Remediation Management Services Company

4 Centerpointe Drive, Suite 200
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Room LPR 4-222
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February 3, 2025

Washington Department of Ecology
Northwest Regional Office
Attn: Mr. Nick Treat
15700 Dayton Avenue North
Shoreline, WA 98133

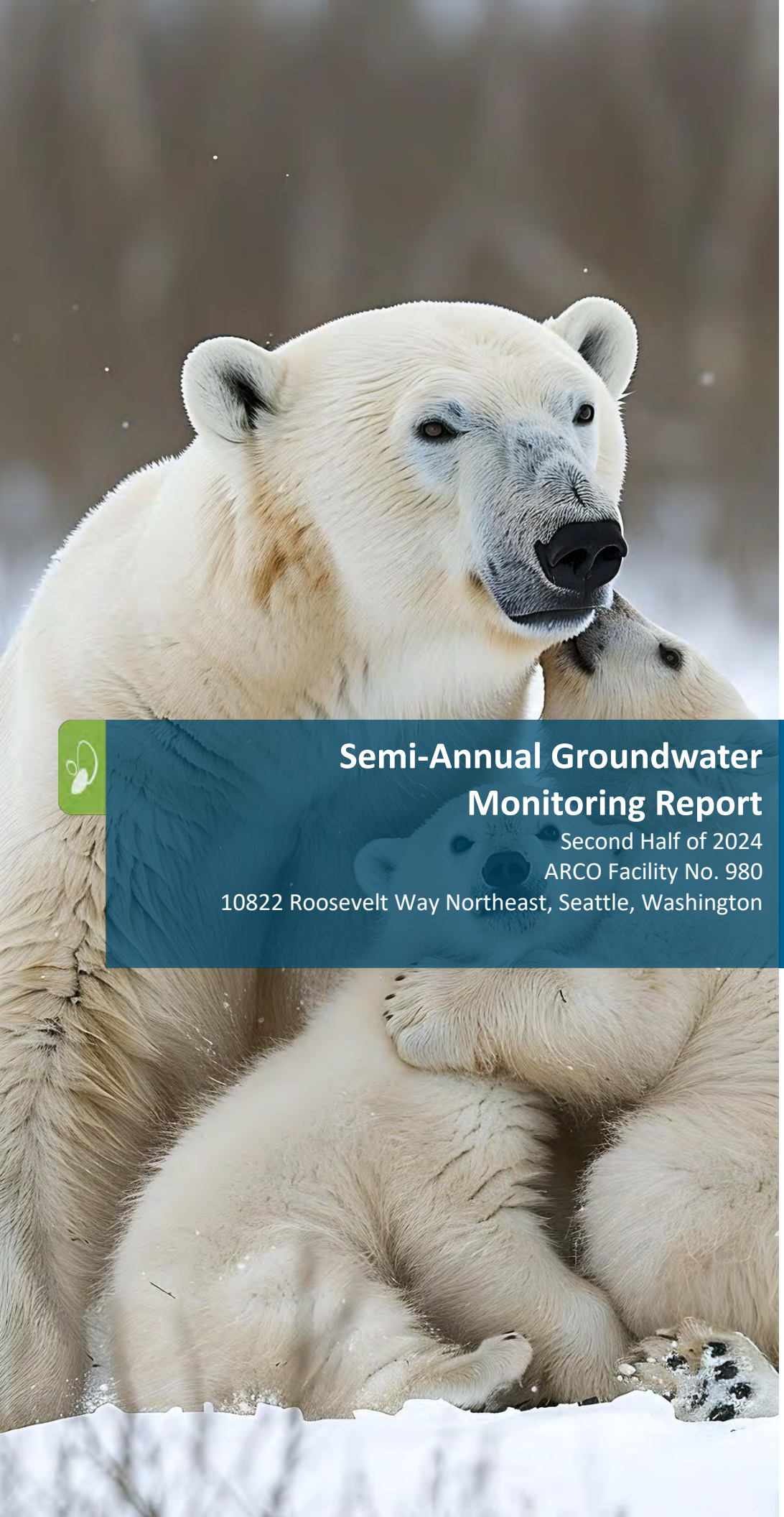
Dear Ms. Treat:

Please find the enclosed Semi-Annual Groundwater Monitoring Report - Second Half of 2024, that documents the results at ARCO Facility No. 980 located at 10822 Roosevelt Way NE, Seattle, Washington.

Sincerely yours,

Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company

cc: File, Antea Group



Semi-Annual Groundwater Monitoring Report

Second Half of 2024
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Antea®Group

Understanding today.
Improving tomorrow.

PREPARED FOR
Remediation Management Services Company
An affiliate of Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
Room LPR-4-222
La Palma, CA 90623

PREPARED BY
Antea Group - Redmond, WA
February 3, 2025
Project WA – 000980 – Seattle 2024
FSID 68996432

us.anteagroup.com

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Semi-Annual Groundwater Monitoring Report

Second Half of 2024
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

1.0 INTRODUCTION

On behalf of BP Products North America, Inc. (BP), Antea®Group has prepared this *Semi-Annual Groundwater Monitoring Report, Second Half 2024* to document the groundwater monitoring events conducted on September 5, 2024 at ARCO Service Station No. 980, 10822 Roosevelt Way NE, Seattle, Washington (the Site). The Site is located on the southeast corner at the intersection of Northeast Northgate Way and Roosevelt Way Northeast in Seattle, Washington (**Figure 1**). Adjacent properties to the Site are the Caribbean House Apartments to the south and the Ismahan Family Childcare to the east. The facility consists of four double-walled underground storage tanks (USTs) in a common basin on the northeastern portion of the property, three fuel dispensers under two separate canopies, and a station building with a convenience store (**Figures 2** and **3**).

1.1 WORK PERFORMED [SECOND HALF 2024]

- Antea Group conducted groundwater sampling and monitoring activities on September 5, 2024.
- Antea Group prepared this *Semi-Annual Groundwater Monitoring Report, Second Half 2024.*

1.2 WORK PROPOSED [FIRST HALF 2025]

- Antea Group will conduct groundwater sampling and monitoring events during the first quarter of 2025.
- Antea Group will prepare a Semi-Annual Groundwater Monitoring Report for the first half of 2025.
- Antea Group will conduct a supplemental Site investigation during the first half of 2025.

Current Phase of Project:	Groundwater Monitoring
Ecology Facility/Site ID No.:	Washington State Department of Ecology FSID 68996432
Frequency of Groundwater Sampling and Monitoring:	Semi-annual (Q1/Q3)
Is LNAPL Present On-Site:	No
Wells with Historical LNAPL:	MW-4, MW-11, MW-12, B1 (JPHC), and IW-1

LNAPL = Light Non-Aqueous Phase Liquids

2.0 GROUNDWATER MONITORING

Routine groundwater sampling was conducted on September 5, 2024. Samples were collected using low flow purge method and dedicated tubing. Groundwater parameters measured throughout purging include temperature, pH, conductivity, oxidation-reduction potential, total dissolved solids, and dissolved oxygen.

Routine monitoring samples collected during the third quarter 2024 were analyzed for the following constituents:

- Total petroleum hydrocarbons as diesel (TPH-D) and oil (TPH-O) by Northwest Method NWTPH-Dx.
- Total and dissolved lead by Environmental Protection Agency (EPA) 6000/7000 Series (MW-13 only).

A Groundwater Analytical and Elevation Contour Map for the third quarter sampling event is presented as **Figure 3**. Groundwater gauging data are shown in **Table 1**. Groundwater analytical data are shown in **Table 2**. Analytical lab reports and chain of custody documentation are included as **Appendix A**.

The third quarter 2024 monitoring and sampling event is summarized below.

Groundwater Monitoring Dates:	September 5, 2024
Wells Sampled:	MW-4, MW-11, MW-12, MW-13, MW-23, B1 (JPHC), and B3 (JPHC)
Wells with Measurable LNAPL:	None
Current Depth to Water Range, in Feet Below Top of Casing (feet BTOC):	Min: 2.01 (MW-1) Max: 17.99 (MW-9)
Current Groundwater Elevation Range (Feet Above NAVD 88):	Min: 240.11 (MW-10) Max: 260.34 (MW-1)
Groundwater Flow Direction and Gradient in Feet per Foot (ft/ft):	Southeast gradient of 0.11 ft/ft

Explanation: NAVD 88 = North American Vertical Datum of 1988; BTOC = below top of casing; ft = feet

2.1 GROUNDWATER FLOW GRADIENT AND DIRECTIONAL TRENDS

Using the surveyed top of casing elevations and the depth to water measurements from September 5, 2024, Antea Group calculated the groundwater elevation in each gauged well. A map of groundwater elevation contours for the third quarter 2024 shows groundwater flow to the southeast at a gradient of 0.11 ft/ft (**Figure 3**). This groundwater flow gradient presented is consistent with historical data. A groundwater flow direction rose diagram depicting the primary flow direction from 2005 to present is shown in **Figure 4**.

2.2 GROUNDWATER MONITORING RESULTS

A review of the analytical data collected from the third quarter 2024 groundwater sampling events indicated the following:

- Groundwater analytical and monitoring results from this event were consistent with previous data.
- TPH-D and TPH-O remain above Model Toxics Control Act (MTCA) Method A Cleanup Levels for groundwater in monitoring wells MW-11, MW-12, and B1 (JPHC).
- TPH-D concentrations have remained below MTCA Method A Cleanup Levels for groundwater in monitoring well MW-4, while TPH-O concentrations remain above MTCA Method A Cleanup Levels.
- TPH-D and TPH-O concentrations in MW-23 and B3 (JPHC) were below MTCA Method A Cleanup Levels during this monitoring period.

2.3 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance/quality control (QA/QC) measures for the third quarter 2024 groundwater sampling events included matrix spike/matrix spike duplicate (MS/MSD) testing. Antea Group completed QA/QC validation checklists for the Eurofins analytical report and determined the sample results are valid for their intended purpose. The third quarter 2024 laboratory analyses are summarized below.

QA/QC Summary: Third Quarter 2024 Groundwater Samples	
Laboratory QA/QC Performed:	Yes (Validated by Antea Group)
Laboratory Data Qualifiers and Job Narrative	The sample from MW-13 was diluted prior to analysis of dissolved and total lead. The reporting limits have been adjusted accordingly.
Are the Data Valid for Their Intended Purpose?	Yes

3.0 DISCUSSION

Overall, the third quarter 2024 groundwater analytical results are consistent with historical data. TPH-D concentrations continue to be above MTCA Method A Cleanup Levels for groundwater in monitoring wells MW-11, MW-12, and B1 (JPHC). TPH-O concentrations remain above MTCA Method A Cleanup levels for groundwater in monitoring wells MW-4, MW-11, MW-12, and B1 (JPHC).

Following the XX 2021 petrofix injection

4.0 REMARKS

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Prepared by

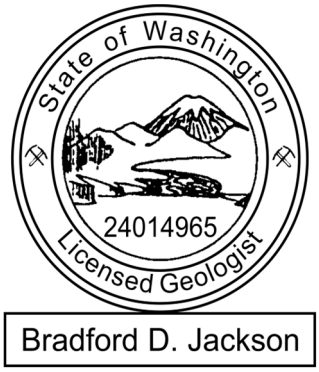
Mariah Holloway
Project Professional

Date: February 3, 2025

Reviewed by:

Don Wyll
Senior Project Manager

Date: February 3, 2025



Bradford Jackson, LG
Senior Project Manager

Date: February 3, 2025

cc: Mr. Nick Treat, Washington Department of Ecology, Northwest Regional Office (Electronic Copy)
Mr. Michael Dahlstrom, Owner - Caribbean Apartments (Electronic Copy)
Mr. Joshua Pope, Montgomery Purdue Blankinship & Austin, PPLC (Electronic Copy)
Mr. Enjay Santos and Ms. Erica Knauf Santos, Knauf Santos Law (Electronic Copy)
Mr. Eric Yuen, Owner – 1019 NE Northgate Way (Electronic Copy)
Ms. Tracy Tam, Owner – 1019 NE Northgate Way (Electronic Copy)
Mr. Wade Melton, Remediation Management Services Company (Electronic Copy - RMO upload)
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5.0 CONTACT INFORMATION

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Tables

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	10/5/1994	262.35	2.31	NP	--	260.04	--
MW-1	2/15/1995	262.35	1.39	NP	--	260.96	--
MW-1	4/10/1995	262.35	1.11	NP	--	261.24	--
MW-1	7/20/1995	262.35	1.78	NP	--	260.57	--
MW-1	10/25/1995	262.35	1.53	NP	--	260.82	--
MW-1	1/23/1996	262.35	0.79	NP	--	261.56	--
MW-1	4/17/1996	262.35	1.13	NP	--	261.22	--
MW-1	7/8/1996	262.35	1.30	NP	--	261.05	--
MW-1	10/10/1996	262.35	1.67	NP	--	260.68	--
MW-1	3/11/1997	262.35	0.82	NP	--	261.53	--
MW-1	5/29/1997	262.35	0.99	NP	--	261.36	--
MW-1	8/5/1997	262.35	0.31	NP	--	262.04	--
MW-1	10/23/1997	262.35	0.32	NP	--	262.03	--
MW-1	3/11/1998	262.35	0.81	NP	--	261.54	--
MW-1	6/30/1998	262.35	1.26	NP	--	261.09	--
MW-1	9/25/1998	262.35	1.73	NP	--	260.62	--
MW-1	12/29/1998	262.35	0.84	NP	--	261.51	--
MW-1	3/9/1999	262.35	0.60	NP	--	261.75	--
MW-1	6/2/1999	262.35	1.04	NP	--	261.31	--
MW-1	9/27/1999	262.35	1.71	NP	--	260.64	--
MW-1	12/20/1999	262.35	1.60	NP	--	260.75	--
MW-1	3/16/2000	262.35	1.40	NP	--	260.95	--
MW-1	6/30/2000	262.35	1.50	NP	--	260.85	--
MW-1	9/27/2000	262.35	1.50	NP	--	260.85	--
MW-1	11/10/2000	262.35	1.43	NP	--	260.92	--
MW-1	3/19/2001	262.35	1.45	NP	--	260.90	--
MW-1	6/27/2001	262.35	1.75	NP	--	260.60	--
MW-1	9/26/2001	262.35	2.15	NP	--	260.20	--
MW-1	12/3/2001	262.35	1.35	NP	--	261.00	--
MW-1	6/6/2002	262.35	1.54	NP	--	260.81	--
MW-1	6/26/2003	262.35	1.62	NP	--	260.73	--
MW-1	12/9/2003	262.35	1.37	NP	--	260.98	--
MW-1	4/7/2004	262.35	1.25	NP	--	261.10	--
MW-1	11/16/2004	262.35	1.82	NP	--	260.53	--
MW-1	3/29/2005	262.35	1.00	NP	--	261.35	--
MW-1	6/22/2005	262.35	1.40	NP	--	260.95	--
MW-1	9/12/2005	262.35	1.95	NP	--	260.40	--
MW-1	12/6/2005	262.35	1.64	NP	--	260.71	--
MW-1	6/5/2006	262.35	1.77	NP	--	260.58	--
MW-1	9/24/2007	262.35	2.98	NP	--	259.37	--
MW-1	12/31/2007	262.35	--	--	--	--	WI
MW-1	1/30/2008	262.35	2.83	NP	--	259.52	--
MW-1	4/3/2008	262.35	3.13	NP	--	259.22	--
MW-1	7/2/2008	262.35	3.88	NP	--	258.47	--
MW-1	10/3/2008	262.35	3.53	NP	--	258.82	--
MW-1	1/5/2009	262.35	2.87	NP	--	259.48	--
MW-1	4/7/2009	262.35	3.08	NP	--	259.27	--
MW-1	7/8/2009	262.35	2.89	NP	--	259.46	--
MW-1	10/6/2009	262.35	3.03	NP	--	259.32	--
MW-1	1/5/2010	262.35	2.06	NP	--	260.29	--

