.62	20.67	0.00	178.95	<100	<111	<111	5.30	<1.00	<1.00	<3.00	--	27.4	<5.00	--
MW14	03/25/10	199.62	20.01	0.00	179.61	<100	<100	<100	4.47	<1.00	<1.00	<3.00	--	26.1	<5.00	--
MW14	03/26/10	199.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/09/10	199.62	19.55	0.00	180.07	<100	<111	<111	1.58	1.48	<1.00	<3.00	--	14.3	<5.00	--
MW14	09/20/10	199.62	19.81	0.00	179.81	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	22.2	<5.00	--
MW14	09/21/10	199.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	12/16/10	199.62	19.44	0.00	180.18	<100	<118	<118	<1.00	<1.00	<1.00	<3.00	--	17.2	<5.00	--
MW14	03/22/11	199.62	18.96	0.00	180.66	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	03/23/11	199.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/08/11 f	209.14	18.86	0.00	190.28	<100	<99.0	<248	<1.00	<1.00	<1.00	<3.00	--	122	<5.00	--
MW14	06/09/11	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	09/14/11	209.14	21.03	0.00	188.11	<100	<94.3	<236	<1.00	<1.00	<1.00	<3.00	--	15.4	<5.00	--
MW14	09/15/11	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	09/16/11	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	12/01/11	209.14	21.42	0.00	187.72	<100	<118	<294	<1.00	<1.00	<1.00	<3.00	--	28.0	<5.00	--
MW14	12/02/11	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/23/12	209.14	21.97	0.00	187.17	<100	<105	<105h	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	02/24/12	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/09/12	209.14	21.63	0.00	187.51	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	85.6	<5.00	--
MW14	05/10/12	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	08/14/12	209.14	21.79	0.00	187.35	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW14	08/15/12	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/12/12	209.14	22.11	0.00	187.03	<100	<95.2	<95.2	1.03	2.06	1.49	6.04	--	<5.00	<5.00	--
MW14	11/13/12	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/14/12	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/05/13	209.14	21.50	0.00	187.64	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	7.90	<5.00	--
MW14	02/06/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/07/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/06/13	209.14	21.74	0.00	187.40	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.90	6.10	--
MW14	05/07/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/08/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/31/13	209.14	21.85	0.00	187.29	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	08/01/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/11/13	209.14	21.94	0.00	187.20	<100	177	101	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	11/12/13	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/10/14	209.14	22.17	0.00	186.97	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	6.20	--
MW14	02/11/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/28/14	209.14	21.39	0.00	187.75	<100	<102	<102	<1.00	<1.00	<1.00	<3.00	--	10.4	<5.00	--
MW14	05/29/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	08/06/14	209.14	21.36	0.00	187.78	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	08/07/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	08/08/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/10/14	209.14	20.47	0.00	188.67	<100	<103	<103	<1.00	<1.00	<1.00	<3.00	--	9.40	<5.00	--
MW14	11/11/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/12/14	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/10/15	209.14	20.02	0.00	189.12	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.90	<5.00	--
MW14	02/11/15	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/08/15	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/09/15	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	09/08/15	209.14	19.77	0.00	189.37	--	--	--	--	--	--	--	--	--	--	--
MW14	09/09/15	209.14	19.77	0.00	189.37	<100	137	<b>3,070</b>	<1.00	<1.00	<1.00	<3.00	--	<b>108</b>	<5.00	--
MW14	12/08/15	209.14	19.83	0.00	189.31	<100	240	<b>1,590</b>	<1.00	<1.00	<1.00	<3.00	--	<b>46.5</b>	<5.00	--
MW14	12/09/15	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	03/07/16	209.14	19.02	0.00	190.12	--	--	--	--	--	--	--	--	--	--	--
MW14	03/08/16	209.14	19.10	0.00	190.04	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	03/09/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/06/16	209.14	19.27	0.00	189.87	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW14	06/07/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/08/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	08/29/16	209.14	19.72	0.00	189.42	--	--	--	--	--	--	--	--	--	--	--
MW14	08/30/16	209.14	19.79	0.00	189.35	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	08/31/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	12/19/16	209.14	19.18	0.00	189.96	<100	<92.6	<92.6	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW14	12/20/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	12/21/16	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/27/17	209.14	18.92	0.00	190.22	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	02/28/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	03/01/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	03/02/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	04/17/17	209.14	18.49	0.00	190.65	--	--	--	--	--	--	--	--	--	--	--
MW14	04/18/17	209.14	18.50	0.00	190.64	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	05/01/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	05/02/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/18/17	209.14	18.49	0.00	190.65	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	07/19/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/20/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/21/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/07/17	209.14	19.47	0.00	189.67	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	11/08/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/09/17	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/20/18	209.14	19.16	0.00	189.98	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	02/21/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/22/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/28/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	06/29/18	209.14	18.90	0.00	190.24	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	07/03/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	09/13/18	209.14	19.43	0.00	189.71	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	11/12/18	209.14	19.80	0.00	189.34	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW14	11/13/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/14/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	11/15/18	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	02/13/19	209.14	19.76	0.00	189.38	<100	<91	<91	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW14	04/08/19	209.14	19.41	0.00	189.73	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW14	04/09/19	209.14	19.40	0.00	189.74	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW14	04/10/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	04/11/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/08/19	209.14	20.50	0.00	188.64	--	--	--	--	--	--	--	--	--	--	--
MW14	07/09/19	209.14	19.51	0.00	189.63	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW14	07/10/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW14	07/11/19	209.14	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft																
MW15	04/27/07	200.87	20.87	0.00	180.00	<b>36,600</b>	<b>1,230</b>	<102	<b>5,320</b>	<b>1,140</b>	<b>1,190</b>	<b>4,280</b>	--	--	--	--
MW15	09/05/07	200.87	20.11	0.00	180.76	<b>24,800</b>	<b>1,810</b>	<111	<b>4,990</b>	797	<b>970</b>	<b>3,530</b>	--	<b>30.5</b>	<5.00	--
MW15	12/12/07	200.87	21.34	0.00	179.53	<b>17,000</b>	<b>1,110</b>	<98.0	<b>3,210</b>	221	<b>583</b>	<b>1,950</b>	--	12.4	<5.00	--
MW15	02/20/08	200.87	21.04	0.00	179.83	<b>26,200</b>	<b>1,870</b>	<192	<b>5,590</b>	412	<b>981</b>	<b>3,350</b>	--	--	--	--
MW15	05/29/08	200.87	20.84	0.00	180.03	<b>19,600</b>	<b>3,770</b>	<388	<b>3,760</b>	374	<b>733</b>	<b>2,040</b>	--	--	--	--
MW15	08/21/08	200.87	21.04	0.00	179.83	<b>26,000</b>	<b>2,150</b>	<190	<b>4,290</b>	748	<b>1,020</b>	<b>3,700</b>	--	--	--	--
MW15	11/19/08	200.87	21.41	0.00	179.46	<b>19,300</b>	<b>1,830</b>	<200	<b>3,840</b>	349	<b>766</b>	<b>2,940</b>	--	<b>43.0</b>	<5.00	--
MW15	02/26/09	200.87	22.11	0.00	178.76	<b>33,900</b>	<b>2,880</b>	<481	<b>4,400</b>	529	<b>1,220</b>	<b>4,410</b>	--	<b>29.7</b>	<5.00	--
MW15	02/27/09	200.87	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15	05/12/09	200.87	20.99	0.00	179.88	<b>39,400</b>	<b>2,380</b>	<476	<b>3,960</b>	734	<b>1,110</b>	<b>4,900</b>	--	<b>26.2</b>	<5.00	--
MW15	08/13/09	200.87	20.89	0.00	179.98	<b>24,300</b>	<b>2,470</b>	<472	<b>2,560</b>	646	<b>974</b>	<b>3,940</b>	--	11.8	<5.00	--
MW15	08/14/09	200.87	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15	12/03/09	200.87	20.19	0.00	180.68	<b>15,800</b>	<b>2,110</b>	<94.3	<b>2,030</b>	160	<b>790</b>	<b>2,840</b>	--	<b>32.9</b>	<5.00	--
MW15	03/25/10	200.87	20.80	0.00	180.07	<b>4,890</b>	<b>2,220</b>	<111	<b>2,610</b>	684	<b>1,070</b>	<b>4,750</b>	--	<b>21.2</b>	<5.00	--
MW15	03/26/10	200.87	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15	06/09/10	200.87	20.27	0.00	180.60	<b>40,200</b>	<b>2,550</b>	<111	<b>3,160</b>	<b>2,650</b>	<b>1,550</b>	<b>6,320</b>	--	<5.00	<5.00	--
MW15	09/20/10	200.87	20.46	0.00	180.41	<b>35,100</b>	<b>2,600</b>	<97.1	<b>2,100</b>	<b>2,280</b>	<b>1,460</b>	<b>6,650</b>	--	9.90	<5.00	--
MW15	09/21/10	200.87	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed																
Screen Interval 10-30 ft bgs / Total Well Depth 30 ft																
MW15A	12/16/10	NE	19.63	0.00	--	<b>16,800</b>	<b>1,470</b>	<98.0	<b>2,860</b>	337	<b>710</b>	<b>2,610</b>	--	<b>149</b>	5.50	--
MW15A	03/22/11	NE	19.11	0.00	--	<b>19,900</b>	<b>1,450</b>	<95.2	<b>2,770</b>	880	<b>722</b>	<b>3,280</b>	--	14.6	6.50	--
MW15A	03/23/11	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	06/08/11 f	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	06/09/11	209.97	NM	0.00	--	<b>14,200</b>	<b>1,370</b>	<263	<b>1,180</b>	20.4	34.2	254	--	6.70	6.10	--
MW15A	09/14/11	209.97	21.61	0.00	188.36	<b>15,100</b>	<b>592</b>	<236	<b>7,620</b>	48.4	182	123	--	5.10	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW15A	09/15/11	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	09/16/11	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	12/01/11	209.97	21.95	0.00	188.02	<b>13,100</b>	459	<240	<b>5,350</b>	38.5	100	79.5	--	<5.00	<5.00	--
MW15A	12/02/11	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/23/12	209.97	22.59	0.00	187.38	<b>14,800</b>	<b>542</b>	<263	<b>6,000</b>	43.8	209	168	--	<5.00	<5.00	--
MW15A	02/24/12	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	05/09/12	209.97	23.16	0.00	186.81	<b>6,950</b>	<b>633</b>	<b>2,790</b>	<b>3,240</b>	22.9	92.1	41.0	--	<b>81.4</b>	<5.00	--
MW15A	05/10/12	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	08/14/12	209.97	23.32	0.00	186.65	323	367	<100	<b>38.7</b>	<1.00	4.57	<3.00	--	<5.00	<5.00	--
MW15A	08/15/12	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/12/12	209.97	23.15	0.00	186.82	<b>3,400</b>	305	220	<b>1,960</b>	16.1	50.8	39.5	--	<5.00	5.20	--
MW15A	11/13/12	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/14/12	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/05/13	209.97	22.13	0.00	187.84	163	110	<95.2	<b>81.9</b>	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	02/06/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/07/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	05/06/13	209.97	23.10	0.00	186.87	<b>1,700</b>	476	179	<b>641</b>	5.39	1.24	5.81	--	5.50	7.60	--
MW15A	05/07/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	05/08/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/31/13	209.97	22.96	0.00	187.01	<b>1,060</b>	345	<b>573</b>	<b>453</b>	<5.00	<5.00	<15.0	--	7.30	<5.00	--
MW15A	08/01/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/11/13	209.97	22.76	0.00	187.21	782	<b>676</b>	<b>1,080</b>	<b>381</b>	2.46	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	11/12/13	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/10/14	209.97	23.27	0.00	186.70	<100	178	<b>1,350</b>	<b>19.1</b>	<1.00	<1.00	<3.00	--	5.50	<5.00	--
MW15A	02/11/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	05/28/14	209.97	22.05	0.00	187.92	<100	<93.9	<93.9	<b>20.1</b>	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	05/29/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	08/06/14	209.97	22.36	0.00	187.61	<100	348	164	<b>65.5</b>	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	08/07/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	08/08/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/10/14	209.97	20.62	0.00	189.35	<100	222	<b>786</b>	<1.00	<1.00	<1.00	<3.00	--	6.80	<5.00	--
MW15A	11/11/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/12/14	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/10/15 m	209.97	20.31	0.00	189.66	<100	<b>1,620</b>	<b>11,300</b>	<1.00	<1.00	<1.00	<3.00	--	<b>70.8</b>	<5.00	--
MW15A	02/11/15	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	04/13/15 m	209.97	19.78	0.00	190.19	227	<b>6,260</b>	<b>2,140</b>	<1.00	<1.00	<1.00	7.75	--	12.2	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW15A	04/13/15 m	209.97	19.78	0.00	190.19	<100	756	339	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	06/08/15	209.97	19.67	0.00	190.30	<100	1,130	846	1.32	<1.00	<1.00	<3.00	--	7.40	<5.00	--
MW15A	06/09/15	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	09/08/15	209.97	20.05	0.00	189.92	<100	798	2,150	<1.00	<1.00	<1.00	<3.00	--	8.80	<5.00	--
MW15A	09/09/15	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	12/08/15	209.97	19.25	0.00	190.72	<100	1,330	1,300	<1.00	<1.00	<1.00	<3.00	--	6.60	<5.00	--
MW15A	12/09/15	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	03/07/16	209.97	18.63	0.00	191.34	--	--	--	--	--	--	--	--	--	--	--
MW15A	03/08/16	209.97	18.89	0.00	191.08	<100	191	838	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	03/09/16	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	06/06/16	209.97	19.21	0.00	190.76	<100	110	1,390	<1.00	2.78	<1.00	<3.00	--	6.00	<5.00	--
MW15A	06/07/16	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	06/08/16	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	08/29/16	209.97	19.69	0.00	190.28	--	--	--	--	--	--	--	--	--	--	--
MW15A	08/30/16	209.97	19.82	0.00	190.15	<100	202	555	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW15A	08/31/16	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	12/19/16	209.97	19.20	0.00	190.77	--	--	--	--	--	--	--	--	--	--	--
MW15A	12/20/16	209.97	19.24	0.00	190.73	<100	341	980	<1.00	<1.00	<1.00	<3.00	--	6.30	<5.00	--
MW15A	12/21/16	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/27/17	209.97	18.89	0.00	191.08	<100	<94	1,000	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	02/28/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	03/01/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	03/02/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	04/17/17	209.97	18.49	0.00	191.48	--	--	--	--	--	--	--	--	--	--	--
MW15A	04/18/17	209.97	18.49	0.00	191.48	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	05/01/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	05/02/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/18/17	209.97	18.46	0.00	191.51	<100	<100	140	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	07/19/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/20/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/21/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/07/17	209.97	19.43	0.00	190.54	<100	120	140	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	11/08/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/09/17	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/20/18	209.97	19.19	0.00	190.78	<100	<91	110	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	02/21/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW15A	02/22/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	06/28/18	209.97	18.87	0.00	191.10	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW15A	06/29/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/03/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	09/13/18	209.97	19.36	0.00	190.61	<100	<100	190	<1.0	<1.0	<1.0	<1.0	--	12.9	10.6	--
MW15A	11/12/18	209.97	19.75	0.00	190.22	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	20.0	<10.0	--
MW15A	11/13/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/14/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	11/15/18	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	02/13/19 o	209.97	19.75	0.00	190.22	<100	150	900	<1.0	<1.0	<1.0	<1.0	--	1.05	<1.00	--
MW15A	03/14/19 o	209.97	19.52	0.00	190.45	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW15A	04/08/19	209.97	19.37	0.00	190.60	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW15A	04/09/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	04/10/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	04/11/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/08/19	209.97	19.45	0.00	190.52	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/09/19	209.97	19.46	0.00	190.51	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW15A	07/10/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15A	07/11/19	209.97	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 10-25 ft bgs / Total Well Depth 25 ft

MW16	04/27/07	197.18	19.10	0.00	178.08	<100	131	<97.1	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW16	09/05/07	197.18	19.17	0.00	178.01	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	145	<5.00	--
MW16	12/12/07	197.18	19.26	0.00	177.92	<250	129	214	<1.00	<1.00	<1.00	<3.00	--	35.9	<5.00	--
MW16	02/20/08	197.18	19.11	0.00	178.07	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW16	05/29/08	197.18	19.03	0.00	178.15	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW16	08/21/08	197.18	18.22	0.00	178.96	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW16	11/19/08	197.18	19.28	0.00	177.90	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	43.2	<5.00	--
MW16	02/26/09	197.18	19.21	0.00	177.97	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	37.2	<5.00	--
MW16	02/27/09	197.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	05/12/09	197.18	19.58	0.00	177.60	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	22.3	<5.00	--
MW16	08/13/09	197.18	19.76	0.00	177.42	<100	186	360	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	08/14/09	197.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/03/09	197.18	19.18	0.00	178.00	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	31.7	<5.00	--
MW16	03/25/10	197.18	18.75	0.00	178.43	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW16	03/26/10	197.18	18.76	0.00	178.42	286	<94.3	134	20.6	43.2	16.4	59.3	--	8.00	<5.00	--
MW16	06/09/10	197.18	18.42	0.00	178.76	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	09/20/10	197.18	18.45	0.00	178.73	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	09/21/10	197.18	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/16/10	197.18	18.12	0.00	179.06	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	35.0	<5.00	--
MW16	03/22/11	197.18	17.54	0.00	179.64	--	--	--	--	--	--	--	--	--	--	--
MW16	03/23/11	197.18	17.66	0.00	179.52	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	5.10	<5.00	--
MW16	06/08/11 f	206.70	17.68	0.00	189.02	240	<99.0	<248	4.32	<1.00	<1.00	8.29	--	15.5	5.40	--
MW16	06/09/11	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	09/14/11	206.70	19.35	0.00	187.35	<100	<100	<250	<1.00	<1.00	<1.00	<3.00	--	49.9	<5.00	--
MW16	09/15/11	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	09/16/11	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/01/11	206.70	19.46	0.00	187.24	--	--	--	--	--	--	--	--	--	--	--
MW16	12/02/11	206.70	19.57	0.00	187.13	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	20.5	<5.00	--
MW16	02/23/12	206.70	19.72	0.00	186.98	--	--	--	--	--	--	--	--	--	--	--
MW16	02/24/12	206.70	19.77	0.00	186.93	<100	<111	<278	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	05/09/12	206.70	19.55	0.00	187.15	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	169	<5.00	--
MW16	05/10/12	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	08/14/12	206.70	20.01	0.00	186.69	--	--	--	--	--	--	--	--	--	--	--
MW16	08/15/12	206.70	20.01	0.00	186.69	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	11/12/12	206.70	22.00	0.00	184.70	--	--	--	--	--	--	--	--	--	--	--
MW16	11/13/12	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/14/12	206.70	19.83	0.00	186.87	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	12.2	<5.00	--
MW16	02/05/13	206.70	19.48	0.00	187.22	--	--	--	--	--	--	--	--	--	--	--
MW16	02/06/13	206.70	19.50	0.00	187.20	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	18.4	<5.00	--
MW16	02/07/13	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	05/06/13	206.70	19.56	0.00	187.14	--	--	--	--	--	--	--	--	--	--	--
MW16	05/07/13	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	05/08/13	206.70	19.54	0.00	187.16	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	34.2	<5.00	--
MW16	07/31/13	206.70	19.75	0.00	186.95	--	--	--	--	--	--	--	--	--	--	--
MW16	08/01/13	206.70	19.64	0.00	187.06	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	9.30	<5.00	--
MW16	11/11/13	206.70	19.81	0.00	186.89	--	--	--	--	--	--	--	--	--	--	--
MW16	11/12/13	206.70	19.82	0.00	186.88	<100	<97.1	97.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	02/10/14	206.70	20.05	0.00	186.65	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	02/11/14	206.70	20.04	0.00	186.66	--	--	--	--	--	--	--	--	--	--	--
MW16	05/28/14	206.70	19.48	0.00	187.22	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW16	05/29/14	206.70	19.48	0.00	187.22	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	12.9	<5.00	--
MW16	08/06/14	206.70	19.83	0.00	186.87	--	--	--	--	--	--	--	--	--	--	--
MW16	08/07/14	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	08/08/14	206.70	19.62	0.00	187.08	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	11/10/14	206.70	19.07	0.00	187.63	--	--	--	--	--	--	--	--	--	--	--
MW16	11/11/14	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/12/14	206.70	19.09	0.00	187.61	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	02/10/15	206.70	19.33	0.00	187.37	--	--	--	--	--	--	--	--	--	--	--
MW16	02/11/15	206.70	18.85	0.00	187.85	<100	<101	<101	<1.00	<1.00	<1.00	<3.00	--	18.2	<5.00	--
MW16	06/08/15	206.70	18.76	0.00	187.94	--	--	--	--	--	--	--	--	--	--	--
MW16	06/09/15	206.70	18.76	0.00	187.94	<100	<94.8	<94.8	<1.00	<1.00	<1.00	<3.00	--	15.3	<5.00	--
MW16	09/08/15	206.70	18.79	0.00	187.91	<100	<101	<101	<1.00	<1.00	<1.00	<3.00	--	8.90	<5.00	--
MW16	09/09/15	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/08/15	206.70	18.79	0.00	187.91	--	--	--	--	--	--	--	--	--	--	--
MW16	12/09/15	206.70	18.79	0.00	187.91	<100	192	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.30	<5.00	--
MW16	03/07/16	206.70	18.36	0.00	188.34	--	--	--	--	--	--	--	--	--	--	--
MW16	03/08/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	03/09/16	206.70	18.33	0.00	188.37	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	06/06/16	206.70	18.37	0.00	188.33	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	06/07/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	06/08/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	08/29/16	206.70	18.78	0.00	187.92	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	08/30/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	08/31/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/19/16	206.70	17.94	0.00	188.76	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW16	12/20/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	12/21/16	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	02/27/17	206.70	18.02	0.00	188.68	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	02/28/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	03/01/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	03/02/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	04/17/17	206.70	17.73	0.00	188.97	--	--	--	--	--	--	--	--	--	--	--
MW16	04/18/17	206.70	17.73	0.00	188.97	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	05/01/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	05/02/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/18/17	206.70	17.70	0.00	189.00	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW16	07/19/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/20/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/21/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/07/17	206.70	18.42	0.00	188.28	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	11/08/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/09/17	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	02/20/18	206.70	18.20	0.00	188.50	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	02/21/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	02/22/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	06/28/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	06/29/18	206.70	18.01	0.00	188.69	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	07/03/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	09/12/18	206.70	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/12/18	206.70	18.65	0.00	188.05	--	--	--	--	--	--	--	--	--	--	--
MW16	11/13/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/14/18	206.70	18.65	0.00	188.05	<100	100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW16	11/15/18	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	02/14/19	206.70	18.53	0.00	188.17	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW16	04/08/19	206.70	18.49	0.00	188.21	--	--	--	--	--	--	--	--	--	--	--
MW16	04/09/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	04/10/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	04/11/19	206.70	18.49	0.00	188.21	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW16	07/08/19	206.70	18.60	0.00	188.10	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW16	07/09/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/10/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	07/11/19	206.70	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 10-30 ft bgs / Total Well Depth 30 ft

MW17	04/27/07	201.65	20.87	0.00	180.78	473	<95.2	<95.2	102	<1.00	11.7	15.0	--	--	--	--
MW17	09/05/07	201.65	21.11	0.00	180.54	1,830	<100	<100	789	5.27	68.8	54.9	--	20.0	<5.00	--
MW17	12/12/07	201.65	21.66	0.00	179.99	7,170	2,020	<971	1,910	28.4	296	382	--	<5.00	<5.00	--
MW17	02/20/08	201.65	21.01	0.00	180.64	<100	<95.2	<95.2	1.43	<1.00	<1.00	<3.00	--	--	--	--
MW17	05/29/08	201.65	20.82	0.00	180.83	<100	<100	<100	6.29	<1.00	<1.00	<3.00	--	--	--	--
MW17	08/21/08	201.65	20.95	0.00	180.70	367	<105	<105	125	<1.00	9.16	7.82	--	--	--	--
MW17	11/19/08	201.65	21.37	0.00	180.28	706	<103	<103	216	<1.00	29.6	<3.00	--	81.7	<5.00	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW17	02/26/09	201.65	21.82	0.00	179.83	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	89.3	<5.00	--
MW17	02/27/09	201.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	05/12/09	201.65	21.46	0.00	180.19	896	<105	<105	192	<1.00	7.39	7.50	--	52.8	<5.00	--
MW17	08/13/09	201.65	21.21	0.00	180.44	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	26.3	<5.00	--
MW17	08/14/09	201.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/03/09	201.65	21.62	0.00	180.03	304	<95.2	<95.2	71.0	1.27	19.2	7.78	--	63.1	<5.00	--
MW17	03/25/10	201.65	20.67	0.00	180.98	--	--	--	--	--	--	--	--	--	--	--
MW17	03/26/10	201.65	20.73	0.00	180.92	199	<97.1	<97.1	11.1	26.5	10.5	32.1	--	<5.00	<5.00	--
MW17	06/09/10	201.65	20.15	0.00	181.50	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	22.8	6.70	--
MW17	09/20/10	201.65	20.31	0.00	181.34	138	<96.2	<96.2	42.8	<1.00	<1.00	<3.00	--	20.9	<5.00	--
MW17	09/21/10	201.65	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/16/10	201.65	20.06	0.00	181.59	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	31.1	<5.00	--
MW17	03/22/11	201.65	18.83	0.00	182.82	--	--	--	--	--	--	--	--	--	--	--
MW17	03/23/11	201.65	18.97	0.00	182.68	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	06/08/11 f	211.16	19.02	0.00	192.14	<100	<99.0	<248	<1.00	<1.00	<1.00	<3.00	--	35.8	5.90	--
MW17	06/09/11	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	09/14/11	211.16	20.51	0.00	190.65	<100	<97.1	<243	<1.00	<1.00	<1.00	<3.00	--	54.9	<5.00	--
MW17	09/15/11	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	09/16/11	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/01/11	211.16	21.98	0.00	189.18	<100	<111	<278	<1.00	<1.00	<1.00	<3.00	--	34.6	<5.00	--
MW17	12/02/11	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/23/12	211.16	22.16	0.00	189.00	--	--	--	--	--	--	--	--	--	--	--
MW17	02/24/12	211.16	22.34	0.00	188.82	<100	<99.0	<248	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	05/09/12	211.16	22.25	0.00	188.91	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	55.0	<5.00	--
MW17	05/10/12	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	08/14/12	211.16	22.76	0.00	188.40	--	--	--	--	--	--	--	--	--	--	--
MW17	08/15/12	211.16	22.76	0.00	188.40	<100	<100	111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	11/12/12	211.16	22.63	0.00	188.53	--	--	--	--	--	--	--	--	--	--	--
MW17	11/13/12	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/14/12	211.16	22.53	0.00	188.63	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	02/05/13	211.16	21.97	0.00	189.19	--	--	--	--	--	--	--	--	--	--	--
MW17	02/06/13	211.16	21.65	0.00	189.51	<100	<97.1	107	<1.00	<1.00	<1.00	<3.00	--	12.4	<5.00	--
MW17	02/07/13	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	05/06/13	211.16	22.51	0.00	188.65	--	--	--	--	--	--	--	--	--	--	--
MW17	05/07/13	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	05/08/13	211.16	22.40	0.00	188.76	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	33.2	7.00	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW17	07/31/13	211.16	22.57	0.00	188.59	--	--	--	--	--	--	--	--	--	--	--
MW17	08/01/13	211.16	22.51	0.00	188.65	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	15.3	<5.00	--
MW17	11/11/13	211.16	22.72	0.00	188.44	--	--	--	--	--	--	--	--	--	--	--
MW17	11/12/13	211.16	22.70	0.00	188.46	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	02/10/14	211.16	23.00	0.00	188.16	--	--	--	--	--	--	--	--	--	--	--
MW17	02/11/14	211.16	22.97	0.00	188.19	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	15.5	6.70	--
MW17	05/28/14	211.16	22.08	0.00	189.08	--	--	--	--	--	--	--	--	--	--	--
MW17	05/29/14	211.16	22.08	0.00	189.08	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	6.40	<5.00	--
MW17	08/06/14	211.16	22.09	0.00	189.07	--	--	--	--	--	--	--	--	--	--	--
MW17	08/07/14	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	08/08/14	211.16	22.03	0.00	189.13	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	11/10/14	211.16	21.01	0.00	190.15	--	--	--	--	--	--	--	--	--	--	--
MW17	11/11/14	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/12/14	211.16	21.01	0.00	190.15	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	02/10/15	211.16	21.07	0.00	190.09	--	--	--	--	--	--	--	--	--	--	--
MW17	02/11/15	211.16	20.36	0.00	190.80	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	11.0	<5.00	--
MW17	06/08/15	211.16	19.93	0.00	191.23	--	--	--	--	--	--	--	--	--	--	--
MW17	06/09/15	211.16	19.93	0.00	191.23	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	10.6	<5.00	--
MW17	09/08/15	211.16	20.06	0.00	191.10	<100	<99.5	<99.5	<1.00	<1.00	<1.00	<3.00	--	14.7	<5.00	--
MW17	09/09/15	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/08/15	211.16	19.94	0.00	191.22	<100	212	<93.5	<1.00	<1.00	<1.00	<3.00	--	7.60	<5.00	--
MW17	12/09/15	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	03/07/16	211.16	19.32	0.00	191.84	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	03/08/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	03/09/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	06/06/16	211.16	19.47	0.00	191.69	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	06/07/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	06/08/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	08/29/16	211.16	19.94	0.00	191.22	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	08/30/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	08/31/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/19/16	211.16	19.56	0.00	191.60	<100	<104	<104	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW17	12/20/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	12/21/16	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/27/17	211.16	19.19	0.00	191.97	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	02/28/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup>