Table 1
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ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	5/25/2010	262.35	2.20	NP	--	260.15	--
MW-1	8/19/2010	262.35	2.59	NP	--	259.76	--
MW-1	12/7/2010	262.35	2.18	NP	--	260.17	--
MW-1	1/26/2011	262.35	1.69	NP	--	260.66	--
MW-1	6/16/2011	262.35	1.97	NP	--	260.38	--
MW-1	9/22/2011	262.35	3.04	NP	--	259.31	--
MW-1	12/6/2011	262.35	3.40	NP	--	258.95	--
MW-1	3/8/2012	262.35	2.05	NP	--	260.30	--
MW-1	6/19/2012	262.35	2.04	NP	--	260.31	--
MW-1	9/21/2012	262.35	2.50	NP	--	259.85	--
MW-1	12/11/2012	262.35	1.57	NP	--	260.78	--
MW-1	6/25/2013	262.35	1.88	NP	--	260.47	--
MW-1	9/25/2013	262.35	2.14	NP	--	260.21	--
MW-1	11/14/2013	262.35	2.09	NP	--	260.26	--
MW-1	2/12/2014	262.35	1.62	NP	--	260.73	--
MW-1	4/1/2014	262.35	1.22	NP	--	261.13	--
MW-1	7/9/2014	262.35	1.90	NP	--	260.45	--
MW-1	10/20/2014	262.35	2.13	NP	--	260.22	--
MW-1	1/19/2015	262.35	1.45	NP	--	260.90	--
MW-1	12/14/2015	262.35	1.34	NP	--	261.01	--
MW-1	3/10/2016	262.35	0.74	NP	--	261.61	--
MW-1	3/9/2020	262.35	1.25	NP	--	261.10	--
MW-1	9/28/2020	262.35	1.89	NP	--	260.46	--
MW-1	3/23/2021	262.35	1.32	NP	--	261.03	--
MW-1	9/28/2021	262.35	1.87	NP	--	260.48	--
MW-1	9/7/2022	262.35	2.22	NP	--	260.13	--
MW-1	3/29/2023	262.35	1.60	NP	--	260.75	--
MW-1	9/19/2023	262.35	2.32	NP	--	260.03	--
MW-1	3/7/2024	262.35	1.22	NP	--	261.13	--
MW-1	9/5/2024	262.35	2.01	NP	--	260.34	--
MW-2	10/5/1994	261.52	10.09	NP	--	251.43	--
MW-2	2/15/1995	261.52	9.05	NP	--	252.47	--
MW-2	4/11/1995	261.52	9.05	NP	--	252.47	--
MW-2	7/20/1995	261.52	9.70	NP	--	251.82	--
MW-2	10/25/1995	261.52	9.33	NP	--	252.19	--
MW-2	1/23/1996	261.52	8.22	NP	--	253.30	--
MW-2	4/17/1996	261.52	9.20	NP	--	252.32	--
MW-2	7/8/1996	261.52	9.45	NP	--	252.07	--
MW-2	10/10/1996	261.52	9.53	NP	--	251.99	--
MW-2	3/11/1997	261.52	8.31	NP	--	253.21	--
MW-2	5/29/1997	261.52	5.54	NP	--	255.98	--
MW-2	8/5/1997	261.52	9.40	NP	--	252.12	--
MW-2	10/23/1997	261.52	9.06	NP	--	252.46	--
MW-2	3/11/1998	261.52	12.71	NP	--	248.81	--
MW-2	6/30/1998	261.52	10.17	NP	--	251.35	--
MW-2	9/25/1998	261.52	10.14	NP	--	251.38	--
MW-2	3/9/1999	261.52	11.12	NP	--	250.40	--
MW-2	6/2/1999	261.52	9.66	NP	--	251.86	--
MW-2	9/27/1999	261.52	9.85	NP	--	251.67	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	12/20/1999	261.52	8.85	NP	--	252.67	--
MW-2	3/16/2000	261.52	9.53	NP	--	251.99	--
MW-2	6/30/2000	261.52	9.74	NP	--	251.78	--
MW-2	9/27/2000	261.52	9.74	NP	--	251.78	--
MW-2	11/10/2000	261.52	8.80	NP	--	252.72	--
MW-2	3/19/2001	261.52	8.69	NP	--	252.83	--
MW-2	6/27/2001	261.52	9.32	NP	--	252.20	--
MW-2	9/26/2001	261.52	10.20	NP	--	251.32	--
MW-2	12/3/2001	261.52	9.00	NP	--	252.52	--
MW-2	6/6/2002	261.52	9.65	NP	--	251.87	--
MW-2	6/26/2003	261.52	9.68	NP	--	251.84	--
MW-2	12/9/2003	261.52	8.93	NP	--	252.59	--
MW-2	4/7/2004	261.52	8.21	NP	--	253.31	--
MW-2	11/16/2004	261.52	8.36	NP	--	253.16	--
MW-2	3/29/2005	261.52	7.35	NP	--	254.17	--
MW-2	6/22/2005	261.52	8.10	NP	--	253.42	--
MW-2	9/12/2005	261.52	9.01	NP	--	252.51	--
MW-2	12/6/2005	261.52	7.56	NP	--	253.96	--
MW-2	6/5/2006	261.52	7.66	NP	--	253.86	--
MW-2	9/29/2006	261.52	16.28	NP	--	245.24	--
MW-2	12/19/2006	261.52	8.05	NP	--	253.47	--
MW-2	9/24/2007	261.52	10.04	NP	--	251.48	--
MW-2	12/31/2007	261.52	9.01	NP	--	252.51	--
MW-2	1/30/2008	261.52	8.97	NP	--	252.55	--
MW-2	4/3/2008	261.52	15.90	NP	--	245.62	--
MW-2	7/2/2008	261.52	14.90	NP	--	246.62	--
MW-2	10/3/2008	261.52	15.56	NP	--	245.96	--
MW-2	1/5/2009	261.52	13.52	NP	--	248.00	--
MW-2	4/8/2009	261.52	15.38	NP	--	246.14	--
MW-2	7/8/2009	261.52	10.52	NP	--	251.00	--
MW-2	10/6/2009	261.52	10.60	NP	--	250.92	--
MW-2	1/5/2010	261.52	9.65	NP	--	251.87	--
MW-2	5/25/2010	261.52	9.89	NP	--	251.63	--
MW-2	8/19/2010	261.52	10.16	NP	--	251.36	--
MW-2	12/7/2010	261.52	9.68	NP	--	251.84	--
MW-2	1/26/2011	261.52	9.26	NP	--	252.26	--
MW-2	6/16/2011	261.52	9.59	NP	--	251.93	--
MW-2	9/22/2011	261.52	14.06	NP	--	247.46	--
MW-2	12/6/2011	261.52	17.30	NP	--	244.22	--
MW-2	3/8/2012	261.52	10.50	NP	--	251.02	--
MW-2	6/19/2012	261.52	9.72	NP	--	251.80	--
MW-2	9/21/2012	261.52	10.09	NP	--	251.43	--
MW-2	12/11/2012	261.52	8.86	NP	--	252.66	--
MW-2	6/25/2013	261.52	9.50	NP	--	252.02	--
MW-2	9/25/2013	261.52	9.69	NP	--	251.83	--
MW-2	11/14/2013	261.52	9.34	NP	--	252.18	--
MW-2	2/12/2014	261.52	8.92	NP	--	252.60	--
MW-2	4/2/2014	261.52	8.51	NP	--	253.01	--
MW-2	7/10/2014	261.52	9.42	NP	--	252.10	--
MW-2	10/21/2014	261.52	9.46	NP	--	252.06	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	1/20/2015	261.52	8.75	NP	--	252.77	--
MW-2	12/14/2015	261.52	8.34	NP	--	253.18	--
MW-2	3/10/2016	261.52	7.81	NP	--	253.71	--
MW-2	8/29/2016	261.52	9.45	NP	--	252.07	--
MW-2	11/21/2016	261.52	8.30	NP	--	253.22	--
MW-2	2/15/2017	261.52	7.58	NP	--	253.94	--
MW-2	5/26/2017	261.52	--	--	--	--	WI
MW-2	10/17/2017	261.52	9.19	NP	--	252.33	--
MW-2	2/8/2018	261.52	7.73	NP	--	253.79	--
MW-2	9/11/2018	261.52	9.11	NP	--	252.41	--
MW-2	11/15/2018	261.52	8.93	NP	--	252.59	--
MW-2	1/29/2019	261.52	8.60	NP	--	252.92	--
MW-2	9/26/2019	261.52	9.23	NP	--	252.29	--
MW-2	3/9/2020	261.52	8.55	NP	--	252.97	--
MW-2	9/28/2020	261.52	9.25	NP	--	252.27	--
MW-2	3/23/2021	261.52	8.27	NP	--	253.25	--
MW-2	9/28/2021	261.52	9.09	NP	--	252.43	--
MW-2	9/13/2022	261.52	9.60	NP	--	251.92	--
MW-2	3/29/2023	261.52	8.29	NP	--	253.23	--
MW-2	9/19/2023	261.52	9.26	NP	--	252.26	--
MW-2	3/7/2024	261.52	7.36	NP	--	254.16	--
MW-2	9/5/2024	261.52	8.83	NP	--	252.69	--
MW-3	10/5/1994	261.47	10.10	NP	--	251.37	--
MW-3	2/15/1995	261.47	8.83	NP	--	252.64	--
MW-3	4/10/1995	261.47	8.90	NP	--	252.57	--
MW-3	7/20/1995	261.47	9.65	NP	--	251.82	--
MW-3	10/25/1995	261.47	9.27	NP	--	252.20	--
MW-3	1/23/1996	261.47	8.12	NP	--	253.35	--
MW-3	4/17/1996	261.47	9.17	NP	--	252.30	--
MW-3	7/8/1996	261.47	9.21	NP	--	252.26	--
MW-3	10/10/1996	261.47	9.60	NP	--	251.87	--
MW-3	3/11/1997	261.47	8.21	NP	--	253.26	--
MW-3	5/29/1997	261.47	8.13	NP	--	253.34	--
MW-3	8/5/1997	261.47	8.13	NP	--	253.34	--
MW-3	10/23/1997	261.47	11.31	NP	--	250.16	--
MW-3	3/11/1998	261.47	9.57	NP	--	251.90	--
MW-3	6/30/1998	261.47	9.82	NP	--	251.65	--
MW-3	9/25/1998	261.47	10.14	NP	--	251.33	--
MW-3	12/29/1998	261.47	9.15	NP	--	252.32	--
MW-3	3/9/1999	261.47	9.50	NP	--	251.97	--
MW-3	6/2/1999	261.47	9.41	NP	--	252.06	--
MW-3	9/27/1999	261.47	9.43	NP	--	252.04	--
MW-3	12/20/1999	261.47	8.20	NP	--	253.27	--
MW-3	3/16/2000	261.47	9.30	NP	--	252.17	--
MW-3	6/30/2000	261.47	9.66	NP	--	251.81	--
MW-3	9/27/2000	261.47	9.78	NP	--	251.69	--
MW-3	11/10/2000	261.47	8.88	NP	--	252.59	--
MW-3	3/19/2001	261.47	8.90	NP	--	252.57	--
MW-3	6/27/2001	261.47	9.62	NP	--	251.85	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-3	9/26/2001	261.47	10.28	NP	--	251.19	--
MW-3	12/3/2001	261.47	8.10	NP	--	253.37	--
MW-3	6/6/2002	261.47	9.70	NP	--	251.77	--
MW-3	6/26/2003	261.47	9.65	NP	--	251.82	--
MW-3	12/9/2003	261.47	8.87	NP	--	252.60	--
MW-3	4/7/2004	261.47	8.27	NP	--	253.20	--
MW-3	11/16/2004	261.47	8.40	NP	--	253.07	--
MW-3	3/29/2005	261.47	7.64	NP	--	253.83	--
MW-3	6/22/2005	261.47	8.67	NP	--	252.80	--
MW-3	9/12/2005	261.47	9.85	NP	--	251.62	--
MW-3	12/6/2005	261.47	7.83	NP	--	253.64	--
MW-3	6/5/2006	261.47	7.76	NP	--	253.71	--
MW-3	9/24/2007	261.47	10.20	NP	--	251.27	--
MW-3	12/31/2007	261.47	--	--	--	--	WI
MW-3	1/30/2008	261.47	8.73	NP	--	252.74	--
MW-3	4/3/2008	261.47	15.05	NP	--	246.42	--
MW-3	7/2/2008	261.47	14.86	NP	--	246.61	--
MW-3	10/3/2008	261.47	15.07	NP	--	246.40	--
MW-3	1/5/2009	261.47	12.74	NP	--	248.73	--
MW-3	4/7/2009	261.47	15.33	NP	--	246.14	--
MW-3	7/8/2009	261.47	10.41	NP	--	251.06	--
MW-3	10/6/2009	261.47	10.56	NP	--	250.91	--
MW-3	1/5/2010	261.47	9.48	NP	--	251.99	--
MW-3	5/25/2010	261.47	9.70	NP	--	251.77	--
MW-3	8/19/2010	261.47	10.15	NP	--	251.32	--
MW-3	12/7/2010	261.47	9.51	NP	--	251.96	--
MW-3	1/26/2011	261.47	8.80	NP	--	252.67	--
MW-3	6/16/2011	261.47	9.50	NP	--	251.97	--
MW-3	9/22/2011	261.47	14.25	NP	--	247.22	--
MW-3	3/8/2012	261.47	10.48	NP	--	250.99	--
MW-3	6/19/2012	261.47	9.54	NP	--	251.93	--
MW-3	9/21/2012	261.47	10.22	NP	--	251.25	--
MW-3	12/11/2012	261.47	8.35	NP	--	253.12	--
MW-3	6/25/2013	261.47	9.45	NP	--	252.02	--
MW-3	9/25/2013	261.47	9.78	NP	--	251.69	--
MW-3	11/14/2013	261.47	9.33	NP	--	252.14	--
MW-3	2/12/2014	261.47	8.83	NP	--	252.64	--
MW-3	4/2/2014	261.47	8.39	NP	--	253.08	--
MW-3	7/9/2014	261.47	9.53	NP	--	251.94	--
MW-3	10/20/2014	261.47	9.65	NP	--	251.82	--
MW-3	1/19/2015	261.47	8.64	NP	--	252.83	--
MW-3	3/9/2020	261.47	8.50	NP	--	252.97	--
MW-3	9/28/2020	261.47	9.40	NP	--	252.07	--
MW-3	3/23/2021	261.47	3.08	NP	--	258.39	--
MW-3	9/28/2021	261.47	9.69	NP	--	251.78	--
MW-3	9/7/2022	261.47	10.03	NP	--	251.44	--
MW-3	3/29/2023	261.47	8.73	NP	--	252.74	--
MW-3	9/19/2023	261.47	10.01	NP	--	251.46	--
MW-3	3/7/2024	261.47	8.05	NP	--	253.42	--
MW-3	9/5/2024	261.47	9.30	NP	--	252.17	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-4	10/5/1994	--	19.69	19.50	0.19	--	--
MW-4	2/15/1995	--	18.60	14.89	3.71	--	--
MW-4	4/10/1995	--	16.90	16.53	0.37	--	--
MW-4	10/25/1995	--	18.24	NP	--	--	--
MW-4	1/23/1996	--	15.37	NP	--	--	--
MW-4	4/17/1996	--	16.80	NP	--	--	--
MW-4	7/8/1996	--	15.29	NP	--	--	--
MW-4	10/10/1996	--	18.55	18.53	0.02	--	--
MW-4	3/11/1997	--	15.59	NP	--	--	--
MW-4	5/29/1997	--	15.65	14.93	0.72	--	--
MW-4	8/5/1997	--	16.39	15.91	0.48	--	--
MW-4	10/23/1997	--	19.72	19.70	0.02	--	--
MW-4	3/11/1998	--	14.74	NP	--	--	--
MW-4	6/30/1998	--	17.57	NP	--	--	--
MW-4	9/25/1998	--	17.80	NP	--	--	--
MW-4	12/29/1998	--	15.73	NP	--	--	--
MW-4	3/9/1999	--	14.70	NP	--	--	--
MW-4	6/2/1999	--	16.21	NP	--	--	--
MW-4	9/27/1999	--	18.58	NP	--	--	--
MW-4	12/20/1999	--	15.40	NP	--	--	--
MW-4	3/16/2000	--	15.85	NP	--	--	--
MW-4	6/30/2000	--	17.65	NP	--	--	--
MW-4	9/27/2000	--	18.25	NP	--	--	--
MW-4	11/10/2000	--	17.36	17.35	0.01	--	--
MW-4	3/19/2001	--	17.39	NP	--	--	--
MW-4	6/27/2001	--	17.83	NP	--	--	--
MW-4	9/26/2001	--	18.27	NP	--	--	--
MW-4	12/3/2001	--	16.05	NP	--	--	--
MW-4	6/6/2002	--	17.41	NP	--	--	--
MW-4	6/26/2003	--	17.56	NP	--	--	--
MW-4	12/9/2003	--	16.40	NP	--	--	--
MW-4	4/7/2004	--	16.53	NP	--	--	--
MW-4	11/16/2004	--	17.20	17.10	0.10	--	--
MW-4	3/29/2005	261.16	15.06	NP	--	246.10	--
MW-4	6/22/2005	261.16	16.97	NP	--	244.19	--
MW-4	9/12/2005	261.16	18.09	NP	--	243.07	--
MW-4	12/6/2005	261.16	16.75	NP	--	244.41	--
MW-4	6/5/2006	261.16	16.57	NP	--	244.59	--
MW-4	9/29/2006	261.16	25.28	NP	--	235.88	--
MW-4	12/19/2006	261.16	15.49	NP	--	245.67	--
MW-4	9/24/2007	261.16	18.45	NP	--	242.71	--
MW-4	12/31/2007	261.16	16.41	NP	--	244.75	--
MW-4	1/30/2008	261.16	16.49	NP	--	244.67	--
MW-4	4/3/2008	261.16	22.96	NP	--	238.20	--
MW-4	7/2/2008	261.16	20.43	NP	--	240.73	--
MW-4	10/3/2008	261.16	24.98	NP	--	236.18	--
MW-4	1/5/2009	261.16	21.07	NP	--	240.09	--
MW-4	4/8/2009	261.16	24.52	NP	--	236.64	--
MW-4	7/8/2009	261.16	18.37	NP	--	242.79	--
MW-4	10/6/2009	261.16	18.85	NP	--	242.31	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-4	1/5/2010	261.16	16.52	NP	--	244.64	--
MW-4	5/25/2010	261.16	17.11	NP	--	244.05	--
MW-4	8/19/2010	261.16	18.00	NP	--	243.16	--
MW-4	12/7/2010	261.16	16.60	NP	--	244.56	--
MW-4	1/26/2011	261.16	15.32	NP	--	245.84	--
MW-4	6/16/2011	261.16	16.72	NP	--	244.44	--
MW-4	9/22/2011	261.16	20.26	NP	--	240.90	--
MW-4	12/6/2011	261.16	21.94	NP	--	239.22	--
MW-4	3/8/2012	261.16	17.42	NP	--	243.74	--
MW-4	6/19/2012	261.16	17.22	NP	--	243.94	--
MW-4	9/21/2012	261.16	18.25	NP	--	242.91	--
MW-4	12/11/2012	261.16	15.80	NP	--	245.36	--
MW-4	6/25/2013	261.16	17.15	NP	--	244.01	--
MW-4	9/25/2013	261.16	17.88	NP	--	243.28	--
MW-4	11/14/2013	261.16	17.32	NP	--	243.84	--
MW-4	2/12/2014	261.16	16.80	NP	--	244.36	--
MW-4	4/2/2014	261.16	14.55	NP	--	246.61	--
MW-4	7/10/2014	261.16	17.24	NP	--	243.92	--
MW-4	10/22/2014	261.16	17.44	NP	--	243.72	--
MW-4	1/20/2015	261.16	15.72	NP	--	245.44	--
MW-4	12/16/2015	261.16	15.04	NP	--	246.12	--
MW-4	3/11/2016	261.16	14.24	NP	--	246.92	--
MW-4	8/29/2016	261.16	18.04	NP	--	243.12	--
MW-4	11/21/2016	261.16	15.31	NP	--	245.85	--
MW-4	2/15/2017	261.16	14.20	NP	--	246.96	--
MW-4	5/26/2017	261.16	15.21	NP	--	245.95	--
MW-4	10/17/2017	261.16	17.98	NP	--	243.18	--
MW-4	2/8/2018	261.16	14.25	NP	--	246.91	--
MW-4	9/11/2018	261.16	17.85	NP	--	243.31	--
MW-4	11/15/2018	261.16	17.40	NP	--	243.76	--
MW-4	1/29/2019	261.16	15.93	NP	--	245.23	--
MW-4	8/27/2019	261.16	17.87	NP	--	243.29	--
MW-4	9/26/2019	261.16	18.74	NP	--	242.42	--
MW-4	3/9/2020	261.16	15.53	NP	--	245.63	--
MW-4	9/28/2020	261.16	17.59	NP	--	243.57	--
MW-4	3/23/2021	261.16	15.37	NP	--	245.79	--
MW-4	9/28/2021	261.16	18.02	NP	--	243.14	--
MW-4	11/8/2021	261.16	16.31	NP	--	244.85	--
MW-4	12/13/2021	261.16	14.97	NP	--	246.19	--
MW-4	3/30/2022	261.16	15.29	NP	--	245.87	--
MW-4	6/27/2022	261.16	15.77	NP	--	245.39	--
MW-4	9/7/2022	261.16	18.11	NP	--	243.05	--
MW-4	3/29/2023	261.16	15.94	NP	--	245.22	--
MW-4	9/19/2023	261.16	18.50	NP	--	242.66	--
MW-4	3/7/2024	261.16	15.92	NP	--	245.24	--
MW-4	9/5/2024	261.16	17.51	NP	--	243.65	--
MW-5	10/5/1994	--	19.20	NP	--	--	--
MW-5	2/15/1995	--	16.20	NP	--	--	--
MW-5	4/10/1995	--	16.59	NP	--	--	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-5	7/20/1995	--	16.96	NP	--	--	--
MW-5	10/26/1995	--	16.55	NP	--	--	--
MW-5	1/23/1996	--	15.30	NP	--	--	--
MW-5	4/17/1996	--	12.72	NP	--	--	--
MW-5	7/8/1996	--	16.25	NP	--	--	--
MW-5	3/11/1997	261.04	14.80	NP	--	246.24	--
MW-5	5/29/1997	261.04	12.38	NP	--	248.66	--
MW-5	8/5/1997	261.04	15.54	NP	--	245.50	--
MW-5	10/23/1997	261.04	15.29	NP	--	245.75	--
MW-5	3/11/1998	261.04	14.03	NP	--	247.01	--
MW-5	6/30/1998	261.04	13.17	NP	--	247.87	--
MW-5	9/25/1998	261.04	16.79	NP	--	244.25	--
MW-5	12/29/1998	261.04	13.12	NP	--	247.92	--
MW-5	3/9/1999	261.04	10.04	NP	--	251.00	--
MW-5	6/2/1999	261.04	16.11	NP	--	244.93	--
MW-5	9/27/1999	261.04	15.50	NP	--	245.54	--
MW-5	12/20/1999	261.04	15.00	NP	--	246.04	--
MW-5	3/16/2000	261.04	11.39	NP	--	249.65	--
MW-5	6/30/2000	261.04	16.93	NP	--	244.11	--
MW-5	9/27/2000	261.04	17.67	NP	--	243.37	--
MW-5	11/10/2000	261.04	17.10	NP	--	243.94	--
MW-5	3/19/2001	261.04	16.57	NP	--	244.47	--
MW-5	6/27/2001	261.04	16.52	NP	--	244.52	--
MW-5	9/26/2001	261.04	14.22	NP	--	246.82	--
MW-5	12/3/2001	261.04	15.32	NP	--	245.72	--
MW-5	6/26/2003	261.04	16.83	NP	--	244.21	--
MW-5	12/9/2003	261.04	15.59	NP	--	245.45	--
MW-5	4/7/2004	261.04	16.10	NP	--	244.94	--
MW-5	11/16/2004	261.04	16.58	NP	--	244.46	--
MW-5	3/29/2005	261.04	16.03	NP	--	245.01	--
MW-5	6/22/2005	261.04	16.57	NP	--	244.47	--
MW-5	9/12/2005	261.04	17.44	NP	--	243.60	--
MW-5	12/6/2005	261.04	15.86	NP	--	245.18	--
MW-5	6/5/2006	261.04	15.78	NP	--	245.26	--
MW-5	9/29/2006	261.04	23.75	NP	--	237.29	--
MW-5	12/19/2006	261.04	14.58	NP	--	246.46	--
MW-5	9/24/2007	261.04	17.61	NP	--	243.43	--
MW-5	12/31/2007	261.04	15.40	NP	--	245.64	--
MW-5	1/30/2008	261.04	15.50	NP	--	245.54	--
MW-5	4/3/2008	261.04	20.44	NP	--	240.60	--
MW-5	7/2/2008	261.04	19.21	NP	--	241.83	--
MW-5	10/3/2008	261.04	22.82	NP	--	238.22	--
MW-5	1/5/2009	261.04	20.60	NP	--	240.44	--
MW-5	4/8/2009	261.04	21.52	NP	--	239.52	--
MW-5	7/8/2009	261.04	17.51	NP	--	243.53	--
MW-5	10/6/2009	261.04	18.30	NP	--	242.74	--
MW-5	1/5/2010	261.04	15.62	NP	--	245.42	--
MW-5	5/25/2010	261.04	16.25	NP	--	244.79	--
MW-5	8/19/2010	261.04	17.40	NP	--	243.64	--
MW-5	12/7/2010	261.04	15.81	NP	--	245.23	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-5	1/26/2011	261.04	14.56	NP	--	246.48	--
MW-5	6/16/2011	261.04	15.95	NP	--	245.09	--
MW-5	9/22/2011	261.04	19.22	NP	--	241.82	--
MW-5	12/6/2011	261.04	20.45	NP	--	240.59	--
MW-5	3/8/2012	261.04	16.40	NP	--	244.64	--
MW-5	6/19/2012	261.04	16.27	NP	--	244.77	--
MW-5	9/21/2012	261.04	17.65	NP	--	243.39	--
MW-5	12/11/2012	261.04	14.24	NP	--	246.80	--
MW-5	6/25/2013	261.04	16.34	NP	--	244.70	--
MW-5	9/25/2013	261.04	17.37	NP	--	243.67	--
MW-5	11/14/2013	261.04	16.69	NP	--	244.35	--
MW-5	2/12/2014	261.04	15.95	NP	--	245.09	--
MW-5	4/1/2014	261.04	14.15	NP	--	246.89	--
MW-5	7/10/2014	261.04	16.72	NP	--	244.32	--
MW-5	10/21/2014	261.04	17.05	NP	--	243.99	--
MW-5	1/20/2015	261.04	14.53	NP	--	246.51	--
MW-5	12/14/2015	261.04	15.09	NP	--	245.95	--
MW-5	3/10/2016	261.04	13.82	NP	--	247.22	--
MW-5	8/29/2016	261.04	17.70	NP	--	243.34	--
MW-5	11/21/2016	261.04	14.77	NP	--	246.27	--
MW-5	2/15/2017	261.04	13.42	NP	--	247.62	--
MW-5	5/26/2017	261.04	14.82	NP	--	246.22	--
MW-5	10/17/2017	261.04	17.61	NP	--	243.43	--
MW-5	2/8/2018	261.04	13.66	NP	--	247.38	--
MW-5	9/11/2018	261.04	--	--	--	--	WI
MW-5	3/9/2020	261.04	14.92	NP	--	246.12	--
MW-5	3/23/2021	261.04	14.25	NP	--	246.79	--
MW-5	9/28/2021	261.04	17.72	NP	--	243.32	--
MW-5	9/7/2022	261.04	17.64	NP	--	243.40	--
MW-5	3/29/2023	261.04	15.28	NP	--	245.76	--
MW-5	9/19/2023	261.04	18.22	NP	--	242.82	--
MW-5	3/7/2024	261.04	15.49	NP	--	245.55	--
MW-5	9/5/2024	261.04	17.23	NP	--	243.81	--
MW-6	10/5/1994	261.72	10.35	NP	--	251.37	--
MW-6	2/15/1995	261.72	9.24	NP	--	252.48	--
MW-6	4/10/1995	261.72	9.29	NP	--	252.43	--
MW-6	7/20/1995	261.72	10.08	NP	--	251.64	--
MW-6	10/25/1995	261.72	9.77	NP	--	251.95	--
MW-6	1/23/1996	261.72	8.56	NP	--	253.16	--
MW-6	4/17/1996	261.72	9.50	NP	--	252.22	--
MW-6	7/8/1996	261.72	9.65	NP	--	252.07	--
MW-6	10/10/1996	261.72	9.95	NP	--	251.77	--
MW-6	3/11/1997	261.72	8.69	NP	--	253.03	--
MW-6	5/29/1997	261.72	8.73	NP	--	252.99	--
MW-6	8/5/1997	261.72	8.90	NP	--	252.82	--
MW-6	10/23/1997	261.72	8.08	NP	--	253.64	--
MW-6	3/11/1998	261.72	11.51	NP	--	250.21	--
MW-6	6/30/1998	261.72	10.44	NP	--	251.28	--
MW-6	9/25/1998	261.72	10.56	NP	--	251.16	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-6	12/29/1998	261.72	9.68	NP	--	252.04	--
MW-6	3/9/1999	261.72	11.23	NP	--	250.49	--
MW-6	6/2/1999	261.72	9.89	NP	--	251.83	--
MW-6	9/27/1999	261.72	8.22	NP	--	253.50	--
MW-6	12/20/1999	261.72	9.30	NP	--	252.42	--
MW-6	3/16/2000	261.72	9.64	NP	--	252.08	--
MW-6	6/30/2000	261.72	10.10	NP	--	251.62	--
MW-6	9/27/2000	261.72	10.51	NP	--	251.21	--
MW-6	11/10/2000	261.72	9.25	NP	--	252.47	--
MW-6	3/19/2001	261.72	9.15	NP	--	252.57	--
MW-6	6/27/2001	261.72	9.96	NP	--	251.76	--
MW-6	9/26/2001	261.72	10.53	NP	--	251.19	--
MW-6	12/3/2001	261.72	9.05	NP	--	252.67	--
MW-6	6/26/2003	261.72	10.02	NP	--	251.70	--
MW-6	12/9/2003	261.72	9.25	NP	--	252.47	--
MW-6	4/7/2004	261.72	8.65	NP	--	253.07	--
MW-6	11/16/2004	261.72	8.82	NP	--	252.90	--
MW-6	3/29/2005	261.72	8.10	NP	--	253.62	--
MW-6	6/22/2005	261.72	8.77	NP	--	252.95	--
MW-6	9/12/2005	261.72	9.65	NP	--	252.07	--
MW-6	12/6/2005	261.72	8.24	NP	--	253.48	--
MW-6	6/5/2006	261.72	8.08	NP	--	253.64	--
MW-6	9/29/2006	261.72	15.73	NP	--	245.99	--
MW-6	12/19/2006	261.72	8.21	NP	--	253.51	--
MW-6	9/24/2007	261.72	10.55	NP	--	251.17	--
MW-6	12/31/2007	261.72	--	--	--	--	WI
MW-6	1/30/2008	261.72	9.09	NP	--	252.63	--
MW-6	4/3/2008	261.72	15.89	NP	--	245.83	--
MW-6	7/2/2008	261.72	15.43	NP	--	246.29	--
MW-6	10/3/2008	261.72	15.48	NP	--	246.24	--
MW-6	1/5/2009	261.72	13.06	NP	--	248.66	--
MW-6	4/8/2009	261.72	17.48	NP	--	244.24	--
MW-6	7/8/2009	261.72	11.00	NP	--	250.72	--
MW-6	10/6/2009	261.72	11.17	NP	--	250.55	--
MW-6	1/5/2010	261.72	10.06	NP	--	251.66	--
MW-6	5/25/2010	261.72	10.26	NP	--	251.46	--
MW-6	8/19/2010	261.72	10.66	NP	--	251.06	--
MW-6	12/7/2010	261.72	10.04	NP	--	251.68	--
MW-6	1/26/2011	261.72	9.48	NP	--	252.24	--
MW-6	6/16/2011	261.72	9.98	NP	--	251.74	--
MW-6	9/22/2011	261.72	14.79	NP	--	246.93	--
MW-6	12/6/2011	261.72	17.88	NP	--	243.84	--
MW-6	3/8/2012	261.72	11.03	NP	--	250.69	--
MW-6	6/19/2012	261.72	15.09	NP	--	246.63	--
MW-6	9/21/2012	261.72	10.71	NP	--	251.01	--
MW-6	12/11/2012	261.72	9.46	NP	--	252.26	--
MW-6	6/25/2013	261.72	10.03	NP	--	251.69	--
MW-6	9/25/2013	261.72	10.32	NP	--	251.40	--
MW-6	11/14/2013	261.72	9.86	NP	--	251.86	--
MW-6	2/12/2014	261.72	9.44	NP	--	252.28	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-6	4/1/2014	261.72	8.87	NP	--	252.85	--
MW-6	7/9/2014	261.72	9.97	NP	--	251.75	--
MW-6	10/20/2014	261.72	10.09	NP	--	251.63	--
MW-6	1/19/2015	261.72	9.05	NP	--	252.67	--
MW-6	12/14/2015	261.72	8.81	NP	--	252.91	--
MW-6	3/10/2016	261.72	8.46	NP	--	253.26	--
MW-6	3/9/2020	261.72	8.97	NP	--	252.75	--
MW-6	9/28/2020	261.72	9.98	NP	--	251.74	--
MW-6	3/23/2021	261.72	8.64	NP	--	253.08	--
MW-6	9/28/2021	261.72	10.16	NP	--	251.56	--
MW-6	9/7/2022	261.72	10.60	NP	--	251.12	--
MW-6	3/29/2023	261.72	8.99	NP	--	252.73	--
MW-6	9/19/2023	261.72	10.46	NP	--	251.26	--
MW-6	3/7/2024	261.72	8.55	NP	--	253.17	--
MW-6	9/5/2024	261.72	9.82	NP	--	251.90	--
MW-7	10/5/1994	261.21	17.62	NP	--	243.59	--
MW-7	2/15/1995	261.21	15.00	NP	--	246.21	--
MW-7	4/10/1995	261.21	15.10	NP	--	246.11	--
MW-7	7/20/1995	261.21	16.70	NP	--	244.51	--
MW-7	10/26/1995	261.21	16.38	NP	--	244.83	--
MW-7	1/23/1996	261.21	14.26	NP	--	246.95	--
MW-7	4/17/1996	261.21	15.39	NP	--	245.82	--
MW-7	7/8/1996	261.21	15.65	NP	--	245.56	--
MW-7	10/10/1996	261.21	16.35	NP	--	244.86	--
MW-7	3/11/1997	261.21	14.21	NP	--	247.00	--
MW-7	5/29/1997	261.21	11.56	NP	--	249.65	--
MW-7	8/5/1997	261.21	14.92	NP	--	246.29	--
MW-7	10/23/1997	261.21	13.96	NP	--	247.25	--
MW-7	3/11/1998	261.21	14.30	NP	--	246.91	--
MW-7	6/30/1998	261.21	15.88	NP	--	245.33	--
MW-7	12/29/1998	261.21	13.98	NP	--	247.23	--
MW-7	3/9/1999	261.21	13.59	NP	--	247.62	--
MW-7	6/2/1999	261.21	14.84	NP	--	246.37	--
MW-7	9/27/1999	261.21	15.10	NP	--	246.11	--
MW-7	12/20/1999	261.21	14.00	NP	--	247.21	--
MW-7	3/16/2000	261.21	14.55	NP	--	246.66	--
MW-7	6/30/2000	261.21	16.08	NP	--	245.13	--
MW-7	9/27/2000	261.21	16.53	NP	--	244.68	--
MW-7	11/10/2000	261.21	15.85	NP	--	245.36	--
MW-7	3/19/2001	261.21	15.48	NP	--	245.73	--
MW-7	6/27/2001	261.21	16.11	NP	--	245.10	--
MW-7	9/26/2001	261.21	16.67	NP	--	244.54	--
MW-7	12/3/2001	261.21	14.29	NP	--	246.92	--
MW-7	12/9/2003	261.21	14.50	NP	--	246.71	--
MW-7	4/7/2004	261.21	14.97	NP	--	246.24	--
MW-7	11/16/2004	261.21	15.24	NP	--	245.97	--
MW-7	3/29/2005	261.21	14.41	NP	--	246.80	--
MW-7	6/22/2005	261.21	15.39	NP	--	245.82	--
MW-7	9/12/2005	261.21	16.18	NP	--	245.03	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-7	12/6/2005	261.21	14.47	NP	--	246.74	--
MW-7	6/5/2006	261.21	14.43	NP	--	246.78	--
MW-7	9/29/2006	261.21	21.71	NP	--	239.50	--
MW-7	12/19/2006	261.21	13.63	NP	--	247.58	--
MW-7	9/24/2007	261.21	--	--	--	--	Dry
MW-7	12/31/2007	261.21	14.54	NP	--	246.67	--
MW-7	1/30/2008	261.21	14.66	NP	--	246.55	--
MW-7	4/3/2008	261.21	19.26	NP	--	241.95	--
MW-7	7/2/2008	261.21	18.34	NP	--	242.87	--
MW-7	10/3/2008	261.21	20.13	NP	--	241.08	--
MW-7	1/5/2009	261.21	18.50	NP	--	242.71	--
MW-7	4/8/2009	261.21	20.85	NP	--	240.36	--
MW-7	7/8/2009	261.21	16.45	NP	--	244.76	--
MW-7	10/6/2009	261.21	16.98	NP	--	244.23	--
MW-7	1/5/2010	261.21	14.77	NP	--	246.44	--
MW-7	5/25/2010	261.21	15.45	NP	--	245.76	--
MW-7	8/19/2010	261.21	16.30	NP	--	244.91	--
MW-7	12/7/2010	261.21	14.88	NP	--	246.33	--
MW-7	1/26/2011	261.21	13.84	NP	--	247.37	--
MW-7	6/16/2011	261.21	15.05	NP	--	246.16	--
MW-7	9/22/2011	261.21	18.12	NP	--	243.09	--
MW-7	12/6/2011	261.21	19.71	NP	--	241.50	--
MW-7	3/8/2012	261.21	15.50	NP	--	245.71	--
MW-7	6/19/2012	261.21	15.09	NP	--	246.12	--
MW-7	9/21/2012	261.21	16.37	NP	--	244.84	--
MW-7	12/11/2012	261.21	13.45	NP	--	247.76	--
MW-7	6/25/2013	261.21	15.19	NP	--	246.02	--
MW-7	9/25/2013	261.21	15.85	NP	--	245.36	--
MW-7	11/14/2013	261.21	15.32	NP	--	245.89	--
MW-7	2/12/2014	261.21	15.77	NP	--	245.44	--
MW-7	4/1/2014	261.21	13.15	NP	--	248.06	--
MW-7	7/9/2014	261.21	15.56	NP	--	245.65	--
MW-7	10/20/2014	261.21	15.63	NP	--	245.58	--
MW-7	1/19/2015	261.21	14.06	NP	--	247.15	--
MW-7	3/9/2020	261.21	13.66	NP	--	247.55	--
MW-7	9/28/2020	261.21	15.10	NP	--	246.11	--
MW-7	3/23/2021	261.21	12.98	NP	--	248.23	--
MW-7	9/28/2021	261.21	16.36	NP	--	244.85	--
MW-7	9/7/2022	261.21	16.52	NP	--	244.69	--
MW-7	3/29/2023	261.21	14.43	NP	--	246.78	--
MW-7	9/19/2023	261.21	16.85	NP	--	244.36	--
MW-7	3/7/2024	261.21	13.52	NP	--	247.69	--
MW-7	9/5/2024	261.21	15.80	NP	--	245.41	--
MW-8	10/5/1994	--	18.11	NP	--	--	--
MW-8	2/15/1995	--	15.07	NP	--	--	--
MW-8	4/10/1995	--	15.07	NP	--	--	--
MW-8	7/20/1995	--	16.96	NP	--	--	--
MW-8	10/25/1995	--	16.85	NP	--	--	--
MW-8	1/23/1996	259.58	13.95	NP	--	245.63	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-8	4/17/1996	259.58	15.46	NP	--	244.12	--
MW-8	7/8/1996	259.58	15.89	NP	--	243.69	--
MW-8	10/10/1996	259.58	16.70	NP	--	242.88	--
MW-8	3/11/1997	259.58	14.19	NP	--	245.39	--
MW-8	5/29/1997	259.58	14.41	NP	--	245.17	--
MW-8	8/5/1997	259.58	14.10	NP	--	245.48	--
MW-8	10/23/1997	259.58	14.17	NP	--	245.41	--
MW-8	3/11/1998	259.58	14.00	NP	--	245.58	--
MW-8	6/30/1998	259.58	17.58	NP	--	242.00	--
MW-8	9/25/1998	259.58	17.08	NP	--	242.50	--
MW-8	12/29/1998	259.58	14.49	NP	--	245.09	--
MW-8	3/9/1999	259.58	13.48	NP	--	246.10	--
MW-8	6/2/1999	259.58	15.36	NP	--	244.22	--
MW-8	9/27/1999	259.58	16.79	NP	--	242.79	--
MW-8	12/20/1999	259.58	14.38	NP	--	245.20	--
MW-8	3/16/2000	259.58	14.80	NP	--	244.78	--
MW-8	6/30/2000	259.58	16.35	NP	--	243.23	--
MW-8	9/27/2000	259.58	17.24	NP	--	242.34	--
MW-8	11/10/2000	259.58	16.80	NP	--	242.78	--
MW-8	3/19/2001	259.58	16.05	NP	--	243.53	--
MW-8	6/27/2001	259.58	16.62	NP	--	242.96	--
MW-8	9/26/2001	259.58	17.64	NP	--	241.94	--
MW-8	12/3/2001	259.58	15.17	NP	--	244.41	--
MW-8	6/6/2002	259.58	16.00	NP	--	243.58	--
MW-8	6/26/2003	259.58	16.52	NP	--	243.06	--
MW-8	12/9/2003	259.58	15.45	NP	--	244.13	--
MW-8	4/7/2004	259.58	15.51	NP	--	244.07	--
MW-8	11/16/2004	259.58	16.45	NP	--	243.13	--
MW-8	3/29/2005	259.58	16.08	NP	--	243.50	--
MW-8	6/22/2005	259.58	16.12	NP	--	243.46	--
MW-8	9/12/2005	259.58	17.15	NP	--	242.43	--
MW-8	12/6/2005	259.58	15.80	NP	--	243.78	--
MW-8	6/5/2006	259.58	15.08	NP	--	244.50	--
MW-8	9/24/2007	259.58	17.16	NP	--	242.42	--
MW-8	12/31/2007	259.58	15.00	NP	--	244.58	--
MW-8	1/30/2008	259.58	14.87	NP	--	244.71	--
MW-8	4/2/2008	259.58	18.07	NP	--	241.51	--
MW-8	7/1/2008	259.58	18.34	NP	--	241.24	--
MW-8	10/3/2008	259.58	19.32	NP	--	240.26	--
MW-8	1/6/2009	259.58	18.14	NP	--	241.44	--
MW-8	4/8/2009	259.58	17.70	NP	--	241.88	--
MW-8	7/8/2009	259.58	16.95	NP	--	242.63	--
MW-8	10/6/2009	259.58	17.80	NP	--	241.78	--
MW-8	1/5/2010	259.58	15.11	NP	--	244.47	--
MW-8	5/25/2010	259.58	15.52	NP	--	244.06	--
MW-8	8/19/2010	259.58	16.80	NP	--	242.78	--
MW-8	12/7/2010	259.58	15.54	NP	--	244.04	--
MW-8	1/26/2011	259.58	13.80	NP	--	245.78	--
MW-8	6/16/2011	259.58	15.15	NP	--	244.43	--
MW-8	9/22/2011	259.58	18.25	NP	--	241.33	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-8	12/6/2011	259.58	18.16	NP	--	241.42	--
MW-8	3/8/2012	259.58	15.89	NP	--	243.69	--
MW-8	6/19/2012	259.58	12.67	NP	--	246.91	--
MW-8	9/21/2012	259.58	17.20	NP	--	242.38	--
MW-8	12/11/2012	259.58	14.28	NP	--	245.30	--
MW-8	6/26/2013	259.58	15.85	NP	--	243.73	--
MW-8	9/25/2013	259.58	16.98	NP	--	242.60	--
MW-8	11/15/2013	259.58	16.45	NP	--	243.13	--
MW-8	2/13/2014	259.58	15.84	NP	--	243.74	--
MW-8	4/2/2014	259.58	13.65	NP	--	245.93	--
MW-8	7/10/2014	259.58	16.03	NP	--	243.55	--
MW-8	10/21/2014	259.58	16.79	NP	--	242.79	--
MW-8	1/19/2015	259.58	14.35	NP	--	245.23	--
MW-8	6/1/2016	259.58	15.25	NP	--	244.33	--
MW-8	8/29/2016	259.58	17.04	NP	--	242.54	--
MW-8	11/21/2016	259.58	14.69	NP	--	244.89	--
MW-8	2/15/2017	259.58	10.47	NP	--	249.11	--
MW-8	5/26/2017	259.58	12.43	NP	--	247.15	--
MW-8	10/17/2017	259.58	16.62	NP	--	242.96	--
MW-8	2/8/2018	259.58	11.71	NP	--	247.87	--
MW-8	9/11/2018	259.58	16.78	NP	--	242.80	--
MW-8	11/15/2018	259.58	16.66	NP	--	242.92	--
MW-8	1/29/2019	259.58	14.89	NP	--	244.69	--
MW-8	9/26/2019	259.58	17.06	NP	--	242.52	--
MW-8	3/9/2020	259.58	14.18	NP	--	245.40	--
MW-8	9/28/2020	259.58	17.10	NP	--	242.48	--
MW-8	3/23/2021	259.58	14.06	NP	--	245.52	--
MW-8	9/28/2021	259.58	17.60	NP	--	241.98	--
MW-8	3/30/2022	259.58	13.70	NP	--	245.88	--
MW-8	9/7/2022	259.58	16.65	NP	--	242.93	--
MW-8	3/29/2023	259.58	14.33	NP	--	245.25	--
MW-8	9/19/2023	259.58	17.75	NP	--	241.83	--
MW-8	3/7/2024	259.58	13.32	NP	--	246.26	--
MW-8	9/5/2024	259.58	16.79	NP	--	242.79	--
MW-9	10/5/1994	--	19.51	NP	--	--	--
MW-9	2/15/1995	--	16.71	NP	--	--	--
MW-9	4/10/1995	--	16.83	NP	--	--	--
MW-9	7/20/1995	--	18.66	NP	--	--	--
MW-9	10/25/1995	--	18.29	NP	--	--	--
MW-9	1/23/1996	258.96	15.47	NP	--	243.49	--
MW-9	4/17/1996	258.96	17.18	NP	--	241.78	--
MW-9	7/8/1996	258.96	17.73	NP	--	241.23	--
MW-9	10/10/1996	258.96	18.47	NP	--	240.49	--
MW-9	3/11/1997	258.96	15.91	NP	--	243.05	--
MW-9	5/29/1997	258.96	14.77	NP	--	244.19	--
MW-9	8/5/1997	258.96	16.21	NP	--	242.75	--
MW-9	10/23/1997	258.96	15.81	NP	--	243.15	--
MW-9	3/11/1998	258.96	15.88	NP	--	243.08	--
MW-9	6/30/1998	258.96	17.97	NP	--	240.99	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	9/25/1998	258.96	18.57	NP	--	240.39	--
MW-9	12/29/1998	258.96	15.84	NP	--	243.12	--
MW-9	3/9/1999	258.96	15.00	NP	--	243.96	--
MW-9	6/2/1999	258.96	17.17	NP	--	241.79	--
MW-9	9/27/1999	258.96	18.39	NP	--	240.57	--
MW-9	12/20/1999	258.96	15.85	NP	--	243.11	--
MW-9	3/16/2000	258.96	16.35	NP	--	242.61	--
MW-9	6/30/2000	258.96	18.05	NP	--	240.91	--
MW-9	9/27/2000	258.96	18.87	NP	--	240.09	--
MW-9	11/10/2000	258.96	18.04	NP	--	240.92	--
MW-9	3/19/2001	258.96	17.50	NP	--	241.46	--
MW-9	6/27/2001	258.96	18.08	NP	--	240.88	--
MW-9	9/26/2001	258.96	18.80	NP	--	240.16	--
MW-9	12/3/2001	258.96	16.25	NP	--	242.71	WI
MW-9	6/6/2002	258.96	17.72	NP	--	241.24	--
MW-9	6/26/2003	258.96	18.07	NP	--	240.89	--
MW-9	12/9/2003	258.96	16.51	NP	--	242.45	--
MW-9	4/7/2004	258.96	17.10	NP	--	241.86	--
MW-9	11/16/2004	258.96	17.21	NP	--	241.75	--
MW-9	3/29/2005	258.96	16.81	NP	--	242.15	--
MW-9	6/22/2005	258.96	17.70	NP	--	241.26	--
MW-9	9/12/2005	258.96	18.64	NP	--	240.32	--
MW-9	12/6/2005	258.96	17.10	NP	--	241.86	--
MW-9	6/5/2006	258.96	17.01	NP	--	241.95	--
MW-9	9/24/2007	258.96	18.88	NP	--	240.08	--
MW-9	12/31/2007	258.96	16.57	NP	--	242.39	--
MW-9	1/30/2008	258.96	--	--	--	--	WI
MW-9	4/2/2008	258.96	19.63	NP	--	239.33	--
MW-9	7/1/2008	258.96	19.99	NP	--	238.97	--
MW-9	10/3/2008	258.96	20.74	NP	--	238.22	--
MW-9	1/6/2009	258.96	19.11	NP	--	239.85	--
MW-9	4/8/2009	258.96	18.98	NP	--	239.98	--
MW-9	7/8/2009	258.96	18.55	NP	--	240.41	--
MW-9	10/6/2009	258.96	19.19	NP	--	239.77	--
MW-9	1/5/2010	258.96	15.50	NP	--	243.46	--
MW-9	5/25/2010	258.96	17.17	NP	--	241.79	--
MW-9	8/19/2010	258.96	18.39	NP	--	240.57	--
MW-9	12/7/2010	258.96	16.95	NP	--	242.01	--
MW-9	1/26/2011	258.96	15.18	NP	--	243.78	--
MW-9	6/16/2011	258.96	16.84	NP	--	242.12	--
MW-9	9/22/2011	258.96	19.62	NP	--	239.34	--
MW-9	12/6/2011	258.96	19.14	NP	--	239.82	--
MW-9	3/8/2012	258.96	17.17	NP	--	241.79	--
MW-9	6/19/2012	258.96	17.22	NP	--	241.74	--
MW-9	9/21/2012	258.96	18.54	NP	--	240.42	--
MW-9	12/11/2012	258.96	15.20	NP	--	243.76	--
MW-9	6/26/2013	258.96	17.31	NP	--	241.65	--
MW-9	9/25/2013	258.96	18.23	NP	--	240.73	--
MW-9	11/14/2013	258.96	17.64	NP	--	241.32	--
MW-9	2/14/2014	258.96	16.96	NP	--	242.00	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	4/2/2014	258.96	15.05	NP	--	243.91	--
MW-9	7/10/2014	258.96	17.54	NP	--	241.42	--
MW-9	10/21/2014	258.96	17.90	NP	--	241.06	--
MW-9	1/20/2015	258.96	15.88	NP	--	243.08	--
MW-9	12/14/2015	258.96	15.40	NP	--	243.56	--
MW-9	3/10/2016	258.96	14.74	NP	--	244.22	--
MW-9	6/1/2016	258.96	17.06	NP	--	241.90	--
MW-9	8/29/2016	258.96	18.48	NP	--	240.48	--
MW-9	11/21/2016	258.96	15.80	NP	--	243.16	--
MW-9	2/15/2017	258.96	13.94	NP	--	245.02	--
MW-9	5/26/2017	258.96	15.34	NP	--	243.62	--
MW-9	10/17/2017	258.96	18.29	NP	--	240.67	--
MW-9	2/8/2018	258.96	14.09	NP	--	244.87	--
MW-9	9/11/2018	258.96	18.31	NP	--	240.65	--
MW-9	11/15/2018	258.96	17.71	NP	--	241.25	--
MW-9	1/29/2019	258.96	16.02	NP	--	242.94	--
MW-9	9/26/2019	258.96	18.02	NP	--	240.94	--
MW-9	3/9/2020	258.96	15.66	NP	--	243.30	--
MW-9	9/28/2020	258.96	18.10	NP	--	240.86	--
MW-9	3/23/2021	258.96	15.65	NP	--	243.31	--
MW-9	9/28/2021	258.96	18.47	NP	--	240.49	--
MW-9	9/7/2022	258.96	18.35	NP	--	240.61	--
MW-9	3/29/2023	258.96	16.10	NP	--	242.86	--
MW-9	9/19/2023	258.96	18.94	NP	--	240.02	--
MW-9	3/7/2024	258.96	15.26	NP	--	243.70	--
MW-9	9/5/2024	258.96	17.99	NP	--	240.97	--
MW-10	10/5/1994	256.56	17.52	NP	--	239.04	--
MW-10	2/15/1995	256.56	14.70	NP	--	241.86	--
MW-10	4/10/1995	256.56	14.91	NP	--	241.65	--
MW-10	7/20/1995	256.56	16.67	NP	--	239.89	--
MW-10	10/25/1995	256.56	16.22	NP	--	240.34	--
MW-10	1/23/1996	256.56	13.40	NP	--	243.16	--
MW-10	4/17/1996	256.56	15.27	NP	--	241.29	--
MW-10	7/8/1996	256.56	15.85	NP	--	240.71	--
MW-10	10/10/1996	256.56	16.50	NP	--	240.06	--
MW-10	3/11/1997	256.56	13.91	NP	--	242.65	--
MW-10	5/29/1997	256.56	12.36	NP	--	244.20	--
MW-10	8/5/1997	256.56	16.49	NP	--	240.07	--
MW-10	10/23/1997	256.56	13.82	NP	--	242.74	--
MW-10	3/11/1998	256.56	14.09	NP	--	242.47	--
MW-10	6/30/1998	256.56	16.38	NP	--	240.18	--
MW-10	9/25/1998	256.56	16.69	NP	--	239.87	--
MW-10	12/29/1998	256.56	13.83	NP	--	242.73	--
MW-10	3/9/1999	256.56	13.44	NP	--	243.12	--
MW-10	6/2/1999	256.56	15.31	NP	--	241.25	--
MW-10	9/27/1999	256.56	16.51	NP	--	240.05	--
MW-10	12/20/1999	256.56	13.99	NP	--	242.57	--
MW-10	3/16/2000	256.56	14.60	NP	--	241.96	--
MW-10	6/30/2000	256.56	16.17	NP	--	240.39	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-10	9/27/2000	256.56	17.02	NP	--	239.54	--
MW-10	11/10/2000	256.56	16.02	NP	--	240.54	--
MW-10	3/19/2001	256.56	15.55	NP	--	241.01	--
MW-10	6/27/2001	256.56	16.11	NP	--	240.45	--
MW-10	9/26/2001	256.56	16.90	NP	--	239.66	--
MW-10	12/3/2001	256.56	14.05	NP	--	242.51	WI
MW-10	6/6/2002	256.56	15.95	NP	--	240.61	--
MW-10	6/26/2003	256.56	16.30	NP	--	240.26	--
MW-10	12/9/2003	256.56	14.55	NP	--	242.01	--
MW-10	4/7/2004	256.56	15.36	NP	--	241.20	--
MW-10	11/16/2004	256.56	16.00	NP	--	240.56	--
MW-10	3/29/2005	256.56	14.88	NP	--	241.68	--
MW-10	6/22/2005	256.56	15.95	NP	--	240.61	--
MW-10	9/12/2005	256.56	16.80	NP	--	239.76	--
MW-10	12/6/2005	256.56	15.13	NP	--	241.43	--
MW-10	6/5/2006	256.56	15.22	NP	--	241.34	--
MW-10	9/24/2007	256.56	17.06	NP	--	239.50	--
MW-10	12/31/2007	256.56	14.74	NP	--	241.82	--
MW-10	1/30/2008	256.56	--	--	--	--	WI
MW-10	4/2/2008	256.56	17.65	NP	--	238.91	--
MW-10	7/1/2008	256.56	18.15	NP	--	238.41	--
MW-10	10/3/2008	256.56	18.83	NP	--	237.73	--
MW-10	1/6/2009	256.56	16.96	NP	--	239.60	--
MW-10	4/8/2009	256.56	16.88	NP	--	239.68	--
MW-10	7/8/2009	256.56	16.76	NP	--	239.80	--
MW-10	10/6/2009	256.56	17.32	NP	--	239.24	--
MW-10	1/5/2010	256.56	14.69	NP	--	241.87	--
MW-10	5/25/2010	256.56	15.57	NP	--	240.99	--
MW-10	8/19/2010	256.56	16.68	NP	--	239.88	--
MW-10	12/7/2010	256.56	15.15	NP	--	241.41	--
MW-10	1/26/2011	256.56	13.78	NP	--	242.78	--
MW-10	6/16/2011	256.56	15.41	NP	--	241.15	--
MW-10	9/22/2011	256.56	17.88	NP	--	238.68	--
MW-10	12/6/2011	256.56	17.11	NP	--	239.45	--
MW-10	3/8/2012	256.56	15.34	NP	--	241.22	--
MW-10	6/19/2012	256.56	15.63	NP	--	240.93	--
MW-10	9/21/2012	256.56	16.89	NP	--	239.67	--
MW-10	12/11/2012	256.56	13.59	NP	--	242.97	--
MW-10	6/26/2013	256.56	15.77	NP	--	240.79	--
MW-10	9/25/2013	256.56	16.42	NP	--	240.14	--
MW-10	11/14/2013	256.56	15.96	NP	--	240.60	--
MW-10	2/13/2014	256.56	15.24	NP	--	241.32	--
MW-10	4/2/2014	256.56	13.63	NP	--	242.93	--
MW-10	7/11/2014	256.56	16.15	NP	--	240.41	--
MW-10	10/21/2014	256.56	16.20	NP	--	240.36	--
MW-10	1/20/2015	256.56	14.33	NP	--	242.23	--
MW-10	3/11/2016	256.56	13.05	NP	--	243.51	--
MW-10	8/29/2016	256.56	16.92	NP	--	239.64	--
MW-10	11/21/2016	256.56	14.11	NP	--	242.45	--
MW-10	2/15/2017	256.56	12.77	NP	--	243.79	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-10	5/26/2017	256.56	14.33	NP	--	242.23	--
MW-10	10/17/2017	256.56	16.68	NP	--	239.88	--
MW-10	2/8/2018	256.56	12.94	NP	--	243.62	--
MW-10	9/11/2018	256.56	16.81	NP	--	239.75	--
MW-10	11/15/2018	256.56	16.14	NP	--	240.42	--
MW-10	1/29/2019	256.56	14.65	NP	--	241.91	--
MW-10	9/26/2019	256.56	16.44	NP	--	240.12	--
MW-10	3/9/2020	256.56	14.43	NP	--	242.13	--
MW-10	9/28/2020	256.56	16.49	NP	--	240.07	--
MW-10	3/23/2021	256.56	14.31	NP	--	242.25	--
MW-10	9/28/2021	256.56	16.78	NP	--	239.78	--
MW-10	11/8/2021	256.56	15.16	NP	--	241.40	--
MW-10	12/13/2021	256.56	14.02	NP	--	242.54	--
MW-10	3/30/2022	256.56	14.43	NP	--	242.13	--
MW-10	6/27/2022	256.56	15.00	NP	--	241.56	--
MW-10	9/7/2022	256.56	16.91	NP	--	239.65	--
MW-10	3/29/2023	256.56	14.71	NP	--	241.85	--
MW-10	9/19/2023	256.56	17.31	NP	--	239.25	--
MW-10	3/7/2024	256.56	13.92	NP	--	242.64	--
MW-10	9/5/2024	256.56	16.45	NP	--	240.11	--
MW-11	4/10/1995	--	16.95	16.25	0.70	--	--
MW-11	7/20/1995	--	19.04	19.02	0.02	--	--
MW-11	10/25/1995	--	17.98	17.96	0.02	--	--
MW-11	1/23/1996	--	13.35	NP	--	--	--
MW-11	4/17/1996	--	20.50	NP	--	--	--
MW-11	7/8/1996	261.85	20.55	15.50	5.05	245.09	--
MW-11	10/10/1996	261.85	16.25	15.00	1.25	246.54	--
MW-11	3/11/1997	261.85	16.39	15.47	0.92	246.15	--
MW-11	5/29/1997	261.85	12.99	12.82	0.17	248.99	--
MW-11	8/5/1997	261.85	14.81	14.11	0.70	247.57	--
MW-11	10/23/1997	261.85	20.04	19.93	0.11	241.89	--
MW-11	3/11/1998	261.85	15.00	NP	--	246.85	--
MW-11	6/30/1998	261.85	13.26	NP	--	248.59	--
MW-11	9/25/1998	261.85	16.49	16.47	0.02	245.38	--
MW-11	12/29/1998	261.85	14.43	NP	--	247.42	--
MW-11	3/9/1999	261.85	10.35	NP	--	251.50	--
MW-11	6/2/1999	261.85	16.34	16.32	0.02	245.53	--
MW-11	9/27/1999	261.85	15.80	NP	--	246.05	--
MW-11	12/20/1999	261.85	15.21	NP	--	246.64	--
MW-11	3/16/2000	261.85	11.90	NP	--	249.95	--
MW-11	6/30/2000	261.85	17.35	NP	--	244.50	--
MW-11	9/27/2000	261.85	18.20	18.14	0.06	243.70	--
MW-11	11/10/2000	261.85	17.28	17.26	0.02	244.59	--
MW-11	3/19/2001	261.85	17.16	17.15	0.01	244.70	--
MW-11	6/27/2001	261.85	16.80	NP	--	245.05	--
MW-11	9/26/2001	261.85	15.30	NP	--	246.55	WI
MW-11	12/3/2001	261.85	15.90	NP	--	245.95	--
MW-11	6/6/2002	261.85	16.84	NP	--	245.01	WI
MW-11	6/26/2003	261.85	17.49	17.45	0.04	244.39	WI