500

500

5

1,000

700

1,000

20

15

15

N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW17	03/01/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	03/02/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	04/17/17	211.16	18.74	0.00	192.42	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	04/18/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	05/01/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	05/02/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/18/17	211.16	18.67	0.00	192.49	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	07/19/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/20/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/21/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/07/17	211.16	19.65	0.00	191.51	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	11/08/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/09/17	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/20/18	211.16	19.40	0.00	191.76	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	02/21/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/22/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	06/28/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	06/29/18	211.16	19.09	0.00	192.07	<100	320	220	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	07/03/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	09/14/18	211.16	19.55	0.00	191.61	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	11/12/18	211.16	19.92	0.00	191.24	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW17	11/13/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/14/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	11/15/18	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/13/19	211.16	19.92	0.00	191.24	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW17	04/08/19	211.16	19.58	0.00	191.58	--	--	--	--	--	--	--	--	--	--	--
MW17	04/09/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	04/10/19	211.16	19.58	0.00	191.58	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW17	04/11/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/08/19	211.16	19.61	0.00	191.55	--	--	--	--	--	--	--	--	--	--	--
MW17	07/09/19	211.16	19.60	0.00	191.56	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	2.47	<1.00	--
MW17	07/10/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	07/11/19	211.16	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels	800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A
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**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW18	08/21/08	203.91	21.78	0.00	182.13	<100	<98.0	236	1.14	2.61	<1.00	3.84	--	--	--	--
MW18	11/19/08	203.91	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/26/09	203.91	22.58	0.00	181.33	--	--	--	--	--	--	--	--	--	--	--
MW18	02/27/09	203.91	22.64	0.00	181.27	<100	<100	108	<1.00	<1.00	<1.00	<3.00	--	212	<5.00	--
MW18	05/12/09	203.91	22.45	0.00	181.46	--	--	--	--	--	--	--	--	--	--	--
MW18	08/13/09	203.91	22.47	0.00	181.44	--	--	--	--	--	--	--	--	--	--	--
MW18	08/14/09	203.91	22.62	0.00	181.29	<100	645	996	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	12/03/09	203.91	22.62	0.00	181.29	--	--	--	--	--	--	--	--	--	--	--
MW18	03/25/10	203.91	21.96	0.00	181.95	--	--	--	--	--	--	--	--	--	--	--
MW18	03/26/10	203.91	22.01	0.00	181.90	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	06/09/10	203.91	21.32	0.00	182.59	--	--	--	--	--	--	--	--	--	--	--
MW18	09/20/10	203.91	17.44	0.00	186.47	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	15.5	<5.00	--
MW18	09/21/10	203.91	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	12/16/10	203.91	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	03/22/11	203.91	16.69	0.00	187.22	--	--	--	--	--	--	--	--	--	--	--
MW18	03/23/11	203.91	16.71	0.00	187.20	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	06/08/11 f	213.44	17.03	0.00	196.41	<100	136	<245	<1.00	<1.00	<1.00	<3.00	--	7.40	5.20	--
MW18	06/09/11	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	09/14/11	213.44	20.48	0.00	192.96	--	--	--	--	--	--	--	--	--	--	--
MW18	09/15/11	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	09/16/11	213.44	20.75	0.00	192.69	<100	<111	<278	<1.00	<1.00	<1.00	<3.00	--	21.0	<5.00	--
MW18	12/01/11	213.44	20.76	0.00	192.68	--	--	--	--	--	--	--	--	--	--	--
MW18	12/02/11	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/23/12	213.44	21.04	0.00	192.40	--	--	--	--	--	--	--	--	--	--	--
MW18	02/24/12	213.44	21.12	0.00	192.32	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	05/09/12	213.44	22.48	0.00	190.96	--	--	--	--	--	--	--	--	--	--	--
MW18	05/10/12	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	08/14/12	213.44	22.62	0.00	190.82	--	--	--	--	--	--	--	--	--	--	--
MW18	08/15/12	213.44	22.62	0.00	190.82	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	11/12/12	213.44	19.19	0.00	194.25	--	--	--	--	--	--	--	--	--	--	--
MW18	11/13/12	213.44	19.50	0.00	193.94	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	7.90	<5.00	--
MW18	11/14/12	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/05/13	213.44	18.10	0.00	195.34	--	--	--	--	--	--	--	--	--	--	--
MW18	02/06/13	213.44	18.21	0.00	195.23	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	9.50	<5.00	--
MW18	02/07/13	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW18	05/06/13	213.44	19.83	0.00	193.61	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	32.2	6.10	--
MW18	05/07/13	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	05/08/13	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/31/13	213.44	20.51	0.00	192.93	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	13.8	<5.00	--
MW18	08/01/13	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	11/11/13	213.44	20.79	0.00	192.65	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	11/12/13	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/10/14	213.44	20.75	0.00	192.69	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<13.6	<5.50	--
MW18	02/11/14	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	05/28/14	213.44	19.71	0.00	193.73	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	05/29/14	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	08/06/14	213.44	19.97	0.00	193.47	--	--	--	--	--	--	--	--	--	--	--
MW18	08/07/14	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	08/08/14	213.44	20.04	0.00	193.40	<100	<104	<104	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	11/10/14	213.44	19.55	0.00	193.89	--	--	--	--	--	--	--	--	--	--	--
MW18	11/11/14	213.44	19.51	0.00	193.93	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	6.20	<5.00	--
MW18	11/12/14	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/10/15	213.44	19.78	0.00	193.66	--	--	--	--	--	--	--	--	--	--	--
MW18	02/11/15	213.44	17.94	0.00	195.50	<100	<103	<103	<1.00	<1.00	<1.00	<3.00	--	15.2	<5.00	--
MW18	06/08/15	213.44	17.71	0.00	195.73	--	--	--	--	--	--	--	--	--	--	--
MW18	06/09/15	213.44	17.71	0.00	195.73	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	29.3	<5.00	--
MW18	09/08/15	213.44	18.89	0.00	194.55	--	--	--	--	--	--	--	--	--	--	--
MW18	09/09/15	213.44	18.89	0.00	194.55	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	22.0	<5.00	--
MW18	12/08/15	213.44	18.10	0.00	195.34	--	--	--	--	--	--	--	--	--	--	--
MW18	12/09/15	213.44	18.18	0.00	195.26	<100	132	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.20	<5.00	--
MW18	03/07/16	213.44	16.43	0.00	197.01	--	--	--	--	--	--	--	--	--	--	--
MW18	03/08/16	213.44	16.58	0.00	196.86	<100	<98.0	<98.0	<1.00	2.06	<1.00	<3.00	--	<5.00	<5.00	--
MW18	03/09/16	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	06/06/16	213.44	17.07	0.00	196.37	--	--	--	--	--	--	--	--	--	--	--
MW18	06/07/16	213.44	17.18	0.00	196.26	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW18	06/08/16	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	08/29/16	213.44	18.08	0.00	195.36	--	--	--	--	--	--	--	--	--	--	--
MW18	08/30/16	213.44	18.23	0.00	195.21	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	5.10	--
MW18	08/31/16	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	12/19/16	213.44	16.94	0.00	196.50	--	--	--	--	--	--	--	--	--	--	--
MW18	12/20/16	213.44	17.04	0.00	196.40	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW18	12/21/16	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/27/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/28/17	213.44	16.16	0.00	197.28	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	03/01/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	03/02/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	04/17/17	213.44	16.23	0.00	197.21	--	--	--	--	--	--	--	--	--	--	--
MW18	04/18/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	05/01/17	213.44	15.61	0.00	197.83	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	05/02/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/18/17	213.44	16.66	0.00	196.78	--	--	--	--	--	--	--	--	--	--	--
MW18	07/19/17	213.44	16.66	0.00	196.78	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	07/20/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/21/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	11/07/17	213.44	18.20	0.00	195.24	--	--	--	--	--	--	--	--	--	--	--
MW18	11/08/17	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	11/09/17	213.44	18.14	0.00	195.30	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	02/20/18	213.44	17.56	0.00	195.88	--	--	--	--	--	--	--	--	--	--	--
MW18	02/21/18	213.44	16.82	0.00	196.62	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	02/22/18	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	06/28/18	213.44	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	06/29/18	213.44	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/03/18	213.44	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	09/12/18	213.44	18.01	0.00	195.43	<100	<96	<96	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	11/12/18	213.44	18.83	0.00	194.61	--	--	--	--	--	--	--	--	--	--	--
MW18	11/13/18	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	11/14/18	213.44	18.83	0.00	194.61	<100	<98	<98	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW18	11/15/18	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	02/15/19	213.44	17.97	0.00	195.47	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW18	04/08/19	213.44	16.97	0.00	196.47	--	--	--	--	--	--	--	--	--	--	--
MW18	04/09/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	04/10/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	04/11/19	213.44	16.97	0.00	196.47	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW18	07/08/19	213.44	17.59	0.00	195.85	--	--	--	--	--	--	--	--	--	--	--
MW18	07/09/19	213.44	17.59	0.00	195.85	<100	<98	<98	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW18	07/10/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	07/11/19	213.44	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW19	08/21/08	200.38	19.51	0.00	180.87	<100	<95.2	218	<1.00	<1.00	<1.00	<3.00	--	--	--	--
MW19	11/19/08	200.38	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	02/26/09	200.38	19.69	0.00	180.69	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	187	<5.00	--
MW19	02/27/09	200.38	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	05/12/09	200.38	20.11	0.00	180.27	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	6.00	<5.00	--
MW19	08/13/09	200.38	19.88	0.00	180.50	<100	<95.2	139	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	08/14/09	200.38	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	12/03/09	200.38	19.31	0.00	181.07	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	204	<5.00	--
MW19	03/25/10	200.38	19.39	0.00	180.99	--	--	--	--	--	--	--	--	--	--	--
MW19	03/26/10	200.38	19.42	0.00	180.96	332	<100	<100	25.2	48.1	17.2	58.2	--	9.60	<5.00	--
MW19	06/09/10	200.38	19.18	0.00	181.20	<100	<111	<111	3.38	8.00	1.39	7.38	--	49.7	<5.00	--
MW19	09/20/10	200.38	19.02	0.00	181.36	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	27.0	<5.00	--
MW19	09/21/10	200.38	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	12/16/10	200.38	18.51	0.00	181.87	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	43.6	<5.00	--
MW19	03/22/11	200.38	18.14	0.00	182.24	--	--	--	--	--	--	--	--	--	--	--
MW19	03/23/11	200.38	18.11	0.00	182.27	<100	<100	111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	06/08/11 f	209.88	18.21	0.00	191.67	<100	<125	<312	<1.00	<1.00	<1.00	<3.00	--	20.6	5.30	--
MW19	06/09/11	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	09/14/11	209.88	20.13	0.00	189.75	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	60.9	<5.00	--
MW19	09/15/11	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	09/16/11	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	12/01/11	209.88	20.58	0.00	189.30	<100	<105	<263	<1.00	<1.00	<1.00	<3.00	--	54.8	<5.00	--
MW19	12/02/11	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	02/23/12	209.88	20.53	0.00	189.35	--	--	--	--	--	--	--	--	--	--	--
MW19	02/24/12	209.88	20.65	0.00	189.23	<100	<125	<312	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	05/09/12	209.88	26.60	0.00	183.28	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	71.0	<5.00	--
MW19	05/10/12	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	08/14/12	209.88	27.83	0.00	182.05	--	--	--	--	--	--	--	--	--	--	--
MW19	08/15/12	209.88	27.83	0.00	182.05	--	--	--	--	--	--	--	--	--	--	--
MW19	11/12/12	209.88	21.10	0.00	188.78	--	--	--	--	--	--	--	--	--	--	--
MW19	11/13/12	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11/14/12	209.88	21.00	0.00	188.88	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	5.40	<5.00	--
MW19	02/05/13	209.88	20.45	0.00	189.43	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW19	02/06/13	209.88	20.45	0.00	189.43	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	12.0	<5.00	--
MW19	02/07/13	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	05/06/13	209.88	19.93	0.00	189.95	--	--	--	--	--	--	--	--	--	--	--
MW19	05/07/13	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	05/08/13	209.88	20.83	0.00	189.05	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	21.8	<5.00	--
MW19	07/31/13	209.88	20.99	0.00	188.89	--	--	--	--	--	--	--	--	--	--	--
MW19	08/01/13	209.88	19.94	0.00	189.94	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	13.2	<5.00	--
MW19	11/11/13	209.88	21.23	0.00	188.65	--	--	--	--	--	--	--	--	--	--	--
MW19	11/12/13	209.88	21.22	0.00	188.66	<100	182	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	02/10/14	209.88	21.49	0.00	188.39	--	--	--	--	--	--	--	--	--	--	--
MW19	02/11/14	209.88	21.49	0.00	188.39	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	10.7	7.50	--
MW19	05/28/14	209.88	20.64	0.00	189.24	--	--	--	--	--	--	--	--	--	--	--
MW19	05/29/14	209.88	20.64	0.00	189.24	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	37.6	<5.00	--
MW19	08/06/14	209.88	20.86	0.00	189.02	--	--	--	--	--	--	--	--	--	--	--
MW19	08/07/14	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	08/08/14	209.88	20.61	0.00	189.27	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	11/10/14	209.88	19.69	0.00	190.19	--	--	--	--	--	--	--	--	--	--	--
MW19	11/11/14	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11/12/14	209.88	19.71	0.00	190.17	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	02/10/15	209.88	19.94	0.00	189.94	--	--	--	--	--	--	--	--	--	--	--
MW19	02/11/15	209.88	19.09	0.00	190.79	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	21.4	<5.00	--
MW19	06/08/15	209.88	18.64	0.00	191.24	--	--	--	--	--	--	--	--	--	--	--
MW19	06/09/15	209.88	18.64	0.00	191.24	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	11.9	<5.00	--
MW19	09/08/15	209.88	18.76	0.00	191.12	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	5.50	<5.00	--
MW19	09/09/15	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	12/08/15	209.88	18.75	0.00	191.13	110	255	103	<1.00	<1.00	<1.00	<3.00	--	7.50	<5.00	--
MW19	12/09/15	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	03/07/16	209.88	18.11	0.00	191.77	--	--	--	--	--	--	--	--	--	--	--
MW19	03/08/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	03/09/16	209.88	18.10	0.00	191.78	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	06/06/16	209.88	18.19	0.00	191.69	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	06/07/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	06/08/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	08/29/16	209.88	18.65	0.00	191.23	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	08/30/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	08/31/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW19	12/19/16	209.88	18.30	0.00	191.58	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW19	12/20/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	12/21/16	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	02/27/17	209.88	17.94	0.00	191.94	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	02/28/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	03/01/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	03/02/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	04/17/17	209.88	17.49	0.00	192.39	--	--	--	--	--	--	--	--	--	--	--
MW19	04/18/17	209.88	17.50	0.00	192.38	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	05/01/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	05/02/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/18/17	209.88	17.44	0.00	192.44	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	07/19/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/20/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/21/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11/07/17	209.88	18.27	0.00	191.61	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	11/08/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11/09/17	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	02/20/18	209.88	18.05	0.00	191.83	--	--	--	--	--	--	--	--	--	--	--
MW19	02/21/18	209.88	18.10	0.00	191.78	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	02/22/18	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	06/28/18	209.88	17.71	0.00	192.17	<100	200	110	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	06/29/18	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/03/18	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	09/14/18	209.88	18.19	0.00	191.69	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	11/12/18	209.88	18.55	0.00	191.33	--	--	--	--	--	--	--	--	--	--	--
MW19	11/13/18	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11/14/18	209.88	19.55	0.00	190.33	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW19	11/15/18	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	02/13/19	209.88	18.58	0.00	191.30	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW19	04/08/19	209.88	18.22	0.00	191.66	--	--	--	--	--	--	--	--	--	--	--
MW19	04/09/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	04/10/19	209.88	18.25	0.00	191.63	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW19	04/11/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	07/08/19	209.88	18.25	0.00	191.63	--	--	--	--	--	--	--	--	--	--	--
MW19	07/09/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW19	07/10/19	209.88	18.28	0.00	191.60	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	1.08	<1.00	--
MW19	07/11/19	209.88	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 14-34 ft bgs / Total Well Depth 34 ft																
MW20	08/14/12	211.78	18.75	0.00	193.03	<100	338	106	8.32	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	08/15/12	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/12/12	211.78	18.95	0.00	192.83	<100	405	<94.3	9.98	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	11/13/12	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/14/12	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/05/13	211.78	18.16	0.00	193.62	--	--	--	--	--	--	--	--	--	--	--
MW20	02/06/13	211.78	18.18	0.00	193.60	<100	502	111	<1.00	<1.00	<1.00	<3.00	--	20.6	<5.00	--
MW20	02/07/13	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	05/06/13	211.78	19.69	0.00	192.09	<100	589	186	<1.00	<1.00	<1.00	<3.00	--	31.8	6.50	--
MW20	05/07/13	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	05/08/13	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	07/31/13	211.78	20.13	0.00	191.65	<100	451	130	<1.00	<1.00	<1.00	<3.00	--	7.90	<5.00	--
MW20	08/01/13	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/11/13	211.78	20.40	0.00	191.38	<100	651	345	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	11/12/13	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/10/14	211.78	20.53	0.00	191.25	<100	586	345	<1.00	<1.00	<1.00	<3.00	--	5.40	8.30	--
MW20	02/11/14	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	05/28/14	211.78	19.83	0.00	191.95	<100	340	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	05/29/14	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	08/06/14	211.78	19.94	0.00	191.84	<100	416	133	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	08/07/14	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	08/08/14	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/10/14	211.78	19.46	0.00	192.32	--	--	--	--	--	--	--	--	--	--	--
MW20	11/11/14	211.78	19.47	0.00	192.31	<100	342	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	11/12/14	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/10/15	211.78	19.65	0.00	192.13	<100	389	<108	<1.00	<1.00	<1.00	<3.00	--	13.7	<5.00	--
MW20	02/11/15	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	06/08/15	211.78	17.88	0.00	193.90	<100	212	<94.8	<1.00	<1.00	<1.00	<3.00	--	12.4	<5.00	--
MW20	06/09/15	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	09/08/15	211.78	18.53	0.00	193.25	<100	567	127	<1.00	<1.00	<1.00	<3.00	--	7.60	<5.00	--
MW20	09/09/15	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW20	12/08/15	211.78	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	12/09/15	211.78	18.37	0.00	193.41	<100	617	155	<1.00	<1.00	<1.00	<3.00	--	5.20	<5.00	--
MW20	03/07/16	211.78	16.98	0.00	194.80	<100	172	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	03/08/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	03/09/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	06/06/16	211.78	17.33	0.00	194.45	<100	310	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	06/07/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	06/08/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	08/29/16	211.78	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	08/30/16	211.78	18.19	0.00	193.59	<100	225	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW20	08/31/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	12/19/16	211.78	17.27	0.00	194.51	--	--	--	--	--	--	--	--	--	--	--
MW20	12/20/16	211.78	17.37	0.00	194.41	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	63.8	<5.00	--
MW20	12/21/16	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/27/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/28/17	211.78	16.73	0.00	195.05	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	16.8	<10.0	--
MW20	03/01/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	03/02/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	04/17/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	04/18/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	05/01/17	211.78	15.97	0.00	195.81	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW20	05/02/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	07/18/17	211.78	16.48	0.00	195.30	--	--	--	--	--	--	--	--	--	--	--
MW20	07/19/17	211.78	16.63	0.00	195.15	<100	<100	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW20	07/20/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	07/21/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/07/17	211.78	17.85	0.00	193.93	--	--	--	--	--	--	--	--	--	--	--
MW20	11/08/17	211.78	17.85	0.00	193.93	<100	140	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW20	11/09/17	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	02/20/18	211.78	16.80	0.00	194.98	--	--	--	--	--	--	--	--	--	--	--
MW20	02/21/18	211.78	16.81	0.00	194.97	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW20	02/22/18	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	06/28/18	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	06/29/18	211.78	16.85	0.00	194.93	<100	<94	<94	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW20	07/03/18	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	09/12/18	211.78	17.65	0.00	194.13	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	14.2	12.1	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW20	11/12/18	211.78	18.33	0.00	193.45	--	--	--	--	--	--	--	--	--	--	--
MW20	11/13/18	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/14/18	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	11/15/18	211.78	18.31	0.00	193.47	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	14.6	<10.0	--
MW20	02/15/19	211.78	17.78	0.00	194.00	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW20	04/08/19	211.78	17.11	0.00	194.67	--	--	--	--	--	--	--	--	--	--	--
MW20	04/09/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	04/10/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	04/11/19	211.78	17.10	0.00	194.68	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW20	07/08/19	211.78	17.31	0.00	194.47	--	--	--	--	--	--	--	--	--	--	--
MW20	07/09/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	07/10/19	211.78	17.32	0.00	194.46	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
MW20	07/11/19	211.78	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 15-30 ft bgs / Total Well Depth 30 ft

MW21	08/14/12	214.50	17.01	0.00	197.49	--	--	--	--	--	--	--	--	--	--	--
MW21	08/15/12	214.50	17.01	0.00	197.49	290	236	<100	92.2	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
MW21	11/12/12	214.50	18.35	0.00	196.15	--	--	--	--	--	--	--	--	--	--	--
MW21	11/13/12	214.50	18.35	0.00	196.15	380	145	<96.2	110	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	11/14/12	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	02/05/13	214.50	17.53	0.00	196.97	--	--	--	--	--	--	--	--	--	--	--
MW21	02/06/13	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	02/07/13	214.50	17.62	0.00	196.88	132	322	<95.2	19.8	<1.00	<1.00	<3.00	--	7.80	<5.00	--
MW21	05/06/13	214.50	19.33	0.00	195.17	--	--	--	--	--	--	--	--	--	--	--
MW21	05/07/13	214.50	19.40	0.00	195.10	495	294	<95.2	163	<1.00	<1.00	3.16	--	14.2	6.80	--
MW21	05/08/13	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	07/31/13	214.50	20.08	0.00	194.42	--	--	--	--	--	--	--	--	--	--	--
MW21	08/01/13	214.50	20.19	0.00	194.31	352	362	<94.3	86.2	<1.00	<1.00	3.35	--	9.90	<5.00	--
MW21	11/11/13	214.50	20.70	0.00	193.80	--	--	--	--	--	--	--	--	--	--	--
MW21	11/12/13	214.50	20.74	0.00	193.76	214	316	<93.5	64.1	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	02/10/14	214.50	20.26	0.00	194.24	--	--	--	--	--	--	--	--	--	--	--
MW21	02/11/14	214.50	20.28	0.00	194.22	170	538	<94.3	51.5	<1.00	<1.00	<3.00	--	5.00	7.80	--
MW21	05/28/14	214.50	19.42	0.00	195.08	105	210	<103	31.6	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	05/29/14	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	08/06/14	214.50	19.49	0.00	195.01	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
 4557 Brooklyn Avenue Northeast  
 Seattle, Washington

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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW21	08/07/14	214.50	19.47	0.00	195.03	246	381	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	08/08/14	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	11/10/14	214.50	18.62	0.00	195.88	--	--	--	--	--	--	--	--	--	--	--
MW21	11/11/14	214.50	18.60	0.00	195.90	132	322	<108	33.7	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	11/12/14	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	02/10/15	214.50	18.85	0.00	195.65	--	--	--	--	--	--	--	--	--	--	--
MW21	02/11/15	214.50	16.95	0.00	197.55	<100	429	<115	6.38	<1.00	<1.00	<3.00	--	6.90	<5.00	--
MW21	06/08/15	214.50	16.86	0.00	197.64	<100	358	<95.2	1.94	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	06/09/15	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	07/21/15	214.50	17.58	0.00	196.92	<100	248	<93.9	3.61	<1.00	<1.00	<3.00	0.249J	4.00	5.40	--
MW21	09/08/15	214.50	18.12	0.00	196.38	--	--	--	--	--	--	--	--	--	--	--
MW21	09/09/15	214.50	18.08	0.00	196.42	<100	661	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	12/08/15	214.50	17.09	0.00	197.41	--	--	--	--	--	--	--	--	--	--	--
MW21	12/09/15	214.50	17.19	0.00	197.31	<100	1,040	94.4	<1.00	<1.00	<1.00	<3.00	--	5.80	<5.00	--
MW21	03/07/16	214.50	15.60	0.00	198.90	<100	276	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	03/08/16	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	03/09/16	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	06/06/16	214.50	16.24	0.00	198.26	--	--	--	--	--	--	--	--	--	--	--
MW21	06/07/16	214.50	16.38	0.00	198.12	<100	422	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	06/08/16	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	08/29/16	214.50	17.23	0.00	197.27	--	--	--	--	--	--	--	--	--	--	--
MW21	08/30/16	214.50	17.29	0.00	197.21	<100	809	<93.0	<1.00	<1.00	<1.00	<3.00	--	5.50	5.50	--
MW21	08/31/16	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	12/19/16	214.50	15.80	0.00	198.70	--	--	--	--	--	--	--	--	--	--	--
MW21	12/20/16	214.50	15.93	0.00	198.57	<100	460	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW21	12/21/16	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	02/27/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	02/28/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	03/01/17	214.50	15.46	0.00	199.04	<100	160	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW21	03/02/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	04/17/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	04/18/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	05/01/17	214.50	14.97	0.00	199.53	<100	190	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW21	05/02/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	07/18/17	214.50	15.80	0.00	198.70	--	--	--	--	--	--	--	--	--	--	--
MW21	07/19/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW21	07/20/17	214.50	16.00	0.00	198.50	<100	370	<100	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW21	07/21/17	214.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed																
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW22	08/14/12	212.96	16.98	0.00	195.98	<b>1,490</b>	<b>3,100</b>	<b>553</b>	<b>6.47</b>	<1.00	1.70	3.68	--	6.00	<5.00	--
MW22	08/15/12	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/12/12	212.96	17.41	0.00	195.55	--	--	--	--	--	--	--	--	--	--	--
MW22	11/13/12	212.96	17.48	0.00	195.48	<100	<b>1,290</b>	<99.0	1.32	<1.00	<1.00	<3.00	--	5.90	<5.00	--
MW22	11/14/12	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	02/05/13	212.96	16.48	0.00	196.48	--	--	--	--	--	--	--	--	--	--	--
MW22	02/06/13	212.96	16.53	0.00	196.43	<100	<b>965</b>	<95.2	<1.00	<1.00	<1.00	<3.00	--	<b>23.7</b>	<5.00	--
MW22	02/07/13	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	05/06/13	212.96	18.52	0.00	194.44	<100	<b>1,550</b>	115	<1.00	<1.00	<1.00	<3.00	--	<b>28.3</b>	8.00	--
MW22	05/07/13	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	05/08/13	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/31/13	212.96	19.00	0.00	193.96	223	<b>1,970</b>	197	<1.00	<1.00	<1.00	<3.00	--	7.30	<5.00	--
MW22	08/01/13	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/11/13	212.96	19.38	0.00	193.58	--	--	--	--	--	--	--	--	--	--	--
MW22	11/12/13	212.96	19.50	0.00	193.46	<100	<b>1,090</b>	113	<1.00	<1.00	<1.00	<3.00	--	5.40	<5.00	--
MW22	02/10/14	212.96	19.42	0.00	193.54	<100	<b>587</b>	104	<1.00	<1.00	<1.00	<3.00	--	10.6	8.80	--
MW22	02/11/14	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	05/28/14	212.96	18.65	0.00	194.31	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	12.1	<5.00	--
MW22	05/29/14	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	08/06/14	212.96	21.70	0.00	191.26	--	--	--	--	--	--	--	--	--	--	--
MW22	08/07/14	212.96	18.76	0.00	194.20	<100	164	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW22	08/08/14	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/10/14	212.96	18.36	0.00	194.60	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW22	11/11/14	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/12/14	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	02/10/15	212.96	18.47	0.00	194.49	<100	172	<96.2	<1.00	<1.00	<1.00	<3.00	--	8.30	<5.00	--
MW22	02/11/15	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	06/08/15	212.96	16.41	0.00	196.55	<100	262	<99.0	<1.00	<1.00	<1.00	<3.00	--	6.20	<5.00	--
MW22	06/09/15	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	09/08/15	212.96	17.64	0.00	195.32	--	--	--	--	--	--	--	--	--	--	--
MW22	09/09/15	212.96	17.69	0.00	195.27	<100	395	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW22	12/08/15	212.96	16.95	0.00	196.01	--	--	--	--	--	--	--	--	--	--	--
MW22	12/09/15	212.96	17.10	0.00	195.86	<100	876	211	<1.00	<1.00	<1.00	<3.00	--	6.50	<5.00	--
MW22	03/07/16	212.96	15.28	0.00	197.68	<100	388	<95.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW22	03/08/16	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	03/09/16	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	06/06/16	212.96	15.84	0.00	197.12	--	--	--	--	--	--	--	--	--	--	--
MW22	06/07/16	212.96	15.99	0.00	196.97	<100	345	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
MW22	06/08/16	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	08/29/16	212.96	16.72	0.00	196.24	--	--	--	--	--	--	--	--	--	--	--
MW22	08/30/16	212.96	16.85	0.00	196.11	<100	347	<93.0	<1.00	<1.00	<1.00	<3.00	--	7.40	5.70	--
MW22	08/31/16	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	12/19/16	212.96	15.74	0.00	197.22	--	--	--	--	--	--	--	--	--	--	--
MW22	12/20/16	212.96	15.83	0.00	197.13	<100	<94.3	<94.3	1.85	<1.00	<1.00	<3.00	--	10.4	11.4	--
MW22	12/21/16	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	02/27/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	02/28/17	212.96	15.11	0.00	197.85	<100	<94	<94	5.2	<1.0	<1.0	1.9	--	<10.0	<10.0	--
MW22	03/01/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	03/02/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	04/17/17	212.96	14.56	0.00	198.40	<100	92	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW22	04/18/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	05/01/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	05/02/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/18/17	212.96	15.31	0.00	197.65	--	--	--	--	--	--	--	--	--	--	--
MW22	07/19/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/20/17	212.96	15.49	0.00	197.47	<100	100	<100	0.72	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW22	07/21/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/07/17	212.96	16.92	0.00	196.04	--	--	--	--	--	--	--	--	--	--	--
MW22	11/08/17	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/09/17	212.96	16.87	0.00	196.09	<100	320	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW22	02/20/18	212.96	15.18	0.00	197.78	--	--	--	--	--	--	--	--	--	--	--
MW22	02/21/18	212.96	15.22	0.00	197.74	<100	<96	<96	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW22	02/22/18	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	06/28/18	212.96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	06/29/18	212.96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/03/18	212.96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	09/12/18	212.96	16.71	0.00	196.25	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW22	11/12/18	212.96	17.58	0.00	195.38	--	--	--	--	--	--	--	--	--	--	--
MW22	11/13/18	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/14/18	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	11/15/18	212.96	17.57	0.00	195.39	<100	130	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW22	02/15/19	212.96	16.42	0.00	196.54	<100	150	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW22	04/08/19	212.96	15.87	0.00	197.09	--	--	--	--	--	--	--	--	--	--	--
MW22	04/09/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	04/10/19	212.96	15.96	0.00	197.00	<100	180	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW22	04/11/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/08/19	212.96	16.36	0.00	196.60	--	--	--	--	--	--	--	--	--	--	--
MW22	07/09/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	07/10/19	212.96	16.39	0.00	196.57	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW22	07/11/19	212.96	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW23	09/17/18	214.75	17.19	0.00	197.56	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW23	11/12/18	214.75	18.13	0.00	196.62	--	--	--	--	--	--	--	--	--	--	--
MW23	11/13/18	214.75	18.12	0.00	196.63	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW23	11/14/18	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	11/15/18	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	02/14/19	214.75	16.40	0.00	198.35	<100	<91	<91	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW23	04/08/19	214.75	16.01	0.00	198.74	--	--	--	--	--	--	--	--	--	--	--
MW23	04/09/19	214.75	16.09	0.00	198.66	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW23	04/10/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	04/11/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	07/08/19	214.75	16.54	0.00	198.21	--	--	--	--	--	--	--	--	--	--	--
MW23	07/09/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	07/10/19	214.75	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW23	07/11/19	214.75	16.56	0.00	198.19	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW24	09/17/18	214.62	17.10	0.00	197.52	<100	<100	<100	1.4	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW24	11/12/18	214.62	17.98	0.00	196.64	--	--	--	--	--	--	--	--	--	--	--
MW24	11/13/18	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	11/14/18	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW24	11/15/18	214.62	18.00	0.00	196.62	<100	<98	<98	1.5	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW24	02/12/19	214.62	16.49	0.00	198.13	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<50.0	<50.0	--
MW24	04/08/19	214.62	15.92	0.00	198.70	--	--	--	--	--	--	--	--	--	--	--
MW24	04/09/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	04/10/19	214.62	16.00	0.00	198.62	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW24	04/11/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	07/08/19	214.62	16.45	0.00	198.17	--	--	--	--	--	--	--	--	--	--	--
MW24	07/09/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	07/10/19	214.62	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW24	07/11/19	214.62	16.48	0.00	198.14	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW25	09/17/18	215.47	17.96	0.00	197.51	770	1,000	<100	53	4.4	44	120	--	10.8	<10.0	--
MW25	10/26/18	215.47	17.96	0.00	--	1,700	1,300	<100	170	2.1	45	2.5	--	<10.0	<10.0	--
MW25	11/12/18	215.47	18.85	0.00	196.62	--	--	--	--	--	--	--	--	--	--	--
MW25	11/13/18	215.47	19.36	0.00	196.11	1,000	1,100	<100	91	<1.0	9.2	38	--	<10.0	<10.0	--
MW25	11/14/18	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	11/15/18	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	01/28/19	215.47	17.38	0.00	198.09	3,800	650	<96	45	<1.0	4.7	7.2	--	<1.00	<1.00	--
MW25	01/31/19	215.47	17.27	0.00	198.20	550	650	<100	85	1.2	12	59	--	<1.00	<1.00	--
MW25	02/12/19	215.47	17.34	0.00	198.13	<100	140	<100	<1.0	<1.0	<1.0	<1.0	--	<50.0	<50.0	--
MW25	04/08/19	215.47	16.77	0.00	198.70	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW25	04/09/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	04/10/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	04/11/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	07/08/19	215.47	17.30	0.00	198.17	<100	<96	<96	<1.0	<1.0	<1.0	<3.0	--	<1.00	<1.00	--
MW25	07/09/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	07/10/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW25	07/11/19	215.47	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen Interval 15-30 ft bgs / Total Well Depth 30 ft																
MW26	09/17/18	214.84	17.39	0.00	197.45	<100	<98	<98	2.3	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW26	11/12/18	214.84	18.23	0.00	196.61	--	--	--	--	--	--	--	--	--	--	--
MW26	11/13/18	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	11/14/18	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
MW26	11/15/18	214.84	18.25	0.00	196.59	<100	190	110	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MW26	02/14/19	214.84	16.58	0.00	198.26	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW26	04/08/19	214.84	16.19	0.00	198.65	--	--	--	--	--	--	--	--	--	--	--
MW26	04/09/19	214.84	16.28	0.00	198.56	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
MW26	04/10/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	04/11/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	07/08/19	214.84	16.74	0.00	198.10	--	--	--	--	--	--	--	--	--	--	--
MW26	07/09/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	07/10/19	214.84	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MW26	07/11/19	214.84	16.79	0.00	198.05	<100	99	<98	<1.0	<1.0	<1.0	<3.0	--	<5.00	<1.00	--