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Groundwater Gauging Data
ARCO Facility No. 980
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-11	12/9/2003	261.85	16.19	NP	--	245.66	--
MW-11	4/7/2004	261.85	16.48	16.46	0.02	245.39	--
MW-11	11/16/2004	261.85	17.00	NP	--	244.85	--
MW-11	3/29/2005	261.85	16.15	NP	--	245.70	--
MW-11	6/22/2005	261.85	17.15	NP	--	244.70	--
MW-11	9/12/2005	261.85	17.99	NP	--	243.86	--
MW-11	12/6/2005	261.85	16.68	NP	--	245.17	--
MW-11	6/5/2006	261.85	16.55	NP	--	245.30	--
MW-11	9/29/2006	261.85	20.90	NP	--	240.95	--
MW-11	12/19/2006	261.85	15.25	NP	--	246.60	--
MW-11	9/24/2007	261.85	14.42	NP	--	247.43	--
MW-11	12/31/2007	261.85	--	--	--	--	WI
MW-11	4/3/2008	261.85	--	--	--	--	WI
MW-11	7/1/2008	261.85	--	--	--	--	WI
MW-11	10/3/2008	261.85	21.82	NP	--	240.03	--
MW-11	1/6/2009	261.85	--	--	--	--	Dry
MW-11	4/8/2009	261.85	19.20	NP	--	242.65	--
MW-11	7/8/2009	261.85	18.09	NP	--	243.76	--
MW-11	10/6/2009	261.85	18.77	NP	--	243.08	--
MW-11	1/5/2010	261.85	16.14	NP	--	245.71	--
MW-11	5/25/2010	261.85	16.56	NP	--	245.29	--
MW-11	8/19/2010	261.85	17.84	NP	--	244.01	--
MW-11	12/7/2010	261.85	16.95	NP	--	244.90	--
MW-11	1/26/2011	261.85	14.91	NP	--	246.94	--
MW-11	6/16/2011	261.85	16.29	NP	--	245.56	--
MW-11	9/22/2011	261.85	20.40	NP	--	241.45	--
MW-11	12/6/2011	261.85	18.11	NP	--	243.74	--
MW-11	3/8/2012	261.85	17.40	NP	--	244.45	--
MW-11	6/19/2012	261.85	16.80	NP	--	245.05	--
MW-11	9/21/2012	261.85	18.15	NP	--	243.70	--
MW-11	12/11/2012	261.85	14.80	NP	--	247.05	--
MW-11	6/27/2013	261.85	16.88	NP	--	244.97	--
MW-11	9/26/2013	261.85	17.90	NP	--	243.95	--
MW-11	11/15/2013	261.85	17.07	NP	--	244.78	--
MW-11	2/13/2014	261.85	16.51	NP	--	245.34	--
MW-11	4/2/2014	261.85	14.52	NP	--	247.33	--
MW-11	7/11/2014	261.85	17.12	NP	--	244.73	--
MW-11	10/22/2014	261.85	17.54	NP	--	244.31	--
MW-11	1/21/2015	261.85	15.60	NP	--	246.25	--
MW-11	12/14/2015	261.85	14.20	NP	--	247.65	--
MW-11	3/10/2016	261.85	14.86	NP	--	246.99	--
MW-11	6/1/2016	261.85	16.95	NP	--	244.90	--
MW-11	8/29/2016	261.85	18.11	NP	--	243.74	--
MW-11	11/21/2016	261.85	15.50	NP	--	246.35	--
MW-11	2/15/2017	261.85	14.54	NP	--	247.31	--
MW-11	5/26/2017	261.85	15.66	NP	--	246.19	--
MW-11	10/17/2017	261.85	18.04	NP	--	243.81	--
MW-11	2/8/2018	261.85	14.45	NP	--	247.40	--
MW-11	9/11/2018	261.85	17.96	NP	--	243.89	--
MW-11	11/15/2018	261.85	17.42	NP	--	244.43	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-11	1/29/2019	261.85	15.89	NP	--	245.96	--
MW-11	8/27/2019	261.85	17.94	NP	--	243.91	--
MW-11	9/26/2019	261.85	17.77	NP	--	244.08	--
MW-11	3/9/2020	261.85	15.73	NP	--	246.12	--
MW-11	9/28/2020	261.85	17.72	NP	--	244.13	--
MW-11	3/23/2021	261.85	15.61	NP	--	246.24	--
MW-11	9/28/2021	261.85	18.09	NP	--	243.76	--
MW-11	11/5/2021	261.85	18.09	NP	--	243.76	--
MW-11	9/7/2022	261.85	18.11	NP	--	243.74	--
MW-11	3/29/2023	261.85	15.93	NP	--	245.92	--
MW-11	9/19/2023	261.85	18.53	NP	--	243.32	--
MW-11	3/7/2024	261.85	15.13	NP	--	246.72	--
MW-11	9/5/2024	261.85	17.61	NP	--	244.24	--
MW-12	7/11/1996	257.84	11.69	NP	--	246.15	--
MW-12	10/10/1996	257.84	13.63	NP	--	244.21	--
MW-12	3/11/1997	257.84	8.65	NP	--	249.19	--
MW-12	5/29/1997	257.84	11.17	NP	--	246.67	--
MW-12	8/5/1997	257.84	11.68	NP	--	246.16	--
MW-12	10/23/1997	257.84	11.41	NP	--	246.43	--
MW-12	3/11/1998	257.84	10.50	NP	--	247.34	--
MW-12	6/30/1998	257.84	13.12	NP	--	244.72	--
MW-12	9/25/1998	257.84	13.57	13.51	0.06	244.32	--
MW-12	12/29/1998	257.84	11.37	NP	--	246.47	--
MW-12	3/9/1999	257.84	10.67	NP	--	247.17	--
MW-12	6/2/1999	257.84	12.48	NP	--	245.36	--
MW-12	9/27/1999	257.84	13.76	13.50	0.26	244.28	--
MW-12	12/20/1999	257.84	11.64	11.24	0.40	246.50	--
MW-12	3/16/2000	257.84	11.75	11.74	0.01	246.10	--
MW-12	6/30/2000	257.84	13.45	NP	--	244.39	--
MW-12	9/27/2000	257.84	14.00	13.84	0.16	243.96	--
MW-12	11/10/2000	257.84	13.28	13.03	0.25	244.75	--
MW-12	3/19/2001	257.84	13.20	13.00	0.20	244.79	--
MW-12	6/27/2001	257.84	13.95	13.92	0.03	243.91	--
MW-12	9/26/2001	257.84	14.10	14.08	0.02	243.76	--
MW-12	12/3/2001	257.84	12.16	12.13	0.03	245.70	--
MW-12	6/6/2002	257.84	13.30	13.25	0.05	244.58	--
MW-12	6/26/2003	257.84	13.52	13.25	0.27	244.52	--
MW-12	12/9/2003	257.84	12.18	12.16	0.02	245.68	--
MW-12	4/7/2004	257.84	12.71	NP	--	245.13	--
MW-12	11/16/2004	257.84	13.00	12.80	0.20	244.99	--
MW-12	3/29/2005	257.84	12.08	NP	--	245.76	--
MW-12	6/22/2005	257.84	13.04	NP	--	244.80	--
MW-12	9/12/2005	257.84	13.84	NP	--	244.00	--
MW-12	12/6/2005	257.84	12.26	NP	--	245.58	--
MW-12	6/5/2006	257.84	12.11	NP	--	245.73	--
MW-12	9/29/2006	257.84	17.50	NP	--	240.34	--
MW-12	12/19/2006	257.84	10.87	NP	--	246.97	--
MW-12	9/24/2007	257.84	14.30	NP	--	243.54	--
MW-12	12/31/2007	257.84	12.12	NP	--	245.72	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	1/29/2008	257.84	11.92	NP	--	245.92	--
MW-12	4/3/2008	257.84	19.67	NP	--	238.17	--
MW-12	7/1/2008	257.84	17.26	NP	--	240.58	--
MW-12	10/3/2008	257.84	19.78	NP	--	238.06	--
MW-12	1/6/2009	257.84	12.93	NP	--	244.91	--
MW-12	4/8/2009	257.84	17.04	NP	--	240.80	--
MW-12	7/8/2009	257.84	13.67	NP	--	244.17	--
MW-12	10/6/2009	257.84	14.25	NP	--	243.59	--
MW-12	1/6/2010	257.84	12.09	NP	--	245.75	--
MW-12	5/25/2010	257.84	12.37	NP	--	245.47	--
MW-12	8/19/2010	257.84	13.30	NP	--	244.54	--
MW-12	12/7/2010	257.84	12.28	NP	--	245.56	--
MW-12	1/26/2011	257.84	10.83	NP	--	247.01	--
MW-12	6/16/2011	257.84	12.20	NP	--	245.64	--
MW-12	9/22/2011	257.84	16.41	NP	--	241.43	--
MW-12	12/6/2011	257.84	17.17	NP	--	240.67	--
MW-12	3/8/2012	257.84	14.07	NP	--	243.77	--
MW-12	6/19/2012	257.84	12.23	NP	--	245.61	--
MW-12	9/21/2012	257.84	13.63	NP	--	244.21	--
MW-12	12/11/2012	257.84	10.10	NP	--	247.74	--
MW-12	6/27/2013	257.84	12.58	NP	--	245.26	--
MW-12	9/26/2013	257.84	13.45	NP	--	244.39	--
MW-12	11/15/2013	257.84	12.50	NP	--	245.34	--
MW-12	2/13/2014	257.84	12.19	NP	--	245.65	--
MW-12	4/2/2014	257.84	10.28	NP	--	247.56	--
MW-12	7/11/2014	257.84	12.69	NP	--	245.15	--
MW-12	10/22/2014	257.84	13.08	NP	--	244.76	--
MW-12	1/21/2015	257.84	11.59	NP	--	246.25	--
MW-12	12/16/2015	257.84	10.76	NP	--	247.08	--
MW-12	3/11/2016	257.84	10.08	NP	--	247.76	--
MW-12	6/1/2016	257.84	12.51	NP	--	245.33	--
MW-12	8/29/2016	257.84	13.71	NP	--	244.13	--
MW-12	11/21/2016	257.84	11.20	NP	--	246.64	--
MW-12	2/15/2017	257.84	9.90	NP	--	247.94	--
MW-12	4/7/2017	257.84	9.05	NP	--	248.79	--
MW-12	5/26/2017	257.84	11.05	NP	--	246.79	--
MW-12	10/17/2017	257.84	13.60	NP	--	244.24	--
MW-12	2/8/2018	257.84	9.87	NP	--	247.97	--
MW-12	9/11/2018	257.84	13.57	NP	--	244.27	--
MW-12	11/15/2018	257.84	13.10	NP	--	244.74	--
MW-12	1/29/2019	257.84	11.50	NP	--	246.34	--
MW-12	9/26/2019	257.84	13.42	NP	--	244.42	--
MW-12	3/9/2020	257.84	11.44	NP	--	246.40	--
MW-12	9/28/2020	257.84	13.49	NP	--	244.35	--
MW-12	3/23/2021	257.84	11.47	NP	--	246.37	--
MW-12	9/28/2021	257.84	13.92	NP	--	243.92	--
MW-12	11/8/2021	257.84	12.33	NP	--	245.51	--
MW-12	12/13/2021	257.84	10.87	NP	--	246.97	--
MW-12	3/30/2022	257.84	11.60	NP	--	246.24	--
MW-12	6/27/2022	257.84	11.51	NP	--	246.33	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	9/7/2022	257.84	13.68	NP	--	244.16	--
MW-12	3/29/2023	257.84	11.48	NP	--	246.36	--
MW-12	9/19/2023	257.84	14.12	NP	--	243.72	--
MW-12	3/7/2024	257.84	10.70	NP	--	247.14	--
MW-12	9/5/2024	257.84	13.23	NP	--	244.61	--
MW-13	9/26/2019	258.01	13.34	NP	--	244.67	--
MW-13	3/9/2020	258.01	11.37	NP	--	246.64	--
MW-13	9/28/2020	258.01	13.36	NP	--	244.65	--
MW-13	3/23/2021	258.01	11.23	NP	--	246.78	--
MW-13	9/28/2021	258.01	13.79	NP	--	244.22	--
MW-13	11/8/2021	258.01	11.89	NP	--	246.12	--
MW-13	3/30/2022	258.01	9.49	NP	--	248.52	--
MW-13	6/27/2022	258.01	10.14	NP	--	247.87	--
MW-13	9/7/2022	258.01	13.40	NP	--	244.61	--
MW-13	3/29/2023	258.01	10.36	NP	--	247.65	--
MW-13	9/19/2023	258.01	13.95	NP	--	244.06	--
MW-13	3/7/2024	258.01	7.65	NP	--	250.36	--
MW-13	9/5/2024	258.01	13.04	NP	--	244.97	--
MW-14	9/26/2019	258.27	6.08	NP	--	252.19	--
MW-14	3/9/2020	258.27	5.40	NP	--	252.87	--
MW-14	9/28/2020	258.27	6.00	NP	--	252.27	--
MW-14	3/23/2021	258.27	5.04	NP	--	253.23	--
MW-14	9/28/2021	--	--	--	--	--	--
MW-14	9/7/2022	258.27	6.50	NP	--	251.77	--
MW-14	3/29/2023	258.27	5.12	NP	--	253.15	--
MW-14	9/19/2023	258.27	6.17	NP	--	252.10	--
MW-14	3/7/2024	258.27	4.79	NP	--	253.48	--
MW-14	9/5/2024	258.27	--	NP	--	--	WI
MW-15	9/26/2019	258.25	13.92	NP	--	244.33	--
MW-15	3/9/2020	258.25	12.10	NP	--	246.15	--
MW-15	9/28/2020	258.25	--	--	--	--	WI
MW-15	3/23/2021	258.25	12.14	NP	--	246.11	--
MW-15	9/28/2021	--	--	--	--	--	--
MW-15	11/8/2021	258.25	12.58	NP	--	245.67	--
MW-15	3/30/2022	258.25	11.94	NP	--	246.31	--
MW-15	6/27/2022	258.25	12.45	NP	--	245.80	--
MW-15	9/7/2022	258.25	14.51	NP	--	243.74	--
MW-15	3/29/2023	258.25	12.37	NP	--	245.88	--
MW-15	9/19/2023	258.25	14.80	NP	--	243.45	--
MW-15	3/7/2024	258.25	11.54	NP	--	246.71	--
MW-15	9/5/2024	258.25	13.86	NP	--	244.39	--
MW-16	9/26/2019	259.53	16.41	NP	--	243.12	--
MW-16	3/9/2020	259.53	12.13	NP	--	247.40	--
MW-16	9/28/2020	259.53	16.48	NP	--	243.05	--
MW-16	3/23/2021	259.53	12.13	NP	--	247.40	--
MW-16	9/28/2021	259.53	17.03	NP	--	242.50	--