Screen Interval 5-25 ft bgs / Total Well Depth 25 ft bgs

DPE1	10/19/06 c	NE	19.30	0.00	--	<b>26,000</b>	<b>13,900</b>	<1,050	<b>1,400</b>	<b>1,620</b>	295	<b>6,770</b>	--	--	--	--
DPE1	01/29/07	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	04/27/07	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	09/05/07	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/12/07	NE	21.69	0.00	--	<b>25,700</b>	<b>18,100</b>	<2,860	<b>3,600</b>	<b>1,590</b>	683	<b>2,650</b>	--	<b>110</b>	<5.00	--
DPE1	02/20/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/29/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/21/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/19/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/19/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/19/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/19/08	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/26/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/27/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/12/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/13/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/14/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/03/09	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/25/10	NE	18.64	0.00	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/26/10	NE	18.59	0.00	--	198	<b>1,860</b>	<b>1,200</b>	<b>8.02</b>	10.3	5.94	26.2	--	9.80	5.10	<100
DPE1	06/09/10	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	09/20/10	NE	16.55	0.00	--	<100	<b>1,260</b>	431	1.35	<1.00	<1.00	<3.00	--	5.60	<5.00	<100
DPE1	09/21/10	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels

800/1,000<sup>a</sup> 500 500 5 1,000 700 1,000 20 15 15 N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
DPE1	12/16/10	NE	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/22/11	NE	15.86	0.00	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/23/11	NE	15.78	0.00	--	<100	<b>934</b>	391	<1.00	<1.00	<1.00	<3.00	--	6.00	<5.00	--
DPE1	06/08/11 f	212.50	15.59	0.00	196.91	--	--	--	--	--	--	--	--	--	--	--
DPE1	06/09/11	212.50	15.74	0.00	196.76	<100	<b>884</b>	432	1.76	<1.00	<1.00	<3.00	--	<50.0	<b>18.4</b>	--
DPE1	09/14/11	212.50	19.49	0.00	193.01	--	--	--	--	--	--	--	--	--	--	--
DPE1	09/15/11	212.50	19.51	0.00	192.99	<100	<b>2,290</b>	456	<b>5.29</b>	<1.00	<1.00	<3.00	--	7.50	5.60	--
DPE1	09/16/11	212.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/01/11	212.50	17.62	0.00	194.88	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/02/11	212.50	17.29	0.00	195.21	<100	<b>670</b>	<250	1.16	<1.00	<1.00	<3.00	--	6.30	<5.00	--
DPE1	02/23/12	212.50	16.94	0.00	195.56	182	<b>1,750</b>	<b>687</b>	<b>10.9</b>	1.68	<1.00	5.82	--	<5.00	<5.00	--
DPE1	02/24/12	212.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/09/12	212.50	16.37	0.00	196.13	<100	298	276	1.46	<1.00	<1.00	<3.00	--	<b>53.7</b>	<50.0	--
DPE1	05/10/12	212.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/14/12	212.50	16.51	0.00	195.99	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/15/12	212.50	16.51	0.00	195.99	<100	<b>570</b>	340	2.27	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
DPE1	11/12/12	212.50	17.98	0.00	194.52	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/13/12	212.50	18.05	0.00	194.45	<100	378	<96.2	1.81	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
DPE1	11/14/12	212.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/05/13	212.50	23.95	0.00	188.55	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/06/13	212.50	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/07/13	212.50	17.30	0.00	195.20	125	<b>1,020</b>	281	3.92	<1.00	<1.00	<3.00	--	<b>20.5</b>	<5.00	--
DPE1	05/06/13	212.50	19.10	0.00	193.40	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/07/13	212.50	19.23	0.00	193.27	491	<b>1,800</b>	414	<b>16.2</b>	<1.00	<1.00	3.10	--	<b>21.8</b>	7.20	--
DPE1	05/08/13	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/31/13	212.48	19.49	0.00	192.99	278	<b>1,960</b>	<b>658</b>	<b>5.14</b>	<1.00	<1.00	<3.00	--	11.5	<5.00	--
DPE1	08/01/13	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/11/13	212.48	19.83	0.00	192.65	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/12/13	212.48	19.95	0.00	192.53	<100	<b>1,410</b>	<b>853</b>	<1.00	<1.00	<1.00	<3.00	--	<b>17.5</b>	<5.00	--
DPE1	02/10/14	212.48	19.92	0.00	192.56	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/11/14	212.48	20.03	0.00	192.45	<100	<b>1,290</b>	<b>1,110</b>	1.44	<1.00	<1.00	<3.00	--	13.2	<5.00	--
DPE1	05/28/14	212.48	19.17	0.00	193.31	<500	<b>1,900</b>	201	<5.00	<5.00	<5.00	<15.0	--	<50.0	<5.00	--
DPE1	05/29/14	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/06/14	212.48	19.20	0.00	193.28	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/07/14	212.48	19.24	0.00	193.24	203	<b>4,100</b>	<b>1,160</b>	<b>8.87</b>	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
DPE1	08/08/14	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
DPE1	11/10/14	212.48	18.99	0.00	193.49	<1,000	3,100	1,020	<10.0	<10.0	<10.0	<30.0	--	<5.00	<5.00	--
DPE1	11/11/14	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/12/14	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/10/15	212.48	19.24	0.00	193.24	<100	1,110	315	1.23	<1.00	<1.00	<3.00	--	8.00	<5.00	--
DPE1	02/11/15	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	06/08/15	212.48	16.97	0.00	195.51	<100	1,750	511	<1.00	<1.00	<1.00	<3.00	--	39.2	<5.00	--
DPE1	06/09/15	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/21/15	212.48	17.47	0.00	195.01	<500	1,800	550	<1.00	<1.00	<1.00	<3.00	<1.00	5.80	7.00	--
DPE1	09/08/15	212.48	17.86	0.00	194.62	<100	1,760	706	<1.00	<1.00	<1.00	<3.00	--	18.8	5.00	--
DPE1	09/09/15	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/08/15	212.48	17.41	0.00	195.07	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/09/15	212.48	17.53	0.00	194.95	<100	1,940	891	<1.00	<1.00	<1.00	<3.00	--	32.1	5.60	--
DPE1	03/07/16	212.48	15.91	0.00	196.57	<100	680	158	<1.00	1.05	<1.00	<3.00	--	<5.00	<5.00	--
DPE1	03/08/16	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/09/16	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	06/06/16	212.48	16.30	0.00	196.18	--	--	--	--	--	--	--	--	--	--	--
DPE1	06/07/16	212.48	16.44	0.00	196.04	<500	3,220	1,860	<1.00	<1.00	<1.00	<3.00	--	5.50	<5.00	--
DPE1	06/08/16	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/29/16	212.48	17.16	0.00	195.32	--	--	--	--	--	--	--	--	--	--	--
DPE1	08/30/16	212.48	18.39	0.00	194.09	<500	1,140	482	<1.00	<1.00	<1.00	<3.00	--	10.8	6.00	--
DPE1	08/31/16	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/19/16	212.48	14.87	0.00	197.61	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/20/16	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	12/21/16	212.48	16.61	0.00	195.87	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	32.1	29.0n	--
DPE1	02/27/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/28/17	212.48	15.88	0.00	196.60	<100	<100	<100	<1.0	<2.0	<2.0	<2.0	--	<10.0	<10.0	--
DPE1	03/01/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	03/02/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	04/17/17	212.48	15.08	0.00	197.40	<100	99	<91	1.6	<2.0	<2.0	<2.0	--	<10.0	<10.0	--
DPE1	04/18/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/01/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	05/02/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/18/17	212.48	15.78	0.00	196.70	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/19/17	212.48	15.87	0.00	196.61	<100	230	<100	4.5	5.7	<1.0	6.6	--	<10.0	<10.0	--
DPE1	07/20/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/21/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
DPE1	11/07/17	212.48	17.27	0.00	195.21	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/08/17	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/09/17	212.48	17.21	0.00	195.27	<100	250	<91	1.8	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	02/20/18	212.48	15.93	0.00	196.55	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/21/18	212.48	16.00	0.00	196.48	<100	<94	<94	2.5	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	02/22/18	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	06/28/18	212.48	16.09	0.00	196.39	<100	220	<94	3.5	2.6	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	06/29/18	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/03/18	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	09/12/18	212.48	16.96	0.00	195.52	<100	120	<98	5.6	1.8	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	10/26/18	212.48	NM	0.00	--	<100	240	<91	4.1	1.7	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	11/12/18	212.48	17.75	0.00	194.73	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/13/18	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	11/14/18	212.48	17.81	0.00	194.67	<100	400	220	4.7	1.4	<1.0	<1.0	--	<10.0	<10.0	--
DPE1	11/15/18	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	02/15/19	212.48	17.10	0.00	195.38	<100	160	<100	<1.0	<1.0	<1.0	<1.0	--	1.24	<1.00	--
DPE1	04/08/19	212.48	16.47	0.00	196.01	--	--	--	--	--	--	--	--	--	--	--
DPE1	04/09/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	04/10/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	04/11/19	212.48	16.47	0.00	196.01	<100	180	<100	<1.0	<1.0	<1.0	<1.0	--	<1.00	<1.00	--
DPE1	07/08/19	212.48	16.69	0.00	195.79	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/09/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE1	07/10/19	212.48	16.74	0.00	195.74	<100	170	<98	1.2	<1.0	<1.0	<3.0	--	<5.00	<1.00	--
DPE1	07/11/19	212.48	NM	--	--	--	--	--	--	--	--	--	--	--	--	--

Screen Interval 17-27 ft bgs / Total Well Depth 30 ft

RW1	03/30/95	203.72	13.65	0.02	190.09	NAPL Present										
RW1	01/24/96	203.72	13.72	0.60	190.48	NAPL Present										
RW1	04/17/96	203.72	13.89	0.49	190.22	NAPL Present										
RW1	07/24/96	203.72	14.54	0.52	189.60	NAPL Present										
RW1	01/15/97	203.72	13.40	0.87	191.02	NAPL Present										
RW1	03/29/97	203.72	14.65	0.00	189.07	--	--	--	--	--	--	--	--	--	--	--
RW1	06/18/97	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/24/97	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/10/97	203.72	15.08	0.00	188.64	--	--	--	--	--	--	--	--	--	--	--

MTCA Method A Cleanup Levels	800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A
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**TABLE 3  
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
RW1	03/10/98	203.72	14.25	0.00	189.47	--	--	--	--	--	--	--	--	--	--	--
RW1	05/22/98	203.72	14.04	0.00	189.68	--	--	--	--	--	--	--	--	--	--	--
RW1	06/05/98	203.72	14.17	0.00	189.55	--	--	--	--	--	--	--	--	--	--	--
RW1	09/21/98	203.72	16.75	0.00	186.97	--	--	--	--	--	--	--	--	--	--	--
RW1	12/15/98	203.72	15.25	0.00	188.47	--	--	--	--	--	--	--	--	--	--	--
RW1	02/26/99	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	04/21/99	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/13/99	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/23/99	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/07/00	203.72	14.82	0.00	188.90	--	--	--	--	--	--	--	--	--	--	--
RW1	05/15/00	203.72	14.50	0.00	189.22	--	--	--	--	--	--	--	--	--	--	--
RW1	08/02/00	203.72	14.99	0.00	188.73	<b>25,000</b>	--	--	<b>9,400</b>	<b>2,300</b>	<b>1,200</b>	<b>4,400</b>	--	<b>18.4</b>	<b>5.9</b>	--
RW1	11/10/00	203.72	17.65	0.00	186.07	<b>47,000</b>	--	--	<b>26,000</b>	<b>5,300</b>	<b>1,600</b>	<b>7,000</b>	<50	<b>22.8</b>	<b>23.0</b>	--
RW1	06/26/01	203.72	14.80	0.00	188.92	<b>21,000</b>	<b>1,000</b>	<400	<b>13,000</b>	<b>1,200</b>	<b>1,200</b>	<b>4,300</b>	<50	--	--	--
RW1	09/27/01	203.72	15.49	0.00	188.23	<b>21,000</b>	<b>2,300</b>	<380	<b>5,200</b>	<b>570</b>	<b>1,200</b>	<b>3,300</b>	<20	--	--	--
RW1	12/06/01	203.72	14.85	0.00	188.87	<b>17,000</b>	<b>2,000</b>	<250	<b>9,100</b>	<b>1,300</b>	<b>810</b>	<b>3,300</b>	<50	--	--	--
RW1	03/28/02	203.72	14.22	0.00	189.50	<b>43,700</b>	<b>3,520</b>	<1,000	<b>11,100</b>	<b>740</b>	<b>1,240</b>	<b>3,240</b>	<100	--	--	--
RW1	09/30/02	203.72	15.60	0.00	188.12	<b>19,700</b>	<b>1,390</b>	<1,000	<b>7,000</b>	<b>112</b>	<b>474</b>	<b>838</b>	--	--	--	--
RW1	03/25/03	203.72	15.10	0.00	188.62	<b>31,500</b>	<b>3,100</b>	<100	<b>5,630</b>	<b>404</b>	<b>474</b>	<b>839</b>	<b>113</b>	--	--	--
RW1	10/17/03	203.72	15.70	0.00	188.02	<b>38,900</b>	<b>2,900</b>	<100	<b>9,740</b>	<b>104</b>	<b>894</b>	<b>816</b>	<b>54.0</b>	--	--	--
RW1	04/13/04	203.72	14.01	<b>Trace</b>	189.71	<b>27,600</b>	<b>1,730</b>	<111	<b>6,320</b>	<b>800</b>	<b>935</b>	<b>2,720</b>	--	--	--	--
RW1	11/11/04	203.72	14.73	0.00	188.99	<b>36,800</b>	<b>3,570</b>	<500	<b>7,820</b>	<b>430</b>	<b>1,380</b>	<b>2,260</b>	--	--	--	--
RW1	05/11/05	203.72	18.75	<b>Trace</b>	184.97	<b>120,000</b>	<b>71,500</b>	<b>8,900</b>	<b>11,900</b>	<b>14,400</b>	<b>3,340</b>	<b>16,100</b>	--	--	--	--
RW1	04/05/06	203.72	16.81	0.00	186.91	--	--	236	<b>15,500</b>	<b>820</b>	<b>1,730</b>	<b>3,170</b>	--	--	--	--
RW1	10/19/06	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	01/29/07	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	04/27/07	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/05/07	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/12/07	203.72	20.07	0.00	183.65	<b>4,430</b>	<b>669</b>	<97.1	<b>1,250</b>	<b>15.2</b>	<b>138</b>	<b>148</b>	--	<5.00	<5.00	--
RW1	02/20/08	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/29/08	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/21/08	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/19/08	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/26/09	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/27/09	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/12/09	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
RW1	08/13/09	203.72	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/14/09	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/03/09	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/25/10	203.72	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/26/10	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	06/09/10	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/20/10	203.72	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/21/10	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/16/10	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/22/11	203.72	15.92	0.00	187.80	--	--	--	--	--	--	--	--	--	--	--
RW1	03/23/11	203.72	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	06/08/11 f	214.41	15.47	0.00	198.94	--	--	--	--	--	--	--	--	--	--	--
RW1	06/09/11	214.41	15.52	0.00	198.89	<100	<98.0	<245	<1.00	<1.00	<1.00	<3.00	--	21.0	<5.00	--
RW1	09/14/11	214.41	16.70	0.00	197.71	--	--	--	--	--	--	--	--	--	--	--
RW1	09/15/11	214.41	16.66	0.00	197.75	<100	<97.1	<243	<1.00	<1.00	<1.00	<3.00	--	264	<5.00	--
RW1	09/16/11	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/01/11	214.41	16.64	0.00	197.77	--	--	--	--	--	--	--	--	--	--	--
RW1	12/02/11	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/23/12	214.41	17.34	0.00	197.07	--	--	--	--	--	--	--	--	--	--	--
RW1	02/24/12	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/09/12	214.41	18.34	0.00	196.07	--	--	--	--	--	--	--	--	--	--	--
RW1	05/10/12	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/14/12	214.41	18.42	0.00	195.99	--	--	--	--	--	--	--	--	--	--	--
RW1	08/15/12	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/12/12	214.41	17.98	0.00	196.43	--	--	--	--	--	--	--	--	--	--	--
RW1	11/13/12	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/14/12	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/05/13	214.41	17.42	0.00	196.99	--	--	--	--	--	--	--	--	--	--	--
RW1	02/06/13	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/07/13	214.41	17.37	0.00	197.04	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	68.0	<5.00	--
RW1	05/06/13	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/07/13	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/08/13	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	07/31/13	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/01/13	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/11/13	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
RW1	11/12/13	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/10/14	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/11/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/28/14	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/29/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/06/14	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/07/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/08/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/10/14	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/11/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/12/14	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/10/15	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/11/15	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	06/08/15	214.41	16.35	0.00	198.06	--	--	--	--	--	--	--	--	--	--	--
RW1	06/09/15	214.41	16.35	0.00	198.06	<100	189	663	<1.00	<1.00	<1.00	<3.00	--	21.9	<5.00	--
RW1	07/21/15	214.41	16.94	0.00	197.47	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	<1.00	2.30	<5.00	--
RW1	09/08/15	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	09/09/15	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/08/15	214.41	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/09/15	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/07/16	214.41	15.04	0.00	199.37	<100	<95.7	<95.7	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
RW1	03/08/16	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/09/16	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	06/06/16	214.41	15.69	0.00	198.72	--	--	--	--	--	--	--	--	--	--	--
RW1	06/07/16	214.41	15.69	0.00	198.72	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
RW1	06/08/16	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/29/16	214.41	16.55	0.00	197.86	--	--	--	--	--	--	--	--	--	--	--
RW1	08/30/16	214.41	16.56	0.00	197.85	<100	<93.5	<93.5	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	<100
RW1	08/31/16	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/19/16	214.41	15.11	0.00	199.30	--	--	--	--	--	--	--	--	--	--	--
RW1	12/20/16	214.41	15.34	0.00	199.07	<100	132	395	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
RW1	12/21/16	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/27/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/28/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/01/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/02/17	214.41	14.63	0.00	199.78	<100	<91	120	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**

Former Mobil Station 99D9T  
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Well ID	Sampling Date	Wellhead Elev (feet)	DTW (ft bgs)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)	Ethanol (µg/L)
RW1	04/17/17	214.41	15.42	0.00	198.99	--	--	--	--	--	--	--	--	--	--	--
RW1	04/18/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	05/01/17	214.41	14.30	0.00	200.11	<100	<91	<91	<0.50	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
RW1	05/02/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	07/18/17	214.41	15.48	0.00	198.93	--	--	--	--	--	--	--	--	--	--	--
RW1	07/19/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
RW1	07/20/17	214.41	15.41	0.00	199.00	<100	<100	<100	0.58	<1.0	<1.0	<1.0	--	<10.0	<10.0	--
RW1	07/21/17	214.41	NM	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B24	07/16/12	NE	18	0.00	--	<100	477	165	<1.00	<1.00	<1.00	<3.00	--	9.20	<5.00	--
Destroyed																
Screen Interval 30-35 ft bgs / Total Well Depth 35 ft																
B25	07/17/12	NE	18	0.00	--	<b>4,740</b>	<94.3	<94.3	<b>15.2</b>	<1.00	2.36	117	--	9.30	<5.00	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B26	07/17/12	NE	17	0.00	--	143	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	7.00	<5.00	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B27	07/17/12	NE	17	0.00	--	298	<b>851</b>	114	3.23	<1.00	<1.00	<3.00	--	11.20	<5.00	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B29	07/21/12	NE	14	0.00	--	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B30	07/18/12	NE	15	0.00	--	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<b>74.9</b>	<5.00	--
Destroyed																
Screen Interval 25-30 ft bgs / Total Well Depth 30 ft																
B31	07/19/12	NE	18	0.00	--	352	279	<98.0	<1.00	<1.00	4.21	23.2	--	<b>52.7</b>	<5.00	--
Destroyed																
MTCA Method A Cleanup Levels						800/1,000 <sup>a</sup>	500	500	5	1,000	700	1,000	20	15	15	N/A

**TABLE 3**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
Former Mobil Station 99D9T  
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**EXPLANATION:**

µg/L = Micrograms per Liter

ft bgs = Feet below ground surface

DTW = Depth to water in feet below top of casing

NAPL = Non-aqueous Phase Liquid thickness in feet

GW Elev = Groundwater elevation relative to top of casing elevation

Groundwater elevation corrected for presence of NAPL = (top of casing elevation - depth to water) + (NAPL\*0.75)

NM = Not Measured; N/A = Not Applicable; -- = Not analyzed or sampled

Wellhead elevations prior to 03/22/11, for MW1 through KMW11, were taken from prior consultants' reports

Data collected prior to 01/2001 was taken from prior consultants' reports

TPHg = Total Petroleum Hydrocarbons as Gasoline analyzed in accordance with Ecology Method WTPH-G or NWTPH-Gx. Refer to laboratory analytical reports.

TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Motor Oil, respectively, analyzed in accordance with Ecology Method NWTPH-D

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds analyzed in accordance with EPA Method 8020, 8021B, 8260B, 8260C or 6020. Refer to laboratory analytical reports.

MTBE = Methyl Tert-Butyl Ether analyzed in accordance with EPA Method 8020, 8210B, or 8260B. Refer to laboratory analytical reports.

Total Pb = Total Lead; Diss Pb = Dissolved Lead; Total and Dissolved Lead analyzed in accordance with EPA Method 239.2, 7421, 6010B, 6010C, or 6020. Refer to laboratory analytical reports.

Ethanol analyzed in accordance with EPA Method 8260B or 8260C. Refer to laboratory analytical reports.

< = Less than stated laboratory reporting limit

Shaded values equal or exceed MTCA Method A Cleanup Levels

a = TPHg cleanup level for groundwater is 800 ug/L if benzene is present, or 1,000 ug/L if benzene is not present

b = Samples KMW9, KMW10, and KMW11 identified as RW9, RW10, and RW11, respectively, on the laboratory analytical report

c = Sample identified as MW9 on the laboratory analytical report

d = Samples identified as MW10 and MW11 on the laboratory analytical report

e = Monitoring wells MW6 and MW7 were sampled 02/27/09, but were not reported due to mislabeling of sample containers

f = Wellhead elevations were resurveyed on 03/22/11 by Cardno using NAVD 88

g = Wellhead elevation for monitoring well MW3 was recalculated by Cardno following 01/30/12 well repair

h = TPHmo result inconsistent with historical data. Sample was re-extracted past hold time and yielded the reported nondetect value. See laboratory report for initial and re-extraction results.

i = Ethanol was detected during initial sampling round, re-sampling indicated no ethanol was detected

J = An estimated value between the method detection limit and the laboratory reporting limit

k = Wellhead elevation for well DPE1 adjusted to account for well casing repair on 05/08/13

l = Sample volumes for TPHd and TPHmo analysis were lost in transport; analysis could not be run

m = TPHd and TPHmo sample concentrations from the 02/10/15 sampling event were elevated compared to historical data. A supplemental sampling event was conducted on 04/13/15, which included collecting a no-purge grab sample and a sample following 3.25 hours of purging. Results indicate the 02/10/15 concentrations are anomalous and the post-purge results are representative of current TPHd and TPHmo concentrations in groundwater collected from MW15A. Post-purge depth to water at sample time was 22.20 ft bgs.

n = Increase in dissolved lead is believed to be attributed to the in-situ chemical oxidation injection event conducted on November 16, 2016

o = Well MW15A was over-purged, monitored, and resampled due to an anomalous concentration of TPHmo, believed to be caused by surface runoff due to snowmelt infiltrating the well vault during sample collection on 02/13/19

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW1	03/09/16	7,860	<100	7,800a	309	135	0.0689b	7.00b	397a,b	<100c	1,370	30,000	<20,000a	8,780a,b	<1,000	125
MW1	06/07/16	--	--	--	--	--	0.569	7.21	274	--	--	--	--	2,190	--	--
MW1	08/30/16	--	--	--	--	--	1.750	7.22	65.0	--	--	--	--	1,750	--	--
MW1	12/21/16	--	--	--	--	--	0.110	7.57	213	--	100,000	--	--	1,360	--	--
MW1	03/01/17	--	--	--	--	--	0.955	7.49	32.0	--	200,000	--	--	2,180	--	--
MW1	05/02/17	22,700	1,870	--	1,880	1,780	1.44	7.55	225	1,900	770,000b	234,000	38,100	1,360	<50	35.6
MW1	07/20/17	--	--	--	--	--	1.15	7.66	-69	--	--	--	--	1,790	--	--
	Destroyed															
MW2	03/07/16	--	--	--	--	--	0.486	6.80	46.3	--	--	--	--	1,150	--	--
MW2	06/08/16	--	--	--	--	--	0.488	7.46	318	--	--	--	--	4,110	--	--
MW2	08/31/16	--	--	--	--	--	0.493	6.98	340	--	--	--	--	1,840	--	--
MW2	12/20/16	--	--	--	--	--	0.499	7.64	322	--	--	--	--	1,470	--	--
MW2	03/02/17	--	--	--	--	--	0.448	7.68	326	--	--	--	--	2,020	--	--
MW2	05/01/17	183	<100	--	215	10.1	0.407	7.82	325	2,500	20,000	151,000	8,410	2,220	<50	<1.00
MW2	07/21/17	--	--	--	--	--	0.411	8.05	341	--	--	--	--	2,190	--	--
MW2	11/09/17	--	--	--	--	--	1.40	9.88	172	--	--	--	--	2,500	--	--
MW2	02/22/18	--	--	--	--	--	0.425	8.41	253	--	--	--	--	3,050	--	--
	Destroyed															
MW3	03/07/16	--	--	--	--	--	0.617	6.93	251	--	--	--	--	4,670	--	--
MW3	06/07/16	--	--	--	--	--	0.552	6.95	229	--	--	--	--	3,690	--	--
MW3	08/31/16	--	--	--	--	--	0.549	6.90	334	--	--	--	--	2,330	--	--
MW3	12/20/16	--	--	--	--	--	0.557	8.02	287	--	20,000	--	--	1,610	--	--
MW3	03/02/17	--	--	--	--	--	0.511	7.62	317	--	--	--	--	2,230	--	--
MW3	05/01/17	--	--	--	--	--	0.472	7.72	351	--	--	--	--	1,350	--	--
MW3	07/21/17	--	--	--	--	--	0.440	7.87	375	--	--	--	--	3,110	--	--
	Destroyed															
MW4	03/07/16	--	--	--	--	--	0.811	6.65	88.7	--	--	--	--	1,740	--	--
MW4	06/07/16	--	--	--	--	--	0.580	6.90	180	--	--	--	--	3,140	--	--
MW4	08/29/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	12/20/16	--	--	--	--	--	0.606	7.24	330	--	--	--	--	1,930	--	--
MW4	03/02/17	--	--	--	--	--	0.699	7.37	329	--	--	--	--	1,840	--	--
MW4	05/02/17	--	--	--	--	--	0.690	7.60	8	--	--	--	--	1,980	--	--
MW4	07/21/17	--	--	--	--	--	0.600	7.73	371	--	--	--	--	2,130	--	--
	Destroyed															

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW5	03/09/16	2,500	<100	572a	2,340	1,840	0.581b	7.55b	398a,b	<100c	15,400	244,000	21,200a	9,090a,b	<1,000	33.6
MW5	06/07/16	--	--	--	--	--	0.552	7.00	197	--	--	--	--	4,130	--	--
MW5	08/30/16	--	--	--	--	--	0.589	6.91	164	--	--	--	--	1,900	--	--
MW5	12/21/16	--	--	--	--	--	14.6	7.38	253	--	120,000	--	--	1,680	--	--
MW5	03/01/17	--	--	--	--	--	2.16	7.15	243	--	80,000	--	--	2,280	--	--
MW5	05/02/17	500	160	--	1,100	925	1.85	7.35	340	11,100	490,000b	157,000	69,000	2,10	<50	39.1
MW5	07/20/17	--	--	--	--	--	0.712	7.38	196	--	--	--	--	2,140	--	--
MW5	11/09/17	--	--	--	--	--	23.3	7.23	256	--	--	--	--	2,990	--	--
MW5	02/21/18	--	--	--	--	--	12.7	5.79	267	--	--	--	--	1,330	--	--
MW5	07/03/18	--	--	--	--	--	3.912	5.81	345	--	--	--	--	210	--	--
MW5	09/12/18	--	--	--	--	--	3.499	6.31	134.5	--	--	--	--	600	--	--
MW5	11/12/18	--	--	--	--	--	2.10	5.81	376.9	--	--	--	--	3,020	--	--
MW5	02/14/19	--	--	--	--	--	0.566	6.24	251.2	--	--	--	--	2,780	--	--
MW5	04/10/19	--	--	--	--	--	0.381	6.46	295.3	--	--	--	--	2,940	--	--
MW5	07/11/19	--	--	--	--	--	0.475	6.27	201.0	--	--	--	--	880	--	--
MW6	03/09/16	3,710	603	3,140a	787	674	0.0863b	6.62b	405a,b	152c	2,670	26,600	<20,000a	7,330a,b	<1,000	41.6
MW6	06/08/16	--	--	--	--	--	0.126	6.85	278	--	--	--	--	2,170	--	--
MW6	08/30/16	--	--	--	--	--	0.358	6.58	-6.00	--	--	--	--	1,910	--	--
MW6	12/21/16	--	--	--	--	--	0.083	8.42	224	--	40,000	--	--	1,860	--	--
MW6	03/01/17	--	--	--	--	--	0.061	7.89	222	--	80,000	--	--	3,090	--	--
MW6	05/01/17	4,210	808	--	1,210	1010	0.063	7.68	282	200	16,000b	23,000	7,130	1,970	<50	4.46
MW6	07/20/17	--	--	--	--	--	0.515	7.62	-194	--	--	--	--	2,010	--	--
MW6	11/09/17	--	--	--	--	--	1.40	9.88	172	--	--	--	--	2,500	--	--
MW6	02/22/18	--	--	--	--	--	1.34	8.12	238	--	--	--	--	2,110	--	--
MW6	07/03/18	--	--	--	--	--	1.170	6.97	337	--	--	--	--	250	--	--
MW6	09/17/18	9,010	332	<100d	1,300	577	1.249	7.78	236.7	<100	240,000b	300,000	26,000d	170	<200	1,070
MW6	11/13/18	2,280	177	<100	585	384	1.260	7.89	334.2	<100	65,000b	300,000	160,000c	350	<200	804
MW6	02/12/19	3,130	<500	<100	1,120	786	0.74	7.13	138.6	<100	36,000b	280,000	44,100	210	<200	349
MW6	04/08/19	1,550	140	<100	1,090	829	0.78	7.08	310.5	<100	74,000b	220,000	32,700	220	<200	327
MW6	07/08/19	2,970	547	<100a	667	417	0.74	6.81	234.0	<100	63,000b	271,000	17,000	170	<200	470
MW7	03/07/16	--	--	--	--	--	0.329	6.71	206	--	--	--	--	3,490	--	--
MW7	06/07/16	--	--	--	--	--	0.269	6.93	247	--	--	--	--	2,630	--	--
MW7	08/30/16	--	--	--	--	--	0.311	6.66	131	--	--	--	--	1,920	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW7	12/21/16	--	--	--	--	--	0.742	7.08	275	--	80,000	--	--	2,980	--	--
MW7	03/01/17	--	--	--	--	--	1.79	6.85	248	--	>200,000	--	--	1,910	--	--
MW7	05/02/17	--	--	--	--	--	0.466	7.52	333	--	40,000	--	--	1,770	--	--
MW7	07/20/17	--	--	--	--	--	0.429	7.53	43	--	--	--	--	2,100	--	--
	Destroyed															
MW8	03/09/16	103	<100	<100a	35.2	<15.0	0.205b	7.49b	403a,b	2,860c	5,300	70,600	<20,000a	9,500a,b	<1,000	<5.00
MW8	06/07/16	--	--	--	--	--	0.197	7.20	262	--	--	--	--	2,750	--	--
MW8	08/31/16	--	--	--	--	--	0.233	6.62	361	--	--	--	--	3,460	--	--
MW8	12/20/16	--	--	--	--	--	0.214	7.67	304	--	--	--	--	3,750	--	--
MW8	03/02/17	--	--	--	--	--	0.207	7.74	322	--	--	--	--	2,670	--	--
MW8	05/01/17	<100	<100	--	25.3	<5.00	0.213	8.06	312	3,100	9,000	77,000	5,090	2,780	<50	490
MW8	07/21/17	--	--	--	--	--	0.254	8.43	338	--	--	--	--	2,430	--	--
MW8	11/09/17	--	--	--	--	--	0.231	8.71	240	--	--	--	--	2,350	--	--
MW8	02/22/18	--	--	--	--	--	0.221	8.03	275	--	--	--	--	4,560	--	--
MW8	06/29/18	--	--	--	--	--	0.394	7.17	277	--	--	--	--	130	--	--
MW8	09/14/18e	4,820	<100	--	225	<5.00	0.286	7.33	213	--	--	--	--	220	<200	<1.00
MW8	09/17/18	--	--	<100c	--	--	--	--	--	700	23,000b	100,000	25,000c	--	--	--
MW8	11/13/18	38,300	<100	<100	1,390	62.8	0.486	7.25	232.8	<100	52,000b	190,000	63,000	290	<200	3.06
MW8	02/12/19	734	<500	<100	110	<50.0	0.551	7.26	132.1	370	75,000b	210,000	19,900	2,370	<200	<1.00
MW8	04/08/19	524	<50.0	<100	81.6	1.81	0.524	7.81	279.6	430	60,000b	150,000	16,300	2,820	<200	<1.00
MW8	07/08/19	236	<50.0	<100a	109	36.9	0.548	7.31	207.6	<100	61,000b	224,000	6,700	170	<200	1.1
KMW9	03/07/16	--	--	--	--	--	0.638	7.60	--	--	--	--	--	3,570	--	--
KMW9	06/07/16	--	--	--	--	--	0.579	7.64	265	--	--	--	--	4,060	--	--
KMW9	08/30/16	--	--	--	--	--	0.621	7.28	172	--	--	--	--	2,190	--	--
KMW9	12/21/16	--	--	--	--	--	0.603	7.07	74.0	--	20,000	--	--	2,200	--	--
KMW9	02/28/17	--	--	--	--	--	0.594	7.78	171	--	<20,000	--	--	1,680	--	--
KMW9	05/02/17	--	--	--	--	--	0.565	8.17	304	--	--	--	--	2,640	--	--
KMW9	07/19/17	--	--	--	--	--	0.634	8.49	-124	--	--	--	--	2,230	--	--
KMW9	11/08/17	--	--	--	--	--	0.875	8.36	111	--	--	--	--	2,110	--	--
KMW9	02/21/18	--	--	--	--	--	1.24	8.44	173	--	--	--	--	1,680	--	--
KMW9	06/29/18	--	--	--	--	--	1.211	7.53	-36	--	--	--	--	170	--	--
KMW9	09/12/18	--	--	--	--	--	1.159	7.61	-44.5	--	--	--	--	190	--	--
KMW9	11/15/18	--	--	--	--	--	1.16	7.16	105.1	--	--	--	--	240	--	--
KMW9	02/15/19	--	--	--	--	--	1.38	7.31	212.0	--	--	--	--	330	--	--

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Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
KMW9	04/10/19	--	--	--	--	--	1.09	7.30	308.8	--	--	--	--	250	--	--
KMW9	07/10/19	--	--	--	--	--	1.06	7.46	164.6	--	--	--	--	330	--	--
KMW10	03/08/16	--	--	--	--	--	0.149	6.96	307	--	--	--	--	3,280	--	--
KMW10	06/06/16	--	--	--	--	--	0.150	7.34	45.0	--	--	--	--	4,850	--	--
KMW10	08/30/16	--	--	--	--	--	0.163	6.74	235	--	--	--	--	2,080	--	--
KMW10	12/19/16	--	--	--	--	--	0.180	7.40	318	--	<20,000	--	--	1,600	--	--
KMW10	02/27/17	--	--	--	--	--	0.183	7.67	262	--	--	--	--	1,580	--	--
KMW10	04/17/17	--	--	--	--	--	0.174	7.95	259	--	--	--	--	2,590	--	--
KMW10	07/18/17	--	--	--	--	--	0.184	8.13	216	--	<20,000	--	--	1,890	--	--
KMW10	11/08/17	--	--	--	--	--	0.201	8.12	226	--	<20,000	--	--	2,700	--	--
KMW10	02/20/18	--	--	--	--	--	0.209	8.49	199	--	120,000	--	--	1,910	--	--
KMW10	06/28/18	--	--	--	--	--	0.206	7.01	289	--	--	--	--	220	--	--
KMW10	09/13/18	--	--	--	--	--	0.220	7.16	37.6	--	--	--	--	180	--	--
KMW10	11/12/18	--	--	--	--	--	0.213	6.92	206.8	--	--	--	--	280	--	--
KMW10	02/13/19	--	--	--	--	--	0.388	7.56	159.6	--	--	--	--	920	--	--
KMW10	04/08/19	--	--	--	--	--	0.241	7.08	292.6	--	--	--	--	1,050	--	--
KMW10	07/09/19	--	--	--	--	--	0.271	6.90	225.4	--	--	--	--	190	--	--
KMW11	03/07/16	--	--	--	--	--	0.657	7.18	28.1	--	--	--	--	1,550	--	--
KMW11	06/06/16	--	--	--	--	--	0.642	7.33	282	--	--	--	--	5,850	--	--
KMW11	08/29/16	--	--	--	--	--	0.614	6.52	326	--	--	--	--	1,870	--	--
KMW11	12/19/16	--	--	--	--	--	0.610	7.50	313	--	--	--	--	3,630	--	--
KMW11	02/27/17	--	--	--	--	--	0.595	7.60	244	--	--	--	--	1,810	--	--
KMW11	04/17/17	--	--	--	--	--	0.585	8.00	251	--	--	--	--	2,550	--	--
KMW11	07/18/17	--	--	--	--	--	0.593	8.14	141	--	<20,000	--	--	2,160	--	--
KMW11	11/07/17	--	--	--	--	--	0.648	7.90	179	--	<20,000	--	--	2,400	--	--
KMW11	02/21/18	--	--	--	--	--	0.555	8.43	252	--	100,000	--	--	1,940	--	--
KMW11	06/29/18	--	--	--	--	--	0.542	7.32	279	--	--	--	--	130	--	--
KMW11	09/14/18	--	--	--	--	--	0.445	7.19	2.3	--	--	--	--	500	--	--
KMW11	11/14/18	--	--	--	--	--	0.347	6.75	313.6	--	--	--	--	1,880	--	--
KMW11	02/14/19	--	--	--	--	--	0.479	7.07	213.1	--	--	--	--	160	--	--
KMW11	04/09/19	--	--	--	--	--	0.472	7.58	262.1	--	--	--	--	250	--	--
KMW11	07/08/19	--	--	--	--	--	0.470	7.05	240.0	--	--	--	--	220	--	--

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Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW12A	03/09/16	--	--	--	--	--	0.230	6.94	-49.7	--	--	--	--	620	--	--
MW12A	06/06/16	--	--	--	--	--	0.327	6.42	145	--	--	--	--	8,110	--	--
MW12A	08/29/16	--	--	--	--	--	0.664	6.84	229	--	--	--	--	1,800	--	--
MW12A	12/20/16	--	--	--	--	--	0.624	7.47	304	--	<20,000	--	--	2,210	--	--
MW12A	02/28/17	--	--	--	--	--	0.688	7.84	154	--	--	--	--	2,670	--	--
MW12A	04/17/17	--	--	--	--	--	0.597	7.87	248	--	--	--	--	2,270	--	--
MW12A	07/19/17	--	--	--	--	--	0.291	8.03	317	--	<20,000	--	--	2,860	--	--
MW12A	11/08/17	--	--	--	--	--	1.82	8.43	82	--	700,000b	--	--	2,890	--	--
MW12A	02/20/18	--	--	--	--	--	1.46	8.11	235	--	740,000b	--	--	2,320	--	--
MW12A	06/28/18	--	--	--	--	--	0.976	7.13	68	--	270,000b	--	--	970	--	--
MW12A	09/13/18	--	--	--	--	--	1.351	7.49	0.3	--	460,000b	--	--	330	--	--
MW12A	11/13/18	--	--	--	--	--	1.45	7.70	212.5	--	560,000b	--	--	450	--	--
MW12A	02/12/19	--	--	--	--	--	2.06	7.25	152.2	--	780,000b	--	--	340	--	--
MW12A	04/09/19	--	--	--	--	--	2.17	7.27	288.1	--	930,000b	--	--	330	--	--
MW12A	07/09/19	--	--	--	--	--	2.54	6.99	237.8	--	1,200,000b	--	--	320	--	--
MW13	03/08/16	<100	<100	<100a	203	151	0.274b	7.42b	407a,b	1,200c	27,400	64,400	<20,000a	7,900a,b	<1,000	<5.00
MW13	06/06/16	--	--	--	--	--	0.291	7.19	225	--	--	--	--	5,030	--	--
MW13	08/30/16	--	--	--	--	--	0.299	6.73	254	--	--	--	--	2,050	--	--
MW13	12/19/16	--	--	--	--	--	0.353	7.29	333	--	--	--	--	3,120	--	--
MW13	02/27/17	--	--	--	--	--	0.368	7.52	295	--	--	--	--	1,400	--	--
MW13	04/18/17	<100	<100	--	1,340	1,090	0.354	7.75	253	3,200	37,000	91,000	8,950	1,580	<50	46.2
MW13	07/18/17	--	--	--	--	--	0.362	8.03	258	--	<20,000	--	--	1,860	--	--
MW13	11/08/17	--	--	--	--	--	0.315	7.94	202	--	60,000	--	--	2,370	--	--
MW13	02/20/18	--	--	--	--	--	0.284	8.03	237	--	<20,000	--	--	1,540	--	--
MW13	06/28/18	--	--	--	--	--	0.352	7.05	276	--	--	--	--	200	--	--
MW13	09/13/18	--	--	--	--	--	0.241	7.07	193.7	--	--	--	--	250	--	--
MW13	11/12/18	--	--	--	--	--	0.227	6.86	244.4	--	--	--	--	370	--	--
MW13	02/13/19	--	--	--	--	--	0.247	7.17	166.0	--	--	--	--	240	--	--
MW13	04/09/19	--	--	--	--	--	0.258	7.33	280.3	--	--	--	--	220	--	--
MW13	07/09/19	--	--	--	--	--	0.312	6.93	237.6	--	--	--	--	460	--	--
MW14	03/08/16	150	<100	151a	186	174	0.591b	7.50b	408a,b	1,500c	94,300	166,000	<20,000a	8,250a,b	<1,000	44.2

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Former Mobil Station 99D9T  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW14	06/06/16	--	--	--	--	--	0.492	7.20	227	--	--	--	--	4,940	--	--
MW14	08/30/16	--	--	--	--	--	0.611	6.66	311	--	--	--	--	2,160	--	--
MW14	12/19/16	--	--	--	--	--	0.670	7.33	329	--	--	--	--	3,150	--	--
MW14	02/27/17	--	--	--	--	--	0.640	7.61	224	--	--	--	--	1,660	--	--
MW14	04/18/17	168	<100	--	115	70.7	0.674	7.65	283	1,400	130,000	184,000	20,200	1,800	<50	15.7
MW14	07/18/17	--	--	--	--	--	0.690	7.93	200	--	40,000	--	--	2,190	--	--
MW14	11/07/17	--	--	--	--	--	0.661	7.95	230	--	80,000	--	--	2,440	--	--
MW14	02/20/18	--	--	--	--	--	0.692	7.92	251	--	120,000	--	--	1,670	--	--
MW14	06/29/18	--	--	--	--	--	0.601	7.09	269	--	--	--	--	390	--	--
MW14	09/13/18	--	--	--	--	--	0.432	7.73	253.2	--	--	--	--	260	--	--
MW14	11/12/18	--	--	--	--	--	0.579	6.79	387.4	--	100,000b	--	--	610	--	--
MW14	02/13/19	--	--	--	--	--	0.73	7.08	153.7	--	200,000	--	--	560	--	--
MW14	04/09/19	--	--	--	--	--	0.70	7.17	239.3	--	120,000b	--	--	840	--	--
MW14	07/09/19	--	--	--	--	--	0.68	6.80	253.8	--	120,000	--	--	950	--	--
MW15A	03/08/16	1,010	164	542a	119	<15.0	0.056b	6.94b	417a,b	<100c	<1,000	23,000	<20,000a	6,170a,b	<1,000	<5.00
MW15A	06/06/16	--	--	--	--	--	0.448	7.49	217	--	--	--	--	4,800	--	--
MW15A	08/30/16	--	--	--	--	--	0.526	7.09	202	--	--	--	--	2,080	--	--
MW15A	12/20/16	--	--	--	--	--	0.697	7.23	357	--	<20,000	--	--	3,940	--	--
MW15A	02/27/17	--	--	--	--	--	0.494	7.89	91.0	--	--	--	--	1,690	--	--
MW15A	04/18/17	650	<100	--	1,100	1,130	0.809	7.88	248	400	300,000	163,000	5,320	1,790	<50	63.8
MW15A	07/18/17	--	--	--	--	--	1.61	7.85	-55	--	>200,000	--	--	2,200	--	--
MW15A	08/31/17	--	--	--	--	--	--	--	--	--	160,000	--	--	--	--	--
MW15A	11/07/17	--	--	--	--	--	3.01	8.08	122	--	<20,000	--	--	2,010	--	--
MW15A	02/20/18	--	--	--	--	--	1.80	8.01	138	--	770,000b	--	--	1,750	--	--
MW15A	06/28/18	--	--	--	--	--	1.060	7.65	-52	--	40,000	--	--	100	--	--
MW15A	09/13/18	--	--	--	--	--	1.582	7.75	-99.2	--	650,000b	--	--	110	--	--
MW15A	11/12/18	--	--	--	--	--	1.77	7.22	228.1	--	790,000b	--	--	280	--	--
MW15A	02/13/19	--	--	--	--	--	2.11	7.25	171.0	--	930,000b	--	--	240	--	--
MW15A	03/14/19	--	--	--	--	--	1.11	7.05	294.3	--	--	--	--	240	--	--
MW15A	04/08/19	--	--	--	--	--	0.501	6.85	240.7	--	20,000	--	--	250	--	--
MW15A	07/09/19	--	--	--	--	--	0.502	6.68	247.0	--	40,000	--	--	380	--	--
MW16	03/09/16	<100	<100	<100a	242	211	641b	7.49b	419a,b	5,010c	86,500	198,000	<20,000a	8,550a,b	<1,000	<5.00
MW16	06/06/16	--	--	--	--	--	0.550	6.98	-69.0	--	--	--	--	7,180	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW16	08/29/16	--	--	--	--	--	0.519	6.50	296	--	--	--	--	3,110	--	--
MW16	12/19/16	--	--	--	--	--	0.521	7.29	320	--	--	--	--	3,330	--	--
MW16	02/27/17	--	--	--	--	--	0.503	7.44	272	--	--	--	--	1,950	--	--
MW16	04/18/17	113	<100	--	315	182	0.444	7.59	254	3,200	42,000	150,000	21,700	1,820	<50	1.74
MW16	07/18/17	--	--	--	--	--	0.444	7.74	249	--	<20,000	--	--	2,590	--	--
MW16	11/07/17	--	--	--	--	--	0.437	7.84	198	--	<20,000	--	--	2,430	--	--
MW16	02/20/18	--	--	--	--	--	0.446	7.65	265	--	<20,000	--	--	2,220	--	--
MW16	06/29/18	--	--	--	--	--	0.422	7.03	245	--	--	--	--	240	--	--
MW16	09/12/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	11/14/18	--	--	--	--	--	0.397	6.80	322.4	--	--	--	--	310	--	--
MW16	02/14/19	--	--	--	--	--	0.483	6.87	222.0	--	--	--	--	350	--	--
MW16	04/11/19	--	--	--	--	--	0.503	7.12	252.4	--	--	--	--	320	--	--
MW16	07/08/19	--	--	--	--	--	0.481	7.18	172.9	--	--	--	--	590	--	--
MW17	03/07/16	--	--	--	--	--	0.306	6.63	60.7	--	--	--	--	5,840	--	--
MW17	06/06/16	--	--	--	--	--	0.301	6.72	38.0	--	--	--	--	8,110	--	--
MW17	08/29/16	--	--	--	--	--	0.275	5.85	356	--	--	--	--	3,380	--	--
MW17	12/19/16	--	--	--	--	--	0.308	6.80	332	--	--	--	--	3,310	--	--
MW17	02/27/17	--	--	--	--	--	0.275	6.93	317	--	--	--	--	3,020	--	--
MW17	04/17/17	--	--	--	--	--	0.200	7.72	288	--	--	--	--	2,480	--	--
MW17	07/18/17	--	--	--	--	--	0.274	7.40	264	--	<20,000	--	--	5,610	--	--
MW17	11/07/17	--	--	--	--	--	0.277	7.68	286	--	<20,000	--	--	5,330	--	--
MW17	02/20/18	--	--	--	--	--	0.256	7.36	311	--	<20,000	--	--	5,310	--	--
MW17	06/29/18	--	--	--	--	--	0.263	6.34	292	--	--	--	--	5,270	--	--
MW17	09/14/18	--	--	--	--	--	0.251	6.43	297.8	--	--	--	--	4,660	--	--
MW17	11/12/18	--	--	--	--	--	0.242	6.10	348.0	--	--	--	--	4,200	--	--
MW17	02/13/19	--	--	--	--	--	0.290	6.45	184.9	--	--	--	--	3,800	--	--
MW17	04/10/19	--	--	--	--	--	0.288	6.47	294.8	--	--	--	--	5,170	--	--
MW17	07/09/19	--	--	--	--	--	0.292	6.56	216.5	--	--	--	--	4,760	--	--
MW18	03/08/16	205	<100	130a	243	220	0.289b	8.03b	416a,b	179c	28,700	82,900	<20,000a	8,260a,b	<1,000	14.0
MW18	06/07/16	--	--	--	--	--	0.287	7.93	-79.0	--	--	--	--	5,540	--	--
MW18	08/30/16	--	--	--	--	--	0.291	7.53	126	--	--	--	--	2,020	--	--
MW18	12/20/16	--	--	--	--	--	0.295	7.59	280	--	--	--	--	2,190	--	--
MW18	02/28/17	--	--	--	--	--	0.284	8.19	184	--	--	--	--	2,420	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW18	05/01/17	218	<100	--	209	204	0.255	8.04	263	1,900	31,000	73,000	2,240	1,750	<50	69.6
MW18	07/19/17	--	--	--	--	--	0.285	8.48	81	--	--	--	--	2,290	--	--
MW18	11/09/17	--	--	--	--	--	0.473	8.66	243	--	--	--	--	2,610	--	--
MW18	02/21/18	--	--	--	--	--	0.322	8.48	199	--	--	--	--	1,670	--	--
MW18	06/28/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	09/12/18	--	--	--	--	--	0.318	7.92	84.3	--	--	--	--	120	--	--
MW18	11/14/18	--	--	--	--	--	0.359	7.55	20.0	--	--	--	--	590	--	--
MW18	02/15/19	--	--	--	--	--	0.382	7.70	141.1	--	--	--	--	200	--	--
MW18	04/11/19	--	--	--	--	--	0.311	7.61	284.9	--	--	--	--	420	--	--
MW18	07/09/19	--	--	--	--	--	0.340	7.89	160.9	--	--	--	--	180	--	--
MW19	03/09/16	2,990	<100	1,990a	604	568	0.433b	7.74b	420a,b	<100c	30,800	141,000	<20,000a	7,700a,b	<1,000	26.8
MW19	06/06/16	--	--	--	--	--	0.388	7.21	173	--	--	--	--	8,540	--	--
MW19	08/29/16	--	--	--	--	--	0.404	7.20	228	--	--	--	--	2,140	--	--
MW19	12/19/16	--	--	--	--	--	0.393	7.42	256	--	--	--	--	2,970	--	--
MW19	02/27/17	--	--	--	--	--	0.377	7.28	232	--	--	--	--	2,380	--	--
MW19	04/18/17	2,380	226	--	436	432	0.368	7.62	265	500	27,000	119,000	7,090	3,120	<50	14.5
MW19	07/18/17	--	--	--	--	--	0.357	8.16	-155	--	<20,000	--	--	2,350	--	--
MW19	11/07/17	--	--	--	--	--	0.340	7.90	155	--	<20,000	--	--	2,620	--	--
MW19	02/21/18	--	--	--	--	--	0.339	8.57	207	--	40,000	--	--	1,800	--	--
MW19	06/28/18	--	--	--	--	--	0.325	7.30	-29	--	--	--	--	290	--	--
MW19	09/14/18	--	--	--	--	--	0.306	7.39	-4.6	--	--	--	--	190	--	--
MW19	11/14/18	--	--	--	--	--	0.300	7.03	263.4	--	--	--	--	370	--	--
MW19	02/13/19	--	--	--	--	--	0.331	7.19	171.7	--	--	--	--	450	--	--
MW19	04/10/19	--	--	--	--	--	0.313	7.26	237.5	--	--	--	--	220	--	--
MW19	07/10/19	--	--	--	--	--	0.319	7.50	180.6	--	--	--	--	320	--	--
MW20	03/07/16	--	--	--	--	--	0.571	7.34	-77.7	--	--	--	--	460	--	--
MW20	06/06/16	--	--	--	--	--	0.540	7.38	160	--	--	--	--	4,540	--	--
MW20	08/30/16	--	--	--	--	--	0.555	7.31	141	--	--	--	--	1,960	--	--
MW20	12/20/16	--	--	--	--	--	0.634	6.82	326	--	207,000	--	--	2,870	--	--
MW20	02/28/17	--	--	--	--	--	0.592	7.63	177	--	--	--	--	2,160	--	--
MW20	05/01/17	--	--	--	--	--	0.709	7.72	312	--	--	--	--	1,640	--	--
MW20	07/19/17	--	--	--	--	--	1.35	8.10	-106	--	--	--	--	2,180	--	--
MW20	11/08/17	--	--	--	--	--	2.16	8.06	213	--	--	--	--	2,360	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW20	02/21/18	--	--	--	--	--	2.83	7.93	192	--	--	--	--	1,390	--	--
MW20	06/29/18	--	--	--	--	--	3.300	7.08	80	--	--	--	--	170	--	--
MW20	09/12/18	--	--	--	--	--	3.431	7.17	9.3	--	--	--	--	150	--	--
MW20	11/15/18	--	--	--	--	--	3.16	6.83	184.2	--	--	--	--	290	--	--
MW20	02/15/19	--	--	--	--	--	3.42	6.78	245.9	--	--	--	--	260	--	--
MW20	04/11/19	--	--	--	--	--	3.16	7.13	317.4	--	--	--	--	210	--	--
MW20	07/10/19	--	--	--	--	--	2.95	7.01	184.7	--	--	--	--	210	--	--
MW21	03/07/16	--	--	--	--	--	0.417	7.14	153	--	--	--	--	3,390	--	--
MW21	06/07/16	--	--	--	--	--	0.420	7.33	27.0	--	--	--	--	3,820	--	--
MW21	08/30/16	--	--	--	--	--	0.458	7.32	63.0	--	--	--	--	1,820	--	--
MW21	12/20/16	--	--	--	--	--	0.464	8.62	249	--	--	--	--	1,610	--	--
MW21	03/01/17	--	--	--	--	--	0.549	7.72	82.0	--	40,000	--	--	1,990	--	--
MW21	05/02/17	--	--	--	--	--	0.841	7.83	-8	--	--	--	--	1,390	--	--
MW21	07/20/17	--	--	--	--	--	0.667	8.00	-88	--	--	--	--	2,020	--	--
	Destroyed															
MW22	03/07/16	--	--	--	--	--	0.655	7.07	71.0	--	--	--	--	3,570	--	--
MW22	06/07/16	--	--	--	--	--	0.610	7.14	167	--	--	--	--	4,230	--	--
MW22	08/30/16	--	--	--	--	--	0.573	7.22	155	--	--	--	--	2,080	--	--
MW22	12/20/16	--	--	--	--	--	3.55	8.88	239	--	160,000	--	--	2,910	--	--
MW22	02/28/17	--	--	--	--	--	1.78	6.35	277	--	>200,000	--	--	2,810	--	--
MW22	04/17/17	--	--	--	--	--	0.657	6.83	211	--	--	--	--	2,270	--	--
MW22	07/20/17	--	--	--	--	--	0.486	7.40	-4	--	--	--	--	2,400	--	--
MW22	11/09/17	--	--	--	--	--	0.571	7.73	228	--	--	--	--	2,890	--	--
MW22	02/21/18	--	--	--	--	--	0.501	8.83	237	--	--	--	--	1,570	--	--
MW22	06/28/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	09/12/18	--	--	--	--	--	0.500	6.90	135.6	--	--	--	--	240	--	--
MW22	11/15/18	--	--	--	--	--	0.501	6.59	133.8	--	--	--	--	500	--	--
MW22	02/15/19	--	--	--	--	--	0.554	6.90	165.4	--	--	--	--	250	--	--
MW22	04/10/19	--	--	--	--	--	0.485	6.77	819.9	--	--	--	--	260	--	--
MW22	07/10/19	--	--	--	--	--	0.488	6.84	190.3	--	--	--	--	280	--	--
MW23	09/17/18	--	--	--	--	--	0.522	7.24	-57.1	--	--	--	--	270	--	--
MW23	11/13/18	--	--	--	--	--	0.497	7.00	266.1	--	--	--	--	200	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
MW23	02/14/19	--	--	--	--	--	0.498	6.89	135.1	--	--	--	--	2,770	--	--
MW23	04/09/19	--	--	--	--	--	0.453	7.33	280.8	--	--	--	--	5,630	--	--
MW23	07/11/19	--	--	--	--	--	0.411	6.88	247.7	--	--	--	--	9,800	--	--
MW24	09/17/18	--	--	--	--	--	0.572	7.52	-132.0	--	--	--	--	310	--	--
MW24	11/15/18	--	--	--	--	--	0.640	7.02	-128.9	--	--	--	--	140	--	--
MW24	02/12/19	--	--	--	--	--	0.650	7.18	113.5	--	--	--	--	210	--	--
MW24	04/10/19	--	--	--	--	--	0.780	7.18	280.7	--	--	--	--	140	--	--
MW24	07/11/19	--	--	--	--	--	0.64	6.96	200.5	--	--	--	--	150	--	--
MW25	09/17/18	1,060	<100	<100c	22.7	<5.00	1.311	11.80	105	1,200	180,000	130,000	<1,000c	13,700	<200	432
MW25	11/13/18	3,840	<100	162	784	606	0.549	11.07	161.3	<100	21,000b	240,000	55,000	3,380	<200	1,750
MW25	02/12/19	2,630	<500	<100c	269	212	0.500	7.65	112.9	130	81,000b	140,000	2,780	1,380	<200	3.39
MW25	04/08/19	538	<50.0	<100	58.3	20.2	0.900	8.54	273.0	3,400	350,000b	24,000	185	14,780	<200	2.28
MW25	07/08/19	<250	<50.0	<100a	19.9	3.39	0.548	7.31	207.6	2,900	290,000b	46,900	160	170	<200	1.9
MW26	09/17/18	--	--	--	--	--	1.315	7.25	-205.7	--	--	--	--	290	--	--
MW26	11/15/18	--	--	--	--	--	1.18	6.71	46.9	--	--	--	--	170	--	--
MW26	02/14/19	--	--	--	--	--	1.43	6.67	220.0	--	--	--	--	160	--	--
MW26	04/09/19	--	--	--	--	--	1.43	7.04	282.3	--	--	--	--	0,160	--	--
MW26	07/11/19	--	--	--	--	--	1.46	6.79	191.3	--	--	--	--	130	--	--
DPE1	03/07/16	--	--	--	--	--	0.585	6.81	-17.8	--	--	--	--	840	--	--
DPE1	06/07/16	--	--	--	--	--	0.701	6.84	129	--	--	--	--	3,290	--	--
DPE1	08/30/16	--	--	--	--	--	0.655	6.88	96.0	--	--	--	--	2,900	--	--
DPE1	12/21/16	--	--	--	--	--	40.6	3.04	644	--	18,500,000	--	--	2,310	--	--
DPE1	02/28/17	--	--	--	--	--	12.1	3.91	381	--	>200,000	--	--	1,640	--	--
DPE1	04/17/17	--	--	--	--	--	5.61	4.60	364	--	--	--	--	1,780	--	--
DPE1	07/19/17	--	--	--	--	--	2.16	5.89	154	--	--	--	--	2,310	--	--
DPE1	11/09/17	--	--	--	--	--	12.2	7.64	255	--	--	--	--	3,390	--	--
DPE1	02/21/18	--	--	--	--	--	4.53	7.79	255	--	--	--	--	1,920	--	--
DPE1	06/28/18	--	--	--	--	--	2.660	5.49	251	--	--	--	--	400	--	--
DPE1	09/12/18	--	--	--	--	--	2.452	6.04	270.4	--	--	--	--	300	--	--
DPE1	11/14/18	--	--	--	--	--	2.40	6.04	262.5	--	--	--	--	450	--	--

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington

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Well ID	Sampling Date	Total Iron (µg/L)	Dissolved Iron (µg/L)	Ferrous Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Specific Conductance (mS/cm)	pH	ORP (mV vs NHE)	Nitrate (µg/L)	Sulfate (µg/L)	Alkalinity (µg/L)	Carbon Dioxide (µg/L)	Dissolved Oxygen (µg/L)	Sulfide (µg/L)	Methane (µg/L)
DPE1	02/15/19	--	--	--	--	--	2.82	5.77	198.4	--	--	--	--	300	--	--
DPE1	04/11/19	--	--	--	--	--	2.22	6.64	313.7	--	--	--	--	1,790	--	--
DPE1	07/10/19	--	--	--	--	--	2.76	6.18	200.1	--	--	--	--	420	--	--
RW1	03/07/16	--	--	--	--	--	0.199	6.86	234	--	--	--	--	4,710	--	--
RW1	06/07/16	--	--	--	--	--	0.412	7.08	84.0	--	--	--	--	6,600	--	--
RW1	08/30/16	--	--	--	--	--	0.451	7.14	83.0	--	--	--	--	1,820	--	--
RW1	12/20/16	--	--	--	--	--	3.54	8.77	255	--	120,000	--	--	2,730	--	--
RW1	03/02/17	--	--	--	--	--	2.17	7.29	332	--	<20,000	--	--	2,580	--	--
RW1	05/01/17	--	--	--	--	--	3.11	7.30	345	--	100,000	--	--	1,550	--	--
RW1	07/20/17	--	--	--	--	--	18.0	7.66	261	--	--	--	--	2,160	--	--
	Destroyed															

**TABLE 4**  
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**  
**NATURAL ATTENUATION PARAMETERS**

Former Mobil Station 99D9T  
4557 Brooklyn Avenue Northeast  
Seattle, Washington  
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**EXPLANATION:**

mg/L = Milligrams per Liter

µg/L = Micrograms per Liter

mS/cm = Millisiemens per centimeter

mV vs NHE = Millivolts versus Normal Hydrogen Electrode

Total and Dissolved Iron, Total and Dissolved Manganese = Total and Dissolved Metals analyzed in accordance with EPA Method 6010B or 6020 - refer to laboratory reports

Ferrous Iron = Ferrous Iron analyzed in accordance with Standard Method 3500Fe B

Specific Conductance measured with a Horiba U-50 or a YSI ProPlus multiparameter water quality meter or analyzed in accordance with EPA Method 9050A - refer to field notes

pH (unitless) measured with a Horiba U-50 or a YSI ProPlus multiparameter water quality meter or analyzed in accordance with EPA Method 9040C - refer to field notes

ORP = Oxidation Reduction Potential measured with a Horiba U-50 or a YSI ProPlus multiparameter water quality meter or analyzed in accordance with Standard Method 2580B - refer to field notes

Nitrate = Nitrate as Nitrogen analyzed in accordance with EPA Method 300.0

Sulfate measured using a La Motte Sulfate Test Kit or analyzed in accordance with EPA Method 300.0 - refer to field notes

Alkalinity = Total Alkalinity analyzed in accordance with Standard Method 2320B

Carbon Dioxide analyzed in accordance with Standard Method 4500 CO<sub>2</sub> C and RSK-175M - refer to laboratory reports

Dissolved Oxygen measured with a Horiba U-50 or a YSI ProPlus multiparameter water quality meter or analyzed in accordance with Standard Method 4500 O<sub>2</sub> G - refer to field notes

Sulfide measured using a La Motte sulfide test kit or analyzed in accordance with Standard Method 4500 S<sub>2</sub> F - refer to field notes

Methane analyzed in accordance with RSK-175

< = Less than the stated laboratory reporting limit

-- Not Analyzed or Sampled

a = Field parameter with a holding time of 15 minutes, test performed by laboratory out of holding time

b = In-situ measurement and laboratory sample collected. Laboratory result tabulated, refer to groundwater sampling field notes for in-situ measurement.

c = Sample prepped or analyzed beyond the specific hold time

d = Sample received and analyzed beyond the specific hold time

e = Additional monitored natural attenuation parameters were collected on 09/17/18

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-1170-1

Client Project/Site: ExxonMobil 99D9T / 031162

For:

Cardno, Inc  
801 Second Ave  
Suite 700  
Seattle, Washington 98104

Attn: Bobby Thompson

*Cecile de Guia*

---

Authorized for release by:  
7/29/2019 10:27:25 AM

Cecile de Guia, Project Manager I  
(714)895-5494  
[ceciledeguia@eurofinsus.com](mailto:ceciledeguia@eurofinsus.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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.*



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# Definitions/Glossary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Qualifiers

### HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.

### Metals

Qualifier	Qualifier Description
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.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

### General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

# Case Narrative

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

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## Job ID: 570-1170-1

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### Laboratory: Eurofins Calscience LLC

#### Narrative

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#### Job Narrative 570-1170-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 7/9/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.4° C.

#### Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): W-16-MW6 (570-1170-1), W-16-MW8 (570-1170-2), W-19-M16 (570-1170-3), W-17-MW25 (570-1170-4) and W-19-KMW11 (570-1170-5). The container labels list 7/8/19 for sampling date, while the COC lists 7/18/19.

The client was contacted, and the lab was instructed to follow the sample labels.

#### GC/MS VOA

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

#### HPLC/IC

Method(s) 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-4041 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

#### GC 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.

#### Air Toxics

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

#### Metals

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

#### General Chemistry

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.

# Detection Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Client Sample ID: W-16-MW6

Lab Sample ID: 570-1170-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0	ug/L	1		8260B	Total/NA
Carbon dioxide	17000		36	ug/L	4		RSK-175	Total/NA
Methane	470		0.66	ug/L	1		RSK-175	Total/NA
Sulfate	63000		1000	ug/L	1		300.0	Total/NA
Lead	1.13	F1	1.00	ug/L	1		6020	Total/NA
Iron	2970		50.0	ug/L	1		6020	Total/NA
Manganese	667		1.00	ug/L	1		6020	Total/NA
Iron	547		50.0	ug/L	1		6020	Dissolved
Manganese	417		1.00	ug/L	1		6020	Dissolved
Alkalinity, Total (As CaCO3)	271000		5000	ug/L	1		SM 2320B	Total/NA

## Client Sample ID: W-16-MW8

Lab Sample ID: 570-1170-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	6700		9.0	ug/L	1		RSK-175	Total/NA
Methane	1.1		0.66	ug/L	1		RSK-175	Total/NA
Sulfate	61000	F1	1000	ug/L	1		300.0	Total/NA
Iron	236		50.0	ug/L	1		6020	Total/NA
Manganese	109		1.00	ug/L	1		6020	Total/NA
Manganese	36.9		1.00	ug/L	1		6020	Dissolved
Alkalinity, Total (As CaCO3)	224000		5000	ug/L	1		SM 2320B	Total/NA

## Client Sample ID: W-19-M16

Lab Sample ID: 570-1170-3

No Detections.

## Client Sample ID: W-17-MW25

Lab Sample ID: 570-1170-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	160		9.0	ug/L	1		RSK-175	Total/NA
Methane	1.9		0.66	ug/L	1		RSK-175	Total/NA
Nitrate as N	2900		100	ug/L	1		300.0	Total/NA
Sulfate	290000		10000	ug/L	10		300.0	Total/NA
Manganese	19.9		5.00	ug/L	5		6020	Total/NA
Manganese	3.39		1.00	ug/L	1		6020	Dissolved
Alkalinity, Total (As CaCO3)	46900		5000	ug/L	1		SM 2320B	Total/NA

## Client Sample ID: W-19-KMW11

Lab Sample ID: 570-1170-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

**Client Sample ID: W-16-MW6**

**Lab Sample ID: 570-1170-1**

Date Collected: 07/08/19 12:05

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		1.0	ug/L			07/11/19 00:01	1
Ethylbenzene	ND		1.0	ug/L			07/11/19 00:01	1
Toluene	ND		1.0	ug/L			07/11/19 00:01	1
m,p-Xylene	ND		2.0	ug/L			07/11/19 00:01	1
o-Xylene	ND		1.0	ug/L			07/11/19 00:01	1
Xylenes, Total	ND		3.0	ug/L			07/11/19 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 129		07/11/19 00:01	1
4-Bromofluorobenzene (Surr)	96		77 - 120		07/11/19 00:01	1
Dibromofluoromethane	101		80 - 128		07/11/19 00:01	1
Toluene-d8 (Surr)	104		80 - 120		07/11/19 00:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		38 - 134		07/16/19 21:01	1

### Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	17000		36	ug/L			07/09/19 14:08	4
Methane	470		0.66	ug/L			07/09/19 15:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/20/19 20:50	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/20/19 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		68 - 140	07/14/19 12:14	07/20/19 20:50	1

### Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		100	ug/L			07/09/19 15:52	1
Sulfate	63000		1000	ug/L			07/09/19 15:52	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.13	F1	1.00	ug/L		07/12/19 15:00	07/15/19 18:16	1
Iron	2970		50.0	ug/L		07/12/19 15:00	07/15/19 18:16	1
Manganese	667		1.00	ug/L		07/12/19 15:00	07/15/19 18:16	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/15/19 16:49	1
Iron	547		50.0	ug/L			07/15/19 16:49	1
Manganese	417		1.00	ug/L			07/15/19 16:49	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Client Sample ID: W-16-MW6

Lab Sample ID: 570-1170-1

Date Collected: 07/08/19 12:05

Matrix: Water

Date Received: 07/09/19 08:00

### General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	271000		5000	ug/L			07/09/19 21:55	1
Ferrous Iron	ND	HF	100	ug/L			07/09/19 11:37	1

## Client Sample ID: W-16-MW8

Lab Sample ID: 570-1170-2

Date Collected: 07/08/19 13:45

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/11/19 00:31	1
Ethylbenzene	ND		1.0	ug/L			07/11/19 00:31	1
Toluene	ND		1.0	ug/L			07/11/19 00:31	1
m,p-Xylene	ND		2.0	ug/L			07/11/19 00:31	1
o-Xylene	ND		1.0	ug/L			07/11/19 00:31	1
Xylenes, Total	ND		3.0	ug/L			07/11/19 00:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 129				07/11/19 00:31	1
4-Bromofluorobenzene (Surr)	93		77 - 120				07/11/19 00:31	1
Dibromofluoromethane	103		80 - 128				07/11/19 00:31	1
Toluene-d8 (Surr)	104		80 - 120				07/11/19 00:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 22:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		38 - 134				07/16/19 22:26	1

### Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	6700		9.0	ug/L			07/09/19 14:29	1
Methane	1.1		0.66	ug/L			07/09/19 16:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/20/19 21:12	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/20/19 21:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	83		68 - 140			07/14/19 12:14	07/20/19 21:12	1

### Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		100	ug/L			07/09/19 16:10	1
Sulfate	61000	F1	1000	ug/L			07/09/19 16:10	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:35	1
Iron	236		50.0	ug/L		07/12/19 15:00	07/15/19 18:35	1
Manganese	109		1.00	ug/L		07/12/19 15:00	07/15/19 18:35	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Client Sample ID: W-16-MW8

Lab Sample ID: 570-1170-2

Date Collected: 07/08/19 13:45

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/15/19 16:52	1
Iron	ND		50.0	ug/L			07/15/19 16:52	1
Manganese	36.9		1.00	ug/L			07/15/19 16:52	1

### General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	224000		5000	ug/L			07/09/19 22:02	1
Ferrous Iron	ND	HF	100	ug/L			07/09/19 11:38	1

## Client Sample ID: W-19-M16

Lab Sample ID: 570-1170-3

Date Collected: 07/08/19 09:45

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/11/19 01:01	1
Ethylbenzene	ND		1.0	ug/L			07/11/19 01:01	1
Toluene	ND		1.0	ug/L			07/11/19 01:01	1
m,p-Xylene	ND		2.0	ug/L			07/11/19 01:01	1
o-Xylene	ND		1.0	ug/L			07/11/19 01:01	1
Xylenes, Total	ND		3.0	ug/L			07/11/19 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 129		07/11/19 01:01	1
4-Bromofluorobenzene (Surr)	95		77 - 120		07/11/19 01:01	1
Dibromofluoromethane	105		80 - 128		07/11/19 01:01	1
Toluene-d8 (Surr)	100		80 - 120		07/11/19 01:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		38 - 134		07/16/19 22:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/20/19 21:33	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/20/19 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	90		68 - 140	07/14/19 12:14	07/20/19 21:33	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:38	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	F2 F1	1.00	ug/L			07/15/19 13:27	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

**Client Sample ID: W-17-MW25**

**Lab Sample ID: 570-1170-4**

Date Collected: 07/08/19 13:10

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/11/19 01:31	1
Ethylbenzene	ND		1.0	ug/L			07/11/19 01:31	1
Toluene	ND		1.0	ug/L			07/11/19 01:31	1
m,p-Xylene	ND		2.0	ug/L			07/11/19 01:31	1
o-Xylene	ND		1.0	ug/L			07/11/19 01:31	1
Xylenes, Total	ND		3.0	ug/L			07/11/19 01:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 129		07/11/19 01:31	1
4-Bromofluorobenzene (Surr)	97		77 - 120		07/11/19 01:31	1
Dibromofluoromethane	103		80 - 128		07/11/19 01:31	1
Toluene-d8 (Surr)	101		80 - 120		07/11/19 01:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		38 - 134		07/16/19 21:30	1

### Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	160		9.0	ug/L			07/09/19 14:50	1
Methane	1.9		0.66	ug/L			07/09/19 16:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/20/19 21:55	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/20/19 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	85		68 - 140	07/14/19 12:14	07/20/19 21:55	1

### Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2900		100	ug/L			07/09/19 17:07	1
Sulfate	290000		10000	ug/L			07/09/19 18:41	10

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:41	1
Iron	ND		250	ug/L		07/12/19 15:00	07/16/19 17:56	5
Manganese	19.9		5.00	ug/L		07/12/19 15:00	07/16/19 17:56	5

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/15/19 16:55	1
Iron	ND		50.0	ug/L			07/15/19 16:55	1
Manganese	3.39		1.00	ug/L			07/15/19 16:55	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Client Sample ID: W-17-MW25

Lab Sample ID: 570-1170-4

Date Collected: 07/08/19 13:10

Matrix: Water

Date Received: 07/09/19 08:00

### General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	46900		5000	ug/L			07/09/19 22:09	1
Ferrous Iron	ND	HF	100	ug/L			07/09/19 11:39	1

## Client Sample ID: W-19-KMW11

Lab Sample ID: 570-1170-5

Date Collected: 07/08/19 10:30

Matrix: Water

Date Received: 07/09/19 08:00

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/11/19 02:01	1
Ethylbenzene	ND		1.0	ug/L			07/11/19 02:01	1
Toluene	ND		1.0	ug/L			07/11/19 02:01	1
m,p-Xylene	ND		2.0	ug/L			07/11/19 02:01	1
o-Xylene	ND		1.0	ug/L			07/11/19 02:01	1
Xylenes, Total	ND		3.0	ug/L			07/11/19 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 129		07/11/19 02:01	1
4-Bromofluorobenzene (Surr)	99		77 - 120		07/11/19 02:01	1
Dibromofluoromethane	103		80 - 128		07/11/19 02:01	1
Toluene-d8 (Surr)	105		80 - 120		07/11/19 02:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		38 - 134		07/16/19 21:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/20/19 22:17	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/20/19 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	91		68 - 140	07/14/19 12:14	07/20/19 22:17	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:49	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/15/19 16:58	1

# Surrogate Summary

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-129)	BFB (77-120)	DBFM (80-128)	TOL (80-120)
570-1170-1	W-16-MW6	102	96	101	104
570-1170-2	W-16-MW8	100	93	103	104
570-1170-3	W-19-M16	102	95	105	100
570-1170-4	W-17-MW25	100	97	103	101
570-1170-5	W-19-KMW11	102	99	103	105
570-1264-B-1 MS	Matrix Spike	103	100	104	105
570-1264-C-1 MSD	Matrix Spike Duplicate	102	99	104	105
LCS 570-4285/3	Lab Control Sample	101	99	106	103
LCSD 570-4285/4	Lab Control Sample Dup	101	97	104	104
MB 570-4285/7	Method Blank	103	96	102	102

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane  
 TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
		570-1170-1
570-1170-1 MS	W-16-MW6	99
570-1170-1 MSD	W-16-MW6	104
570-1170-2	W-16-MW8	93
570-1170-3	W-19-M16	85
570-1170-4	W-17-MW25	99
570-1170-5	W-19-KMW11	89
LCS 570-5475/1008	Lab Control Sample	95
LCSD 570-5475/9	Lab Control Sample Dup	95
MB 570-5475/21	Method Blank	84

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN (68-140)
		570-1170-1
570-1170-2	W-16-MW8	83
570-1170-3	W-19-M16	90
570-1170-4	W-17-MW25	85
570-1170-5	W-19-KMW11	91
LCS 570-5082/2-A	Lab Control Sample	82
LCS 570-5082/4-A	Lab Control Sample	86
LCSD 570-5082/3-A	Lab Control Sample Dup	89

# Surrogate Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

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

**Matrix: Water**

**Prep Type: Total/NA**

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN (68-140)
LCSD 570-5082/5-A	Lab Control Sample Dup	104
MB 570-5082/1-A	Method Blank	89

### Surrogate Legend

OTCSN = n-Octacosane (Surr)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-4285/7**  
**Matrix: Water**  
**Analysis Batch: 4285**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/10/19 23:31	1
Ethylbenzene	ND		1.0	ug/L			07/10/19 23:31	1
Toluene	ND		1.0	ug/L			07/10/19 23:31	1
m,p-Xylene	ND		2.0	ug/L			07/10/19 23:31	1
o-Xylene	ND		1.0	ug/L			07/10/19 23:31	1
Xylenes, Total	ND		3.0	ug/L			07/10/19 23:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 129		07/10/19 23:31	1
4-Bromofluorobenzene (Surr)	96		77 - 120		07/10/19 23:31	1
Dibromofluoromethane	102		80 - 128		07/10/19 23:31	1
Toluene-d8 (Surr)	102		80 - 120		07/10/19 23:31	1

**Lab Sample ID: LCS 570-4285/3**  
**Matrix: Water**  
**Analysis Batch: 4285**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.72		ug/L		97	78 - 120
Ethylbenzene	50.0	52.64		ug/L		105	80 - 120
Toluene	50.0	55.12		ug/L		110	80 - 122
m,p-Xylene	100	110.7		ug/L		111	80 - 125
o-Xylene	50.0	51.97		ug/L		104	80 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 129
4-Bromofluorobenzene (Surr)	99		77 - 120
Dibromofluoromethane	106		80 - 128
Toluene-d8 (Surr)	103		80 - 120

**Lab Sample ID: LCSD 570-4285/4**  
**Matrix: Water**  
**Analysis Batch: 4285**

**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	50.0	46.63		ug/L		93	78 - 120	4	21
Ethylbenzene	50.0	50.85		ug/L		102	80 - 120	3	20
Toluene	50.0	54.05		ug/L		108	80 - 122	2	20
m,p-Xylene	100	107.2		ug/L		107	80 - 125	3	30
o-Xylene	50.0	50.36		ug/L		101	80 - 125	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 129
4-Bromofluorobenzene (Surr)	97		77 - 120
Dibromofluoromethane	104		80 - 128
Toluene-d8 (Surr)	104		80 - 120

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 570-1264-B-1 MS**  
**Matrix: Water**  
**Analysis Batch: 4285**

**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
Benzene	ND		50.0	48.54		ug/L		97	75 - 125
Ethylbenzene	ND		50.0	53.66		ug/L		107	75 - 125
Toluene	ND		50.0	58.46		ug/L		117	75 - 125
m,p-Xylene	ND		100	112.2		ug/L		112	75 - 133
o-Xylene	ND		50.0	51.36		ug/L		103	75 - 136

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 129
4-Bromofluorobenzene (Surr)	100		77 - 120
Dibromofluoromethane	104		80 - 128
Toluene-d8 (Surr)	105		80 - 120

**Lab Sample ID: 570-1264-C-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 4285**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	50.13		ug/L		100	75 - 125	3	20
Ethylbenzene	ND		50.0	54.37		ug/L		109	75 - 125	1	20
Toluene	ND		50.0	56.62		ug/L		113	75 - 125	3	20
m,p-Xylene	ND		100	113.6		ug/L		114	75 - 133	1	20
o-Xylene	ND		50.0	52.56		ug/L		105	75 - 136	2	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 129
4-Bromofluorobenzene (Surr)	99		77 - 120
Dibromofluoromethane	104		80 - 128
Toluene-d8 (Surr)	105		80 - 120

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

**Lab Sample ID: MB 570-5475/21**  
**Matrix: Water**  
**Analysis Batch: 5475**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/16/19 20:28	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		38 - 134		07/16/19 20:28	1

**Lab Sample ID: LCS 570-5475/1008**  
**Matrix: Water**  
**Analysis Batch: 5475**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Gasoline (C4-C13)	2000	2076		ug/L		104	78 - 120

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# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

**Lab Sample ID: LCS 570-5475/1008**  
**Matrix: Water**  
**Analysis Batch: 5475**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		38 - 134

**Lab Sample ID: LCSD 570-5475/9**  
**Matrix: Water**  
**Analysis Batch: 5475**

**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		
TPH as Gasoline (C4-C13)	2000	2062		ug/L		103	78 - 120	1	10	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		38 - 134

**Lab Sample ID: 570-1170-1 MS**  
**Matrix: Water**  
**Analysis Batch: 5475**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
									RPD	Limit
TPH as Gasoline (C4-C13)	ND		2000	2263		ug/L		113	68 - 122	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		38 - 134

**Lab Sample ID: 570-1170-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 5475**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
									RPD	Limit		
TPH as Gasoline (C4-C13)	ND		2000	2156		ug/L		108	68 - 122	5	18	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		38 - 134

## Method: RSK-175 - Dissolved Gases (GC)

**Lab Sample ID: MB 570-4189/4**  
**Matrix: Water**  
**Analysis Batch: 4189**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Methane	ND		0.66	ug/L			07/09/19 11:05	1

**Lab Sample ID: LCS 570-4189/2**  
**Matrix: Water**  
**Analysis Batch: 4189**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
							RPD	Limit
Methane	13.6	13.30		ug/L		98	80 - 120	

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: RSK-175 - Dissolved Gases (GC) (Continued)

**Lab Sample ID: LCSD 570-4189/3**  
**Matrix: Water**  
**Analysis Batch: 4189**

**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
Methane	13.6	13.37		ug/L		98	80 - 120	0	20

**Lab Sample ID: MB 570-4220/4**  
**Matrix: Water**  
**Analysis Batch: 4220**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		9.0	ug/L			07/09/19 10:22	1

**Lab Sample ID: LCS 570-4220/2**  
**Matrix: Water**  
**Analysis Batch: 4220**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon dioxide	543	601.4		ug/L		111	80 - 120

**Lab Sample ID: LCSD 570-4220/3**  
**Matrix: Water**  
**Analysis Batch: 4220**

**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
Carbon dioxide	543	584.5		ug/L		108	80 - 120	3	20

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

**Lab Sample ID: MB 570-5082/1-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 5082**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/20/19 19:01	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/20/19 19:01	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		68 - 140	07/14/19 12:14	07/20/19 19:01	1

**Lab Sample ID: LCS 570-5082/2-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5082**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	800	658.7		ug/L		82	75 - 117

Surrogate	%Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	82		68 - 140

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

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

**Lab Sample ID: LCS 570-5082/4-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5082**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Motor Oil (C17-C44)	800	760.4		ug/L	-	95	75 - 117
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
<i>n-Octacosane (Surr)</i>	86		68 - 140				

**Lab Sample ID: LCSD 570-5082/3-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5082**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	800	727.7		ug/L	-	91	75 - 117	10	13
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
<i>n-Octacosane (Surr)</i>	89		68 - 140						

**Lab Sample ID: LCSD 570-5082/5-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5082**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	800	772.2		ug/L	-	97	75 - 117	2	13
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
<i>n-Octacosane (Surr)</i>	104		68 - 140						

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 570-4040/5**  
**Matrix: Water**  
**Analysis Batch: 4040**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		100	ug/L	-		07/09/19 12:03	1

**Lab Sample ID: LCS 570-4040/6**  
**Matrix: Water**  
**Analysis Batch: 4040**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5000	4969		ug/L	-	99	90 - 110

**Lab Sample ID: 570-1170-2 MS**  
**Matrix: Water**  
**Analysis Batch: 4040**

**Client Sample ID: W-16-MW8**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	ND		5000	5228		ug/L	-	105	80 - 120

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 570-1170-2 MSD**  
**Matrix: Water**  
**Analysis Batch: 4040**

**Client Sample ID: W-16-MW8**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5000	5138		ug/L		103	80 - 120	2	20

**Lab Sample ID: MB 570-4041/5**  
**Matrix: Water**  
**Analysis Batch: 4041**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1000	ug/L			07/09/19 12:03	1

**Lab Sample ID: LCS 570-4041/6**  
**Matrix: Water**  
**Analysis Batch: 4041**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50000	50580		ug/L		101	90 - 110

**Lab Sample ID: 570-1170-2 MS**  
**Matrix: Water**  
**Analysis Batch: 4041**

**Client Sample ID: W-16-MW8**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	61000	F1	50000	121700	E F1	ug/L		121	80 - 120

**Lab Sample ID: 570-1170-2 MSD**  
**Matrix: Water**  
**Analysis Batch: 4041**

**Client Sample ID: W-16-MW8**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	61000	F1	50000	122100	E F1	ug/L		122	80 - 120	0	20

## Method: 6020 - Metals (ICP/MS)

**Lab Sample ID: MB 570-5061/1-A**  
**Matrix: Water**  
**Analysis Batch: 5407**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 5061**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:02	1
Iron	ND		50.0	ug/L		07/12/19 15:00	07/15/19 18:02	1
Manganese	ND		1.00	ug/L		07/12/19 15:00	07/15/19 18:02	1

**Lab Sample ID: LCS 570-5061/2-A**  
**Matrix: Water**  
**Analysis Batch: 5407**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5061**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	106.3		ug/L		106	80 - 120
Iron	5100	5141		ug/L		101	80 - 120
Manganese	100	102.0		ug/L		102	80 - 120

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# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 6020 - Metals (ICP/MS) (Continued)

**Lab Sample ID: LCSD 570-5061/3-A**  
**Matrix: Water**  
**Analysis Batch: 5407**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5061**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							RPD	Limit		
Lead	100	105.3		ug/L		105	80 - 120	1	20	
Iron	5100	5178		ug/L		102	80 - 120	1	20	
Manganese	100	102.1		ug/L		102	80 - 120	0	20	

**Lab Sample ID: 570-1170-1 MS**  
**Matrix: Water**  
**Analysis Batch: 5407**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**  
**Prep Batch: 5061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
									RPD	Limit		
Lead	1.13	F1	100	59.10	F1	ug/L		58	79 - 121			
Iron	2970		5100	5145		ug/L		43	27 - 201			
Manganese	667		100	709.7	4	ug/L		42	72 - 126			

**Lab Sample ID: 570-1170-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 5407**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**  
**Prep Batch: 5061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
									RPD	Limit		
Lead	1.13	F1	100	54.26	F1	ug/L		53	79 - 121	9	10	
Iron	2970		5100	4468		ug/L		29	27 - 201	14	24	
Manganese	667		100	697.4	4	ug/L		30	72 - 126	2	42	

**Lab Sample ID: MB 570-5339/1-A**  
**Matrix: Water**  
**Analysis Batch: 5701**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 5339**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		50.0	ug/L		07/15/19 14:10	07/16/19 17:19	1
Manganese	ND		1.00	ug/L		07/15/19 14:10	07/16/19 17:19	1

**Lab Sample ID: LCS 570-5339/2-A**  
**Matrix: Water**  
**Analysis Batch: 5701**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5339**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							RPD	Limit		
Lead	100	103.5		ug/L		103	80 - 120			
Iron	5100	5106		ug/L		100	80 - 120			
Manganese	100	103.0		ug/L		103	80 - 120			

**Lab Sample ID: LCSD 570-5339/3-A**  
**Matrix: Water**  
**Analysis Batch: 5701**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5339**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							RPD	Limit		
Lead	100	105.3		ug/L		105	80 - 120	2	20	
Iron	5100	5119		ug/L		100	80 - 120	0	20	
Manganese	100	102.1		ug/L		102	80 - 120	1	20	

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 6020 - Metals (ICP/MS) (Continued)

**Lab Sample ID: 570-1460-A-1-B MS ^10**  
**Matrix: Water**  
**Analysis Batch: 5701**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total Recoverable**  
**Prep Batch: 5339**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Lead	ND	F1	100	73.16	F1	ug/L		73	79 - 121	
Iron	ND		5100	5054		ug/L		99	27 - 201	
Manganese	ND	F1	100	58.41	F1	ug/L		54	72 - 126	

**Lab Sample ID: 570-1460-A-1-C MSD ^10**  
**Matrix: Water**  
**Analysis Batch: 5701**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total Recoverable**  
**Prep Batch: 5339**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits			
Lead	ND	F1	100	73.36	F1	ug/L		73	79 - 121		0	10
Iron	ND		5100	5177		ug/L		102	27 - 201		2	24
Manganese	ND	F1	100	59.09	F1	ug/L		55	72 - 126		1	42

**Lab Sample ID: MB 570-5066/1-A**  
**Matrix: Water**  
**Analysis Batch: 5335**

**Client Sample ID: Method Blank**  
**Prep Type: Dissolved**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Lead	ND		1.00	ug/L			07/15/19 13:01	1
Iron	ND		50.0	ug/L			07/15/19 13:01	1
Manganese	ND		1.00	ug/L			07/15/19 13:01	1

**Lab Sample ID: LCS 570-5066/2-A**  
**Matrix: Water**  
**Analysis Batch: 5335**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Dissolved**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
							Result	Qualifier
Lead	100	108.1		ug/L		108	80 - 120	
Iron	5100	5124		ug/L		100	80 - 120	
Manganese	100	100.7		ug/L		101	80 - 120	

**Lab Sample ID: LCSD 570-5066/3-A**  
**Matrix: Water**  
**Analysis Batch: 5335**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Dissolved**

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	Limit
							Result	Qualifier		
Lead	100	110.3		ug/L		110	80 - 120		2	20
Iron	5100	5258		ug/L		103	80 - 120		3	20
Manganese	100	101.8		ug/L		102	80 - 120		1	20

**Lab Sample ID: 570-1170-3 MS**  
**Matrix: Water**  
**Analysis Batch: 5335**

**Client Sample ID: W-19-M16**  
**Prep Type: Dissolved**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Lead	ND	F2 F1	100	65.35	F1	ug/L		65	79 - 121	
Iron	ND	F2 F1	5100	643.8	F1	ug/L		13	27 - 201	
Manganese	127	F1	100	200.8		ug/L		73	72 - 126	

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: 6020 - Metals (ICP/MS) (Continued)

**Lab Sample ID: 570-1170-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 5335**

**Client Sample ID: W-19-M16**  
**Prep Type: Dissolved**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND	F2 F1	100	57.54	F1 F2	ug/L		58	79 - 121	13	10
Iron	ND	F2 F1	5100	933.4	F1 F2	ug/L		18	27 - 201	37	24
Manganese	127	F1	100	191.0	F1	ug/L		64	72 - 126	5	42

## Method: SM 2320B - Alkalinity

**Lab Sample ID: MB 570-4480/10**  
**Matrix: Water**  
**Analysis Batch: 4480**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5000	ug/L			07/09/19 20:04	1

**Lab Sample ID: LCS 570-4480/8**  
**Matrix: Water**  
**Analysis Batch: 4480**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total (As CaCO3)	100000	111700		ug/L		112	80 - 120

**Lab Sample ID: LCSD 570-4480/9**  
**Matrix: Water**  
**Analysis Batch: 4480**

**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
Alkalinity, Total (As CaCO3)	100000	105700		ug/L		106	80 - 120	6	20

**Lab Sample ID: 570-1165-J-1 DU**  
**Matrix: Water**  
**Analysis Batch: 4480**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	636000		630200		ug/L		0.9	25

## Method: SM 3500 Fe B - Iron, Ferrous

**Lab Sample ID: MB 570-4084/4**  
**Matrix: Water**  
**Analysis Batch: 4084**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		100	ug/L			07/09/19 11:32	1

**Lab Sample ID: LCS 570-4084/5**  
**Matrix: Water**  
**Analysis Batch: 4084**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	1000	1005		ug/L		101	80 - 120

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Method: SM 3500 Fe B - Iron, Ferrous (Continued)

**Lab Sample ID: LCSD 570-4084/6**  
**Matrix: Water**  
**Analysis Batch: 4084**

**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
Ferrous Iron	1000	1005		ug/L		101	80 - 120	0	20

**Lab Sample ID: 570-1170-1 MS**  
**Matrix: Water**  
**Analysis Batch: 4084**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	ND	HF	1000	1096		ug/L		100	70 - 130		

**Lab Sample ID: 570-1170-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 4084**

**Client Sample ID: W-16-MW6**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	ND	HF	1000	1104		ug/L		101	70 - 130	1	25

# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## GC/MS VOA

### Analysis Batch: 4285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	8260B	
570-1170-2	W-16-MW8	Total/NA	Water	8260B	
570-1170-3	W-19-M16	Total/NA	Water	8260B	
570-1170-4	W-17-MW25	Total/NA	Water	8260B	
570-1170-5	W-19-KMW11	Total/NA	Water	8260B	
MB 570-4285/7	Method Blank	Total/NA	Water	8260B	
LCS 570-4285/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-4285/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-1264-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-1264-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

## GC VOA

### Analysis Batch: 4189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	RSK-175	
570-1170-2	W-16-MW8	Total/NA	Water	RSK-175	
570-1170-4	W-17-MW25	Total/NA	Water	RSK-175	
MB 570-4189/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-4189/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-4189/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

### Analysis Batch: 4220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	RSK-175	
570-1170-2	W-16-MW8	Total/NA	Water	RSK-175	
570-1170-4	W-17-MW25	Total/NA	Water	RSK-175	
MB 570-4220/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-4220/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-4220/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

### Analysis Batch: 5475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	NWTPH-Gx	
570-1170-2	W-16-MW8	Total/NA	Water	NWTPH-Gx	
570-1170-3	W-19-M16	Total/NA	Water	NWTPH-Gx	
570-1170-4	W-17-MW25	Total/NA	Water	NWTPH-Gx	
570-1170-5	W-19-KMW11	Total/NA	Water	NWTPH-Gx	
MB 570-5475/21	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-5475/1008	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-5475/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-1170-1 MS	W-16-MW6	Total/NA	Water	NWTPH-Gx	
570-1170-1 MSD	W-16-MW6	Total/NA	Water	NWTPH-Gx	

## GC Semi VOA

### Prep Batch: 5082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	3510C	
570-1170-2	W-16-MW8	Total/NA	Water	3510C	
570-1170-3	W-19-M16	Total/NA	Water	3510C	
570-1170-4	W-17-MW25	Total/NA	Water	3510C	

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# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## GC Semi VOA (Continued)