Table 1
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ARCO Facility No. 980
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-16	9/19/2023	259.53	17.41	NP	--	242.12	--
MW-16	3/7/2024	259.53	11.51	NP	--	248.02	--
MW-16	9/5/2024	259.53	--	NP	--	--	WI
MW-17	12/14/2020	253.47	11.10	NP	--	242.37	--
MW-17	3/23/2021	253.47	10.26	NP	--	243.21	--
MW-17	9/28/2021	253.47	12.39	NP	--	241.08	--
MW-17	9/7/2022	253.47	12.68	NP	--	240.79	--
MW-17	3/29/2023	253.47	--	--	--	--	--
MW-17	9/19/2023	--	--	--	--	--	NO
MW-17	3/7/2024	253.47	9.79	NP	--	243.68	--
MW-17	9/5/2024	253.47	--	NP	--	--	Dry
MW-18	12/14/2020	249.67	8.47	NP	--	241.20	--
MW-18	3/23/2021	249.67	7.54	NP	--	242.13	--
MW-18	9/28/2021	249.67	10.03	NP	--	239.64	--
MW-18	9/7/2022	249.67	10.25	NP	--	239.42	--
MW-18	3/29/2023	249.67	7.99	NP	--	241.68	--
MW-18	9/19/2023	249.67	10.60	NP	--	239.07	--
MW-18	3/7/2024	249.67	7.09	NP	--	242.58	--
MW-18	9/5/2024	249.67	--	NP	--	--	Dry
MW-19	12/14/2020	249.21	8.17	NP	--	241.04	--
MW-19	3/23/2021	249.21	7.21	NP	--	242.00	--
MW-19	9/28/2021	249.21	9.60	NP	--	239.61	--
MW-19	11/8/2021	249.21	7.87	NP	--	241.34	--
MW-19	3/30/2022	249.21	7.38	NP	--	241.83	--
MW-19	6/27/2022	249.21	7.97	NP	--	241.24	--
MW-19	9/7/2022	249.21	9.85	NP	--	239.36	--
MW-19	3/29/2023	249.21	7.65	NP	--	241.56	--
MW-20	9/28/2021	261.36	16.42	NP	--	244.94	--
MW-20	3/30/2022	261.36	13.87	NP	--	247.49	--
MW-20	6/27/2022	261.36	14.18	NP	--	247.18	--
MW-20	9/7/2022	261.36	16.09	NP	--	245.27	--
MW-20	3/29/2023	261.36	13.99	NP	--	247.37	--
MW-20	9/19/2023	261.36	16.24	NP	--	245.12	--
MW-21	9/28/2021	261.26	10.83	NP	--	250.43	--
MW-21	3/30/2022	261.26	9.23	NP	--	252.03	--
MW-21	9/7/2022	261.26	11.10	NP	--	250.16	--
MW-21	3/29/2023	261.26	9.31	NP	--	251.95	--
MW-21	9/19/2023	261.26	11.16	NP	--	250.10	--
MW-21	3/7/2024	261.26	8.67	NP	--	252.59	--
MW-21	9/5/2024	261.26	10.11	NP	--	251.15	--
MW-23	3/29/2023	260.42	12.10	NP	--	248.32	--
MW-23	6/28/2023	260.42	13.91	NP	--	246.51	--
MW-23	9/19/2023	260.42	15.08	NP	--	245.34	--
MW-23	12/6/2023	260.42	9.85	NP	--	250.57	--
MW-23	3/7/2024	260.42	10.01	NP	--	250.41	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-23	9/5/2024	260.42	13.01	NP	--	247.41	--
MW-24	3/29/2023	260.08	15.28	NP	--	244.80	--
MW-24	6/28/2023	260.08	16.96	NP	--	243.12	--
MW-24	9/19/2023	260.08	18.28	NP	--	241.80	--
MW-24	3/7/2024	260.08	14.36	NP	--	245.72	--
MW-24	9/5/2024	260.08	--	NP	--	--	WI
B1 (JPHC)	2/15/1995	--	14.72	11.45	3.27	--	--
B1 (JPHC)	7/20/1995	--	14.63	14.37	0.26	--	--
B1 (JPHC)	10/25/1995	--	14.20	NP	--	--	--
B1 (JPHC)	1/23/1996	--	12.20	NP	--	--	--
B1 (JPHC)	4/17/1996	--	14.13	13.43	0.70	--	--
B1 (JPHC)	7/8/1996	257.71	13.10	NP	--	244.61	--
B1 (JPHC)	10/10/1996	257.71	14.40	NP	--	243.31	--
B1 (JPHC)	3/11/1997	257.71	8.67	NP	--	249.04	--
B1 (JPHC)	5/29/1997	257.71	9.06	NP	--	248.65	--
B1 (JPHC)	8/5/1997	257.71	9.28	NP	--	248.43	--
B1 (JPHC)	10/23/1997	257.71	9.40	NP	--	248.31	--
B1 (JPHC)	3/11/1998	257.71	15.02	NP	--	242.69	--
B1 (JPHC)	6/30/1998	257.71	13.41	NP	--	244.30	--
B1 (JPHC)	9/25/1998	257.71	13.67	13.59	0.08	244.10	--
B1 (JPHC)	12/29/1998	257.71	12.24	NP	--	245.47	--
B1 (JPHC)	3/9/1999	257.71	11.50	NP	--	246.21	--
B1 (JPHC)	6/2/1999	257.71	12.57	NP	--	245.14	--
B1 (JPHC)	12/20/1999	257.71	--	--	--	--	Dry
B1 (JPHC)	3/16/2000	257.71	12.00	NP	--	245.71	--
B1 (JPHC)	6/30/2000	257.71	13.56	NP	--	244.15	--
B1 (JPHC)	9/27/2000	257.71	14.02	NP	--	243.69	--
B1 (JPHC)	11/10/2000	257.71	13.59	NP	--	244.12	--
B1 (JPHC)	3/19/2001	257.71	13.47	NP	--	244.24	--
B1 (JPHC)	6/27/2001	257.71	14.90	14.89	0.01	242.82	WI
B1 (JPHC)	9/26/2001	257.71	14.25	14.24	0.01	243.47	--
B1 (JPHC)	12/3/2001	257.71	12.00	NP	--	245.71	IW
B1 (JPHC)	6/26/2003	257.71	13.91	13.61	0.30	244.03	--
B1 (JPHC)	12/9/2003	257.71	12.20	NP	--	245.51	--
B1 (JPHC)	4/7/2004	257.71	12.71	NP	--	245.00	--
B1 (JPHC)	11/16/2004	257.71	13.58	NP	--	244.13	--
B1 (JPHC)	3/29/2005	257.71	12.30	NP	--	245.41	--
B1 (JPHC)	6/22/2005	257.71	15.50	NP	--	242.21	--
B1 (JPHC)	9/12/2005	257.71	14.04	NP	--	243.67	--
B1 (JPHC)	12/6/2005	257.71	13.27	NP	--	244.44	--
B1 (JPHC)	6/5/2006	257.71	12.79	NP	--	244.92	--
B1 (JPHC)	12/19/2006	257.71	11.40	NP	--	246.31	--
B1 (JPHC)	9/24/2007	257.71	14.95	NP	--	242.76	--
B1 (JPHC)	12/31/2007	257.71	--	--	--	--	WI
B1 (JPHC)	1/30/2008	257.71	12.76	NP	--	244.95	--
B1 (JPHC)	4/3/2008	257.71	21.44	NP	--	236.27	IW
B1 (JPHC)	7/1/2008	257.71	17.62	NP	--	240.09	--
B1 (JPHC)	10/3/2008	257.71	19.15	NP	--	238.56	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
B1 (JPHC)	1/6/2009	257.71	18.50	NP	--	239.21	--
B1 (JPHC)	4/8/2009	257.71	19.79	NP	--	237.92	--
B1 (JPHC)	7/8/2009	257.71	14.12	NP	--	243.59	--
B1 (JPHC)	10/6/2009	257.71	15.70	NP	--	242.01	--
B1 (JPHC)	1/6/2010	257.71	12.68	NP	--	245.03	--
B1 (JPHC)	5/25/2010	257.71	13.12	NP	--	244.59	--
B1 (JPHC)	8/19/2010	257.71	14.04	NP	--	243.67	--
B1 (JPHC)	12/7/2010	257.71	12.87	NP	--	244.84	--
B1 (JPHC)	1/26/2011	257.71	11.58	NP	--	246.13	--
B1 (JPHC)	6/16/2011	257.71	12.84	NP	--	244.87	--
B1 (JPHC)	9/22/2011	257.71	16.09	NP	--	241.62	--
B1 (JPHC)	12/6/2011	257.71	18.31	NP	--	239.40	--
B1 (JPHC)	3/8/2012	257.71	13.30	NP	--	244.41	--
B1 (JPHC)	6/19/2012	257.71	12.98	NP	--	244.73	--
B1 (JPHC)	9/21/2012	257.71	14.19	NP	--	243.52	--
B1 (JPHC)	12/11/2012	257.71	11.16	NP	--	246.55	--
B1 (JPHC)	6/26/2013	257.71	13.20	NP	--	244.51	--
B1 (JPHC)	9/26/2013	257.71	13.90	NP	--	243.81	--
B1 (JPHC)	11/15/2013	257.71	13.20	NP	--	244.51	--
B1 (JPHC)	2/13/2014	257.71	12.72	NP	--	244.99	--
B1 (JPHC)	4/2/2014	257.71	11.21	NP	--	246.50	--
B1 (JPHC)	7/11/2014	257.71	13.37	NP	--	244.34	--
B1 (JPHC)	10/22/2014	257.71	13.73	NP	--	243.98	--
B1 (JPHC)	1/21/2015	257.71	12.10	NP	--	245.61	--
B1 (JPHC)	12/16/2015	257.71	11.42	NP	--	246.29	--
B1 (JPHC)	3/11/2016	257.71	10.85	NP	--	246.86	--
B1 (JPHC)	6/1/2016	257.71	13.11	NP	--	244.60	--
B1 (JPHC)	8/29/2016	257.71	14.18	NP	--	243.53	--
B1 (JPHC)	11/21/2016	257.71	11.70	NP	--	246.01	--
B1 (JPHC)	2/15/2017	257.71	10.75	NP	--	246.96	--
B1 (JPHC)	4/7/2017	257.71	10.85	NP	--	246.86	--
B1 (JPHC)	5/26/2017	257.71	11.87	NP	--	245.84	--
B1 (JPHC)	9/28/2017	257.71	14.05	NP	--	243.66	--
B1 (JPHC)	10/17/2017	257.71	14.04	NP	--	243.67	--
B1 (JPHC)	2/8/2018	257.71	10.66	NP	--	247.05	--
B1 (JPHC)	9/11/2018	257.71	14.02	NP	--	243.69	--
B1 (JPHC)	11/15/2018	257.71	13.50	NP	--	244.21	--
B1 (JPHC)	1/29/2019	257.71	12.03	NP	--	245.68	--
B1 (JPHC)	8/27/2019	257.71	14.05	NP	--	243.66	--
B1 (JPHC)	9/26/2019	257.71	13.78	NP	--	243.93	--
B1 (JPHC)	3/9/2020	257.71	11.95	NP	--	245.76	--
B1 (JPHC)	9/28/2020	257.71	14.76	NP	--	242.95	--
B1 (JPHC)	3/23/2021	257.71	11.81	NP	--	245.90	--
B1 (JPHC)	9/28/2021	--	--	--	--	--	--
B1 (JPHC)	11/8/2021	257.71	12.44	NP	--	245.27	--
B1 (JPHC)	12/13/2021	257.71	11.41	NP	--	246.30	--
B1 (JPHC)	3/30/2022	257.71	11.88	NP	--	245.83	--
B1 (JPHC)	6/27/2022	257.71	12.51	NP	--	245.20	--
B1 (JPHC)	9/7/2022	257.71	14.15	NP	--	243.56	--
B1 (JPHC)	3/29/2023	257.71	12.01	NP	--	245.70	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
B1 (JPHC)	9/19/2023	257.71	14.59	NP	--	243.12	--
B1 (JPHC)	3/7/2024	257.71	11.23	NP	--	246.48	--
B1 (JPHC)	9/5/2024	257.71	13.64	NP	--	244.07	--
B3 (JPHC)	2/15/1995	--	13.37	NP	--	--	--
B3 (JPHC)	4/11/1995	--	13.52	NP	--	--	--
B3 (JPHC)	7/20/1995	--	15.15	NP	--	--	--
B3 (JPHC)	10/25/1995	--	14.93	NP	--	--	--
B3 (JPHC)	1/23/1996	--	12.58	NP	--	--	--
B3 (JPHC)	4/17/1996	--	13.68	NP	--	--	--
B3 (JPHC)	7/8/1996	258.41	9.21	NP	--	249.20	--
B3 (JPHC)	10/10/1996	258.41	15.50	NP	--	242.91	--
B3 (JPHC)	3/11/1997	258.41	9.41	NP	--	249.00	--
B3 (JPHC)	5/29/1997	258.41	9.22	NP	--	249.19	--
B3 (JPHC)	8/5/1997	258.41	19.57	NP	--	238.84	--
B3 (JPHC)	10/23/1997	258.41	--	--	--	--	Dry
B3 (JPHC)	3/11/1998	258.41	14.75	NP	--	243.66	--
B3 (JPHC)	6/30/1998	258.41	15.08	NP	--	243.33	--
B3 (JPHC)	9/25/1998	258.41	14.95	NP	--	243.46	--
B3 (JPHC)	12/29/1998	258.41	14.21	NP	--	244.20	--
B3 (JPHC)	3/9/1999	258.41	14.41	NP	--	244.00	--
B3 (JPHC)	6/2/1999	258.41	13.68	NP	--	244.73	--
B3 (JPHC)	12/20/1999	258.41	12.50	NP	--	245.91	--
B3 (JPHC)	3/16/2000	258.41	13.55	NP	--	244.86	--
B3 (JPHC)	6/30/2000	258.41	14.52	NP	--	243.89	--
B3 (JPHC)	9/27/2000	258.41	15.35	NP	--	243.06	--
B3 (JPHC)	11/10/2000	258.41	14.61	NP	--	243.80	--
B3 (JPHC)	3/19/2001	258.41	14.17	NP	--	244.24	--
B3 (JPHC)	6/27/2001	258.41	15.72	NP	--	242.69	--
B3 (JPHC)	9/26/2001	258.41	15.23	NP	--	243.18	WI
B3 (JPHC)	12/3/2001	258.41	13.15	NP	--	245.26	--
B3 (JPHC)	6/6/2002	258.41	14.33	NP	--	244.08	IW
B3 (JPHC)	6/26/2003	258.41	14.63	NP	--	243.78	--
B3 (JPHC)	12/9/2003	258.41	13.25	NP	--	245.16	--
B3 (JPHC)	4/7/2004	258.41	14.00	NP	--	244.41	--
B3 (JPHC)	11/16/2004	258.41	14.63	NP	--	243.78	--
B3 (JPHC)	3/29/2005	258.41	13.81	NP	--	244.60	--
B3 (JPHC)	6/22/2005	258.41	14.31	NP	--	244.10	--
B3 (JPHC)	9/12/2005	258.41	15.05	NP	--	243.36	--
B3 (JPHC)	12/6/2005	258.41	13.90	NP	--	244.51	--
B3 (JPHC)	6/5/2006	258.41	13.51	NP	--	244.90	--
B3 (JPHC)	12/19/2006	258.41	12.36	NP	--	246.05	--
B3 (JPHC)	9/24/2007	258.41	15.36	NP	--	243.05	--
B3 (JPHC)	12/31/2007	258.41	--	--	--	--	WI
B3 (JPHC)	1/29/2008	258.41	13.53	NP	--	244.88	--
B3 (JPHC)	4/3/2008	258.41	20.10	NP	--	238.31	IW
B3 (JPHC)	7/1/2008	258.41	17.84	NP	--	240.57	--
B3 (JPHC)	10/3/2008	258.41	18.76	NP	--	239.65	--
B3 (JPHC)	1/6/2009	258.41	18.92	NP	--	239.49	--
B3 (JPHC)	4/8/2009	258.41	19.00	NP	--	239.41	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
B3 (JPHC)	7/8/2009	258.41	15.25	NP	--	243.16	--
B3 (JPHC)	10/6/2009	258.41	15.81	NP	--	242.60	--
B3 (JPHC)	1/6/2010	258.41	13.43	NP	--	244.98	--
B3 (JPHC)	5/25/2010	258.41	14.12	NP	--	244.29	--
B3 (JPHC)	8/19/2010	258.41	15.12	NP	--	243.29	--
B3 (JPHC)	12/7/2010	258.41	13.95	NP	--	244.46	--
B3 (JPHC)	1/26/2011	258.41	12.64	NP	--	245.77	--
B3 (JPHC)	6/16/2011	258.41	13.84	NP	--	244.57	--
B3 (JPHC)	9/22/2011	258.41	16.75	NP	--	241.66	--
B3 (JPHC)	12/6/2011	258.41	18.04	NP	--	240.37	--
B3 (JPHC)	3/8/2012	258.41	14.34	NP	--	244.07	--
B3 (JPHC)	6/19/2012	258.41	12.14	NP	--	246.27	--
B3 (JPHC)	9/21/2012	258.41	15.33	NP	--	243.08	--
B3 (JPHC)	12/11/2012	258.41	12.70	NP	--	245.71	--
B3 (JPHC)	6/26/2013	258.41	14.32	NP	--	244.09	--
B3 (JPHC)	9/26/2013	258.41	15.06	NP	--	243.35	--
B3 (JPHC)	11/15/2013	258.41	14.39	NP	--	244.02	--
B3 (JPHC)	2/13/2014	258.41	14.00	NP	--	244.41	--
B3 (JPHC)	4/2/2014	258.41	12.31	NP	--	246.10	--
B3 (JPHC)	7/11/2014	258.41	14.54	NP	--	243.87	--
B3 (JPHC)	10/22/2014	258.41	14.77	NP	--	243.64	--
B3 (JPHC)	1/20/2015	258.41	13.25	NP	--	245.16	--
B3 (JPHC)	12/14/2015	258.41	12.68	NP	--	245.73	--
B3 (JPHC)	3/11/2016	258.41	11.97	NP	--	246.44	--
B3 (JPHC)	8/29/2016	258.41	15.33	NP	--	243.08	--
B3 (JPHC)	11/21/2016	258.41	12.23	NP	--	246.18	--
B3 (JPHC)	2/15/2017	258.41	11.77	NP	--	246.64	--
B3 (JPHC)	5/26/2017	258.41	12.67	NP	--	245.74	--
B3 (JPHC)	10/17/2017	258.41	15.19	NP	--	243.22	--
B3 (JPHC)	2/8/2018	258.41	11.88	NP	--	246.53	--
B3 (JPHC)	9/11/2018	258.41	15.18	NP	--	243.23	--
B3 (JPHC)	11/15/2018	258.41	--	--	--	--	WI
B3 (JPHC)	1/29/2019	258.41	--	--	--	--	WI
B3 (JPHC)	9/26/2019	258.41	14.84	NP	--	243.57	--
B3 (JPHC)	3/9/2020	258.41	13.00	NP	--	245.41	--
B3 (JPHC)	9/28/2020	258.41	--	--	--	--	WI
B3 (JPHC)	3/23/2021	258.41	12.84	NP	--	245.57	--
B3 (JPHC)	9/28/2021	--	--	--	--	--	--
B3 (JPHC)	3/29/2023	258.41	13.21	NP	--	245.20	--
B3 (JPHC)	9/19/2023	258.41	15.80	NP	--	242.61	--
B3 (JPHC)	3/7/2024	258.41	12.49	NP	--	245.92	--
B3 (JPHC)	9/5/2024	258.41	14.87	NP	--	243.54	--
IW-1	3/10/2017	--	11.45	10.61	0.84	--	--
IW-1	3/17/2017	--	9.90	9.88	0.02	--	--
IW-1	3/24/2017	--	10.06	NP	--	--	--
IW-1	3/30/2017	--	10.71	NP	--	--	--
IW-1	4/7/2017	--	10.21	NP	--	--	--
IW-1	4/14/2017	--	10.51	NP	--	--	--
IW-1	4/28/2017	--	11.15	NP	--	--	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	5/26/2017	--	11.38	11.37	0.01	--	--
IW-1	9/28/2017	--	13.63	NP	--	--	--
IW-1	10/5/2017	--	13.71	NP	--	--	--
IW-1	10/17/2017	--	13.68	NP	--	--	--
IW-1	11/6/2017	--	13.11	NP	--	--	--
IW-1	11/17/2017	--	12.58	NP	--	--	--
IW-1	12/7/2017	--	11.28	NP	--	--	--
IW-1	1/18/2018	--	10.58	10.57	0.01	--	--
IW-1	2/8/2018	--	--	--	--	--	WI
IW-1	9/11/2018	--	--	--	--	--	WI
IW-1	11/15/2018	--	13.06	NP	--	--	--
IW-1	1/29/2019	--	12.50	NP	--	--	--
IW-1	8/27/2019	--	13.63	13.62	0.01	--	--
IW-1	9/26/2019	--	13.47	NP	--	--	--
IW-1	3/9/2020	--	11.49	NP	--	--	--
IW-1	9/28/2020	--	13.40	NP	--	--	--
IW-1	3/23/2021	--	11.43	NP	--	--	--
IW-1	9/28/2021	--	14.12	NP	--	--	--
IW-1	6/27/2022	--	11.38	NP	--	--	--
IW-1	9/7/2022	--	13.47	NP	--	--	--
IW-1	3/29/2023	--	11.43	NP	--	--	--
IW-1	9/19/2023	--	14.09	NP	--	--	--
IW-1	12/28/2023	--	11.40	NP	--	--	--
IW-1	3/7/2024	--	10.64	NP	--	--	--
IW-1	9/5/2024	--	13.19	NP	--	--	--
IW-2	3/10/2017	--	11.30	NP	--	--	--
IW-2	3/17/2017	--	10.46	NP	--	--	--
IW-2	3/24/2017	--	10.69	NP	--	--	--
IW-2	3/30/2017	--	10.80	NP	--	--	--
IW-2	4/7/2017	--	10.79	NP	--	--	--
IW-2	4/14/2017	--	10.80	NP	--	--	--
IW-2	4/28/2017	--	11.32	NP	--	--	--
IW-2	5/26/2017	--	11.64	NP	--	--	--
IW-2	10/17/2017	--	14.05	NP	--	--	--
IW-2	2/8/2018	--	10.59	NP	--	--	--
IW-2	9/11/2018	--	--	--	--	--	WI
IW-2	11/15/2018	--	--	--	--	--	WI
IW-2	1/29/2019	--	11.70	NP	--	--	--
IW-2	9/26/2019	--	13.79	NP	--	--	--
IW-2	3/9/2020	--	11.91	NP	--	--	--
IW-2	9/28/2020	--	13.86	NP	--	--	--
IW-2	3/23/2021	--	11.92	NP	--	--	--
IW-2	9/28/2021	--	--	--	--	--	--
IW-2	9/7/2022	--	14.15	NP	--	--	--
IW-2	9/19/2023	--	14.57	NP	--	--	--
IW-2	3/7/2024	--	11.24	NP	--	--	--
IW-2	9/5/2024	--	13.63	NP	--	--	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-3	3/10/2017	--	10.55	NP	--	--	--
IW-3	3/17/2017	--	9.80	NP	--	--	--
IW-3	3/24/2017	--	9.92	NP	--	--	--
IW-3	3/30/2017	--	10.28	NP	--	--	--
IW-3	4/7/2017	--	10.07	NP	--	--	--
IW-3	4/14/2017	--	10.24	NP	--	--	--
IW-3	4/28/2017	--	10.75	NP	--	--	--
IW-3	5/26/2017	--	11.21	NP	--	--	--
IW-3	10/17/2017	--	13.52	NP	--	--	--
IW-3	2/8/2018	--	9.95	NP	--	--	--
IW-3	9/11/2018	--	13.45	NP	--	--	--
IW-3	11/15/2018	--	13.15	NP	--	--	--
IW-3	1/29/2019	--	11.61	NP	--	--	--
IW-3	8/27/2019	--	13.56	NP	--	--	--
IW-3	9/26/2019	--	13.32	NP	--	--	--
IW-3	3/9/2020	--	11.38	NP	--	--	--
IW-3	9/28/2020	--	13.32	NP	--	--	--
IW-3	3/23/2021	--	11.32	NP	--	--	--
IW-3	9/28/2021	--	13.76	NP	--	--	--
IW-3	9/7/2022	--	13.61	NP	--	--	--
IW-3	9/19/2023	--	14.01	NP	--	--	--
IW-3	3/7/2024	--	10.75	NP	--	--	--
IW-3	9/5/2024	--	13.06	NP	--	--	--
IW-4	3/10/2017	--	10.63	NP	--	--	--
IW-4	3/17/2017	--	9.68	NP	--	--	--
IW-4	3/24/2017	--	9.78	NP	--	--	--
IW-4	3/30/2017	--	10.14	NP	--	--	--
IW-4	4/7/2017	--	9.88	NP	--	--	--
IW-4	4/14/2017	--	10.05	NP	--	--	--
IW-4	4/28/2017	--	10.68	NP	--	--	--
IW-4	5/26/2017	--	11.24	NP	--	--	--
IW-4	10/17/2017	--	13.42	NP	--	--	--
IW-4	2/8/2018	--	9.80	NP	--	--	--
IW-4	9/11/2018	--	13.39	NP	--	--	--
IW-4	11/15/2018	--	12.90	NP	--	--	--
IW-4	1/29/2019	--	11.47	NP	--	--	--
IW-4	8/27/2019	--	13.47	NP	--	--	--
IW-4	9/26/2019	--	13.24	NP	--	--	--
IW-4	3/9/2020	--	11.28	NP	--	--	--
IW-4	9/28/2020	--	13.28	NP	--	--	--
IW-4	3/23/2021	--	11.25	NP	--	--	--
IW-4	9/28/2021	--	13.74	NP	--	--	--
IW-4	9/7/2022	--	13.42	NP	--	--	--
IW-4	9/19/2023	--	13.90	NP	--	--	--
IW-4	3/7/2024	--	10.56	NP	--	--	--
IW-4	9/5/2024	--	13.00	NP	--	--	--