### Prep Batch: 5082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-5	W-19-KMW11	Total/NA	Water	3510C	
MB 570-5082/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-5082/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-5082/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-5082/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-5082/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 6575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	NWTPH-Dx	5082
570-1170-2	W-16-MW8	Total/NA	Water	NWTPH-Dx	5082
570-1170-3	W-19-M16	Total/NA	Water	NWTPH-Dx	5082
570-1170-4	W-17-MW25	Total/NA	Water	NWTPH-Dx	5082
570-1170-5	W-19-KMW11	Total/NA	Water	NWTPH-Dx	5082
MB 570-5082/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	5082
LCS 570-5082/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	5082
LCS 570-5082/4-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	5082
LCSD 570-5082/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	5082
LCSD 570-5082/5-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	5082

## HPLC/IC

### Analysis Batch: 4040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	300.0	
570-1170-2	W-16-MW8	Total/NA	Water	300.0	
570-1170-4	W-17-MW25	Total/NA	Water	300.0	
MB 570-4040/5	Method Blank	Total/NA	Water	300.0	
LCS 570-4040/6	Lab Control Sample	Total/NA	Water	300.0	
570-1170-2 MS	W-16-MW8	Total/NA	Water	300.0	
570-1170-2 MSD	W-16-MW8	Total/NA	Water	300.0	

### Analysis Batch: 4041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	300.0	
570-1170-2	W-16-MW8	Total/NA	Water	300.0	
570-1170-4	W-17-MW25	Total/NA	Water	300.0	
MB 570-4041/5	Method Blank	Total/NA	Water	300.0	
LCS 570-4041/6	Lab Control Sample	Total/NA	Water	300.0	
570-1170-2 MS	W-16-MW8	Total/NA	Water	300.0	
570-1170-2 MSD	W-16-MW8	Total/NA	Water	300.0	

## Metals

### Prep Batch: 5061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	3020A	
570-1170-2	W-16-MW8	Total/NA	Water	3020A	
570-1170-3	W-19-M16	Total/NA	Water	3020A	
570-1170-4	W-17-MW25	Total/NA	Water	3020A	
570-1170-5	W-19-KMW11	Total/NA	Water	3020A	
MB 570-5061/1-A	Method Blank	Total/NA	Water	3020A	

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# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Metals (Continued)

### Prep Batch: 5061 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-5061/2-A	Lab Control Sample	Total/NA	Water	3020A	
LCSD 570-5061/3-A	Lab Control Sample Dup	Total/NA	Water	3020A	
570-1170-1 MS	W-16-MW6	Total/NA	Water	3020A	
570-1170-1 MSD	W-16-MW6	Total/NA	Water	3020A	

### Filtration Batch: 5066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Dissolved	Water	Filtration	
570-1170-2	W-16-MW8	Dissolved	Water	Filtration	
570-1170-3	W-19-M16	Dissolved	Water	Filtration	
570-1170-4	W-17-MW25	Dissolved	Water	Filtration	
570-1170-5	W-19-KMW11	Dissolved	Water	Filtration	
MB 570-5066/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 570-5066/2-A	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 570-5066/3-A	Lab Control Sample Dup	Dissolved	Water	Filtration	
570-1170-3 MS	W-19-M16	Dissolved	Water	Filtration	
570-1170-3 MSD	W-19-M16	Dissolved	Water	Filtration	

### Analysis Batch: 5335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-3	W-19-M16	Dissolved	Water	6020	5066
MB 570-5066/1-A	Method Blank	Dissolved	Water	6020	5066
LCS 570-5066/2-A	Lab Control Sample	Dissolved	Water	6020	5066
LCSD 570-5066/3-A	Lab Control Sample Dup	Dissolved	Water	6020	5066
570-1170-3 MS	W-19-M16	Dissolved	Water	6020	5066
570-1170-3 MSD	W-19-M16	Dissolved	Water	6020	5066

### Prep Batch: 5339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-5339/1-A	Method Blank	Total/NA	Water	200.8	
LCS 570-5339/2-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 570-5339/3-A	Lab Control Sample Dup	Total/NA	Water	200.8	
570-1460-A-1-B MS ^10	Matrix Spike	Total Recoverable	Water	200.8	
570-1460-A-1-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

### Analysis Batch: 5407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	6020	5061
570-1170-2	W-16-MW8	Total/NA	Water	6020	5061
570-1170-3	W-19-M16	Total/NA	Water	6020	5061
570-1170-4	W-17-MW25	Total/NA	Water	6020	5061
570-1170-5	W-19-KMW11	Total/NA	Water	6020	5061
MB 570-5061/1-A	Method Blank	Total/NA	Water	6020	5061
LCS 570-5061/2-A	Lab Control Sample	Total/NA	Water	6020	5061
LCSD 570-5061/3-A	Lab Control Sample Dup	Total/NA	Water	6020	5061
570-1170-1 MS	W-16-MW6	Total/NA	Water	6020	5061
570-1170-1 MSD	W-16-MW6	Total/NA	Water	6020	5061

### Analysis Batch: 5410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Dissolved	Water	6020	5066

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# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Metals (Continued)

### Analysis Batch: 5410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-2	W-16-MW8	Dissolved	Water	6020	5066
570-1170-4	W-17-MW25	Dissolved	Water	6020	5066
570-1170-5	W-19-KMW11	Dissolved	Water	6020	5066

### Analysis Batch: 5701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-4	W-17-MW25	Total/NA	Water	6020	5061
MB 570-5339/1-A	Method Blank	Total/NA	Water	6020	5339
LCS 570-5339/2-A	Lab Control Sample	Total/NA	Water	6020	5339
LCSD 570-5339/3-A	Lab Control Sample Dup	Total/NA	Water	6020	5339
570-1460-A-1-B MS ^10	Matrix Spike	Total Recoverable	Water	6020	5339
570-1460-A-1-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	6020	5339

## General Chemistry

### Analysis Batch: 4084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	SM 3500 Fe B	
570-1170-2	W-16-MW8	Total/NA	Water	SM 3500 Fe B	
570-1170-4	W-17-MW25	Total/NA	Water	SM 3500 Fe B	
MB 570-4084/4	Method Blank	Total/NA	Water	SM 3500 Fe B	
LCS 570-4084/5	Lab Control Sample	Total/NA	Water	SM 3500 Fe B	
LCSD 570-4084/6	Lab Control Sample Dup	Total/NA	Water	SM 3500 Fe B	
570-1170-1 MS	W-16-MW6	Total/NA	Water	SM 3500 Fe B	
570-1170-1 MSD	W-16-MW6	Total/NA	Water	SM 3500 Fe B	

### Analysis Batch: 4480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1170-1	W-16-MW6	Total/NA	Water	SM 2320B	
570-1170-2	W-16-MW8	Total/NA	Water	SM 2320B	
570-1170-4	W-17-MW25	Total/NA	Water	SM 2320B	
MB 570-4480/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-4480/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-4480/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-1165-J-1 DU	Duplicate	Total/NA	Water	SM 2320B	

# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

**Client Sample ID: W-16-MW6**

**Lab Sample ID: 570-1170-1**

**Date Collected: 07/08/19 12:05**

**Matrix: Water**

**Date Received: 07/09/19 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B Instrument ID: GCMSWW		1	5 mL	5 mL	4285	07/11/19 00:01	UJHB	ECL 2
Total/NA	Analysis	NWTPH-Gx Instrument ID: GC56		1	5 mL	5 mL	5475	07/16/19 21:01	UL9Z	ECL 2
Total/NA	Analysis	RSK-175 Instrument ID: GC14		4	1 mL	1 mL	4220	07/09/19 14:08	WMI4	ECL 2
Total/NA	Analysis	RSK-175 Instrument ID: GC52		1	2 mL	2 mL	4189	07/09/19 15:51	LEW3	ECL 2
Total/NA	Prep	3510C			520 mL	5 mL	5082	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx Instrument ID: GC48		1			6575	07/20/19 20:50	N5Y3	ECL 1
Total/NA	Analysis	300.0 Instrument ID: IC10		1			4040	07/09/19 15:52	J7WE	ECL 1
Total/NA	Analysis	300.0 Instrument ID: IC10		1			4041	07/09/19 15:52	J7WE	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	5066	07/13/19 14:00	WL8G	ECL 1
Dissolved	Analysis	6020 Instrument ID: ICPMS05		1			5410	07/15/19 16:49	UFLE	ECL 1
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020 Instrument ID: ICPMS05		1			5407	07/15/19 18:16	UFLE	ECL 1
Total/NA	Analysis	SM 2320B Instrument ID: ManSciMantech		1	35 mL	35 mL	4480	07/09/19 21:55	ED6R	ECL 1
Total/NA	Analysis	SM 3500 Fe B Instrument ID: UV9		1	50 mL	100 mL	4084	07/09/19 11:37	UAPD	ECL 1

**Client Sample ID: W-16-MW8**

**Lab Sample ID: 570-1170-2**

**Date Collected: 07/08/19 13:45**

**Matrix: Water**

**Date Received: 07/09/19 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B Instrument ID: GCMSWW		1	5 mL	5 mL	4285	07/11/19 00:31	UJHB	ECL 2
Total/NA	Analysis	NWTPH-Gx Instrument ID: GC56		1	5 mL	5 mL	5475	07/16/19 22:26	UL9Z	ECL 2
Total/NA	Analysis	RSK-175 Instrument ID: GC14		1	1 mL	1 mL	4220	07/09/19 14:29	WMI4	ECL 2
Total/NA	Analysis	RSK-175 Instrument ID: GC52		1	2 mL	2 mL	4189	07/09/19 16:17	LEW3	ECL 2
Total/NA	Prep	3510C			510 mL	5 mL	5082	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx Instrument ID: GC48		1			6575	07/20/19 21:12	N5Y3	ECL 1
Total/NA	Analysis	300.0 Instrument ID: IC10		1			4040	07/09/19 16:10	J7WE	ECL 1

Eurofins Calscience LLC

# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Client Sample ID: W-16-MW8

Date Collected: 07/08/19 13:45

Date Received: 07/09/19 08:00

## Lab Sample ID: 570-1170-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			4041	07/09/19 16:10	J7WE	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	5066	07/13/19 14:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			5410	07/15/19 16:52	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			5407	07/15/19 18:35	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	4480	07/09/19 22:02	ED6R	ECL 1
Instrument ID: ManSciMantech										
Total/NA	Analysis	SM 3500 Fe B		1	50 mL	100 mL	4084	07/09/19 11:38	UAPD	ECL 1
Instrument ID: UV9										

## Client Sample ID: W-19-M16

Date Collected: 07/08/19 09:45

Date Received: 07/09/19 08:00

## Lab Sample ID: 570-1170-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	4285	07/11/19 01:01	UJHB	ECL 2
Instrument ID: GCMSWW										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	5475	07/16/19 22:54	UL9Z	ECL 2
Instrument ID: GC56										
Total/NA	Prep	3510C			520 mL	5 mL	5082	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/20/19 21:33	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	5066	07/13/19 14:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			5335	07/15/19 13:27	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			5407	07/15/19 18:38	UFLE	ECL 1
Instrument ID: ICPMS05										

## Client Sample ID: W-17-MW25

Date Collected: 07/08/19 13:10

Date Received: 07/09/19 08:00

## Lab Sample ID: 570-1170-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	4285	07/11/19 01:31	UJHB	ECL 2
Instrument ID: GCMSWW										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	5475	07/16/19 21:30	UL9Z	ECL 2
Instrument ID: GC56										
Total/NA	Analysis	RSK-175		1	1 mL	1 mL	4220	07/09/19 14:50	WMI4	ECL 2
Instrument ID: GC14										
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	4189	07/09/19 16:44	LEW3	ECL 2
Instrument ID: GC52										

Eurofins Calscience LLC

# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

**Client Sample ID: W-17-MW25**

**Lab Sample ID: 570-1170-4**

**Date Collected: 07/08/19 13:10**

**Matrix: Water**

**Date Received: 07/09/19 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			520 mL	5 mL	5082	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx Instrument ID: GC48		1			6575	07/20/19 21:55	N5Y3	ECL 1
Total/NA	Analysis	300.0 Instrument ID: IC10		1			4040	07/09/19 17:07	J7WE	ECL 1
Total/NA	Analysis	300.0 Instrument ID: IC10		10			4041	07/09/19 18:41	J7WE	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	5066	07/13/19 14:00	WL8G	ECL 1
Dissolved	Analysis	6020 Instrument ID: ICPMS05		1			5410	07/15/19 16:55	UFLE	ECL 1
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020 Instrument ID: ICPMS05		1			5407	07/15/19 18:41	UFLE	ECL 1
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020 Instrument ID: ICPMS05		5			5701	07/16/19 17:56	UFLE	ECL 1
Total/NA	Analysis	SM 2320B Instrument ID: ManSciMantech		1	35 mL	35 mL	4480	07/09/19 22:09	ED6R	ECL 1
Total/NA	Analysis	SM 3500 Fe B Instrument ID: UV9		1	50 mL	100 mL	4084	07/09/19 11:39	UAPD	ECL 1

**Client Sample ID: W-19-KMW11**

**Lab Sample ID: 570-1170-5**

**Date Collected: 07/08/19 10:30**

**Matrix: Water**

**Date Received: 07/09/19 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B Instrument ID: GCMSWW		1	5 mL	5 mL	4285	07/11/19 02:01	UJHB	ECL 2
Total/NA	Analysis	NWTPH-Gx Instrument ID: GC56		1	5 mL	5 mL	5475	07/16/19 21:58	UL9Z	ECL 2
Total/NA	Prep	3510C			520 mL	5 mL	5082	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx Instrument ID: GC48		1			6575	07/20/19 22:17	N5Y3	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	5066	07/13/19 14:00	WL8G	ECL 1
Dissolved	Analysis	6020 Instrument ID: ICPMS05		1			5410	07/15/19 16:58	UFLE	ECL 1
Total/NA	Prep	3020A			50 mL	50 mL	5061	07/12/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020 Instrument ID: ICPMS05		1			5407	07/15/19 18:49	UFLE	ECL 1

**Laboratory References:**

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494  
 ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494  
 ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0781	03-13-20
California	SCAQMD LAP	9	N/A	11-30-19
California	State Program	9	2944	09-30-19
Guam	State Program	9	19-004R	10-31-19
Hawaii	State Program	9	N/A	01-29-20
Nevada	State Program	9	CA00111	07-31-19
Oregon	NELAP Primary AB	10	CA300001	01-20-20
Washington	State Program	10	C916	10-11-19

# Method Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
RSK-175	Dissolved Gases (GC)	RSK	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6020	Metals (ICP/MS)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 3500 Fe B	Iron, Ferrous	SM	ECL 1
3020A	Preparation, Total Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL
Filtration	Sample Filtration	None	ECL 1

## Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

NWTPH = Northwest Total Petroleum Hydrocarbon

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

## Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1170-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-1170-1	W-16-MW6	Water	07/08/19 12:05	07/09/19 08:00	
570-1170-2	W-16-MW8	Water	07/08/19 13:45	07/09/19 08:00	
570-1170-3	W-19-M16	Water	07/08/19 09:45	07/09/19 08:00	
570-1170-4	W-17-MW25	Water	07/08/19 13:10	07/09/19 08:00	
570-1170-5	W-19-KMW11	Water	07/08/19 10:30	07/09/19 08:00	

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## Cecile L de Guia

---

**From:** Cam Penner-Ash <cameron.penner-ash@cardno.com>  
**Sent:** Friday, July 26, 2019 1:27 PM  
**To:** Cecile L de Guia; Laina Cole; Bobby Thompson  
**Subject:** RE: 99D9T; 570-1170

EXTERNAL EMAIL\*

Hi Cecile,

The sample labels are correct, the CoC is incorrect. The samples (MW6, MW8, MW16, MW25 and KMW11) were collected on 07/08/19.

Thanks,

**Cameron Penner-Ash**  
SENIOR STAFF GEOLOGIST  
CARDNO

Direct +1 206 269 0104 Cell +1 503 869 1196  
Address 801 Second Avenue Suite 1150, Seattle, Washington 98104  
Email [cameron.penner-ash@cardno.com](mailto:cameron.penner-ash@cardno.com) Web [www.cardno.com](http://www.cardno.com)

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---

**From:** Cecile L de Guia <[CecileLdeGuia@eurofinsUS.com](mailto:CecileLdeGuia@eurofinsUS.com)>  
**Sent:** Friday, July 26, 2019 1:21 PM  
**To:** Laina Cole <[laina.cole@cardno.com](mailto:laina.cole@cardno.com)>; Bobby Thompson <[robert.thompson@cardno.com](mailto:robert.thompson@cardno.com)>; Cam Penner-Ash <[cameron.penner-ash@cardno.com](mailto:cameron.penner-ash@cardno.com)>  
**Subject:** 99D9T; 570-1170  
**Importance:** High

Good afternoon,  
The collection date on the labels for all samples says 07/08/2019 and they didn't match the attached COC.  
Please confirm sampling date.  
Thank you.

Best regards,  
Cecile de Guia  
Project Manager  
Eurofins Calscience, LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
USA

Phone: +1 714 895 5494

Email: [ceciledeguia@eurofinsUS.com](mailto:ceciledeguia@eurofinsUS.com)

Website: [www.eurofinsUS.com/Calscience](http://www.eurofinsUS.com/Calscience)

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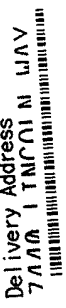
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**FedEx**  
**FIRST OVERNIGHT**  
 Delivery Address  
 7/1/00 11:00 AM WLV



0200  
 8135 3321 7270

Company \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Your Internal Billing Reference \_\_\_\_\_  
 To Recipient's Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_ We cannot deliver to PO boxes or PO ZIP codes  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Dipex/Floor/Suite/Room \_\_\_\_\_  
 Dipex/Floor/Suite/Room \_\_\_\_\_

00.463.3339

**FO**

fedex.com 1.800.GoFedEx 1.800.463.3339

**4 Express Package Service**

**1 Next Business Day**  
 Next Business Day (Monday-Friday)  
 **2 or 3 Business Days**  
 **FedEx 2Day** (Second business afternoon)  
 **FedEx 2Day AM** (Third business day)  
 **FedEx Express Saver** (Third business day)  
 **FedEx Overnight** (Saturday Delivery NOT available)

**5 Packaging**

FedEX Envelope  FedEX Pak  FedEX Box  FedEX Tube  Other

**6 Special Handling and Delivery Signature-Options**

**Signature Required** (Package may be left without clearing a signature for delivery)  
 **Direct Signature** (Someone at recipient's address may sign for delivery)  
 **Indirect Sign** (If no one is available, address someone to return to sender)  
 **Signature Confirmation** (Provides proof of delivery)  
 **Signature Required - Restricted** (Restrictions apply for dangerous goods - see the carrier's FedEx Service Guide)

**7 Payment Bill to:**

**Sender** (FedEx Account No. on Billing Statement)  
 **Recipient**  
 **Third Party**  
 **Credit Card**  
 **Cash/Check**

**Total Packages** \_\_\_\_\_ **Weight** \_\_\_\_\_ lbs

**FedEx**  
 TRK# 8135 3321 7270

**FedEx**  
 TRK# 8135 3321 7270

**FedEx**  
 TRK# 8135 3321 7260

**W1 APVA**

**W1 APVA**

**W1 APVA**

**TUE - 09 JUL 8:00A**  
**FIRST OVERNIGHT**

**TUE - 09 JUL 8:00A**  
**FIRST OVERNIGHT**

**TUE - 09 JUL 8:00A**  
**FIRST OVERNIGHT**

Loc: 570  
 1170

Loc: 570  
 1170 #1  
 A

Loc: 570  
 1170

**570-1170**

92841  
 CA-US  
**SNA**  
 Loc: 570  
 1170

92841  
 CA-US  
**SNA**  
 Loc: 570  
 1170

92841  
 CA-US  
**SNA**  
 Loc: 570  
 1170



570-1170 Waybl



# Login Sample Receipt Checklist

Client: Cardno, Inc

Job Number: 570-1170-1

**Login Number: 1170**

**List Number: 1**

**Creator: Escalante, Maria I**

**List Source: Eurofins Calscience**

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	

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-1648-1

Client Project/Site: ExxonMobil 99D9T / 031162

For:

Cardno, Inc  
801 Second Ave  
Suite 700  
Seattle, Washington 98104

Attn: Bobby Thompson

*Cecile de Guia*

---

Authorized for release by:  
7/26/2019 10:41:31 AM

Cecile de Guia, Project Manager I  
(714)895-5494  
[ceciledeguia@eurofinsus.com](mailto:ceciledeguia@eurofinsus.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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.*



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# Definitions/Glossary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
F4	MS/MSD RPD exceeds control limits due to sample size difference.

## 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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

# Case Narrative

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

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## Job ID: 570-1648-1

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### Laboratory: Eurofins Calscience LLC

#### Narrative

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#### Job Narrative 570-1648-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 7/12/2019 11:52 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 2.2° C, 2.5° C, 2.8° C and 2.9° C.

#### GC/MS VOA

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

#### HPLC/IC

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

#### GC VOA

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

#### GC Semi VOA

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was inconsistent with the typical diesel fuel pattern used by the laboratory for quantitative purposes: W-17-MW26 (570-1648-13) and W-17-DPE1 (570-1648-16).

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

#### Metals

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

#### Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-5083 and 570-5083.NWTPH\_DX.UFLU

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

#### VOA Prep

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

# Detection Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-16-MW5**

**Lab Sample ID: 570-1648-1**

No Detections.

**Client Sample ID: W-16-MW13**

**Lab Sample ID: 570-1648-2**

No Detections.

**Client Sample ID: W-18-MW12A**

**Lab Sample ID: 570-1648-3**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1200000		20000	ug/L	20		300.0	Total/NA

**Client Sample ID: W-20-MW14**

**Lab Sample ID: 570-1648-4**

No Detections.

**Client Sample ID: W-19-MW15A**

**Lab Sample ID: 570-1648-5**

No Detections.

**Client Sample ID: W-20-MW17**

**Lab Sample ID: 570-1648-6**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.47		1.00	ug/L	1		6020	Total/NA

**Client Sample ID: W-18-MW18**

**Lab Sample ID: 570-1648-7**

No Detections.

**Client Sample ID: W-18-MW19**

**Lab Sample ID: 570-1648-8**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.08		1.00	ug/L	1		6020	Total/NA

**Client Sample ID: W-17-MW20**

**Lab Sample ID: 570-1648-9**

No Detections.

**Client Sample ID: W-16-MW22**

**Lab Sample ID: 570-1648-10**

No Detections.

**Client Sample ID: W-17-MW23**

**Lab Sample ID: 570-1648-11**

No Detections.

**Client Sample ID: W-16-MW24**

**Lab Sample ID: 570-1648-12**

No Detections.

**Client Sample ID: W-17-MW26**

**Lab Sample ID: 570-1648-13**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	99		98	ug/L	1		NWTPH-Dx	Total/NA

**Client Sample ID: W-17-KMW9**

**Lab Sample ID: 570-1648-14**

No Detections.

**Client Sample ID: W-19-KMW10**

**Lab Sample ID: 570-1648-15**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-17-DPE1**

**Lab Sample ID: 570-1648-16**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		1.0	ug/L	1		8260B	Total/NA
TPH as Diesel Range	170		98	ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-16-MW5**

**Lab Sample ID: 570-1648-1**

**Date Collected: 07/11/19 09:20**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/16/19 22:55	1
Ethylbenzene	ND		1.0	ug/L			07/16/19 22:55	1
Toluene	ND		1.0	ug/L			07/16/19 22:55	1
m,p-Xylene	ND		2.0	ug/L			07/16/19 22:55	1
o-Xylene	ND		1.0	ug/L			07/16/19 22:55	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		80 - 129		07/16/19 22:55	1
4-Bromofluorobenzene (Surr)	104		77 - 120		07/16/19 22:55	1
Dibromofluoromethane	107		80 - 128		07/16/19 22:55	1
Toluene-d8 (Surr)	101		80 - 120		07/16/19 22:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		38 - 134		07/20/19 00:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:11	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	78		68 - 140	07/14/19 12:14	07/21/19 01:11	1

## Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	F2 F1	5.00	ug/L		07/16/19 15:00	07/18/19 18:48	5

## Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	F1 F2	1.00	ug/L			07/19/19 16:36	1

**Client Sample ID: W-16-MW13**

**Lab Sample ID: 570-1648-2**

**Date Collected: 07/09/19 11:40**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/17/19 00:43	1
Ethylbenzene	ND		1.0	ug/L			07/17/19 00:43	1
Toluene	ND		1.0	ug/L			07/17/19 00:43	1
m,p-Xylene	ND		2.0	ug/L			07/17/19 00:43	1
o-Xylene	ND		1.0	ug/L			07/17/19 00:43	1
Xylenes, Total	ND		3.0	ug/L			07/17/19 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		80 - 129		07/17/19 00:43	1
4-Bromofluorobenzene (Surr)	106		77 - 120		07/17/19 00:43	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-16-MW13**

**Lab Sample ID: 570-1648-2**

Date Collected: 07/09/19 11:40

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		80 - 128		07/17/19 00:43	1
Toluene-d8 (Surr)	101		80 - 120		07/17/19 00:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		38 - 134		07/19/19 18:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:32	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	79		68 - 140	07/14/19 12:14	07/21/19 01:32	1

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:07	1

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 16:55	1

**Client Sample ID: W-18-MW12A**

**Lab Sample ID: 570-1648-3**

Date Collected: 07/09/19 12:30

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/17/19 01:09	1
Ethylbenzene	ND		1.0	ug/L			07/17/19 01:09	1
Toluene	ND		1.0	ug/L			07/17/19 01:09	1
m,p-Xylene	ND		2.0	ug/L			07/17/19 01:09	1
o-Xylene	ND		1.0	ug/L			07/17/19 01:09	1
Xylenes, Total	ND		3.0	ug/L			07/17/19 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		80 - 129		07/17/19 01:09	1
4-Bromofluorobenzene (Surr)	106		77 - 120		07/17/19 01:09	1
Dibromofluoromethane	99		80 - 128		07/17/19 01:09	1
Toluene-d8 (Surr)	101		80 - 120		07/17/19 01:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		38 - 134		07/19/19 20:03	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-18-MW12A**

**Lab Sample ID: 570-1648-3**

Date Collected: 07/09/19 12:30

Matrix: Water

Date Received: 07/12/19 11:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:54	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/21/19 01:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n-Octacosane (Surr)</i>	82		68 - 140			07/14/19 12:14	07/21/19 01:54	1

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1200000		20000	ug/L			07/12/19 21:05	20

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00	ug/L		07/16/19 15:00	07/18/19 19:10	5

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 16:58	1

**Client Sample ID: W-20-MW14**

**Lab Sample ID: 570-1648-4**

Date Collected: 07/09/19 09:25

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/17/19 01:36	1
Ethylbenzene	ND		1.0	ug/L			07/17/19 01:36	1
Toluene	ND		1.0	ug/L			07/17/19 01:36	1
m,p-Xylene	ND		2.0	ug/L			07/17/19 01:36	1
o-Xylene	ND		1.0	ug/L			07/17/19 01:36	1
Xylenes, Total	ND		3.0	ug/L			07/17/19 01:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	121		80 - 129				07/17/19 01:36	1
<i>4-Bromofluorobenzene (Surr)</i>	104		77 - 120				07/17/19 01:36	1
<i>Dibromofluoromethane</i>	103		80 - 128				07/17/19 01:36	1
<i>Toluene-d8 (Surr)</i>	102		80 - 120				07/17/19 01:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 20:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	73		38 - 134				07/19/19 20:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:43	07/22/19 16:48	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:43	07/22/19 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n-Octacosane (Surr)</i>	77		68 - 140			07/14/19 12:43	07/22/19 16:48	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-20-MW14

Lab Sample ID: 570-1648-4

Date Collected: 07/09/19 09:25

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00	ug/L		07/16/19 15:00	07/18/19 19:13	5

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:01	1

## Client Sample ID: W-19-MW15A

Lab Sample ID: 570-1648-5

Date Collected: 07/09/19 10:15

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/17/19 02:03	1
Ethylbenzene	ND		1.0	ug/L			07/17/19 02:03	1
Toluene	ND		1.0	ug/L			07/17/19 02:03	1
m,p-Xylene	ND		2.0	ug/L			07/17/19 02:03	1
o-Xylene	ND		1.0	ug/L			07/17/19 02:03	1
Xylenes, Total	ND		3.0	ug/L			07/17/19 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		80 - 129		07/17/19 02:03	1
4-Bromofluorobenzene (Surr)	106		77 - 120		07/17/19 02:03	1
Dibromofluoromethane	102		80 - 128		07/17/19 02:03	1
Toluene-d8 (Surr)	101		80 - 120		07/17/19 02:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		38 - 134		07/19/19 21:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/21/19 02:37	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/21/19 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	75		68 - 140	07/14/19 12:14	07/21/19 02:37	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:16	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:04	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-20-MW17**

**Lab Sample ID: 570-1648-6**

Date Collected: 07/09/19 08:25

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/17/19 02:30	1
Ethylbenzene	ND		1.0	ug/L			07/17/19 02:30	1
Toluene	ND		1.0	ug/L			07/17/19 02:30	1
m,p-Xylene	ND		2.0	ug/L			07/17/19 02:30	1
o-Xylene	ND		1.0	ug/L			07/17/19 02:30	1
Xylenes, Total	ND		3.0	ug/L			07/17/19 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		80 - 129		07/17/19 02:30	1
4-Bromofluorobenzene (Surr)	107		77 - 120		07/17/19 02:30	1
Dibromofluoromethane	103		80 - 128		07/17/19 02:30	1
Toluene-d8 (Surr)	101		80 - 120		07/17/19 02:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		38 - 134		07/19/19 21:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/21/19 02:59	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/21/19 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	70		68 - 140	07/14/19 12:14	07/21/19 02:59	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.47		1.00	ug/L		07/16/19 15:00	07/18/19 19:18	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:06	1

**Client Sample ID: W-18-MW18**

**Lab Sample ID: 570-1648-7**

Date Collected: 07/09/19 13:55

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/18/19 23:25	1
Ethylbenzene	ND		1.0	ug/L			07/18/19 23:25	1
Toluene	ND		1.0	ug/L			07/18/19 23:25	1
m,p-Xylene	ND		2.0	ug/L			07/18/19 23:25	1
o-Xylene	ND		1.0	ug/L			07/18/19 23:25	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		80 - 129		07/18/19 23:25	1
4-Bromofluorobenzene (Surr)	97		77 - 120		07/18/19 23:25	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-18-MW18**

**Lab Sample ID: 570-1648-7**

Date Collected: 07/09/19 13:55

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 128		07/18/19 23:25	1
Toluene-d8 (Surr)	99		80 - 120		07/18/19 23:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		38 - 134		07/19/19 22:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/21/19 03:21	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/21/19 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	80		68 - 140	07/14/19 12:14	07/21/19 03:21	1

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:21	1

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:09	1

**Client Sample ID: W-18-MW19**

**Lab Sample ID: 570-1648-8**

Date Collected: 07/10/19 09:00

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 01:12	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 01:12	1
Toluene	ND		1.0	ug/L			07/19/19 01:12	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 01:12	1
o-Xylene	ND		1.0	ug/L			07/19/19 01:12	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 129		07/19/19 01:12	1
4-Bromofluorobenzene (Surr)	98		77 - 120		07/19/19 01:12	1
Dibromofluoromethane	99		80 - 128		07/19/19 01:12	1
Toluene-d8 (Surr)	100		80 - 120		07/19/19 01:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69		38 - 134		07/20/19 00:36	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-18-MW19

Lab Sample ID: 570-1648-8

Date Collected: 07/10/19 09:00

Matrix: Water

Date Received: 07/12/19 11:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/22/19 17:09	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/22/19 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n-Octacosane (Surr)</i>	73		68 - 140			07/14/19 12:14	07/22/19 17:09	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.08		1.00	ug/L		07/16/19 15:00	07/18/19 19:24	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:12	1

## Client Sample ID: W-17-MW20

Lab Sample ID: 570-1648-9

Date Collected: 07/10/19 10:05

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 01:39	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 01:39	1
Toluene	ND		1.0	ug/L			07/19/19 01:39	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 01:39	1
o-Xylene	ND		1.0	ug/L			07/19/19 01:39	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		80 - 129				07/19/19 01:39	1
<i>4-Bromofluorobenzene (Surr)</i>	98		77 - 120				07/19/19 01:39	1
<i>Dibromofluoromethane</i>	99		80 - 128				07/19/19 01:39	1
<i>Toluene-d8 (Surr)</i>	99		80 - 120				07/19/19 01:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 01:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	72		38 - 134				07/20/19 01:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/22/19 17:31	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/22/19 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n-Octacosane (Surr)</i>	71		68 - 140			07/14/19 12:14	07/22/19 17:31	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00	ug/L		07/16/19 15:00	07/18/19 19:26	5

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# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-17-MW20

Lab Sample ID: 570-1648-9

Date Collected: 07/10/19 10:05

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:14	1

## Client Sample ID: W-16-MW22

Lab Sample ID: 570-1648-10

Date Collected: 07/10/19 13:40

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 02:06	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 02:06	1
Toluene	ND		1.0	ug/L			07/19/19 02:06	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 02:06	1
o-Xylene	ND		1.0	ug/L			07/19/19 02:06	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 129		07/19/19 02:06	1
4-Bromofluorobenzene (Surr)	97		77 - 120		07/19/19 02:06	1
Dibromofluoromethane	98		80 - 128		07/19/19 02:06	1
Toluene-d8 (Surr)	99		80 - 120		07/19/19 02:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		38 - 134		07/20/19 01:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/21/19 04:26	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/21/19 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	74		68 - 140	07/14/19 12:14	07/21/19 04:26	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:29	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:17	1

## Client Sample ID: W-17-MW23

Lab Sample ID: 570-1648-11

Date Collected: 07/11/19 11:10

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 02:32	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 02:32	1

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# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-17-MW23**

**Lab Sample ID: 570-1648-11**

Date Collected: 07/11/19 11:10

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	ug/L			07/19/19 02:32	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 02:32	1
o-Xylene	ND		1.0	ug/L			07/19/19 02:32	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 02:32	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	96		80 - 129				07/19/19 02:32	1
4-Bromofluorobenzene (Surr)	98		77 - 120				07/19/19 02:32	1
Dibromofluoromethane	100		80 - 128				07/19/19 02:32	1
Toluene-d8 (Surr)	99		80 - 120				07/19/19 02:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 02:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	71		38 - 134				07/20/19 02:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/22/19 17:53	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/22/19 17:53	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
n-Octacosane (Surr)	115		68 - 140			07/14/19 12:14	07/22/19 17:53	1

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:40	1

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:20	1

**Client Sample ID: W-16-MW24**

**Lab Sample ID: 570-1648-12**

Date Collected: 07/11/19 10:15

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 02:59	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 02:59	1
Toluene	ND		1.0	ug/L			07/19/19 02:59	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 02:59	1
o-Xylene	ND		1.0	ug/L			07/19/19 02:59	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 02:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	98		80 - 129				07/19/19 02:59	1
4-Bromofluorobenzene (Surr)	98		77 - 120				07/19/19 02:59	1
Dibromofluoromethane	102		80 - 128				07/19/19 02:59	1
Toluene-d8 (Surr)	99		80 - 120				07/19/19 02:59	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-16-MW24**

**Lab Sample ID: 570-1648-12**

Date Collected: 07/11/19 10:15

Matrix: Water

Date Received: 07/12/19 11:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 02:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		38 - 134				07/20/19 02:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		96	ug/L		07/14/19 12:14	07/22/19 18:14	1
TPH as Motor Oil Range	ND		96	ug/L		07/14/19 12:14	07/22/19 18:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		68 - 140			07/14/19 12:14	07/22/19 18:14	1

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:43	1

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:31	1

**Client Sample ID: W-17-MW26**

**Lab Sample ID: 570-1648-13**

Date Collected: 07/11/19 08:30

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 03:26	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 03:26	1
Toluene	ND		1.0	ug/L			07/19/19 03:26	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 03:26	1
o-Xylene	ND		1.0	ug/L			07/19/19 03:26	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 03:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 129				07/19/19 03:26	1
4-Bromofluorobenzene (Surr)	98		77 - 120				07/19/19 03:26	1
Dibromofluoromethane	102		80 - 128				07/19/19 03:26	1
Toluene-d8 (Surr)	100		80 - 120				07/19/19 03:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 03:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61		38 - 134				07/20/19 03:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	99		98	ug/L		07/14/19 12:14	07/22/19 18:36	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/22/19 18:36	1

Eurofins Calscience LLC

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-17-MW26

Lab Sample ID: 570-1648-13

Date Collected: 07/11/19 08:30

Matrix: Water

Date Received: 07/12/19 11:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	94		68 - 140	07/14/19 12:14	07/22/19 18:36	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00	ug/L		07/16/19 15:00	07/18/19 19:46	5

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:33	1

## Client Sample ID: W-17-KMW9

Lab Sample ID: 570-1648-14

Date Collected: 07/10/19 11:10

Matrix: Water

Date Received: 07/12/19 11:52

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 03:53	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 03:53	1
Toluene	ND		1.0	ug/L			07/19/19 03:53	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 03:53	1
o-Xylene	ND		1.0	ug/L			07/19/19 03:53	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 129		07/19/19 03:53	1
4-Bromofluorobenzene (Surr)	98		77 - 120		07/19/19 03:53	1
Dibromofluoromethane	101		80 - 128		07/19/19 03:53	1
Toluene-d8 (Surr)	99		80 - 120		07/19/19 03:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67		38 - 134		07/20/19 04:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		98	ug/L		07/14/19 12:14	07/22/19 18:58	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/22/19 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	87		68 - 140	07/14/19 12:14	07/22/19 18:58	1

### Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:48	1

### Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:36	1

# Client Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-19-KMW10**

**Lab Sample ID: 570-1648-15**

Date Collected: 07/09/19 11:00

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/19/19 04:20	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 04:20	1
Toluene	ND		1.0	ug/L			07/19/19 04:20	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 04:20	1
o-Xylene	ND		1.0	ug/L			07/19/19 04:20	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 129		07/19/19 04:20	1
4-Bromofluorobenzene (Surr)	98		77 - 120		07/19/19 04:20	1
Dibromofluoromethane	102		80 - 128		07/19/19 04:20	1
Toluene-d8 (Surr)	98		80 - 120		07/19/19 04:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		38 - 134		07/19/19 22:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/22/19 19:20	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/22/19 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	132		68 - 140	07/14/19 12:14	07/22/19 19:20	1

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 19:51	1

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:39	1

**Client Sample ID: W-17-DPE1**

**Lab Sample ID: 570-1648-16**

Date Collected: 07/10/19 12:15

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>1.2</b>		1.0	ug/L			07/19/19 04:46	1
Ethylbenzene	ND		1.0	ug/L			07/19/19 04:46	1
Toluene	ND		1.0	ug/L			07/19/19 04:46	1
m,p-Xylene	ND		2.0	ug/L			07/19/19 04:46	1
o-Xylene	ND		1.0	ug/L			07/19/19 04:46	1
Xylenes, Total	ND		3.0	ug/L			07/19/19 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 129		07/19/19 04:46	1
4-Bromofluorobenzene (Surr)	98		77 - 120		07/19/19 04:46	1

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# Client Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-17-DPE1**

**Lab Sample ID: 570-1648-16**

Date Collected: 07/10/19 12:15

Matrix: Water

Date Received: 07/12/19 11:52

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 128		07/19/19 04:46	1
Toluene-d8 (Surr)	100		80 - 120		07/19/19 04:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/20/19 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		38 - 134		07/20/19 04:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	170		98	ug/L		07/14/19 12:14	07/22/19 19:41	1
TPH as Motor Oil Range	ND		98	ug/L		07/14/19 12:14	07/22/19 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	122		68 - 140		07/14/19 12:14	07/22/19 19:41

**Method: 6020 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00	ug/L		07/16/19 15:00	07/18/19 19:54	5

**Method: 6020 - Metals (ICP/MS) - Dissolved**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 17:42	1

# Surrogate Summary

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-129)	BFB (77-120)	DBFM (80-128)	TOL (80-120)
570-1648-1	W-16-MW5	121	104	107	101
570-1648-1 MS	W-16-MW5	119	109	109	100
570-1648-1 MSD	W-16-MW5	119	108	103	101
570-1648-2	W-16-MW13	120	106	103	101
570-1648-3	W-18-MW12A	119	106	99	101
570-1648-4	W-20-MW14	121	104	103	102
570-1648-5	W-19-MW15A	122	106	102	101
570-1648-6	W-20-MW17	122	107	103	101
570-1648-7	W-18-MW18	93	97	98	99
570-1648-7 MS	W-18-MW18	96	97	101	101
570-1648-7 MSD	W-18-MW18	95	98	99	99
570-1648-8	W-18-MW19	94	98	99	100
570-1648-9	W-17-MW20	95	98	99	99
570-1648-10	W-16-MW22	94	97	98	99
570-1648-11	W-17-MW23	96	98	100	99
570-1648-12	W-16-MW24	98	98	102	99
570-1648-13	W-17-MW26	99	98	102	100
570-1648-14	W-17-KMW9	100	98	101	99
570-1648-15	W-19-KMW10	99	98	102	98
570-1648-16	W-17-DPE1	99	98	101	100
LCS 570-5506/3	Lab Control Sample	116	108	106	100
LCS 570-6163/4	Lab Control Sample	92	97	100	100
MB 570-5506/5	Method Blank	120	107	108	101
MB 570-6163/6	Method Blank	94	98	98	99

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane  
 TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB1 (38-134)
570-1648-1	W-16-MW5	73
570-1648-2	W-16-MW13	74
570-1648-2 MS	W-16-MW13	90
570-1648-2 MSD	W-16-MW13	86
570-1648-3	W-18-MW12A	74
570-1648-4	W-20-MW14	73
570-1648-5	W-19-MW15A	75
570-1648-6	W-20-MW17	74
570-1648-7	W-18-MW18	72
570-1648-8	W-18-MW19	69
570-1648-9	W-17-MW20	72
570-1648-10	W-16-MW22	74
570-1648-11	W-17-MW23	71

# Surrogate Summary

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
570-1648-12	W-16-MW24	72
570-1648-13	W-17-MW26	61
570-1648-14	W-17-KMW9	67
570-1648-15	W-19-KMW10	71
570-1648-16	W-17-DPE1	71
LCS 570-6336/3	Lab Control Sample	90
LCSD 570-6336/4	Lab Control Sample Dup	90
MB 570-6336/5	Method Blank	71

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN (68-140)
570-1648-1	W-16-MW5	78
570-1648-2	W-16-MW13	79
570-1648-3	W-18-MW12A	82
570-1648-4	W-20-MW14	77
570-1648-5	W-19-MW15A	75
570-1648-6	W-20-MW17	70
570-1648-7	W-18-MW18	80
570-1648-8	W-18-MW19	73
570-1648-9	W-17-MW20	71
570-1648-10	W-16-MW22	74
570-1648-11	W-17-MW23	115
570-1648-12	W-16-MW24	89
570-1648-13	W-17-MW26	94
570-1648-14	W-17-KMW9	87
570-1648-15	W-19-KMW10	132
570-1648-16	W-17-DPE1	122
LCS 570-5083/2-A	Lab Control Sample	77
LCS 570-5083/4-A	Lab Control Sample	96
LCSD 570-5083/3-A	Lab Control Sample Dup	74
LCSD 570-5083/5-A	Lab Control Sample Dup	100
MB 570-5083/1-A	Method Blank	84

#### Surrogate Legend

OTCSN = n-Octacosane (Surr)

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-5506/5**  
**Matrix: Water**  
**Analysis Batch: 5506**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/16/19 22:29	1
Ethylbenzene	ND		1.0	ug/L			07/16/19 22:29	1
Toluene	ND		1.0	ug/L			07/16/19 22:29	1
m,p-Xylene	ND		2.0	ug/L			07/16/19 22:29	1
o-Xylene	ND		1.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1
Xylenes, Total	ND		3.0	ug/L			07/16/19 22:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		80 - 129		07/16/19 22:29	1
4-Bromofluorobenzene (Surr)	107		77 - 120		07/16/19 22:29	1
Dibromofluoromethane	108		80 - 128		07/16/19 22:29	1
Toluene-d8 (Surr)	101		80 - 120		07/16/19 22:29	1

**Lab Sample ID: LCS 570-5506/3**  
**Matrix: Water**  
**Analysis Batch: 5506**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.09		ug/L		100	78 - 120
Ethylbenzene	50.0	54.12		ug/L		108	80 - 120
Toluene	50.0	52.21		ug/L		104	80 - 122
m,p-Xylene	100	109.6		ug/L		110	80 - 125
o-Xylene	50.0	55.30		ug/L		111	80 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		80 - 129
4-Bromofluorobenzene (Surr)	108		77 - 120
Dibromofluoromethane	106		80 - 128
Toluene-d8 (Surr)	100		80 - 120

**Lab Sample ID: 570-1648-1 MS**  
**Matrix: Water**  
**Analysis Batch: 5506**

**Client Sample ID: W-16-MW5**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.0	49.20		ug/L		98	75 - 125
Ethylbenzene	ND		50.0	52.36		ug/L		105	75 - 125
Toluene	ND		50.0	49.78		ug/L		100	75 - 125
m,p-Xylene	ND		100	104.9		ug/L		105	75 - 133
o-Xylene	ND		50.0	53.76		ug/L		108	75 - 136

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# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	119		80 - 129
4-Bromofluorobenzene (Surr)	109		77 - 120
Dibromofluoromethane	109		80 - 128
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 570-1648-1 MSD  
 Matrix: Water  
 Analysis Batch: 5506

Client Sample ID: W-16-MW5  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	50.14		ug/L		100	75 - 125	2	20
Ethylbenzene	ND		50.0	55.13		ug/L		110	75 - 125	5	20
Toluene	ND		50.0	51.74		ug/L		103	75 - 125	4	20
m,p-Xylene	ND		100	110.7		ug/L		111	75 - 133	5	20
o-Xylene	ND		50.0	56.22		ug/L		112	75 - 136	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	119		80 - 129
4-Bromofluorobenzene (Surr)	108		77 - 120
Dibromofluoromethane	103		80 - 128
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 570-6163/6  
 Matrix: Water  
 Analysis Batch: 6163

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			07/18/19 22:58	1
Ethylbenzene	ND		1.0	ug/L			07/18/19 22:58	1
Toluene	ND		1.0	ug/L			07/18/19 22:58	1
m,p-Xylene	ND		2.0	ug/L			07/18/19 22:58	1
o-Xylene	ND		1.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1
Xylenes, Total	ND		3.0	ug/L			07/18/19 22:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 129		07/18/19 22:58	1
4-Bromofluorobenzene (Surr)	98		77 - 120		07/18/19 22:58	1
Dibromofluoromethane	98		80 - 128		07/18/19 22:58	1
Toluene-d8 (Surr)	99		80 - 120		07/18/19 22:58	1

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-6163/4**  
**Matrix: Water**  
**Analysis Batch: 6163**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.51		ug/L		101	78 - 120
Ethylbenzene	50.0	49.98		ug/L		100	80 - 120
Toluene	50.0	51.06		ug/L		102	80 - 122
m,p-Xylene	100	98.21		ug/L		98	80 - 125
o-Xylene	50.0	50.56		ug/L		101	80 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		80 - 129
4-Bromofluorobenzene (Surr)	97		77 - 120
Dibromofluoromethane	100		80 - 128
Toluene-d8 (Surr)	100		80 - 120

**Lab Sample ID: 570-1648-7 MS**  
**Matrix: Water**  
**Analysis Batch: 6163**

**Client Sample ID: W-18-MW18**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.0	48.83		ug/L		98	75 - 125
Ethylbenzene	ND		50.0	47.83		ug/L		96	75 - 125
Toluene	ND		50.0	48.91		ug/L		98	75 - 125
m,p-Xylene	ND		100	94.58		ug/L		95	75 - 133
o-Xylene	ND		50.0	49.04		ug/L		98	75 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 129
4-Bromofluorobenzene (Surr)	97		77 - 120
Dibromofluoromethane	101		80 - 128
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: 570-1648-7 MSD**  
**Matrix: Water**  
**Analysis Batch: 6163**

**Client Sample ID: W-18-MW18**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	50.54		ug/L		101	75 - 125	3	20
Ethylbenzene	ND		50.0	50.33		ug/L		101	75 - 125	5	20
Toluene	ND		50.0	50.84		ug/L		102	75 - 125	4	20
m,p-Xylene	ND		100	99.20		ug/L		99	75 - 133	5	20
o-Xylene	ND		50.0	51.19		ug/L		102	75 - 136	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		80 - 129
4-Bromofluorobenzene (Surr)	98		77 - 120
Dibromofluoromethane	99		80 - 128
Toluene-d8 (Surr)	99		80 - 120

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

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

**Lab Sample ID: MB 570-6336/5**  
**Matrix: Water**  
**Analysis Batch: 6336**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100	ug/L			07/19/19 14:56	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		38 - 134				07/19/19 14:56	1

**Lab Sample ID: LCS 570-6336/3**  
**Matrix: Water**  
**Analysis Batch: 6336**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Gasoline (C4-C13)	2000	2050		ug/L		103	78 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	90		38 - 134				

**Lab Sample ID: LCSD 570-6336/4**  
**Matrix: Water**  
**Analysis Batch: 6336**

**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
TPH as Gasoline (C4-C13)	2000	2060		ug/L		103	78 - 120	0	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	90		38 - 134						

**Lab Sample ID: 570-1648-2 MS**  
**Matrix: Water**  
**Analysis Batch: 6336**

**Client Sample ID: W-16-MW13**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Gasoline (C4-C13)	ND		2000	2133		ug/L		107	68 - 122
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	90		38 - 134						

**Lab Sample ID: 570-1648-2 MSD**  
**Matrix: Water**  
**Analysis Batch: 6336**

**Client Sample ID: W-16-MW13**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		2000	2036		ug/L		102	68 - 122	5	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	86		38 - 134								

# QC Sample Results

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

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

**Lab Sample ID: MB 570-5083/1-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 5083**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100	ug/L		07/14/19 12:14	07/20/19 23:22	1
TPH as Motor Oil Range	ND		100	ug/L		07/14/19 12:14	07/20/19 23:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n-Octacosane (Surr)</i>	84		68 - 140			07/14/19 12:14	07/20/19 23:22	1

**Lab Sample ID: LCS 570-5083/2-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5083**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	800	675.5		ug/L		84	75 - 117
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>n-Octacosane (Surr)</i>	77		68 - 140				

**Lab Sample ID: LCS 570-5083/4-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5083**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Motor Oil (C17-C44)	800	754.1		ug/L		94	75 - 117
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>n-Octacosane (Surr)</i>	96		68 - 140				

**Lab Sample ID: LCSD 570-5083/3-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5083**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	800	707.7		ug/L		88	75 - 117	5	13
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
<i>n-Octacosane (Surr)</i>	74		68 - 140						

**Lab Sample ID: LCSD 570-5083/5-A**  
**Matrix: Water**  
**Analysis Batch: 6575**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5083**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	800	745.5		ug/L		93	75 - 117	1	13
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
<i>n-Octacosane (Surr)</i>	100		68 - 140						

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 570-4723/5**  
**Matrix: Water**  
**Analysis Batch: 4723**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1000	ug/L			07/12/19 11:19	1

**Lab Sample ID: LCS 570-4723/6**  
**Matrix: Water**  
**Analysis Batch: 4723**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50000	48020		ug/L		96	90 - 110

**Lab Sample ID: 570-1573-M-6 MS**  
**Matrix: Water**  
**Analysis Batch: 4723**

**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
Sulfate	26000		50000	80140		ug/L		108	80 - 120

**Lab Sample ID: 570-1573-M-6 MSD**  
**Matrix: Water**  
**Analysis Batch: 4723**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	26000		50000	80730		ug/L		109	80 - 120	1	20

## Method: 6020 - Metals (ICP/MS)

**Lab Sample ID: MB 570-5571/1-A**  
**Matrix: Water**  
**Analysis Batch: 6299**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 5571**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L		07/16/19 15:00	07/18/19 18:32	1

**Lab Sample ID: LCS 570-5571/2-A**  
**Matrix: Water**  
**Analysis Batch: 6299**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 5571**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	100.9		ug/L		101	80 - 120

**Lab Sample ID: LCSD 570-5571/3-A**  
**Matrix: Water**  
**Analysis Batch: 6299**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 5571**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	100	100.3		ug/L		100	80 - 120	1	20

# QC Sample Results

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Method: 6020 - Metals (ICP/MS) (Continued)

**Lab Sample ID: 570-1648-1 MS**  
**Matrix: Water**  
**Analysis Batch: 6299**

**Client Sample ID: W-16-MW5**  
**Prep Type: Total/NA**  
**Prep Batch: 5571**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND	F2 F1	100	60.93	F1	ug/L		60	79 - 121

**Lab Sample ID: 570-1648-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 6299**

**Client Sample ID: W-16-MW5**  
**Prep Type: Total/NA**  
**Prep Batch: 5571**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND	F2 F1	600	47.36	F4 F1	ug/L		8	79 - 121	25	10

**Lab Sample ID: MB 570-6226/1-A**  
**Matrix: Water**  
**Analysis Batch: 6500**

**Client Sample ID: Method Blank**  
**Prep Type: Dissolved**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	ug/L			07/19/19 16:23	1

**Lab Sample ID: LCS 570-6226/2-A**  
**Matrix: Water**  
**Analysis Batch: 6500**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Dissolved**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	101.9		ug/L		102	80 - 120

**Lab Sample ID: LCSD 570-6226/3-A**  
**Matrix: Water**  
**Analysis Batch: 6500**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Dissolved**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	103.4		ug/L		103	80 - 120	1	20

**Lab Sample ID: 570-1648-1 MS**  
**Matrix: Water**  
**Analysis Batch: 6500**

**Client Sample ID: W-16-MW5**  
**Prep Type: Dissolved**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND	F1 F2	100	64.36	F1	ug/L		64	79 - 121

**Lab Sample ID: 570-1648-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 6500**

**Client Sample ID: W-16-MW5**  
**Prep Type: Dissolved**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND	F1 F2	100	53.80	F1 F2	ug/L		54	79 - 121	18	10

# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## GC/MS VOA

### Analysis Batch: 5506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	8260B	
570-1648-2	W-16-MW13	Total/NA	Water	8260B	
570-1648-3	W-18-MW12A	Total/NA	Water	8260B	
570-1648-4	W-20-MW14	Total/NA	Water	8260B	
570-1648-5	W-19-MW15A	Total/NA	Water	8260B	
570-1648-6	W-20-MW17	Total/NA	Water	8260B	
MB 570-5506/5	Method Blank	Total/NA	Water	8260B	
LCS 570-5506/3	Lab Control Sample	Total/NA	Water	8260B	
570-1648-1 MS	W-16-MW5	Total/NA	Water	8260B	
570-1648-1 MSD	W-16-MW5	Total/NA	Water	8260B	

### Analysis Batch: 6163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-7	W-18-MW18	Total/NA	Water	8260B	
570-1648-8	W-18-MW19	Total/NA	Water	8260B	
570-1648-9	W-17-MW20	Total/NA	Water	8260B	
570-1648-10	W-16-MW22	Total/NA	Water	8260B	
570-1648-11	W-17-MW23	Total/NA	Water	8260B	
570-1648-12	W-16-MW24	Total/NA	Water	8260B	
570-1648-13	W-17-MW26	Total/NA	Water	8260B	
570-1648-14	W-17-KMW9	Total/NA	Water	8260B	
570-1648-15	W-19-KMW10	Total/NA	Water	8260B	
570-1648-16	W-17-DPE1	Total/NA	Water	8260B	
MB 570-6163/6	Method Blank	Total/NA	Water	8260B	
LCS 570-6163/4	Lab Control Sample	Total/NA	Water	8260B	
570-1648-7 MS	W-18-MW18	Total/NA	Water	8260B	
570-1648-7 MSD	W-18-MW18	Total/NA	Water	8260B	

## GC VOA

### Analysis Batch: 6336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	NWTPH-Gx	
570-1648-2	W-16-MW13	Total/NA	Water	NWTPH-Gx	
570-1648-3	W-18-MW12A	Total/NA	Water	NWTPH-Gx	
570-1648-4	W-20-MW14	Total/NA	Water	NWTPH-Gx	
570-1648-5	W-19-MW15A	Total/NA	Water	NWTPH-Gx	
570-1648-6	W-20-MW17	Total/NA	Water	NWTPH-Gx	
570-1648-7	W-18-MW18	Total/NA	Water	NWTPH-Gx	
570-1648-8	W-18-MW19	Total/NA	Water	NWTPH-Gx	
570-1648-9	W-17-MW20	Total/NA	Water	NWTPH-Gx	
570-1648-10	W-16-MW22	Total/NA	Water	NWTPH-Gx	
570-1648-11	W-17-MW23	Total/NA	Water	NWTPH-Gx	
570-1648-12	W-16-MW24	Total/NA	Water	NWTPH-Gx	
570-1648-13	W-17-MW26	Total/NA	Water	NWTPH-Gx	
570-1648-14	W-17-KMW9	Total/NA	Water	NWTPH-Gx	
570-1648-15	W-19-KMW10	Total/NA	Water	NWTPH-Gx	
570-1648-16	W-17-DPE1	Total/NA	Water	NWTPH-Gx	
MB 570-6336/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-6336/3	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-6336/4	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

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# QC Association Summary

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## GC VOA (Continued)

### Analysis Batch: 6336 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-2 MS	W-16-MW13	Total/NA	Water	NWTPH-Gx	
570-1648-2 MSD	W-16-MW13	Total/NA	Water	NWTPH-Gx	

## GC Semi VOA

### Prep Batch: 5083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	3510C	
570-1648-2	W-16-MW13	Total/NA	Water	3510C	
570-1648-3	W-18-MW12A	Total/NA	Water	3510C	
570-1648-4	W-20-MW14	Total/NA	Water	3510C	
570-1648-5	W-19-MW15A	Total/NA	Water	3510C	
570-1648-6	W-20-MW17	Total/NA	Water	3510C	
570-1648-7	W-18-MW18	Total/NA	Water	3510C	
570-1648-8	W-18-MW19	Total/NA	Water	3510C	
570-1648-9	W-17-MW20	Total/NA	Water	3510C	
570-1648-10	W-16-MW22	Total/NA	Water	3510C	
570-1648-11	W-17-MW23	Total/NA	Water	3510C	
570-1648-12	W-16-MW24	Total/NA	Water	3510C	
570-1648-13	W-17-MW26	Total/NA	Water	3510C	
570-1648-14	W-17-KMW9	Total/NA	Water	3510C	
570-1648-15	W-19-KMW10	Total/NA	Water	3510C	
570-1648-16	W-17-DPE1	Total/NA	Water	3510C	
MB 570-5083/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-5083/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-5083/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-5083/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-5083/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 6575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	NWTPH-Dx	5083
570-1648-2	W-16-MW13	Total/NA	Water	NWTPH-Dx	5083
570-1648-3	W-18-MW12A	Total/NA	Water	NWTPH-Dx	5083
570-1648-5	W-19-MW15A	Total/NA	Water	NWTPH-Dx	5083
570-1648-6	W-20-MW17	Total/NA	Water	NWTPH-Dx	5083
570-1648-7	W-18-MW18	Total/NA	Water	NWTPH-Dx	5083
570-1648-10	W-16-MW22	Total/NA	Water	NWTPH-Dx	5083
MB 570-5083/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	5083
LCS 570-5083/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	5083
LCS 570-5083/4-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	5083
LCSD 570-5083/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	5083
LCSD 570-5083/5-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	5083

### Analysis Batch: 6727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-4	W-20-MW14	Total/NA	Water	NWTPH-Dx	5083
570-1648-8	W-18-MW19	Total/NA	Water	NWTPH-Dx	5083
570-1648-9	W-17-MW20	Total/NA	Water	NWTPH-Dx	5083
570-1648-11	W-17-MW23	Total/NA	Water	NWTPH-Dx	5083
570-1648-12	W-16-MW24	Total/NA	Water	NWTPH-Dx	5083

# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## GC Semi VOA (Continued)

### Analysis Batch: 6727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-13	W-17-MW26	Total/NA	Water	NWTPH-Dx	5083
570-1648-14	W-17-KMW9	Total/NA	Water	NWTPH-Dx	5083
570-1648-15	W-19-KMW10	Total/NA	Water	NWTPH-Dx	5083
570-1648-16	W-17-DPE1	Total/NA	Water	NWTPH-Dx	5083

## HPLC/IC

### Analysis Batch: 4723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-3	W-18-MW12A	Total/NA	Water	300.0	
MB 570-4723/5	Method Blank	Total/NA	Water	300.0	
LCS 570-4723/6	Lab Control Sample	Total/NA	Water	300.0	
570-1573-M-6 MS	Matrix Spike	Total/NA	Water	300.0	
570-1573-M-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

## Metals

### Prep Batch: 5571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	3020A	
570-1648-2	W-16-MW13	Total/NA	Water	3020A	
570-1648-3	W-18-MW12A	Total/NA	Water	3020A	
570-1648-4	W-20-MW14	Total/NA	Water	3020A	
570-1648-5	W-19-MW15A	Total/NA	Water	3020A	
570-1648-6	W-20-MW17	Total/NA	Water	3020A	
570-1648-7	W-18-MW18	Total/NA	Water	3020A	
570-1648-8	W-18-MW19	Total/NA	Water	3020A	
570-1648-9	W-17-MW20	Total/NA	Water	3020A	
570-1648-10	W-16-MW22	Total/NA	Water	3020A	
570-1648-11	W-17-MW23	Total/NA	Water	3020A	
570-1648-12	W-16-MW24	Total/NA	Water	3020A	
570-1648-13	W-17-MW26	Total/NA	Water	3020A	
570-1648-14	W-17-KMW9	Total/NA	Water	3020A	
570-1648-15	W-19-KMW10	Total/NA	Water	3020A	
570-1648-16	W-17-DPE1	Total/NA	Water	3020A	
MB 570-5571/1-A	Method Blank	Total/NA	Water	3020A	
LCS 570-5571/2-A	Lab Control Sample	Total/NA	Water	3020A	
LCS 570-5571/3-A	Lab Control Sample Dup	Total/NA	Water	3020A	
570-1648-1 MS	W-16-MW5	Total/NA	Water	3020A	
570-1648-1 MSD	W-16-MW5	Total/NA	Water	3020A	

### Filtration Batch: 6226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Dissolved	Water	Filtration	
570-1648-2	W-16-MW13	Dissolved	Water	Filtration	
570-1648-3	W-18-MW12A	Dissolved	Water	Filtration	
570-1648-4	W-20-MW14	Dissolved	Water	Filtration	
570-1648-5	W-19-MW15A	Dissolved	Water	Filtration	
570-1648-6	W-20-MW17	Dissolved	Water	Filtration	
570-1648-7	W-18-MW18	Dissolved	Water	Filtration	
570-1648-8	W-18-MW19	Dissolved	Water	Filtration	
570-1648-9	W-17-MW20	Dissolved	Water	Filtration	

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# QC Association Summary

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Metals (Continued)

### Filtration Batch: 6226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-10	W-16-MW22	Dissolved	Water	Filtration	
570-1648-11	W-17-MW23	Dissolved	Water	Filtration	
570-1648-12	W-16-MW24	Dissolved	Water	Filtration	
570-1648-13	W-17-MW26	Dissolved	Water	Filtration	
570-1648-14	W-17-KMW9	Dissolved	Water	Filtration	
570-1648-15	W-19-KMW10	Dissolved	Water	Filtration	
570-1648-16	W-17-DPE1	Dissolved	Water	Filtration	
MB 570-6226/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 570-6226/2-A	Lab Control Sample	Dissolved	Water	Filtration	
LCS 570-6226/3-A	Lab Control Sample Dup	Dissolved	Water	Filtration	
570-1648-1 MS	W-16-MW5	Dissolved	Water	Filtration	
570-1648-1 MSD	W-16-MW5	Dissolved	Water	Filtration	