Table 1
Groundwater Gauging Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers

Notes:
TOC = Top of Casing
ft = feet
NP = No Product
LNAPL = Light Non-Aqueous Phase Liquid
* = Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
-- = No Information Available
Dry = Dry Well
WI = Well Inaccessible
IW = Insufficient Water
NO = Natural Obstruction

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
Well ID	Date												
MW-1	10/5/1994	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	< 2.0
MW-1	2/15/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	< 2.0
MW-1	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	--	--	--	--
MW-1	6/27/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 750	--	--
MW-1	9/26/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	**10,100**	**29,100**	--	--
MW-1	12/3/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	--	--
MW-1	6/6/2002	< 0.500	0.602	< 0.500	< 1.00	< 2.00	< 0.01	< 1.00	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-1	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-1	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-1	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	2.49
MW-1	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 255	< 510	< 1.00	1.26
MW-1	6/5/2006	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 253	< 505	< 1.00	1.76
MW-1	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-1	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 243	< 485	--	--
MW-1	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	--	--	--	--
MW-1	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-1	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-1	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-1	4/7/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-1	12/11/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 100	< 182	< 182	< 3.0	< 3.0
MW-2	10/5/1994	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	59	--	--	--	< 2.0
MW-2	2/15/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	< 2.0
MW-2	4/11/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-2	7/20/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-2	10/25/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-2	1/23/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-2	4/17/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-2	7/8/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-2	10/23/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	54.7	< 250	< 750	--	--
MW-2	3/11/1998	0.834	< 0.5	< 0.5	< 1.0	--	--	--	< 80	< 250	< 750	--	--
MW-2	6/30/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-2	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	--	--	--	--
MW-2	6/30/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-2	9/27/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-2	12/3/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	--	--
MW-2	6/6/2002	< 0.500	< 0.500	< 0.500	< 1.00	< 2.00	< 0.01	< 1.00	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-2	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-2	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-2	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-2	6/22/2005	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-2	9/12/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 281	< 562	< 1.00	< 1.00

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-2	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 248	< 495	< 1.00	< 1.00
MW-2	6/5/2006	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	< 1.00	< 1.00
MW-2	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 243	< 485	--	--
MW-2	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-2	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 243	< 485	--	--
MW-2	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	--	--	--	--
MW-2	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 240	< 481	--	--
MW-2	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-2	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-2	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-2	6/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 250	< 500	< 10	< 10
MW-2	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-2	11/14/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-2	2/12/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	48	61	< 2.0	< 2.0
MW-2	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	< 10	< 19	48 JB	< 0.17	< 0.17
MW-2	7/10/2014	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 10	< 9.5	< 14	3.5	< 0.17
MW-2	10/21/2014	< 1.0	< 1.0	< 1.0	0.17 JB	< 1.0	--	--	< 50	35	< 250	< 2.0	0.55 JB
MW-2	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 27	29	180 JB^	< 0.17	< 0.17
MW-2	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0 *	--	--	< 50	37 JB	< 250	< 2.0	0.24 J
MW-2	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	430	490	< 2.0	< 2.0
MW-2	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	< 110	< 250	< 2.0	< 2.0
MW-2	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 100	< 250	< 4.0	< 4.0
MW-2	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 120	< 400	< 4.0	< 4.0
MW-2	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-2	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-2	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-2	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-2	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 360	< 4.0	< 4.0
MW-2	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 340	< 4.0	< 4.0
MW-2	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-3	10/5/1994	**12**	3.0	< 0.5	1.5	--	**3.0**	< 0.51	< 50	--	--	--	< 2.0
MW-3	2/15/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	< 2.0
MW-3	7/20/1995	0.78	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-3	4/17/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-3	7/8/1996	0.879	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-3	3/11/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-3	5/29/1997	2.10	< 0.5	< 0.5	< 1.0	--	--	--	223	--	--	--	--
MW-3	8/5/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	56.5	--	--	--	--
MW-3	6/30/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-3	6/30/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-3	9/27/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-3	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-3	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-3	4/7/2004	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-3	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	1.52
MW-3	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-3	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 258	< 515	< 1.00	< 1.00
MW-3	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-3	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-3	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	--	--	--	--
MW-3	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	--
MW-3	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-3	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-3	4/7/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 240	< 481	< 1.00	< 1.00
MW-4	1/23/1996	**5,000**	**5,100**	**2,000**	**15,000**	--	--	--	**3,300,000**	**9,000**	**14,000**	--	--
MW-4	3/9/1999	4.76	< 0.5	< 0.5	1.73	--	--	--	53.3	< 250	< 750	--	--
MW-4	9/27/1999	4.04	< 0.500	< 0.500	< 10.0	--	--	--	**2,100**	**590**	--	--	--
MW-4	12/20/1999	**690**	< 2.50	4.77	33.7	--	--	--	385	< 498	--	--	--
MW-4	3/16/2000	**52.8**	1.22	3.25	25.3	--	--	--	685	--	--	--	--
MW-4	6/30/2000	**152**	5.70	3.54	31.1	--	--	--	**983**	**3,340**	< 750	--	--
MW-4	9/27/2000	**147**	3.51	19.4	64.7	--	--	--	**1,430**	**1,800**	< 750	--	--
MW-4	3/19/2001	**338**	< 5.00	14.0	31.9	**319**	--	--	**1,040**	**739**	< 1450	--	--
MW-4	6/27/2001	**37.8**	0.821	1.69	13.0	18.6	--	--	630	< 250	< 750	--	--
MW-4	9/26/2001	**1,850**	491	**3,480**	**30,100**	**149**	--	--	**611,000**	**11,300**	**11,500**	--	--
MW-4	12/3/2001	**325**	< 5.00	< 5.00	32.5	**34.7**	--	--	**1,980**	**2,120**	**3,880**	--	--
MW-4	6/6/2002	**199**	< 2.50	6.30	48.6	**33.2**	< 0.01	< 1.00	**2,940**	**1,620**	**2,160**	2.43	6.96
MW-4	6/26/2003	**1,350**	< 5.00	45.1	52.1	< 20.0	--	--	**4,410**	**6,630**	**3,070**	1.87	4.04
MW-4	12/9/2003	**918**	2.52	64.0	47.6	**38.2**	--	--	**3,200**	**1,240**	**2,450**	< 1.00	< 1.00
MW-4	4/7/2004	**1,230**	< 5.00	10.1	25.2	< 10.0	--	--	**3,470**	**711**	**1,230**	1.58	2.45
MW-4	11/16/2004	**990**	< 5.00	96.9	154	**20.9**	--	--	**76,200**	**24,300**	**8,350**	< 1.00	11.5
MW-4	3/29/2005	**5,920**	79.0	**1,140**	**6,630**	< 100	< 0.010	< 25.0	**28,900**	**16,700**	**25,800**	--	**204**
MW-4	6/22/2005	**1,070**	< 5.00	22.5	44.7	< 20.0	--	--	**2,730**	**4,600**	**6,130**	< 1.00	10
MW-4	9/12/2005	**980**	10.3	143	55.1	16.2	--	--	**5,450**	**1,070**	**1,590**	< 1.00	2.62
MW-4	12/6/2005	**737**	5.0	127	58.0	< 10.0	--	--	**4,320**	**1,030**	**1,720**	< 1.00	2.42
MW-4	6/5/2006	**851**	< 10.0	146	168	< 20.0	--	--	**3,720**	430	**641**	< 1.00	3.04
MW-4	9/29/2006	< 0.500	< 0.500	0.81	< 3.00	--	--	--	174	--	--	--	--
MW-4	12/19/2006	**33.8**	< 0.500	2.35	2.03	--	--	--	566	--	--	--	--
MW-4	9/24/2007	**99.5**	1.62	67.3	82.2	< 1.00	--	--	**1,360**	**1,610**	**3,710**	--	--
MW-4	12/31/2007	**111**	2.9	53.6	63.5	< 1.00	--	--	**1,620**	< 236	< 472	--	--
MW-4	1/30/2008	**134**	11.6	13.2	63.2	< 1.00	--	--	**1,640**	< 236	< 472	--	--
MW-4	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	--	--	--	--
MW-4	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	--
MW-4	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-4	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	**644**	--	--

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-4	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 245	< 490	< 1.00	< 1.00
MW-4	7/8/2009	0.900	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 248	< 495	2.96	3.95
MW-4	10/6/2009	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	69	< 245	< 490	2.9	3.6
MW-4	1/5/2010	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	< 50.0	< 120	250	< 2.00	3.8
MW-4	5/25/2010	< 0.50	< 0.50	< 0.50	< 1.00	< 1.00	--	--	< 50.0	210	< 240	< 2.00	< 2.00
MW-4	8/19/2010	< 0.50	< 0.50	< 0.50	< 1.00	< 1.00	--	--	< 50.0	140	< 240	< 2.00	< 2.00
MW-4	12/7/2010	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	420	**920**	< 2.0	2.6
MW-4	1/26/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	260	330	< 2.0	3.0
MW-4	6/16/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	**1,200**	**2,200**	< 2.0	< 2.0
MW-4	9/22/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	< 96.2	< 481	< 2.0	< 2.0
MW-4	12/6/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 75.5	< 377	< 10.0	< 10.0
MW-4	3/8/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 82.5	< 412	< 10.0	< 10.0
MW-4	6/19/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 160	< 800	< 10.0	< 10.0
MW-4	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 80.8	< 404	< 10.0	< 10.0
MW-4	12/11/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 100	< 189	304	< 3.0	< 3.0
MW-4	6/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	25	71	< 10	< 10
MW-4	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 270	< 270	< 10.0	< 10.0
MW-4	11/14/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-4	2/12/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	**590 BY**	390 BY	< 2.0	0.30
MW-4	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	< 10	**900**	**780**	< 0.17	0.51
MW-4	7/10/2014	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	14 JB	300	200	< 0.17	< 0.17
MW-4	10/22/2014	< 1.0	< 1.0	< 1.0	0.16 JB	0.25	--	--	11 JB	350	210	< 2.0	0.55 JB
MW-4	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 27	**580**	**510**	< 0.17	< 0.17
MW-4	12/16/2015	< 0.42	< 0.44	< 0.51	< 0.50	0.20	--	--	35	280	260	--	--
MW-4	3/11/2016	< 0.025	< 0.025	< 0.030	< 0.060	0.11	--	--	< 27	440	**610**	--	--
MW-4	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	0.25 JH	--	--	< 50	320 B	240 JB	< 2.0	0.26 J
MW-4	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	160	< 250	< 2.0	< 2.0
MW-4	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	420	460	< 2.0	< 2.0
MW-4	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	410	**600**	< 4.0	< 4.0
MW-4	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**740**	470	< 4.0	< 4.0
MW-4	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**510**	**790**	< 4.0	< 4.0
MW-4	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	480	**510**	< 4.0	< 4.0
MW-4	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**1,000**	**1,100**	< 4.0	< 4.0
MW-4	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**620**	**1,000**	< 4.0	< 4.0
MW-4	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**850**	**650**	< 4.0	< 4.0
MW-4	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	350	**540**	< 4.0	< 4.0
MW-4	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	480	**670**	< 4.0	< 4.0
MW-4	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	180	470	< 2.0	< 2.0
MW-4	9/28/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**540**	**870 *+**	< 2.0	< 2.0
MW-4	11/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**550**	**650**	< 2.0	< 2.0
MW-4	12/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	340	**730**	< 0.40	< 2.0
MW-4	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	130	360	< 2.0	< 2.0
MW-4	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	220	< 260	< 0.50	< 0.50

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-4	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	410	< 260	< 2.0	< 2.0
MW-4	3/30/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.0099 *+	< 1.0	< 50	420	**620**	< 2.0	< 2.0
MW-4	9/20/2023	--	--	--	--	--	< 0.010	< 1.0	--	**760**	**610**	--	--
MW-4	3/7/2024	--	--	--	--	--	--	--	--	350	**610**	--	--
MW-4	9/5/2024	--	--	--	--	--	--	--	--	440	**570**	--	--
MW-5	10/5/1994	**57**	2.6	0.94	2.2	--	--	--	< 50	--	--	--	2.4
MW-5	2/15/1995	**160**	0.96	< 0.5	< 1.0	--	--	--	63	440	**3,300**	--	< 2.0
MW-5	4/10/1995	**270**	< 2.0	< 2.0	< 4.0	--	--	--	< 100	--	--	--	--
MW-5	7/20/1995	**330**	1.1	1.1	< 1.0	--	--	--	80	**720**	**870**	--	--
MW-5	10/26/1995	**440**	< 0.5	< 0.5	< 1.0	--	--	--	61	**1,100**	**2,400**	--	--
MW-5	1/23/1996	**770**	< 4.0	< 4.0	8.4	--	--	--	< 200	**3,200**	**10,000**	--	--
MW-5	4/17/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	490	< 750	--	--
MW-5	7/8/1996	< 0.5	< 0.5	< 0.5	2.64	--	--	--	544	**683**	**791**	--	--
MW-5	3/11/1997	3.22	10.9	1.65	13.0	--	--	--	76.4	**4,241**	< 750	--	--
MW-5	10/23/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	447	< 750	--	--
MW-5	3/11/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 80	< 250	< 750	--	--
MW-5	9/25/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-5	12/29/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-5	3/9/1999	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-5	6/2/1999	< 0.500	3.17	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-5	9/27/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	--	--	--
MW-5	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	--	--	--
MW-5	6/30/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-5	9/27/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-5	6/27/2001	< 2.50	< 2.50	< 2.50	< 5.00	**90.1**	--	--	< 250	< 322	< 965	--	--
MW-5	9/26/2001	< 0.500	< 0.500	< 0.500	< 1.00	19.7	--	--	< 50.0	< 250	< 750	--	--
MW-5	12/3/2001	< 0.500	< 0.500	< 0.500	< 1.00	**27.2**	--	--	< 50.0	< 250	< 500	--	--
MW-5	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	**22.1**	--	--	< 50.0	< 250	< 500	< 1.00	1.63
MW-5	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	**21.0**	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-5	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	**26.9**	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-5	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	9.4	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-5	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	4.37	--	--	< 50.0	< 263	< 526	< 1.00	2.1
MW-5	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	1.54	--	--	< 50.0	< 236	< 472	--	--
MW-5	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	1.35	--	--	< 50.0	< 236	< 472	--	--
MW-5	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	1.27	--	--	< 50.0	< 236	< 472	--	--
MW-5	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	1.95	--	--	< 50.0	--	--	--	--
MW-5	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	2.02	--	--	< 50.0	< 236	< 472	--	--
MW-5	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	1.81	--	--	< 50.0	< 236	< 472	--	--
MW-5	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	1.43	--	--	< 50.0	< 250	< 500	--	--
MW-5	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	2.07	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-5	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 80.0	< 400	< 10.0	< 10.0
MW-5	6/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 250	30	< 10	< 10