### Analysis Batch: 6299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Total/NA	Water	6020	5571
570-1648-2	W-16-MW13	Total/NA	Water	6020	5571
570-1648-3	W-18-MW12A	Total/NA	Water	6020	5571
570-1648-4	W-20-MW14	Total/NA	Water	6020	5571
570-1648-5	W-19-MW15A	Total/NA	Water	6020	5571
570-1648-6	W-20-MW17	Total/NA	Water	6020	5571
570-1648-7	W-18-MW18	Total/NA	Water	6020	5571
570-1648-8	W-18-MW19	Total/NA	Water	6020	5571
570-1648-9	W-17-MW20	Total/NA	Water	6020	5571
570-1648-10	W-16-MW22	Total/NA	Water	6020	5571
570-1648-11	W-17-MW23	Total/NA	Water	6020	5571
570-1648-12	W-16-MW24	Total/NA	Water	6020	5571
570-1648-13	W-17-MW26	Total/NA	Water	6020	5571
570-1648-14	W-17-KMW9	Total/NA	Water	6020	5571
570-1648-15	W-19-KMW10	Total/NA	Water	6020	5571
570-1648-16	W-17-DPE1	Total/NA	Water	6020	5571
MB 570-5571/1-A	Method Blank	Total/NA	Water	6020	5571
LCS 570-5571/2-A	Lab Control Sample	Total/NA	Water	6020	5571
LCS 570-5571/3-A	Lab Control Sample Dup	Total/NA	Water	6020	5571
570-1648-1 MS	W-16-MW5	Total/NA	Water	6020	5571
570-1648-1 MSD	W-16-MW5	Total/NA	Water	6020	5571

### Analysis Batch: 6500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-1	W-16-MW5	Dissolved	Water	6020	6226
570-1648-2	W-16-MW13	Dissolved	Water	6020	6226
570-1648-3	W-18-MW12A	Dissolved	Water	6020	6226
570-1648-4	W-20-MW14	Dissolved	Water	6020	6226
570-1648-5	W-19-MW15A	Dissolved	Water	6020	6226
570-1648-6	W-20-MW17	Dissolved	Water	6020	6226
570-1648-7	W-18-MW18	Dissolved	Water	6020	6226
570-1648-8	W-18-MW19	Dissolved	Water	6020	6226
570-1648-9	W-17-MW20	Dissolved	Water	6020	6226
570-1648-10	W-16-MW22	Dissolved	Water	6020	6226
570-1648-11	W-17-MW23	Dissolved	Water	6020	6226
570-1648-12	W-16-MW24	Dissolved	Water	6020	6226

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# QC Association Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Metals (Continued)

### Analysis Batch: 6500 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-1648-13	W-17-MW26	Dissolved	Water	6020	6226
570-1648-14	W-17-KMW9	Dissolved	Water	6020	6226
570-1648-15	W-19-KMW10	Dissolved	Water	6020	6226
570-1648-16	W-17-DPE1	Dissolved	Water	6020	6226
MB 570-6226/1-A	Method Blank	Dissolved	Water	6020	6226
LCS 570-6226/2-A	Lab Control Sample	Dissolved	Water	6020	6226
LCSD 570-6226/3-A	Lab Control Sample Dup	Dissolved	Water	6020	6226
570-1648-1 MS	W-16-MW5	Dissolved	Water	6020	6226
570-1648-1 MSD	W-16-MW5	Dissolved	Water	6020	6226

# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-16-MW5**

**Lab Sample ID: 570-1648-1**

**Date Collected: 07/11/19 09:20**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/16/19 22:55	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 00:02	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 01:11	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 16:36	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		5			6299	07/18/19 18:48	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-16-MW13**

**Lab Sample ID: 570-1648-2**

**Date Collected: 07/09/19 11:40**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/17/19 00:43	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 18:21	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 01:32	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 16:55	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:07	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-18-MW12A**

**Lab Sample ID: 570-1648-3**

**Date Collected: 07/09/19 12:30**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/17/19 01:09	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 20:03	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 01:54	N5Y3	ECL 1
Instrument ID: GC48										

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# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-18-MW12A

Date Collected: 07/09/19 12:30

Date Received: 07/12/19 11:52

## Lab Sample ID: 570-1648-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20			4723	07/12/19 21:05	URMH	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 16:58	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		5			6299	07/18/19 19:10	UFLE	ECL 1
Instrument ID: ICPMS05										

## Client Sample ID: W-20-MW14

Date Collected: 07/09/19 09:25

Date Received: 07/12/19 11:52

## Lab Sample ID: 570-1648-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/17/19 01:36	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 20:38	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			500 mL	5 mL	5083	07/14/19 12:43	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 16:48	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:01	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		5			6299	07/18/19 19:13	UFLE	ECL 1
Instrument ID: ICPMS05										

## Client Sample ID: W-19-MW15A

Date Collected: 07/09/19 10:15

Date Received: 07/12/19 11:52

## Lab Sample ID: 570-1648-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/17/19 02:03	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 21:12	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 02:37	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:04	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:16	UFLE	ECL 1
Instrument ID: ICPMS05										

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# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-20-MW17**

**Lab Sample ID: 570-1648-6**

**Date Collected: 07/09/19 08:25**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	5506	07/17/19 02:30	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 21:46	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			500 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 02:59	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:06	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:18	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-18-MW18**

**Lab Sample ID: 570-1648-7**

**Date Collected: 07/09/19 13:55**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/18/19 23:25	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 22:20	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 03:21	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:09	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:21	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-18-MW19**

**Lab Sample ID: 570-1648-8**

**Date Collected: 07/10/19 09:00**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 01:12	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 00:36	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			520 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 17:09	U6T2	ECL 1
Instrument ID: GC48										

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# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-18-MW19**

**Lab Sample ID: 570-1648-8**

**Date Collected: 07/10/19 09:00**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:12	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:24	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-17-MW20**

**Lab Sample ID: 570-1648-9**

**Date Collected: 07/10/19 10:05**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 01:39	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 01:10	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			500 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 17:31	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:14	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		5			6299	07/18/19 19:26	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-16-MW22**

**Lab Sample ID: 570-1648-10**

**Date Collected: 07/10/19 13:40**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 02:06	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 01:44	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			500 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6575	07/21/19 04:26	N5Y3	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:17	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:29	UFLE	ECL 1
Instrument ID: ICPMS05										

# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-17-MW23**

**Lab Sample ID: 570-1648-11**

**Date Collected: 07/11/19 11:10**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 02:32	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 02:18	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			520 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 17:53	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:20	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:40	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-16-MW24**

**Lab Sample ID: 570-1648-12**

**Date Collected: 07/11/19 10:15**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 02:59	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 02:52	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			520 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 18:14	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:31	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:43	UFLE	ECL 1
Instrument ID: ICPMS05										

**Client Sample ID: W-17-MW26**

**Lab Sample ID: 570-1648-13**

**Date Collected: 07/11/19 08:30**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 03:26	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 03:26	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 18:36	U6T2	ECL 1
Instrument ID: GC48										

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# Lab Chronicle

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Client Sample ID: W-17-MW26

## Lab Sample ID: 570-1648-13

Date Collected: 07/11/19 08:30

Matrix: Water

Date Received: 07/12/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:33	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		5			6299	07/18/19 19:46	UFLE	ECL 1
Instrument ID: ICPMS05										

## Client Sample ID: W-17-KMW9

## Lab Sample ID: 570-1648-14

Date Collected: 07/10/19 11:10

Matrix: Water

Date Received: 07/12/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 03:53	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/20/19 04:01	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 18:58	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:36	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:48	UFLE	ECL 1
Instrument ID: ICPMS05										

## Client Sample ID: W-19-KMW10

## Lab Sample ID: 570-1648-15

Date Collected: 07/09/19 11:00

Matrix: Water

Date Received: 07/12/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	6163	07/19/19 04:20	J78Y	ECL 2
Instrument ID: GCMSQQ										
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	6336	07/19/19 22:54	CVA6	ECL 2
Instrument ID: GC42										
Total/NA	Prep	3510C			500 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			6727	07/22/19 19:20	U6T2	ECL 1
Instrument ID: GC48										
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020		1			6500	07/19/19 17:39	UFLE	ECL 1
Instrument ID: ICPMS05										
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020		1			6299	07/18/19 19:51	UFLE	ECL 1
Instrument ID: ICPMS05										

# Lab Chronicle

Client: Cardno, Inc  
 Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

**Client Sample ID: W-17-DPE1**

**Lab Sample ID: 570-1648-16**

**Date Collected: 07/10/19 12:15**

**Matrix: Water**

**Date Received: 07/12/19 11:52**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B Instrument ID: GCMSQQ		1	5 mL	5 mL	6163	07/19/19 04:46	J78Y	ECL 2
Total/NA	Analysis	NWTPH-Gx Instrument ID: GC42		1	5 mL	5 mL	6336	07/20/19 04:34	CVA6	ECL 2
Total/NA	Prep	3510C			510 mL	5 mL	5083	07/14/19 12:14	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx Instrument ID: GC48		1			6727	07/22/19 19:41	U6T2	ECL 1
Dissolved	Filtration	Filtration			50 mL	50 mL	6226	07/19/19 08:00	WL8G	ECL 1
Dissolved	Analysis	6020 Instrument ID: ICPMS05		1			6500	07/19/19 17:42	UFLE	ECL 1
Total/NA	Prep	3020A			50 mL	50 mL	5571	07/16/19 15:00	WL8G	ECL 1
Total/NA	Analysis	6020 Instrument ID: ICPMS05		5			6299	07/18/19 19:54	UFLE	ECL 1

**Laboratory References:**

- ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
- ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
- ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



# Accreditation/Certification Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0781	03-13-20
California	SCAQMD LAP	9	N/A	11-30-19
California	State Program	9	2944	09-30-19
Guam	State Program	9	19-004R	10-31-19
Hawaii	State Program	9	N/A	01-29-20
Nevada	State Program	9	CA00111	07-31-19
Oregon	NELAP Primary AB	10	CA300001	01-20-20
Washington	State Program	10	C916	10-11-19

# Method Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6020	Metals (ICP/MS)	SW846	ECL 1
3020A	Preparation, Total Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL
Filtration	Sample Filtration	None	ECL 1

#### Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

NWTPH = Northwest Total Petroleum Hydrocarbon

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

#### Laboratory References:

ECL = Eurofins Calscience LLC, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Cardno, Inc  
Project/Site: ExxonMobil 99D9T / 031162

Job ID: 570-1648-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-1648-1	W-16-MW5	Water	07/11/19 09:20	07/12/19 11:52	
570-1648-2	W-16-MW13	Water	07/09/19 11:40	07/12/19 11:52	
570-1648-3	W-18-MW12A	Water	07/09/19 12:30	07/12/19 11:52	
570-1648-4	W-20-MW14	Water	07/09/19 09:25	07/12/19 11:52	
570-1648-5	W-19-MW15A	Water	07/09/19 10:15	07/12/19 11:52	
570-1648-6	W-20-MW17	Water	07/09/19 08:25	07/12/19 11:52	
570-1648-7	W-18-MW18	Water	07/09/19 13:55	07/12/19 11:52	
570-1648-8	W-18-MW19	Water	07/10/19 09:00	07/12/19 11:52	
570-1648-9	W-17-MW20	Water	07/10/19 10:05	07/12/19 11:52	
570-1648-10	W-16-MW22	Water	07/10/19 13:40	07/12/19 11:52	
570-1648-11	W-17-MW23	Water	07/11/19 11:10	07/12/19 11:52	
570-1648-12	W-16-MW24	Water	07/11/19 10:15	07/12/19 11:52	
570-1648-13	W-17-MW26	Water	07/11/19 08:30	07/12/19 11:52	
570-1648-14	W-17-KMW9	Water	07/10/19 11:10	07/12/19 11:52	
570-1648-15	W-19-KMW10	Water	07/09/19 11:00	07/12/19 11:52	
570-1648-16	W-17-DPE1	Water	07/10/19 12:15	07/12/19 11:52	

1648

CHAIN OF CUSTODY RECORD

DATE: 7/11/2019 PAGE: 1 OF 1

**Site Name** Former Mobil Station 6649T  
**Project Name** ExonMobil 99D9T / Cardno 031162  
**Major Project (MRN)**  
**Major Project (AFE)**

7440 LINCOLN WAY  
 GARDEN GROVE, CA 92841-1432  
 TEL: (714) 895-5464 . FAX: (714) 894-7501

CalScience

ExonMobil Engr. Maria Madden

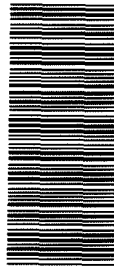
**Laboratory Client:** Cardno  
**Address:** 801 Second Avenue, Suite 1150  
**City:** Seattle, WA 98104  
**TEL:** 206-510-5855 **FAX:** 206-289-0098 **robot.thompson@cardno.com**  
 SAME DAY  24 HR  48 HR  72 HR  10 DAYS  
 RWQCB REPORTING (ADDITIONAL COSTS MAY APPLY)  
 RWQCB REPORTING  
 SPECIAL INSTRUCTIONS:  
 Required EIM add.

**Agreement:** US-A2604415 P.O. 031162  
**LAB USE ONLY:**  
**COPIES RECEIVED:**

**PROJECT CONTACT:** Robert Thompson  
**SAMPLER(S):** Paul Prevou and Brett McLees

SAMPLE ID	FIELD POINT NAME	SAMPLING		NO. OF CONT.	MAT. RIX	REQUESTED ANALYSIS						CONTAINER TYPE	
		DATE	TIME			BTEX by 8260B	TPH by MWTPH-GX	TPH by MWTPH-DX	Total Lead by 6020	Discolored Lead by 6020	Sulfate by 300		
1	W-16-MW5	7/11/2019	9:20	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
2	W-16-MW13	7/9/2019	11:40	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
3	W-18-MW12A	7/9/2019	12:30	W	13	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 2 Un-Preserved Poly
4	W-20-MW14	7/9/2019	9:25	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
5	W-19-MW15A	7/9/2019	10:15	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
6	W-20-MW17	7/9/2019	8:25	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
7	W-18-MW18	7/9/2019	13:55	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
8	W-18-MW19	7/10/2019	9:00	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
9	W-17-MW20	7/10/2019	10:05	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
10	W-16-MW22	7/10/2019	13:40	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
11	W-17-MW23	7/11/2019	11:10	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
12	W-16-MW24	7/11/2019	10:15	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
13	W-17-MW26	7/11/2019	8:30	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
14	W-17-KMW9	7/10/2019	11:10	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
15	W-19-KMW10	7/9/2019	11:00	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly
16	W-17-DPE1	7/10/2019	12:15	W	12	X	X	X	X	X	X	X	8 HCL VOLs; 2 Non-Preserved Amber; 1 HNO3 Poly; 1 Un-Preserved Poly

**Paul Prevou**  
 Requisitioned by: (Signature)  
 Requisitioned by: (Signature)  
 Date: 7/11/19 16:00  
 Date: 7/12/19 10:00  
 Date: 7/12/19 10:00  
 Date: 7/12/19 10:00



570-1648 Chain of Custody

2.0 / 2.2  
 2.7 / 2.9  
 2.6 / 2.8

Custody

SC6

COC031162 GWS COC 180709 to 180711



khalk

FedEx Express NEW Package US Airbill

FedEx Tracking Number 8077 7334 7562

Form ID No 0200

1 From [Redacted] Date 7-11-19 Sender's Name [Redacted] Company [Redacted] Address [Redacted] Phone 208 317 1245

4 Express Package Service \* To most locations. NOTE: Service order has changed. Please select carefully.

Next Business Day

FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Priority Overnight Next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

2 or 3 Business Days

FedEx 2Day A.M. Second business morning. Saturday Delivery NOT available.

FedEx 2Day Second business afternoon. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

Packages up to 150 lbs For packages over 150 lbs, FedEx Express Freight (S) 1

FedEx Express Package US Airbill

FedEx Tracking Number 8135 3321 8976

Form ID No 0200

1 From [Redacted] Date 7-11-19 Sender's Name [Redacted] Company [Redacted] Address [Redacted] Phone 208 317 4200

4 Express Package Service \* To most locations.

Next Business Day

FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Priority Overnight Next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight Next business afternoon. Saturday Delivery NOT available.

2 or 3 Business Days

FedEx 2Day A.M. Second business morning. Saturday Delivery NOT available.

FedEx 2Day Second business afternoon. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Express Saver Third business day. Saturday Delivery NOT available.

Packages up to 150 lbs For packages over 150 lbs, FedEx Express Freight (S) 1

1339  
FedEx TRK# 8135 3321 8965  
0200

FRI - 12 JUL 10:30A  
PRIORITY OVERNIGHT

92841  
CA-US  
SNA

92 APVA

Suite A-13  
98108

Cor  
Saturday location address NOT available for Overnight.  
SATURDAY DELIVERY NOT AVAILABLE FOR FedEx Priority Overnight and FedEx 2Day to select locations.

5 Packaging \* Declared value limit \$500.

FedEx Envelope\*  FedEx Pak\*  FedEx Box  FedEx Tube

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx SV

Saturday Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required Package may be left without obtaining a signature for delivery.

Direct Signature Someone at recipient's address may sign for delivery.

Indirect Signature If no one is available at an address, someone at a residential address may sign for delivery.

Does this shipment contain dangerous goods?

One box must be checked.  
 No  Yes As per attached Shipper's Declaration.

Yes Shipper's Declaration not required.

Dry Ice Dry Ice, 9 UN 1845

Cargo Aircraft Only

Restrictions apply for dangerous goods — see the current FedEx Service Guide

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Sender Acct No. in Section 1 will be billed.  Recipient  Third Party  Credit Card

Total Packages Total Weight [Redacted] Credit Card Auth [Redacted]

Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

Rev Date 3/15 - Part #16700 - ©2012 - 2015 FedEx - PRINTED IN U.S.A. (RUA) 05-00

FedEx TRK# 8077 7354 0524  
0200

FRI - 12 JUL 10:30A  
PRIORITY OVERNIGHT

92841

# Login Sample Receipt Checklist

Client: Cardno, Inc

Job Number: 570-1648-1

**Login Number: 1648**

**List Number: 1**

**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**FIELD LOG  
DEPTH TO WATER RECORD**

**CLIENT NAME:** ExxonMobil 99D9T

**CARDNO #:** 031162

**SITE LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington

**FIELD CREW:** BLM, PEP

**DATE:** 07/08/19 - 07/11/19

Well #	Time	DTW (ft)	DOW (ft)	Comments/Repairs
MW5	08:57	15.56	23.6	Gauged on 07/08/19. Sampled 07/11/19.
MW6	09:01	15.62	23.0	Gauged and sampled 07/08/19.
MW8	08:42	16.21	24.5	Gauged and sampled 07/08/19.
KMW9	08:54	17.33	24.0	Gauged on 07/08/19. Sampled 07/10/19.
KMW10	08:33	18.83	25.4	Gauged 07/08/19. Sampled 07/09/19.
KMW11	08:23	19.22	28.5	Gauged and sampled 07/08/19.
MW12A	08:40	18.25	28.6	Gauged 07/08/19. Sampled 07/09/19.
MW13	08:37	15.88	24.4	Gauged 07/08/19. Sampled 07/09/19.
MW14	08:31	20.50	25.6	Gauged 07/08/19. Sampled 07/09/19.
MW15A	08:32	19.45	29.3	Gauged 07/08/19. Sampled 07/09/19.
MW16	08:18	18.60	24.1	Gauged and sampled 07/08/19.
MW17	08:26	19.61	29.5	Gauged 07/08/19. Sampled 07/09/19.
MW18	13:35	17.59	29.4	Gauged and sampled 07/09/19.
MW19	08:29	18.25	29.6	Gauged on 07/08/19. Sampled 07/10/19.
MW20	08:45	17.31	32.5	Gauged on 07/08/19. Sampled 07/10/19.
MW22	08:51	16.36	29.2	Gauged on 07/08/19. Sampled 07/10/19.
MW23	09:10	16.54	28.0	Gauged on 07/08/19. Sampled 07/11/19.
MW24	09:12	16.45	28.6	Gauged on 07/08/19. Sampled 07/11/19.
MW25	09:07	17.30	29.6	Gauged and sampled 07/08/19.
MW26	09:05	16.74	30.0	Gauged on 07/08/19. Sampled 07/11/19.
DPE1	08:48	16.69	24.6	Gauged on 07/08/19. Sampled 07/10/19.

Comments: Sulfate and sulfide field tests were completed using LaMotte test kits.

**FIELD LOG  
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** PEP, BLM **DATE:** 07/08/19 Low-Flow Sampling

WELL #		MW6						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
11:41	15.64							
11:54	15.68	910	70	18.3	0.74	6.86	254.6	0.26
11:57	15.68	1,120	70	18.8	0.74	6.81	243.7	0.19
12:00	15.68	1,330	70	18.6	0.74	6.81	240.1	0.18
12:03	15.68	1,540	70	18.5	0.74	6.81	234.0	0.17
Comments: Sulfate = 20 mg/L. Sulfide = <0.2 mg/L. Additional containers collected: (1) unpreserved poly, (2) unpreserved VOAs, (2) unpreserved ambers.								
SW	12:05	1 gal = 3.79 L						
Total Purge Volume		1,540 mL	0.41 gal					

WELL #		MW8						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
13:26	16.20							
13:35	16.22	1,260	140	18.5	0.550	7.32	227.2	0.20
13:38	16.23	1,680	140	18.7	0.549	7.33	217.0	0.20
13:41	16.26	2,100	140	18.8	0.548	7.31	207.6	0.17
Comments: Sulfate = 60 mg/L. Sulfide = <0.2 mg/L. Additional containers collected: (1) unpreserved poly, (2) unpreserved VOAs, (2) unpreserved ambers.								
SW	13:45	1 gal = 3.79 L						
Total Purge Volume		2,100 mL	0.55 gal					

WELL #		KMW11						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
10:13	19.20							
10:21	19.20	720	90	16.5	0.471	7.04	257.4	0.42
10:24	19.20	990	90	16.7	0.470	7.04	251.3	0.26
10:27	19.20	1,260	90	16.8	0.472	7.05	246.0	0.24
10:30	19.20	1,530	90	16.7	0.470	7.05	240.0	0.22
Comments:								
SW	10:30	1 gal = 3.79 L						
Total Purge Volume		1,530 mL	0.40 gal					

**FIELD LOG  
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** PEP, BLM **DATE:** 07/08/19 Low-Flow Sampling

WELL #		MW16						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
09:18	18.60							
09:29	18.60	990	90	16.4	0.495	7.69	164.8	1.20
09:32	18.60	1,260	90	16.3	0.492	7.44	168.7	0.75
09:35	18.60	1,530	90	16.4	0.488	7.26	170.5	0.56
09:38	18.60	1,800	90	16.4	0.482	7.20	171.8	0.57
09:41	18.60	2,070	90	16.4	0.481	7.18	172.9	0.59
Comments:								
SW	09:45	1 gal = 3.79 L						
Total Purge Volume		2,070 mL	0.55 gal					

WELL #		MW25						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
12:51	17.29							
12:58	17.29	1,400	200	18.5	0.550	7.32	227.2	0.20
13:01	17.29	2,000	200	18.7	0.549	7.33	217.0	0.20
13:04	17.29	2,600	200	18.8	0.548	7.31	207.6	0.17
Comments: Sulfate = >200 mg/L. Sulfide = <0.2 mg/L. Additional containers collected: (1) unpreserved poly, (2) unpreserved VOAs, (2) unpreserved ambers.								
SW	13:10	1 gal = 3.79 L						
Total Purge Volume		2,600 mL	0.69 gal					

**FIELD LOG**  
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** BLM, PEP **DATE:** 07/09/19 Low-Flow Sampling

WELL #		KMW10						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
10:41	18.82							
10:51	18.86	1,000	100	18.4	0.271	6.93	250.2	0.28
10:54	18.86	1,300	100	18.3	0.271	6.92	233.4	0.23
10:57	18.86	1,600	100	18.3	0.271	6.91	232.5	0.21
11:00	18.86	1,900	100	18.3	0.271	6.90	225.4	0.19
Comments:								
SW	11:00	1 gal = 3.79L						
Total Purge Volume		1,900 mL	0.50 gal					

WELL #		MW12A						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
12:12	18.25							
12:21	18.40	450	50	19.4	2.55	6.89	265.5	0.36
12:24	18.42	600	50	19.8	2.54	6.97	253.3	0.33
12:27	18.43	750	50	19.9	2.54	6.99	237.8	0.32
Comments: Sulfate = >200 mg/L. Additional 250 mL poly collected for laboratory analysis.								
SW	12:30	1 gal = 3.79L						
Total Purge Volume		750 mL	0.20 gal					

WELL #		MW13						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
11:26	15.88							
11:34	15.90	720	90	18.2	0.311	6.95	252.0	0.49
11:37	15.91	990	90	18.1	0.311	6.95	246.0	0.47
11:40	15.91	1,260	90	18.2	0.312	6.93	237.6	0.46
Comments:								
SW	11:40	1 gal = 3.79L						
Total Purge Volume		1,260 mL	0.33 gal					

**FIELD LOG**  
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** BLM, PEP **DATE:** 07/09/19      Low-Flow Sampling

WELL #		MW14						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
09:03	19.51							
09:12	19.57	990	110	17.5	0.68	6.68	273.8	1.37
09:15	19.57	1,290	100	17.6	0.68	6.74	265.5	1.00
09:18	19.57	1,590	100	17.7	0.68	6.76	259.3	0.96
09:21	19.57	1,890	100	17.6	0.68	6.80	253.8	0.95
Comments: Sulfate = 120 mg/L. No additional sampleware collected.								
SW	09:25	1 gal = 3.79L						
Total Purge Volume		1,890 mL	0.50 gal					

WELL #		MW15A						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
09:54	19.46							
10:04	19.46	900	90	18.0	0.505	6.88	265.7	0.53
10:07	19.46	1,170	90	17.9	0.504	6.77	259.5	0.39
10:10	19.46	1,440	90	18.0	0.503	6.75	253.9	0.36
10:13	19.46	1,710	90	18.1	0.502	6.68	247.0	0.38
Comments: Sulfate = 40 mg/L. No Additional sampleware collected.								
SW	10:15	1 gal = 3.79L						
Total Purge Volume		1,710 mL	0.45 gal					

WELL #		MW17						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
08:08	19.60							
08:16	19.60	720	90	18.8	0.291	7.39	172.4	4.82
08:19	19.60	990	90	18.7	0.292	6.80	190.8	4.76
08:22	19.60	1,260	90	18.6	0.293	6.66	205.9	4.66
08:25	19.60	1,530	90	18.6	0.292	6.56	216.5	4.76
Comments:								
SW	08:25	1 gal = 3.79L						
Total Purge Volume		1,530 mL	0.40 gal					

**FIELD LOG  
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T

**CARDNO#:** 031162

**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington

**FIELD CREW:** BLM, PEP

**DATE:** 07/09/19

Low-Flow Sampling

WELL #		MW18						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
13:35	17.59							
13:45	17.70	850	85	17.0	0.360	7.89	190.7	0.28
13:48	17.71	1,105	85	17.8	0.350	7.88	179.8	0.22
13:51	17.71	1,360	85	17.7	0.343	7.87	168.6	0.20
13:54	17.71	1,615	85	17.6	0.340	7.89	160.9	0.18
Comments:								
SW	13:55	1 gal = 3.79L						
Total Purge Volume		1,615 mL	0.43 gal					

**FIELD LOG**  
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** BLM, PEP **DATE:** 07/10/19 Low-Flow Sampling

WELL #		MW19						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
08:25	<b>18.28</b>							
08:51	18.33	300	50	17.8	0.320	8.15	176.1	0.43
08:54	18.33	450	50	17.8	0.320	7.80	182.1	0.38
08:57	18.33	600	50	17.8	0.321	7.60	182.4	0.35
09:00	18.33	750	50	17.8	0.319	7.50	180.6	0.32
Comments:								
SW	09:00	1 gal = 3.79L						
Total Purge Volume		750 mL	0.20 gal					

WELL #		MW20						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
09:42	<b>17.32</b>							
09:57	17.50	1,125	75	17.8	2.95	6.99	200.0	0.23
10:00	17.50	1,245	40	17.8	2.95	7.00	192.1	0.21
10:03	17.50	1,365	40	17.9	2.95	7.01	184.7	0.21
Comments:								
SW	10:05	1 gal = 3.79L						
Total Purge Volume		1,365 mL	0.36 gal					

WELL #		MW22						
TIME	DTW	PURGE	PUMP	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
13:18	<b>16.39</b>							
13:30	16.46	720	60	18.6	0.514	6.90	206.2	0.32
13:33	16.46	900	60	18.9	0.499	6.86	200.7	0.29
13:36	16.46	1,080	60	19.0	0.490	6.85	194.8	0.31
13:39	16.46	1,260	60	18.9	0.488	6.84	190.3	0.28
Comments:								
SW	13:40	1 gal = 3.79L						
Total Purge Volume		1,260 mL	0.33 gal					

**FIELD LOG  
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** BLM, PEP **DATE:** 07/10/19 Low-Flow Sampling

WELL #		KMW9						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
10:49	17.39							
10:58	17.41	765	85	17.4	1.090	7.49	182.3	0.45
11:01	17.41	1,005	80	17.6	1.090	7.48	176.1	0.37
11:04	17.41	1,245	80	17.6	1.070	7.46	170.3	0.36
11:07	17.41	1,485	80	17.5	1.060	7.46	164.6	0.33
Comments:								
SW	11:10	1 gal = 3.79L						
Total Purge Volume		1,485 mL	0.39 gal					

WELL #		DPE1						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
11:48	16.74							
12:02	16.86	350	25	18.7	2.840	6.26	215.5	0.47
12:05	16.86	425	25	19.0	2.790	6.21	207.4	0.43
12:08	16.86	500	25	19.2	2.770	6.19	203.0	0.39
12:11	16.86	575	25	19.3	2.760	6.18	200.1	0.42
Comments:								
SW	12:15	1 gal = 3.79L						
Total Purge Volume		575 mL	0.15 gal					

**FIELD LOG**  
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T **CARDNO#:** 031162  
**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington  
**FIELD CREW:** BLM, PEP **DATE:** 07/11/19 Low-Flow Sampling

WELL #		MW5						
TIME	DTW	PURGE	PUMP	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
08:59	15.62							
09:08	15.62	900	100	17.5	0.485	6.59	203.2	1.08
09:11	15.62	1,200	100	17.9	0.480	6.38	202.8	0.99
09:14	15.62	1,500	100	18.0	0.477	6.29	202.9	0.94
09:17	15.62	1,800	100	17.9	0.475	6.27	201.0	0.88
Comments:								
SW	09:20	1 gal = 3.79L						
Total Purge Volume		1,800 mL	0.47 gal					

WELL #		MW23						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
10:47	16.56							
10:57	16.58	900	90	18.1	0.412	6.99	238.7	10.15
11:00	16.58	1,170	90	18.2	0.411	6.94	242.9	10.29
11:03	16.58	1,440	90	18.2	0.411	6.92	244.3	9.80
11:06	16.58	1,710	90	18.2	0.411	6.89	246.5	9.80
11:09	16.58	1,980	90	18.3	0.411	6.88	247.7	9.80
Comments:								
SW	11:10	1 gal = 3.79L						
Total Purge Volume		1,980 mL	0.52 gal					

WELL #		MW24						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
09:52	16.48							
10:03	16.52	935	85	18.1	0.64	6.83	230.5	0.20
10:06	16.52	1190	85	18.2	0.64	6.90	217.4	0.16
10:09	16.52	1445	85	18.3	0.64	6.93	209.0	0.16
10:12	16.52	1700	85	18.4	0.64	6.96	200.5	0.15
Comments:								
SW	10:15	1 gal = 3.79L						
Total Purge Volume		1,700 mL	0.45 gal					

**FIELD LOG  
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99D9T

**CARDNO#:** 031162

**LOCATION:** 4557 Brooklyn Avenue Northeast, Seattle, Washington

**FIELD CREW:** BLM, PEP

**DATE:** 07/11/19

Low-Flow Sampling

WELL #		MW26						
TIME	DTW	PURGE VOLUME	PUMP RATE (Q)	TEMP	COND	pH	ORP	DO
hr:min	ft	mL	mL/min	deg C	mS/cm	unit	mV vs NHE	mg/L
				1 deg	3%	0.1		0.3
08:07	16.79							
08:19	16.82	1,020	85	17.8	1.43	6.92	206.6	0.18
08:22	16.82	1,275	85	17.8	1.44	6.84	201.6	0.14
08:25	16.82	1,530	85	17.6	1.46	6.80	193.8	0.13
08:28	16.82	1,785	85	17.6	1.46	6.79	191.3	0.13
Comments:								
SW	08:30	1 gal = 3.79L						
Total Purge Volume		1,785 mL	0.47 gal					