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-5	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 270	< 270	< 10.0	< 10.0
MW-5	11/14/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-5	2/12/2014	< 1.0	< 1.0	< 1.0	< 3.0	0.46	--	--	< 50	78	80 JB	< 2.0	< 2.0
MW-5	4/1/2014	< 1.1	< 0.89	< 0.89	< 0.82	0.78	--	--	< 10	110 JB	160 JB	< 0.17	< 0.17
MW-5	7/10/2014	< 0.14	< 0.16	< 0.13	< 0.12	0.38	--	--	< 10	150	180 J	< 0.17	< 0.17
MW-5	10/21/2014	< 1.0	< 1.0	< 1.0	< 3.0	0.39	--	--	< 50	100	< 250	< 2.0	0.44 JB
MW-5	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	0.43	--	--	< 27	220	230	< 0.17	< 0.17
MW-5	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	0.31 JH	--	--	< 50	62 JB	35 JB	< 2.0	< 2.0
MW-5	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	120	< 250	< 2.0	< 2.0
MW-5	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	120	< 250	< 2.0	< 2.0
MW-5	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	210	350	< 4.0	< 4.0
MW-5	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	150	< 250	< 4.0	< 4.0
MW-5	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	150	< 390	< 4.0	< 4.0
MW-6	10/5/1994	**160**	260	45	180	--	--	--	**1,400**	--	--	--	< 2.0
MW-6	2/15/1995	**13**	32	5.7	30	--	--	--	220	--	< 1000	--	< 2.0
MW-6	7/20/1995	**130**	410	70	390	--	--	--	**2,300**	< 250	--	--	--
MW-6	4/17/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
MW-6	7/8/1996	< 0.5	0.528	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-6	3/11/1998	1.4	5.35	1.24	19.4	--	--	--	192	< 250	< 750	--	--
MW-6	3/16/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-6	11/10/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 80.0	< 250	< 750	--	--
MW-6	3/19/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 750	--	--
MW-6	12/3/2001	2.15	0.875	10.4	36.1	< 5.00	--	--	394	< 250	< 500	--	--
MW-6	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-6	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-6	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-6	9/12/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 294	< 588	< 1.00	< 1.00
MW-6	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 245	< 490	< 1.00	< 1.00
MW-6	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 263	< 526	< 1.00	< 1.00
MW-6	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-6	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 243	< 485	--	--
MW-6	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	--
MW-6	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 240	< 481	--	--
MW-6	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-6	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-6	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-6	3/24/2021	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	< 250	< 110	< 370	< 2.0	< 2.0
MW-7	10/5/1994	**4,600**	470	81	810	--	--	--	**5,500**	--	--	--	< 2.0
MW-7	2/15/1995	**5,500**	240	80	160	--	--	--	**4,300**	--	**12,000**	--	< 2.0
MW-7	4/10/1995	**3,600**	140	53	470	--	--	--	**2,800**	--	**7,800**	--	--
MW-7	7/20/1995	**3,300**	260	36	350	--	--	--	**2,400**	**1,200**	--	--	--

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-7	10/26/1995	**590**	12	< 0.5	< 1.0	--	--	--	170	**930**	**2,100**	--	--
MW-7	1/23/1996	2.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	**1,100**	**2,100**	--	--
MW-7	4/17/1996	**2,500**	57	45	270	--	--	--	**1,500**	**580**	< 750	--	--
MW-7	7/8/1996	**1,220**	25.6	< 0.5	162	--	--	--	**1,100**	**879**	< 750	--	--
MW-7	10/10/1996	**1,100**	21.3	21.5	72.8	--	--	--	< 1000	**636**	< 750	--	--
MW-7	3/11/1997	**708**	20.8	8.18	22.0	--	--	--	373	**8,571**	< 750	--	--
MW-7	5/29/1997	**580**	< 5.0	6.72	14.3	--	--	--	< 500	--	--	--	--
MW-7	8/5/1997	**462**	3.11	5.81	13.9	--	--	--	265	**713**	< 750	--	--
MW-7	10/23/1997	**23.7**	< 0.5	0.689	1.62	--	--	--	89.4	**565**	< 750	--	--
MW-7	3/11/1998	**19.2**	< 0.5	< 0.5	< 1.0	--	--	--	< 80	< 250	< 750	--	--
MW-7	9/25/1998	**25.7**	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
MW-7	12/29/1998	**116**	< 2.5	< 2.5	< 5.0	--	--	--	< 250	< 250	< 750	--	--
MW-7	3/9/1999	**73.5**	0.502	0.559	1.52	--	--	--	68.3	< 250	< 750	--	--
MW-7	6/2/1999	**41.1**	5.95	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-7	9/27/1999	0.544	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	--	--	--
MW-7	12/20/1999	**161**	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	--	--	--
MW-7	6/30/2000	1.20	< 0.780	< 0.500	< 1.00	--	--	--	< 50.0	420	< 750	--	--
MW-7	9/27/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	323	< 750	--	--
MW-7	11/10/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 80.0	< 250	< 750	--	--
MW-7	3/19/2001	< 0.500	0.821	< 0.500	< 1.00	**55.9**	--	--	< 50.0	< 250	< 750	--	--
MW-7	6/27/2001	< 0.500	< 0.500	< 0.500	< 1.00	**35.2**	--	--	< 50.0	< 250	< 750	--	--
MW-7	9/26/2001	< 0.500	< 0.500	< 0.500	< 1.00	**57.8**	--	--	< 50.0	253	< 750	--	--
MW-7	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	**35.6**	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-7	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	**20.6**	--	--	84.3	< 250	< 500	< 1.00	< 1.00
MW-7	12/6/2005	**644**	**8,200**	**942**	**5,250**	< 200	--	--	**33,000**	< 243	< 485	< 1.00	< 1.00
MW-7	6/5/2006	**26.8**	10.0	373	520	< 20.0	--	--	**4,590**	< 278	< 556	< 1.00	< 1.00
MW-7	9/29/2006	< 0.500	0.85	27.3	86.3	--	--	--	**1,760**	--	--	--	--
MW-7	12/19/2006	< 0.500	< 0.500	1.26	8.9	--	--	--	189	--	--	--	--
MW-7	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	3.1	--	--	< 50.0	< 236	< 472	--	--
MW-7	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	2.73	--	--	< 50.0	< 236	< 472	--	--
MW-7	4/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	5.63	--	--	< 50.0	< 243	< 485	--	--
MW-7	7/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	3.96	--	--	< 50.0	< 236	< 472	--	--
MW-7	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	2.23	--	--	< 50.0	< 236	< 472	--	--
MW-7	1/5/2009	< 0.500	< 0.500	< 0.500	< 3.00	2.63	--	--	< 50.0	< 248	< 495	--	--
MW-7	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	5.4	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-8	10/5/1994	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	< 2.0
MW-8	2/15/1995	--	--	--	--	--	--	--	--	< 250	--	--	--
MW-8	7/20/1995	--	--	--	--	--	--	--	--	410	< 750	--	--
MW-8	3/11/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 80	< 250	< 750	--	--
MW-8	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	--	--	--	--
MW-8	6/6/2002	< 0.500	< 0.500	< 0.500	< 1.00	< 2.00	< 0.01	< 1.00	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-8	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-8	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	1.42	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-8	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-8	9/12/2005	< 0.500	0.653	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 281	< 562	< 1.00	< 1.00
MW-8	12/6/2005	< 0.500	1.07	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-8	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 243	< 485	< 1.00	< 1.00
MW-8	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	--
MW-8	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-8	1/30/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 250	< 500	--	--
MW-8	4/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	--
MW-8	7/1/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-8	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-8	1/6/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-8	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 245	< 490	< 1.00	< 1.00
MW-8	6/26/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 250	< 500	< 10	< 10
MW-8	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 270	< 270	< 10.0	< 10.0
MW-8	11/15/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-8	2/13/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	62	65	< 2.0	< 2.0
MW-8	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	0.78	--	--	< 10	66 JB	88 JB	< 0.17	< 0.17
MW-8	7/10/2014	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 10	95 JB	81	< 0.17	< 0.17
MW-8	10/21/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	55 J	< 250	< 2.0	0.44 JB
MW-8	1/19/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 27	98	< 29 H1	< 0.17	< 0.17
MW-8	3/10/2016	--	--	--	--	--	--	--	--	--	--	< 0.17	1.7 J
MW-8	6/1/2016	--	--	--	--	--	--	--	--	--	--	< 0.17	2.9
MW-8	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0 *	--	--	< 50	93 JB	59 JB	< 2.0	0.26 J
MW-8	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	< 110	< 250	< 2.0	< 2.0
MW-8	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	130	< 260	< 2.0	5.5
MW-8	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	< 100	< 250	< 4.0	< 4.0
MW-8	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 100	< 250	< 4.0	< 4.0
MW-8	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 130	< 410	< 4.0	< 4.0
MW-8	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	130	< 350	< 4.0	< 4.0
MW-8	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	130	< 350	< 4.0	< 4.0
MW-8	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	130	< 350	< 4.0	< 4.0
MW-8	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	130	< 350	< 4.0	< 4.0
MW-8	3/9/2020	< 3.0 F2F1	< 2.0 F2F1	< 3.0 F2F1	< 3.0 F2F1	< 2.0 F2F1	--	--	< 250	110	< 360	< 4.0	< 4.0
MW-8	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	110	< 340	< 4.0	4.1
MW-8	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-8	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	< 110	< 360	< 2.0	< 2.0
MW-8	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 100	< 260	< 2.0	< 2.0
MW-9	10/5/1994	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	4.6
MW-9	7/20/1995	--	--	--	--	--	--	--	--	280	--	--	--
MW-9	7/8/1996	--	--	--	--	--	--	--	--	< 250	< 750	--	--
MW-9	6/30/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	--	--	--

Table 2
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CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-9	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	--	--	--	--
MW-9	6/27/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 5.00	--	--	< 50.0	< 250	< 750	--	--
MW-9	9/26/2001	< 0.500	< 0.500	< 0.500	< 1.00	< 5.00	--	--	< 50.0	< 250	< 750	--	--
MW-9	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 5.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-9	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	2.12	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-9	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-9	9/12/2005	< 0.500	5.91	< 0.500	< 1.00	< 2.00	--	--	156	< 312	< 625	< 1.00	< 1.00
MW-9	12/6/2005	< 0.500	0.85	< 0.500	< 1.00	1.07	--	--	< 50.0	< 248	< 495	< 1.00	< 1.00
MW-9	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-9	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 243	< 485	--	--
MW-9	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-9	4/2/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 240	< 481	--	--
MW-9	7/1/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-9	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 236	< 472	--	--
MW-9	1/6/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 248	< 495	--	--
MW-9	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 248	< 495	< 1.00	< 1.00
MW-9	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 78.4	< 392	< 10.0	< 10.0
MW-9	6/26/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 250	< 500	< 10	< 10
MW-9	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 270	< 270	< 10.0	< 10.0
MW-9	11/14/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-9	2/14/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	74	82	< 2.0	< 2.0
MW-9	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	< 10	46 JB	58 JB	< 0.17	< 0.17
MW-9	7/10/2014	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 10	75 JB	62	0.35	< 0.17
MW-9	10/21/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50	66 J	< 240	< 2.0	0.26 JB
MW-9	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	< 27	89	< 30 H1	< 0.17	< 0.17
MW-9	12/14/2015	< 0.42	< 0 *	< 0.51	< 0.50	< 0.17	--	--	< 27	55 JB	< 29	--	--
MW-9	3/10/2016	< 0.025	< 0.025	< 0.030	< 0.060	< 0.025	--	--	< 27	47 J	120 J	< 0.17	< 0.17
MW-9	6/1/2016	--	--	--	--	--	--	--	--	--	--	< 0.17	< 0.17
MW-9	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0 *	--	--	< 50	53 JB	34 JB	< 2.0	< 2.0
MW-9	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	< 110	< 250	< 2.0	< 2.0
MW-9	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	< 110	< 250	< 2.0	< 2.0
MW-9	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	< 100	< 260	< 4.0	< 4.0
MW-9	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 100	< 250	< 4.0	< 4.0
MW-9	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 130	< 410	< 4.0	< 4.0
MW-9	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-9	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	140	< 350	< 4.0	< 4.0
MW-9	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	110	< 350	< 4.0	< 4.0
MW-9	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-9	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 360	< 4.0	< 4.0
MW-9	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 340	< 4.0	< 4.0
MW-9	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 120	< 370	< 2.0	< 2.0

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-10	10/5/1994	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	8.7
MW-10	7/20/1995	--	--	--	--	--	--	--	--	320	--	--	--
MW-10	7/8/1996	--	--	--	--	--	--	--	--	382	< 750	--	--
MW-10	6/30/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	--	--	--
MW-10	3/16/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
MW-10	6/26/2003	< 0.500	< 0.500	< 0.500	< 1.00	**23.4**	--	--	< 50.0	< 250	< 500	< 1.00	1.06
MW-10	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
MW-10	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	16.8	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-10	3/29/2005	< 0.200	< 0.500	< 0.500	< 1.00	13.8	< 0.010	< 0.500	< 80.0	< 250	< 500	--	1.72
MW-10	6/22/2005	0.240	< 0.500	< 0.500	< 1.00	17.0	--	--	< 80.0	< 250	< 500	< 1.00	< 1.00
MW-10	9/12/2005	< 0.500	3.28	< 0.500	< 1.00	19.7	--	--	63.8	< 333	< 667	< 1.00	< 1.00
MW-10	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	13.4	--	--	< 50.0	< 291	< 581	< 1.00	< 1.00
MW-10	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	2.49	--	--	< 50.0	< 248	< 495	< 1.00	< 1.00
MW-10	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	13.9	--	--	< 50.0	< 238	< 476	--	--
MW-10	12/31/2007	< 0.500	< 0.500	< 0.500	< 3.00	1.55	--	--	< 50.0	< 236	< 472	--	--
MW-10	4/2/2008	< 0.500	1.54	0.61	3.71	**21.4**	--	--	< 50.0	< 236	< 472	--	--
MW-10	7/1/2008	< 0.500	< 0.500	< 0.500	< 3.00	**91.5**	--	--	< 50.0	< 238	< 476	--	--
MW-10	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	**110**	--	--	< 50.0	< 236	< 472	--	--
MW-10	1/6/2009	< 0.500	< 0.500	< 0.500	< 3.00	**35.5**	--	--	< 50.0	< 243	< 485	--	--
MW-10	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	4.59	--	--	< 50.0	< 245	< 490	< 1.00	< 1.00
MW-10	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	1.2	--	--	< 50.0	< 78.4	< 392	< 10.0	< 10.0
MW-10	6/26/2013	< 0.50	0.55	< 0.50	< 1.0	0.78	--	--	< 50	< 250	< 500	< 10	< 10
MW-10	9/25/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 270	< 270	< 10.0	< 10.0
MW-10	11/14/2013	< 0.50	< 0.50	< 0.50	< 1.0	0.86	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-10	2/13/2014	< 1.0	< 1.0	< 1.0	< 3.0	0.51 J	--	--	< 50	42	49	< 2.0	< 2.0
MW-10	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	< 10	55 JB	64 JB	< 0.17	< 0.17
MW-10	7/11/2014	< 0.14	< 0.16	< 0.13	< 0.12	0.21 J	--	--	< 10	64 JB	31 J	< 0.17	< 0.17
MW-10	10/21/2014	< 1.0	< 1.0	< 1.0	< 3.0	0.61 J	--	--	< 50	89 J	< 240	< 2.0	0.26 JB
MW-10	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	0.28 J	--	--	< 27	58 JH1B^	< 28 H1	< 0.17	< 0.17
MW-10	3/11/2016	--	--	--	--	--	--	--	--	--	--	< 0.17	< 0.17
MW-10	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	0.22 JH	--	--	< 50	48 JB	29 JB	< 2.0	< 2.0
MW-10	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	**2,000**	< 250	< 2.0	< 2.0
MW-10	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	< 110	< 250	< 2.0	< 2.0
MW-10	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	< 100	< 250	< 4.0	< 4.0
MW-10	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 100	< 260	< 4.0	< 4.0
MW-10	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 120	< 390	< 4.0	< 4.0
MW-10	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-10	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	130	< 350	< 4.0	< 4.0
MW-10	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-10	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-10	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 370	< 4.0	< 4.0
MW-10	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 340	< 4.0	< 4.0 F2
MW-10	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 350	< 2.0	< 2.0

Table 2
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CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-10	11/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	110	< 360	< 2.0	< 2.0
MW-10	12/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-10	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	< 110	< 350	< 2.0	< 2.0
MW-10	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 100	< 250	< 0.50	< 0.50
MW-10	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 110	< 270	< 2.0	< 2.0
MW-11	3/16/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	**15,000**	**24,900**	--	--
MW-11	6/27/2001	**386**	32.4	30.4	777	**29.6**	--	--	**11,500**	**700**	< 750	--	--
MW-11	9/26/2001	**122**	13.0	18.4	692	< 20.0	--	--	**23,600**	**5,890**	**5,510**	--	--
MW-11	12/3/2001	**177**	9.17	19.7	320	**25.8**	--	--	**6,220**	**2,510**	**4,850**	--	--
MW-11	6/6/2002	**192**	4.66	30.8	456	< 2.00	< 0.01	< 1.00	**5,710**	**5,170**	**6,790**	4.95	**16.0**
MW-11	6/26/2003	**301**	5.01	120	568	< 20.0	--	--	**9,170**	**72,800**	**107,000**	3.09	8.71
MW-11	12/9/2003	**99.2**	3.00	48.9	314	14.8	--	--	**4,650**	**1,610**	**2,910**	1.14	2.94
MW-11	11/16/2004	**155**	2.95	66.4	610	< 10.0	--	--	**29,000**	**72,200**	**28,500**	2.06	**32.1**
MW-11	3/29/2005	**138**	< 2.50	90.6	145	< 10.0	< 0.010	< 2.50	**6,310**	**42,200**	**22,600**	--	12.3
MW-11	6/22/2005	**112**	1.97	105	259	5.42	--	--	**6,810**	**20,100**	**10,800**	1.56	10.6
MW-11	9/12/2005	**217**	< 12.5	224	992	3.48	--	--	**22,000**	**81,100**	**169,000**	**21.8**	**43**
MW-11	12/6/2005	**148**	< 2.50	130	504	< 5.00	--	--	**13,000**	**85,600**	**178,000**	3.1	**33.1**
MW-11	6/5/2006	**245**	< 5.00	149	529	< 10.0	--	--	**10,200**	**58,000**	**111,000**	**32.9**	**132**
MW-11	9/29/2006	4.44	0.57	2.84	47.5	--	--	--	**4,840**	--	--	--	--
MW-11	12/19/2006	**5.0**	< 0.500	2.3	11.8	--	--	--	**1,630**	--	--	--	--
MW-11	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	**1,310**	**2,950**	**5,910**	--	--
MW-11	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	< 1.00	--	--	69.5	349	**833**	1.48	5.67
MW-11	7/8/2009	0.370	< 0.500	< 0.500	< 1.00	< 2.00	--	--	175	**714**	**1,370**	1.07	3.90
MW-11	10/6/2009	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	410	< 243	< 485	< 2.00	2.6
MW-11	1/5/2010	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	290	140	270	< 2.00	< 2.00
MW-11	5/25/2010	< 0.50	< 0.50	< 0.50	< 1.00	< 1.00	--	--	97	150	< 240	< 2.00	2.1
MW-11	8/19/2010	< 0.50	< 0.50	< 0.50	1.00	< 1.00	--	--	180	210	< 240	< 2.00	3.2
MW-11	12/7/2010	< 0.50	< 0.50	< 0.50	1.1	< 1.0	--	--	190	170	280	< 2.0	2.3
MW-11	1/26/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	81	210	< 240	< 2.0	< 2.0
MW-11	6/16/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	77	**870**	**1,300**	< 2.0	< 2.0
MW-11	9/22/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	51	**1,310**	**3,220**	< 2.0	2.7
MW-11	12/6/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	292	**726**	< 10.0	< 10.0
MW-11	3/8/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	179	< 396	< 10.0	< 10.0
MW-11	6/19/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 160	< 800	< 10.0	< 10.0
MW-11	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	111	268	**777**	< 10.0	< 10.0
MW-11	12/11/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 100	< 182	204	< 3.0	< 3.0
MW-11	6/27/2013	< 0.50	0.5	< 0.50	< 1.00	< 0.50	--	--	< 50	88	290	< 10	< 10
MW-11	9/26/2013	< 0.50	2.0	< 0.50	< 1.0	< 0.50	--	--	63	< 270	< 270	< 10.0	< 10.0
MW-11	11/15/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
MW-11	2/13/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	150	**1,500 BY**	**2,700 BY**	< 2.0	1.1 J
MW-11	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	25 J	**850 BY**	**1,700 BY**	< 0.17	0.77 J
MW-11	7/11/2014	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	34 JB	360 BY	470 Y	< 0.17	0.81 J

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10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-11	10/22/2014	0.29 J	< 1.0	< 1.0	0.26 JB	< 1.0	--	--	58 B	430 Y	190 J	< 2.0	0.87 JB
MW-11	1/21/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	33 J	230 H1BY^	180 J^H1	< 0.17	0.32 J
MW-11	12/14/2015	< 0.42	< 0 *	< 0.51	< 0.50	< 0.17	--	--	48 J	170 B	95 J	--	--
MW-11	3/10/2016	0.035 J	< 0.025	< 0.030	< 0.060	< 0.025	--	--	41 J	420	**700**	--	--
MW-11	6/1/2016	< 0.42	< 0.18	< 0.21	< 0.49	< 0.11	--	--	40 J	460 B	340	--	--
MW-11	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0 F1*	--	--	95	480 B	380 B	0.55 J	0.44 J
MW-11	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	110	**930**	**1,300**	< 2.0	< 2.0
MW-11	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	65	440	480	< 2.0	< 2.0
MW-11	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	450	**670**	< 4.0	< 4.0
MW-11	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**740**	**760**	< 4.0	< 4.0
MW-11	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**660**	**1,400**	< 4.0	< 4.0
MW-11	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**580**	**620**	< 4.0	< 4.0
MW-11	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**720**	**1,100**	< 4.0	< 4.0
MW-11	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**810**	**850**	< 4.0	< 4.0
MW-11	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**1,000**	**1,000**	< 4.0	< 4.0
MW-11	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**930**	**1,500**	< 4.0	< 4.0
MW-11	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**590**	**770**	< 4.0	< 4.0
MW-11	3/24/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	440	**1,200**	< 2.0	< 2.0
MW-11	11/5/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**720**	**790**	< 2.0	< 2.0
MW-11	9/7/2022	--	--	--	--	--	--	--	--	210	< 250	--	--
MW-11	3/30/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010 *+	< 1.0	< 50	**660**	**1,400**	< 2.0	< 2.0
MW-11	9/20/2023	--	--	--	--	--	< 0.010	< 1.0	--	**1,000**	**1,000**	--	--
MW-11	3/7/2024	--	--	--	--	--	--	--	--	**680**	**2,000**	--	--
MW-11	9/5/2024	--	--	--	--	--	--	--	--	**780**	**860**	--	--
MW-12	7/11/1996	**624**	174	41.6	164	--	--	--	**2,620**	**618**	--	--	--
MW-12	10/10/1996	**264**	2.98	3.23	60.4	--	--	--	**1,720**	< 250	< 750	--	--
MW-12	3/11/1997	4.02	1.01	< 0.5	9.94	--	--	--	541	402	< 750	--	--
MW-12	5/29/1997	**31.1**	0.530	< 0.5	16.7	--	--	--	**2,100**	**1,460**	**2,500**	--	--
MW-12	8/5/1997	**193**	5.16	5.19	87.9	--	--	--	**2,010**	**712**	< 750	--	--
MW-12	10/23/1997	**71.7**	< 0.5	< 0.5	5.78	--	--	--	358	**996**	**1,840**	--	--
MW-12	3/11/1998	**204**	9.30	< 1.0	18	--	--	--	398	< 250	< 750	--	--
MW-12	6/30/1998	**134**	< 2.50	< 5.00	< 30.0	--	--	--	**8,070**	289	--	--	--
MW-12	12/29/1998	**85.9**	< 1.0	< 1.0	5.80	--	--	--	313	< 250	< 750	--	--
MW-12	3/9/1999	**62.1**	1.71	< 3.0	< 41.0	--	--	--	**6,920**	**770**	**1,810**	--	--
MW-12	6/27/2001	**2,920**	452	275	**1,360**	**350**	--	--	**33,600**	**679**	< 750	--	--
MW-12	9/26/2001	**619**	**1,380**	**966**	**6,890**	< 50.0	--	--	**3,630,000**	**23,900**	**37,800**	--	--
MW-12	12/3/2001	**4,180**	323	315	**1,580**	**386**	--	--	**27,600**	**4,450**	**7,690**	--	--
MW-12	6/26/2003	**712**	878	258	**1,780**	< 20.0	--	--	**17,000**	**62,300**	**87,100**	4.93	**315**
MW-12	12/9/2003	**2,520**	338	142	**1,320**	**114**	--	--	**18,000**	**2,730**	**4,960**	4.84	4.77
MW-12	4/7/2004	**641**	655	201	**1,590**	< 10.0	--	--	**19,200**	**204,000**	**314,000**	8.61	**536**
MW-12	11/16/2004	**757**	**1,230**	283	**2,090**	< 20.0	--	--	**25,800**	**111,000**	**27,800**	2.92	9.64
MW-12	3/29/2005	**462**	655	250	**2,470**	< 40.0	< 0.010	< 10.0	**18,600**	**2,150,000**	**590,000**	--	**313**

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CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-12	6/22/2005	**1,190**	434	350	**2,320**	< 20.0	--	--	**102,000**	**26,900**	**8,180**	3.61	**38**
MW-12	9/12/2005	**758**	631	250	**1,480**	< 2.00	--	--	**12,900**	**242,000**	**561,000**	4.64	**37.5**
MW-12	12/6/2005	**481**	**1,480**	**1,560**	**11,600**	< 100	--	--	**18,800**	**145,000**	**290,000**	12	**76.3**
MW-12	6/5/2006	**721**	61.8	190	**1,170**	< 20.0	--	--	**11,400**	**14,300**	**27,700**	1.52	3.23
MW-12	9/29/2006	**272**	4.79	195	**1,020**	--	--	--	**16,700**	--	--	--	--
MW-12	12/19/2006	**346**	36.6	81.0	620	--	--	--	**41,400**	--	--	--	--
MW-12	12/31/2007	**378**	7.48	104	503	< 1.00	--	--	**10,800**	**1,440**	**3,260**	--	--
MW-12	1/29/2008	**409**	8.39	96.4	584	< 1.00	--	--	**11,100**	**619**	**1,510**	--	--
MW-12	1/6/2009	4.2	0.89	22.5	186	< 1.00	--	--	**6,250**	358	**744**	--	--
MW-12	4/8/2009	0.949	0.647	4.0	52.6	< 1.00	--	--	**4,420**	**722**	**1,170**	7.86	**36**
MW-12	7/8/2009	< 1.00	< 2.50	< 2.50	8.45	< 10.0	--	--	**1,790**	< 250	< 500	5.61	8.45
MW-12	10/6/2009	1.9	< 1.00	1.0	9.3	< 1.00	--	--	**3,600**	**2,210**	**2,040**	< 2.00	4.2
MW-12	1/6/2010	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	**3,700**	**5,500**	**1,100**	2.0	4.8
MW-12	5/25/2010	< 0.50	< 0.50	< 0.50	4.4	< 1.00	--	--	**2,900**	**3,800**	**2,900**	< 2.00	2.6
MW-12	8/19/2010	0.89	0.59	0.51	3.4	< 1.00	--	--	**1,800**	**2,000**	380	< 2.00	3.5
MW-12	12/7/2010	1.9	0.66	0.51	3.6	< 1.0	--	--	**2,300**	**1,700**	**1,300**	< 2.0	2.3
MW-12	1/26/2011	< 0.50	< 0.50	< 0.50	1.2	< 1.0	--	--	610	**1,100**	**2,900**	< 2.0	< 2.0
MW-12	6/16/2011	< 0.50	< 0.50	< 0.50	1.7	< 1.0	--	--	**860**	**2,600**	**1,900**	< 2.0	< 2.0
MW-12	9/22/2011	1.5	< 0.50	0.69	7.0	< 1.0	--	--	**1,800**	**8,770**	**15,200**	< 2.0	**21**
MW-12	12/6/2011	2.5	< 1.0	1.3	< 3.0	< 1.0	--	--	**9,590**	**14,500**	**38,600**	< 10.0	< 10.0
MW-12	3/8/2012	1.7	< 1.0	< 1.0	< 3.0	< 1.0	--	--	**1,460**	298	< 400	< 10.0	< 10.0
MW-12	6/19/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	266	< 800	< 10.0	< 10.0
MW-12	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	**968**	**1,030**	**2,860**	< 10.0	< 10.0
MW-12	12/11/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 100	**542**	**1,890**	< 3.0	< 3.0
MW-12	6/27/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	170	120	380	< 10	< 10
MW-12	9/26/2013	0.63	1.3	< 0.50	< 1.0	< 0.50	--	--	210	< 260	**830**	< 10.0	< 10.0
MW-12	11/15/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	86 Y	400 H	**1,200 O**	< 10.0	< 10.0
MW-12	2/13/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	170	**940 BY**	**1,400 BY**	< 2.0	0.57 J
MW-12	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	15 J	190 BY	320 BY	< 0.17	0.36 J
MW-12	7/11/2014	0.35 J	< 0.16	< 0.13	< 0.12	< 0.17	--	--	100 B	460 BY	300 Y	< 0.17	0.54 J
MW-12	10/22/2014	3.9	0.46 J	0.91 J	1.4 JB	< 1.0	--	--	770 B	**830 Y**	**790 Y**	< 2.0	4.0 B
MW-12	1/21/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	100	250 H1BY^	250 H1Y^	< 0.17	0.60 J
MW-12	12/16/2015	0.64 J*	< 0 *	< 0 *	< 0.50	< 0.17	--	--	170	**1,300**	**1,900**	--	--
MW-12	3/11/2016	0.086 J	< 0.025	< 0.030	< 0.060	< 0.025	--	--	53	240	320	< 0.17	0.32 J
MW-12	6/1/2016	< 0.42	< 0.18	< 0.21	< 0.49	< 0.11	--	--	85	390	310	< 0.17	**390 J**
MW-12	8/29/2016	1.5 J	0.46 J	< 3.0	< 3.0	< 1.0 *	--	--	120	470 B	170 JB	0.24 J	0.33 J
MW-12	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	91	**1,000**	**1,400**	< 2.0	< 2.0
MW-12	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	52	240	300	< 2.0	< 2.0
MW-12	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	150	< 260	< 4.0	< 4.0
MW-12	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**530**	**510**	< 4.0	< 4.0
MW-12	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	170	< 390	< 4.0	< 4.0
MW-12	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	420	400	< 4.0	< 4.0
MW-12	11/15/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**630**	**570**	< 4.0	< 4.0

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-12	1/29/2019	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**790**	**1,200**	< 4.0	< 4.0
MW-12	9/26/2019	< 3.0	2.1	< 3.0	< 3.0	< 2.0	--	--	< 250	**680**	**510**	< 4.0	< 4.0
MW-12	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**890**	**2,100**	< 4.0	< 4.0
MW-12	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**1,200**	**780**	< 4.0	< 4.0
MW-12	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**2,500**	**2,500**	< 2.0	< 2.0
MW-12	9/28/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**1,400**	**750 *+**	< 2.0	< 2.0
MW-12	11/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**3,100**	**1,600**	< 2.0	< 2.0
MW-12	12/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	470	**860**	< 2.0	< 2.0
MW-12	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	180	< 350	< 2.0	< 2.0
MW-12	4/7/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 50	240	470	< 2.0	< 2.0
MW-12	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	160	< 250	< 0.50	< 0.50
MW-12	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	**660**	< 250	< 2.0	< 2.0
MW-12	3/29/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	240	420	< 2.0	< 2.0
MW-12	9/19/2023	--	--	--	--	--	< 0.010	< 1.0	--	**1,200**	**820**	--	--
MW-12	3/7/2024	--	--	--	--	--	--	--	--	170	400	--	--
MW-12	9/5/2024	--	--	--	--	--	--	--	--	**670**	**850**	--	--
MW-13	9/26/2019	**140**	3.2 F1	19 F1	140	< 2.0 F1F2	--	--	**2,900**	**6,900**	**3,500 F1**	< 4.0	< 4.0
MW-13	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	170	< 350	< 4.0	< 4.0
MW-13	9/28/2020	**16**	< 2.0	20	35	< 2.0	--	--	**1,100**	**990**	**590**	< 4.0	< 4.0
MW-13	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	260	210	< 360	< 2.0	< 2.0
MW-13	9/28/2021	**27**	1.0	8.8	16	< 1.0	--	--	**880**	**2,300**	**1,400**	< 2.0	< 2.0
MW-13	11/8/2021	< 1.0	< 1.0	< 1.0	15	< 1.0	--	--	790	**590**	410	< 2.0	2.5
MW-13	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	--	--	--	--
MW-13	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	--	--	--	--
MW-13	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	230	< 250	< 2.0	**45**
MW-13	3/29/2023	< 1.0 H	< 1.0 H	< 1.0 H	< 2.0 H	< 1.0 H	< 0.010	< 1.0 H	< 50	360	< 350	< 2.0	< 2.0
MW-13	9/19/2023	--	--	--	--	--	< 0.010	< 1.0	--	**4,200**	< 360	< 2.0	4.3
MW-13	3/7/2024	--	--	--	--	--	--	--	--	110	< 360	< 2.0	< 2.0
MW-13	9/5/2024	--	--	--	--	--	--	--	--	490	< 340	< 2.0	2.8
MW-14	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-14	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 360	< 4.0	< 4.0
MW-14	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 340	< 4.0	< 4.0
MW-14	3/24/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 350	< 2.0	< 2.0
MW-15	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**1,100**	**710**	< 4.0	< 4.0
MW-15	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	210	< 360	< 4.0	< 4.0
MW-15	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	150	< 360	< 2.0	< 2.0
MW-15	11/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	130	< 360	< 2.0	< 2.0
MW-15	3/30/2022	< 1.0	3.4	1.0	< 2.0	< 1.0	--	--	< 50 *3	< 120	< 380	< 2.0	3.0
MW-15	6/27/2022	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/5/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 50	--	--	--	--

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
MW-15	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 110	< 280	< 2.0	6.8
MW-16	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	**540**	350	< 4.0	< 4.0
MW-16	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110 **1	< 350 **1	< 4.0	< 4.0
MW-16	9/28/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110	< 340	< 4.0	< 4.0
MW-16	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 120	< 370	< 2.0	< 2.0
MW-16	9/19/2023	--	--	--	--	--	< 0.010	< 1.0	--	--	--	--	--
MW-17	12/14/2020	< 3.0	< 2.0	< 3.0	< 3.0	--	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-17	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-18	12/14/2020	< 3.0	< 2.0	< 3.0	< 3.0	--	--	--	< 250	< 110	< 350	< 4.0	< 4.0
MW-18	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 120	< 370	< 2.0	< 2.0
MW-19	12/14/2020	< 3.0	< 2.0	< 3.0	< 3.0	--	--	--	< 250	< 110	< 360	< 4.0	< 4.0
MW-19	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-19	11/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 360	< 2.0	< 2.0
MW-19	3/30/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 50	< 110	< 360	< 2.0	< 2.0
MW-19	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 100	< 250	< 0.50	< 0.50
MW-19	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 100	< 260	< 2.0	< 2.0
MW-20	9/28/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	160	390 *+	< 2.0	< 2.0
MW-20	3/30/2022	< 1.0	< 1.0 F1	< 1.0 F1	< 2.0 F1	1.1	--	--	< 50	110	< 350	< 2.0	< 2.0
MW-20	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 110 F1	< 270	< 2.0	< 2.0
MW-20	3/30/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010 *+	< 1.0	< 50	150	< 360	< 2.0	< 2.0
MW-20	9/20/2023	--	--	--	--	--	< 0.010	< 1.0	--	--	--	--	--
MW-21	9/28/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	350	**510 *+**	< 2.0	< 2.0
MW-21	3/30/2022	< 1.0	< 1.0 *+	< 1.0	< 2.0	< 1.0	--	--	< 50	110	< 350	< 2.0	< 2.0
MW-21	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	< 100	< 260	< 2.0	< 2.0
MW-21	3/30/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010 *+	< 1.0	< 50	140	< 360	< 2.0	< 2.0
MW-21	9/20/2023	--	--	--	--	--	< 0.010	< 1.0	--	180	< 370	--	--
MW-23	3/29/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	190	370	< 2.0	< 2.0
MW-23	6/28/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	< 110	< 360	< 2.0	< 2.0
MW-23	9/19/2023	--	--	--	--	--	--	--	--	170	< 360	--	--
MW-23	12/6/2023	--	--	--	--	--	--	--	--	200	**550**	--	--
MW-23	3/7/2024	--	--	--	--	--	--	--	--	200	**620**	--	--
MW-23	9/5/2024	--	--	--	--	--	--	--	--	< 200	360	--	--
MW-24	3/29/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	< 110	< 350	< 2.0	< 2.0
MW-24	6/28/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	< 110	< 350	< 2.0	< 2.0

Table 2
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CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
B1 (JPHC)	1/23/1996	**1,500**	**1,200**	**1,200**	**7,900**	--	--	--	**3,900,000**	**7,200**	**15,000**	--	--
B1 (JPHC)	3/11/1997	< 2.50	< 2.50	< 2.50	< 5.0	--	--	--	**2,600**	**16,500**	**34,300**	--	--
B1 (JPHC)	5/29/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	**934**	**14,000**	**32,400**	--	--
B1 (JPHC)	8/5/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	238	**7,500**	**16,100**	--	--
B1 (JPHC)	10/23/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	240	**75,500**	**280,000**	--	--
B1 (JPHC)	3/11/1998	3.15	13.6	2.1	31.4	--	--	--	**894**	< 250	< 750	--	--
B1 (JPHC)	6/30/1998	**203**	< 10.0	< 10.0	< 60.0	--	--	--	**23,100**	**3,540**	--	--	--
B1 (JPHC)	12/29/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	**1,170**	**2,730**	--	--
B1 (JPHC)	3/9/1999	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	**746**	**1,830**	--	--
B1 (JPHC)	6/2/1999	**57.3**	5.34	0.729	5.70	--	--	--	196	**1,050**	**1,530**	--	--
B1 (JPHC)	3/16/2000	**538**	119	42.6	142	--	--	--	**2,170**	**4,580**	**1,880**	--	--
B1 (JPHC)	6/30/2000	**1,430**	629	155	658	--	--	--	**6,510**	**4,820**	**973**	--	--
B1 (JPHC)	9/27/2000	**1,180**	203	62.0	309	--	--	--	**6,780**	**6,490**	**8,870**	--	--
B1 (JPHC)	11/10/2000	**2,260**	456	159	621	--	--	--	**8,610**	**2,230**	**5,090**	--	--
B1 (JPHC)	3/19/2001	**1,400**	569	138	672	**212**	--	--	**9,680**	**1,360**	**1,450**	--	--
B1 (JPHC)	6/27/2001	**1,360**	**2,230**	419	**2,060**	< 125	--	--	**47,300**	**73,900**	**132,000**	--	--
B1 (JPHC)	9/26/2001	**1,930**	**1,370**	**1,180**	**8,990**	**40.4**	--	--	**4,790,000**	**197,000**	**304,000**	--	--
B1 (JPHC)	12/3/2001	**204**	727	290	**1,790**	**48.7**	--	--	**40,500**	**14,300**	**28,200**	--	--
B1 (JPHC)	6/26/2003	**2,850**	286	584	**2,570**	19.1	--	--	**31,600**	**185,000**	**263,000**	14.3	**447**
B1 (JPHC)	12/9/2003	**454**	10.7	34.8	354	< 5.00	--	--	**4,650**	**10,700**	**20,500**	1.62	4.60
B1 (JPHC)	4/7/2004	**2,650**	428	383	**1,730**	< 100	--	--	**24,500**	**11,200**	**20,200**	13.3	5.13
B1 (JPHC)	11/16/2004	**3,470**	15	260	**1,190**	< 40.0	--	--	**45,000**	**6,730**	**3,770**	1.39	9.55
B1 (JPHC)	3/29/2005	**3,800**	267	600	**2,330**	< 40.0	< 0.010	< 10.0	**19,500**	**50,400**	**18,600**	--	**26.6**
B1 (JPHC)	6/22/2005	**594**	80.8	326	**1,450**	< 10.0	--	--	**9,760**	**13,300**	**7,820**	1.73	**24.5**
B1 (JPHC)	9/12/2005	**3,890**	64.4	**986**	**4,280**	**25.4**	--	--	**115,000**	**4,270**	**7,990**	11.5	**69.4**
B1 (JPHC)	12/6/2005	**5,400**	99.0	625	**2,220**	< 100	--	--	**25,400**	**6,360**	**12,700**	1.51	4.1
B1 (JPHC)	6/5/2006	**4,440**	75.0	316	885	< 100	--	--	**16,800**	**4,750**	--	1.56	**21.5**
B1 (JPHC)	12/19/2006	**17.8**	< 0.500	< 0.500	34.2	--	--	--	**4,140**	--	--	--	--
B1 (JPHC)	7/1/2008	< 0.500	< 0.500	< 0.500	< 3.00	4.44	--	--	486	252	**671**	--	4.39
B1 (JPHC)	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	2.82	--	--	**5,870**	**4,260**	**10,400**	--	**18.4**
B1 (JPHC)	1/6/2009	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	163	**2,270**	**7,700**	--	8.21
B1 (JPHC)	4/8/2009	< 0.500	< 0.500	< 0.500	1.13	1.12	--	--	185	< 245	< 490	5.19	5.36
B1 (JPHC)	7/8/2009	**24.6**	< 0.500	< 0.500	< 1.00	< 2.00	--	--	152	< 240	< 481	5.74	6.81
B1 (JPHC)	10/6/2009	**54**	1.2	3.6	< 2.00	< 1.00	--	--	**950**	315	**534**	5.6	**31**
B1 (JPHC)	1/6/2010	**110**	2.2	9.5	10	< 1.00	--	--	**1,000**	**810**	< 240	6.9	7.7
B1 (JPHC)	5/25/2010	**250**	11	26	64	< 1.00	--	--	**1,400**	**13,000**	**720**	6.5	13
B1 (JPHC)	8/19/2010	**280**	26	32	120	< 1.00	--	--	**2,000**	**11,000**	**780**	5.0	11
B1 (JPHC)	12/7/2010	**150**	42	39	160	< 1.0	--	--	**2,900**	**4,700**	**650**	4.8	6.6
B1 (JPHC)	1/26/2011	**41**	16	21	100	< 1.0	--	--	**1,200**	**3,000**	370	4.1	4.9
B1 (JPHC)	6/16/2011	**140**	8.2	52	340	< 1.0	--	--	**4,600**	**7,700**	**1,600**	4.2	8.0
B1 (JPHC)	9/22/2011	3.3	< 0.50	2.7	9.2	1.5	--	--	520	304	< 476	< 2.0	3.3
B1 (JPHC)	12/6/2011	< 1.0	< 1.0	< 1.0	< 3.0	1.6	--	--	337	129	< 381	< 10.0	< 10.0
B1 (JPHC)	3/8/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	83.0	86.6	< 400	< 10.0	< 10.0

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CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
B1 (JPHC)	6/19/2012	**16.9**	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	**697**	< 800	< 10.0	< 10.0
B1 (JPHC)	9/21/2012	**37.5**	< 1.0	< 1.0	< 3.0	< 1.0	--	--	448	232	**546**	< 10.0	< 10.0
B1 (JPHC)	12/11/2012	**9.4**	< 1.0	< 1.0	< 3.0	< 1.0	--	--	359	**989**	464	< 3.0	< 3.0
B1 (JPHC)	6/26/2013	**150**	2.2	23	41	< 0.50	--	--	**1,000**	140	250	11	11
B1 (JPHC)	9/26/2013	**150**	3.6	29	75	< 0.50	--	--	**990**	< 260	< 260	< 10.0	< 10.0
B1 (JPHC)	11/15/2013	**200 D**	4.4	31	89	< 0.50	--	--	**1,000 Y**	< 260	< 260	< 10.0	< 10.0
B1 (JPHC)	2/13/2014	**150**	3.9	29	86	< 1.0	--	--	**2,100**	**4,800 BY**	**670 BY**	1.3 J	2.0
B1 (JPHC)	4/2/2014	**110**	3.4 J	23	70	< 0.74	--	--	**1,800**	**4,500 BY**	410 BY	0.93 J	1.4 J
B1 (JPHC)	7/11/2014	**140**	3.9	32	100	< 0.17	--	--	**1,600 B**	**5,400 BY**	**600 Y**	1.0 J	1.4 J
B1 (JPHC)	10/22/2014	**160**	4.9	39	180 B	0.20 J	--	--	**2,500 B**	**2,300 Y**	30 J	0.60 J	1.4 JB
B1 (JPHC)	1/21/2015	**130**	2.4	21	88	< 0.17	--	--	**1,700**	**4,600 H1BY^**	300 H1Y^	0.39 J	0.51 J
B1 (JPHC)	12/16/2015	**89**	2.0	15	36	< 0.17	--	--	**1,600**	**2,600**	330	--	--
B1 (JPHC)	3/11/2016	**80**	0.99 J	7.9	22	0.27 J	--	--	**950**	**4,300**	**1,000**	< 0.17	0.27 J
B1 (JPHC)	6/1/2016	**93**	2.1	10	34	< 0.11	--	--	**1,400**	**4,400**	**1,000**	0.32 J	1.6 J
B1 (JPHC)	8/29/2016	**140**	3.3	15	79	< 1.0 *	--	--	**1,900**	**3,300 B**	410 B	0.39 J	0.39 J
B1 (JPHC)	11/21/2016	**120**	3.0	15	78	< 1.0	--	--	**2,100**	**4,400**	**1,300**	< 2.0	< 2.0
B1 (JPHC)	2/15/2017	**86**	< 2.0	10	40	< 1.0	--	--	**1,600**	**3,800**	**880**	< 2.0	< 2.0
B1 (JPHC)	5/26/2017	**67**	< 2.0	6.3	24 F1	< 2.0	--	--	**1,100 F1**	**4,200**	**1,200**	< 4.0	< 4.0
B1 (JPHC)	10/17/2017	**97**	2.0	7.7	48	< 2.0	--	--	**1,700**	**4,600**	**1,300**	< 4.0	< 4.0
B1 (JPHC)	2/8/2018	**88**	< 2.0	6.6	39	< 2.0	--	--	**1,400**	**3,700**	**1,500**	< 4.0	< 4.0
B1 (JPHC)	9/11/2018	**130**	< 2.0	6.0	38	< 1.0	--	--	**1,600**	**5,100**	**2,000**	< 4.0	< 4.0
B1 (JPHC)	11/15/2018	**130**	2.4	6.3	51	< 1.0	--	--	**2,500**	**5,300**	**3,000**	< 4.0	< 4.0
B1 (JPHC)	1/29/2019	**57**	< 2.0	3.7	34	< 1.0	--	--	**1,800**	**3,600**	**2,100**	< 4.0	< 4.0
B1 (JPHC)	9/26/2019	**80**	3.2	3.1	39	< 2.0	--	--	**1,700**	**3,900**	**2,200**	< 4.0	< 4.0
B1 (JPHC)	3/9/2020	**11**	< 2.0	< 3.0	11	< 2.0	--	--	**980**	**1,200 **1**	< 360 **1	< 4.0	< 4.0
B1 (JPHC)	9/28/2020	**13**	< 2.0	< 3.0	11	< 2.0	--	--	**870**	**2,200**	**1,300**	< 4.0	< 4.0
B1 (JPHC)	3/23/2021	**9.4**	< 1.0	< 1.0	3.4	< 1.0	--	--	640	**1,600**	**1,000**	< 2.0	< 2.0
B1 (JPHC)	11/8/2021	**19**	< 1.0	1.4	9.3	< 1.0	--	--	**910**	**2,500**	**1,700**	< 2.0	< 2.0
B1 (JPHC)	12/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	**670**	< 360	< 2.0	2.2
B1 (JPHC)	3/30/2022	**12**	< 1.0	< 1.0	< 2.0	< 1.0	--	--	76 *3	**1,100**	**550**	< 2.0	< 2.0
B1 (JPHC)	6/27/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	330	< 260	< 0.50	1.8
B1 (JPHC)	9/7/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	< 250	**700**	400	< 2.0	< 2.0
B1 (JPHC)	3/29/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	**570**	< 370	< 2.0	< 2.0
B1 (JPHC)	9/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	--	< 0.010	< 1.0	--	**630**	420	--	--
B1 (JPHC)	3/7/2024	--	--	--	--	--	--	--	--	**580**	420	--	--
B1 (JPHC)	9/5/2024	--	--	--	--	--	--	--	--	**740**	**520**	--	--
B3 (JPHC)	2/15/1995	1.0	< 0.5	< 0.5	< 1.0	--	--	--	< 50	340	**1,200**	--	10
B3 (JPHC)	4/11/1995	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	--	--	--	--
B3 (JPHC)	7/20/1995	< 0.5	0.90	< 0.5	2.6	--	--	--	91	370	< 750	--	--
B3 (JPHC)	10/25/1995	0.57	2.6	0.84	9.0	--	--	--	750	**810**	**1,600**	--	--
B3 (JPHC)	1/23/1996	0.64	11	3.6	35.0	--	--	--	**5,400**	**810**	**1,900**	--	--
B3 (JPHC)	4/17/1996	< 0.5	1.0	< 0.5	< 1.0	--	--	--	80	330	< 750	--	--

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
B3 (JPHC)	7/8/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	415	< 750	--	--
B3 (JPHC)	10/10/1996	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
B3 (JPHC)	3/11/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	407	< 750	--	--
B3 (JPHC)	5/29/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	402	**1,180**	--	--
B3 (JPHC)	8/5/1997	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	269	< 750	--	--
B3 (JPHC)	3/11/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 80	< 250	< 750	--	--
B3 (JPHC)	6/30/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	76.6	< 250	--	--	--
B3 (JPHC)	9/25/1998	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
B3 (JPHC)	12/29/1998	< 2.5	< 2.5	< 2.5	< 5.0	--	--	--	< 250	< 250	< 750	--	--
B3 (JPHC)	3/9/1999	< 0.5	< 0.5	< 0.5	< 1.0	--	--	--	< 50	< 250	< 750	--	--
B3 (JPHC)	6/2/1999	< 0.500	5.43	< 0.500	4.39	--	--	--	51.9	< 250	< 750	--	--
B3 (JPHC)	12/20/1999	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	98.2	< 250	--	--	--
B3 (JPHC)	9/27/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 50.0	< 250	< 750	--	--
B3 (JPHC)	11/10/2000	< 0.500	< 0.500	< 0.500	< 1.00	--	--	--	< 80.0	< 250	< 750	--	--
B3 (JPHC)	3/19/2001	< 0.500	< 0.500	< 0.500	< 1.00	**204**	--	--	< 50.0	**1,180**	**2,750**	--	--
B3 (JPHC)	6/27/2001	< 0.500	< 0.500	< 0.500	< 1.00	9.44	--	--	< 50.0	< 250	< 750	--	--
B3 (JPHC)	9/26/2001	< 0.500	< 0.500	< 0.500	< 1.00	8.06	--	--	< 50.0	< 250	< 750	--	--
B3 (JPHC)	12/3/2001	< 0.500	< 0.500	< 0.500	< 1.00	**49.3**	--	--	< 50.0	< 250	< 500	--	--
B3 (JPHC)	6/6/2002	< 0.500	1.05	< 0.500	< 1.00	5.03	< 0.01	< 1.00	< 50.0	< 250	< 500	< 1.00	**23.5**
B3 (JPHC)	6/26/2003	< 0.500	< 0.500	1.30	7.36	< 1.00	--	--	296	289	< 500	< 1.00	11.3
B3 (JPHC)	12/9/2003	< 0.500	< 0.500	< 0.500	< 1.00	1.61	--	--	< 50.0	< 250	< 500	< 1.00	< 1.00
B3 (JPHC)	11/16/2004	< 0.200	< 0.500	< 0.500	< 1.00	3.76	--	--	< 80.0	< 250	< 500	< 1.00	2.28
B3 (JPHC)	3/29/2005	< 0.200	< 0.500	< 0.500	< 1.00	2.58	< 0.010	< 0.500	< 80.0	< 250	< 500	--	2.09
B3 (JPHC)	6/22/2005	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	291	< 500	< 1.00	**18.9**
B3 (JPHC)	9/12/2005	< 0.500	< 0.500	< 0.500	< 1.00	3.82	--	--	< 50.0	< 250	< 500	< 1.00	4.12
B3 (JPHC)	12/6/2005	< 0.500	< 0.500	< 0.500	< 1.00	4.49	--	--	74.3	253	< 485	< 1.00	3.25
B3 (JPHC)	6/5/2006	< 0.500	< 0.500	< 0.500	< 1.00	1.17	--	--	< 50.0	< 278	< 556	< 1.00	1.95
B3 (JPHC)	9/24/2007	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 245	< 490	--	--
B3 (JPHC)	1/29/2008	< 0.500	< 0.500	< 0.500	< 3.00	< 1.00	--	--	< 50.0	< 238	< 476	--	1.59
B3 (JPHC)	7/1/2008	< 0.500	< 0.500	< 0.500	< 3.00	15.6	--	--	< 50.0	< 236	< 472	--	< 1.00
B3 (JPHC)	10/3/2008	< 0.500	< 0.500	< 0.500	< 3.00	**23.5**	--	--	< 50.0	< 236	< 472	--	**16.9**
B3 (JPHC)	1/6/2009	< 0.500	< 0.500	< 0.500	< 3.00	**24.1**	--	--	< 50.0	< 236	< 472	--	7.6
B3 (JPHC)	4/8/2009	< 0.500	< 0.500	< 0.500	< 1.00	5.94	--	--	< 50.0	< 240	< 481	< 1.00	1.62
B3 (JPHC)	7/8/2009	< 0.200	< 0.500	< 0.500	< 1.00	< 2.00	--	--	< 80.0	**842**	< 472	< 1.00	< 1.00
B3 (JPHC)	10/6/2009	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	130	< 236	< 472	< 2.00	7.6
B3 (JPHC)	1/6/2010	< 1.00	< 1.00	< 1.00	< 2.00	< 1.00	--	--	< 50.0	< 120	< 240	< 2.00	< 2.00
B3 (JPHC)	5/25/2010	< 0.50	< 0.50	< 0.50	< 1.00	< 1.00	--	--	< 50.0	< 120	< 240	< 2.00	< 2.00
B3 (JPHC)	8/19/2010	< 0.50	< 0.50	< 0.50	< 1.00	< 1.00	--	--	< 50.0	340	420	< 2.00	6.1
B3 (JPHC)	12/7/2010	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	< 120	< 240	< 2.0	6.1
B3 (JPHC)	1/26/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	< 120	< 240	< 2.0	< 2.0
B3 (JPHC)	6/16/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	260	450	< 2.0	2.3
B3 (JPHC)	9/22/2011	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	--	--	< 50	< 95.2	< 476	< 2.0	< 2.0
B3 (JPHC)	12/6/2011	< 1.0	< 1.0	< 1.0	< 3.0	2.2	--	--	< 50.0	< 80.0	< 400	< 10.0	< 10.0

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

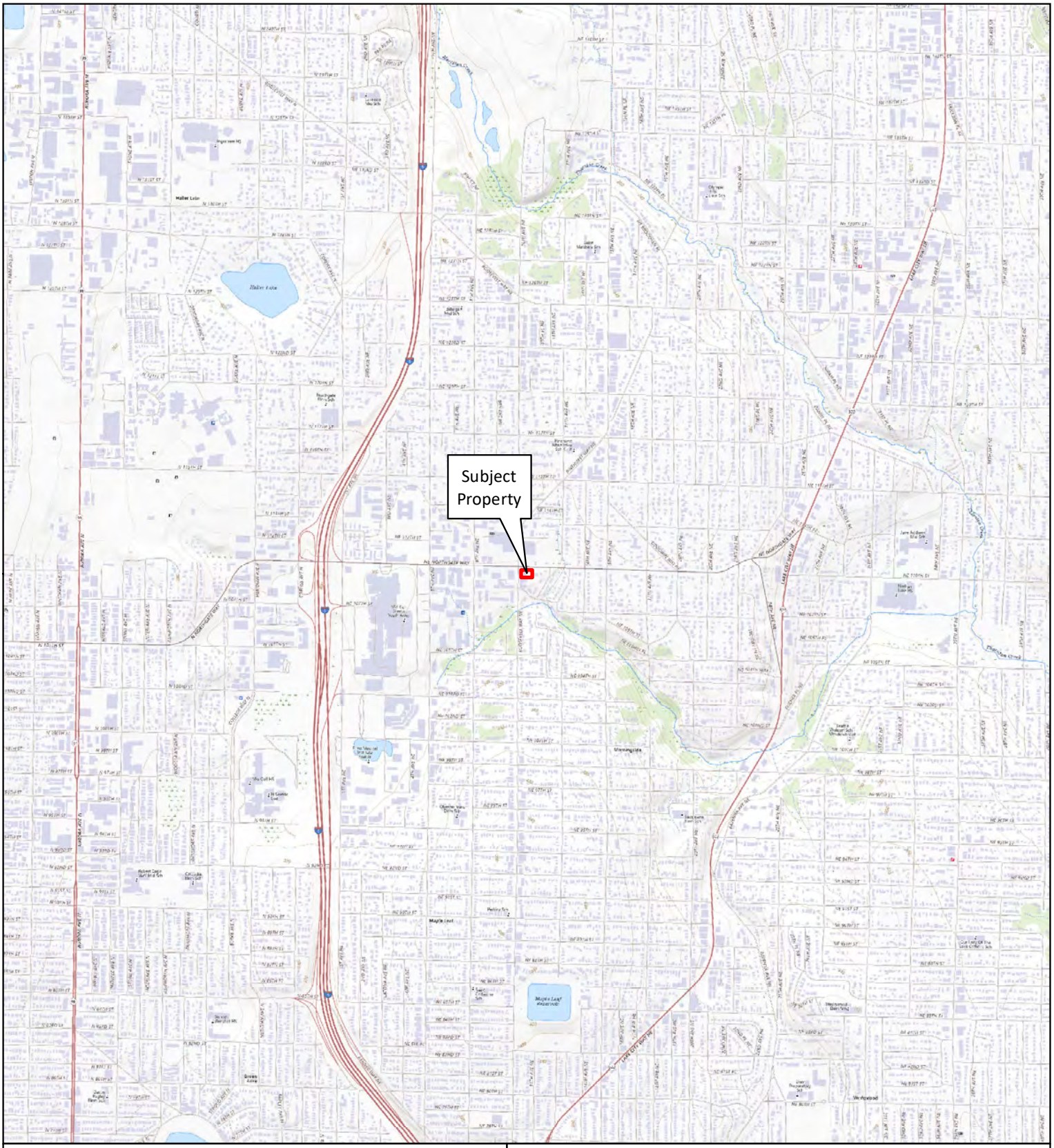
CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-O	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**
B3 (JPHC)	3/8/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 78.4	< 392	< 10.0	< 10.0
B3 (JPHC)	6/19/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 160	< 800	< 10.0	< 10.0
B3 (JPHC)	9/21/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 50.0	< 80.8	< 404	< 10.0	< 10.0
B3 (JPHC)	12/11/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	< 100	< 182	444	< 3.0	< 3.0
B3 (JPHC)	6/26/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 250	22	< 10	< 10
B3 (JPHC)	9/26/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
B3 (JPHC)	11/15/2013	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 50	< 260	< 260	< 10.0	< 10.0
B3 (JPHC)	2/13/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	16 J	44	46	< 2.0	< 2.0
B3 (JPHC)	4/2/2014	< 1.1	< 0.89	< 0.89	< 0.82	< 0.74	--	--	14 J	76 JB	80 JB	< 0.17	< 0.17
B3 (JPHC)	7/11/2014	< 0.14	< 0.16	< 0.13	0.13 J	< 0.17	--	--	15 JB	140 BY	130 J	0.77 J	0.22 J
B3 (JPHC)	10/22/2014	< 1.0	< 1.0	< 1.0	0.18 JB	0.72 J	--	--	< 50	210 Y	67 J	< 2.0	< 2.0
B3 (JPHC)	1/20/2015	< 0.14	< 0.16	< 0.13	< 0.12	< 0.17	--	--	31 J	210 H1BY^	170 J^H1	< 0.17	< 0.17
B3 (JPHC)	12/14/2015	< 0.42	< 0 *	< 0.51	< 0.50	0.19 J	--	--	< 27	57	< 30	--	--
B3 (JPHC)	3/11/2016	< 0.025	< 0.025	< 0.030	< 0.060	0.058 J	--	--	44 J	130	200 J	< 0.17	< 0.17
B3 (JPHC)	8/29/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0 *	--	--	< 50	51 JB	34 JB	< 2.0	< 2.0
B3 (JPHC)	11/21/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	110	< 250	< 2.0	< 2.0
B3 (JPHC)	2/15/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 50	140	< 250	< 2.0	< 2.0
B3 (JPHC)	5/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 500	150	< 260	< 4.0	< 4.0
B3 (JPHC)	10/17/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	230	< 250	< 4.0	< 4.0
B3 (JPHC)	2/8/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	160	< 430	< 4.0	< 4.0
B3 (JPHC)	9/11/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	--	--	< 250	**5,000**	**1,900**	< 4.0	< 4.0
B3 (JPHC)	9/26/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	180	< 350	< 4.0	< 4.0
B3 (JPHC)	3/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	< 250	< 110 **1	< 360 **1	< 4.0	< 4.0
B3 (JPHC)	3/23/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 250	< 110	< 370	< 2.0	< 2.0
B3 (JPHC)	3/29/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	110	< 350	< 2.0	< 2.0
B3 (JPHC)	9/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 50	320	490	< 2.0	< 2.0
B3 (JPHC)	3/7/2024	--	--	--	--	--	--	--	--	140	< 350	--	--
B3 (JPHC)	9/5/2024	--	--	--	--	--	--	--	--	< 200	< 350	--	--
IW-1	11/17/2017	--	--	--	--	--	--	--	--	--	--	--	3.1
IW-1	12/7/2017	**11**	2.5	25	310	--	--	--	**9,800**	--	--	--	--

Table 2
Groundwater Analytical Data
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington

CONSTITUENT / UNIT	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L	Dissolved Lead µg/L	Total Lead µg/L
MTCA METHOD A CLEANUP LEVELS	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**15[2]**	**15**

Notes:
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes, Total
MTBE = Methyl-tertiary-butyl ether
EDB = 1,2-Dibromo-ethane
EDC = 1,2-Dichloro-ethane
TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx
TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx
TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx
1,000/800[1] = 1,000 µg/L if no detectable levels of Benzene in the sample - otherwise 800 µg/L
15[2] = Cleanup Level of 15 µg/L for dissolved lead is based on that for total lead
D = The reported result is from a dilution.
*+ = LCS and/or LCSD is outside acceptance limits, high biased
** Sample from PDB within well
ND = Not detected
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
µg/L = Micrograms per liter (ppb)
-- = No value given/Not analyzed/Not applicable
MTCA = Model Toxics Control Act
Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels
* = LCS or LCSD is outside acceptance limits
*1 = LCS/LCSD RPD exceeds control limits
*3 = ISTD response or retention time outside acceptable limits
Y = The chromatographic response resembles a typical fuel pattern
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
B = Compound was found in the blank and sample
H & H1 = Sample was prepped or analyzed beyond the specific holding time
F1 = MS and/or MSD Recovery is outside acceptance limits
F2 = MS/MSD RPD exceeds control limits
^ = Re-extraction and re-analysis of samples was performed beyond the specified holding time as the LCS or LCSD exceeded control limits and the compound was found in the blank and sample

Figures



USGS 7.5-minute
Topographic Series
Seattle North, Washington

N

0 500 1,000 2,000 3,000 4,000
Feet

FIGURE 1

SITE LOCATION MAP
ARCO FACILITY NO. 980
10822 ROOSEVELT WAY NORTHEAST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
WA - 00980 Seattle	*CG*	*1:24,000*
DATE	**REVIEWED BY**	**MAP SCALE**
7/9/2024	*BJ*	*1 INCH = 2,000 FEET*

anteagroup data management + analytics

Z:\!GIS Projects\BP\BP_WA\980 Seattle- CROSS CHECK CAD FILE\Layout\SiteLocation.mxd

Legend

Subject Property Boundary

0 20 40 60 80 100 200 300 Feet

N

FIGURE 2

SITE AERIAL MAP
ARCO FACILITY NO. 980
10822 ROOSEVELT WAY NORTHEAST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
WA - 00980 Seattle	*CG*	*1:1,200*
DATE	REVIEWED BY	MAP SCALE
7/9/2024	*BJ*	*1 INCH = 100 FEET*

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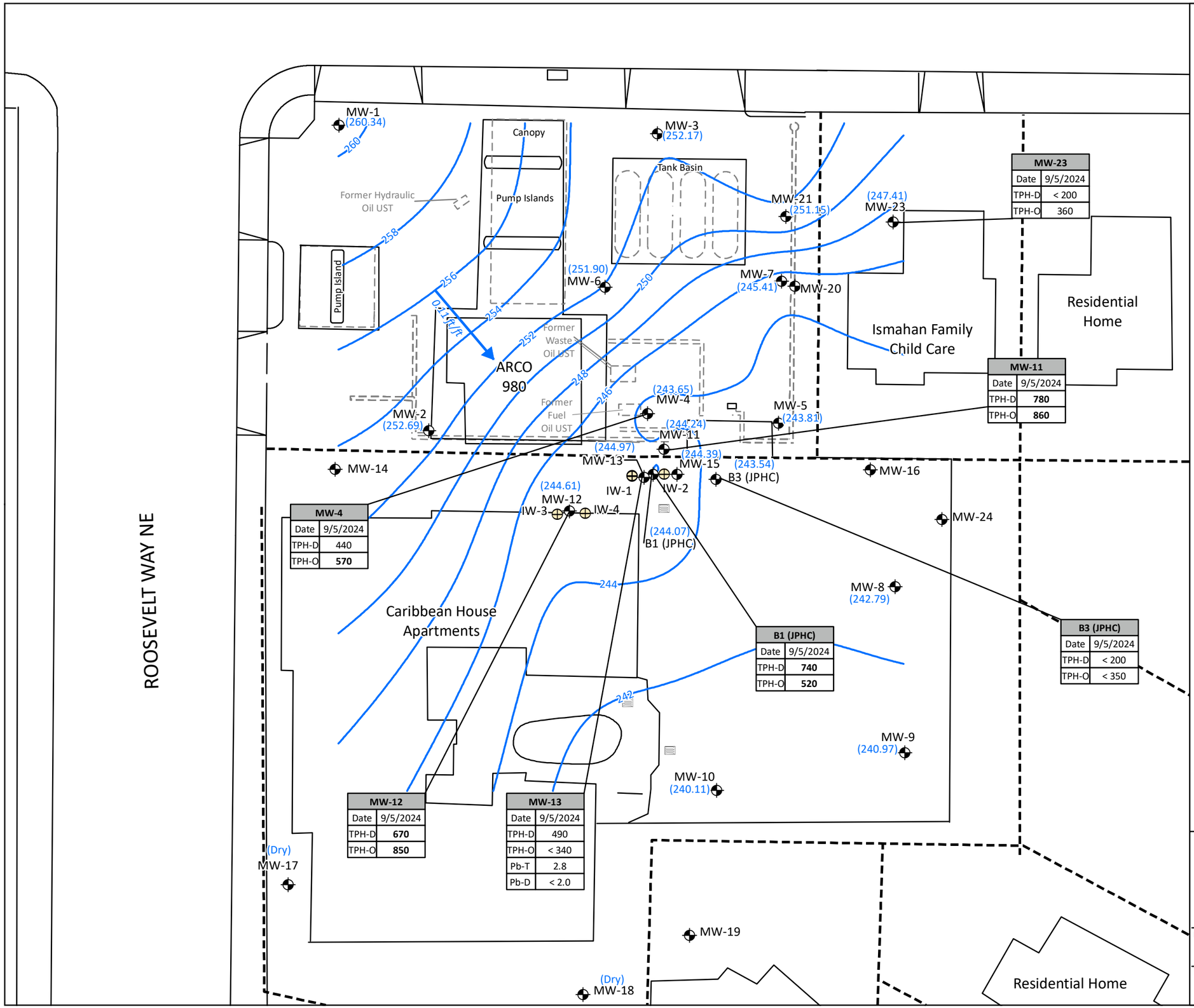
Z:\!GIS Projects\BP\BP_WA\980 Seattle- CROSS CHECK CAD FILE\Layout\SiteAerialLayoutMap.mxd



Legend

- Groundwater Monitoring Well
- Injection Well Location
- Injection Well Location Installed By Innovex
- Catch Basin
- Property Boundary
- Site Features
- Former Site Features
- Groundwater Elevation Contour
- Inferred Groundwater Flow Direction
- 0.11 ft/ft Hydraulic Gradient (Feet/Foot)
- (240.97) Groundwater Elevation (Feet)

MW-13	Well ID
Date	Sample Date
TPH-D	Diesel Range Organics
TPH-O	Oil Range Organics
Pb-T	Total Lead
Pb-D	Dissolved Lead

< = Not detected at or above indicated laboratory reporting limit

Results in bold exceed applicable action limits
All results given in micrograms per liter (µg/L)

FIGURE 3

GROUNDWATER ANALYTICAL AND ELEVATION CONTOUR MAP
SEPTEMBER 5, 2024
ARCO FACILITY NO. 980
10822 ROOSEVELT WAY NORTHEAST
SEATTLE, WASHINGTON

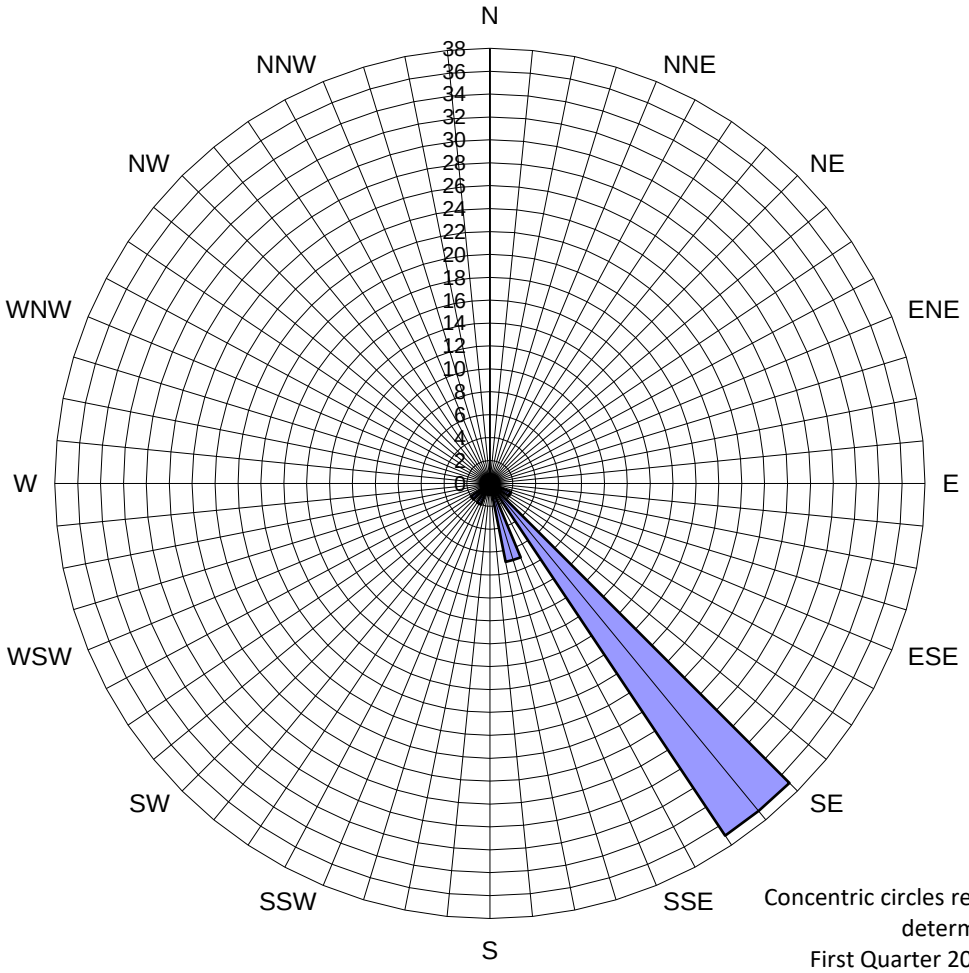
PROJECT NO.	PREPARED BY	REF SCALE
WA - 00980 Seattle	JLH/MH	1:360
DATE	REVIEWED BY	MAP SCALE
12/12/2024	DL/BJ	1 inch = 30 feet

antea group

Z:\!GIS Projects\BP\BP_WA\980 Seattle- CROSS CHECK CAD FILE\Layout\GWEA3Q24.mxd

Figure 4

Groundwater Flow Direction Rose Diagram
ARCO Facility No. 980
10822 Roosevelt Way Northeast, Seattle, Washington



Legend
Concentric circles represent two montoring events with determinable flow directions
First Quarter 2005 through Third Quarter 2024
51 monitoring events shown

Groundwater Flow Direction

Appendix A – Analytical Lab Reports and Chain of Custody Documentation

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ANALYTICAL REPORT

PREPARED FOR

Attn: Megan Richard
Antea USA Inc.
18378-B Redmond Way
Redmond, Washington 98052

Generated 9/20/2024 8:58:19 PM

JOB DESCRIPTION

BP -ARCO 980

JOB NUMBER

580-143635-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Compliance Statement

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins Environment Testing (USA) and its client. This report shall not be reproduced, except in full, without written permission from Eurofins Environment Testing (USA). The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Authorization

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9/20/2024 8:58:19 PM

Authorized for release by
Marie Walker, Senior Project Manager
M.Elaine.Walker@et.eurofinsus.com
(253)248-4972

Table of Contents

Definitions/Glossary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Job Narrative
580-143635-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 9/6/2024 11:08 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Method NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)
Samples MW-4_20240905 (580-143635-1), MW-11_20240905 (580-143635-2), MW-11_20240905 (580-143635-2MS), MW-11_20240905 (580-143635-2MSD), MW-12_20240905 (580-143635-3), MW-13_20240905 (580-143635-4), MW-23_20240905 (580-143635-5), B1(JPHC)_20240905 (580-143635-6), B3(JPHC)_20240905 (580-143635-7) and MW-11D_20240905 (580-143635-8) were analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The samples were prepared on 9/11/2024 and analyzed on 9/19/2024 and 9/20/2024.

The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern is not the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-4_20240905 (580-143635-1), MW-11_20240905 (580-143635-2), MW-12_20240905 (580-143635-3), MW-13_20240905 (580-143635-4), B1(JPHC)_20240905 (580-143635-6) and MW-11D_20240905 (580-143635-8).

Method 6020B - Metals (ICP/MS) - Dissolved
Sample MW-13_20240905 (580-143635-4) was analyzed for Metals (ICP/MS) - Dissolved. The sample was prepared on 9/17/2024 and analyzed on 9/18/2024.

Sample MW-13_20240905 (580-143635-4)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 6020B - Metals (ICP/MS) - Total Recoverable
Sample MW-13_20240905 (580-143635-4) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 9/17/2024 and analyzed on 9/18/2024.

Sample MW-13_20240905 (580-143635-4)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Detection Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Client Sample ID: MW-4_20240905 — Lab Sample ID: 580-143635-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	440		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	570		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-11_20240905 — Lab Sample ID: 580-143635-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	780		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	860		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-12_20240905 — Lab Sample ID: 580-143635-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	670		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	850		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-13_20240905 — Lab Sample ID: 580-143635-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	490		190		ug/L	1		NWTPH-Dx	Total/NA
Lead	2.8		2.0		ug/L	5		6020B	Total Recoverable

Client Sample ID: MW-23_20240905 — Lab Sample ID: 580-143635-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Motor Oil (>C24-C36)	360		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: B1(JPHC)_20240905 — Lab Sample ID: 580-143635-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	740		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	520		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: B3(JPHC)_20240905 — Lab Sample ID: 580-143635-7

No Detections.

Client Sample ID: MW-11D_20240905 — Lab Sample ID: 580-143635-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	870		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	970		340		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-4_20240905

Lab Sample ID: 580-143635-1
Matrix: Water
Date Collected: 09/05/24 12:00
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	440		190		ug/L		09/11/24 08:34	09/20/24 05:46	1
Motor Oil (>C24-C36)	570		340		ug/L		09/11/24 08:34	09/20/24 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*53*		*50 - 150*	*09/11/24 08:34*	*09/20/24 05:46*	*1*

Client Sample ID: MW-11_20240905

Lab Sample ID: 580-143635-2
Matrix: Water
Date Collected: 09/05/24 12:50
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	780		200		ug/L		09/11/24 08:34	09/20/24 06:06	1
Motor Oil (>C24-C36)	860		350		ug/L		09/11/24 08:34	09/20/24 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*53*		*50 - 150*	*09/11/24 08:34*	*09/20/24 06:06*	*1*

Client Sample ID: MW-12_20240905

Lab Sample ID: 580-143635-3
Matrix: Water
Date Collected: 09/05/24 10:40
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	670		200		ug/L		09/11/24 08:34	09/20/24 07:06	1
Motor Oil (>C24-C36)	850		350		ug/L		09/11/24 08:34	09/20/24 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*52*		*50 - 150*	*09/11/24 08:34*	*09/20/24 07:06*	*1*

Client Sample ID: MW-13_20240905

Lab Sample ID: 580-143635-4
Matrix: Water
Date Collected: 09/05/24 09:25
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	490		190		ug/L		09/11/24 08:34	09/20/24 07:26	1
Motor Oil (>C24-C36)	ND		340		ug/L		09/11/24 08:34	09/20/24 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*50*		*50 - 150*	*09/11/24 08:34*	*09/20/24 07:26*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		2.0		ug/L		09/17/24 16:26	09/18/24 16:17	5

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.0		ug/L		09/17/24 11:01	09/18/24 18:15	5

Client Sample ID: MW-23_20240905

Lab Sample ID: 580-143635-5
Matrix: Water
Date Collected: 09/05/24 14:35
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		09/11/24 08:34	09/20/24 07:46	1
Motor Oil (>C24-C36)	**360**		350		ug/L		09/11/24 08:34	09/20/24 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*59*		*50 - 150*	*09/11/24 08:34*	*09/20/24 07:46*	*1*

Client Sample ID: B1(JPHC)_20240905

Lab Sample ID: 580-143635-6
Matrix: Water
Date Collected: 09/05/24 10:05
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**740**		190		ug/L		09/11/24 08:21	09/19/24 20:28	1
Motor Oil (>C24-C36)	**520**		340		ug/L		09/11/24 08:21	09/19/24 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*57*		*50 - 150*	*09/11/24 08:21*	*09/19/24 20:28*	*1*

Client Sample ID: B3(JPHC)_20240905

Lab Sample ID: 580-143635-7
Matrix: Water
Date Collected: 09/05/24 08:45
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		09/11/24 08:21	09/19/24 20:48	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/24 08:21	09/19/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*59*		*50 - 150*	*09/11/24 08:21*	*09/19/24 20:48*	*1*

Client Sample ID: MW-11D_20240905

Lab Sample ID: 580-143635-8
Matrix: Water
Date Collected: 09/05/24 12:50
Date Received: 09/06/24 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**870**		200		ug/L		09/11/24 08:21	09/19/24 21:08	1
Motor Oil (>C24-C36)	**970**		340		ug/L		09/11/24 08:21	09/19/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*54*		*50 - 150*	*09/11/24 08:21*	*09/19/24 21:08*	*1*

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

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	OTPH (50-150)						
580-143635-1	MW-4_20240905	53						
580-143635-2	MW-11_20240905	53						
580-143635-2 MS	MW-11_20240905	64						
580-143635-2 MSD	MW-11_20240905	61						
580-143635-3	MW-12_20240905	52						
580-143635-4	MW-13_20240905	50						
580-143635-5	MW-23_20240905	59						
580-143635-6	B1(JPHC)_20240905	57						
580-143635-7	B3(JPHC)_20240905	59						
580-143635-8	MW-11D_20240905	54						
LCS 580-471011/2-A	Lab Control Sample	80						
LCS 580-471012/2-A	Lab Control Sample	84						
MB 580-471011/1-A	Method Blank	57						
MB 580-471012/1-A	Method Blank	57						

Surrogate Legend

OTPH = o-Terphenyl

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

Lab Sample ID: MB 580-471011/1-A
Matrix: Water
Analysis Batch: 471993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 471011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		09/11/24 08:21	09/19/24 15:48	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/24 08:21	09/19/24 15:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*57*		*50 - 150*	*09/11/24 08:21*	*09/19/24 15:48*	*1*

Lab Sample ID: LCS 580-471011/2-A
Matrix: Water
Analysis Batch: 471993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 471011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4000	3140		ug/L		78	50 - 120
Motor Oil (>C24-C36)	4000	3290		ug/L		82	64 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*80*		*50 - 150*

Lab Sample ID: MB 580-471012/1-A
Matrix: Water
Analysis Batch: 471993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 471012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		09/11/24 08:34	09/19/24 23:27	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/24 08:34	09/19/24 23:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*57*		*50 - 150*	*09/11/24 08:34*	*09/19/24 23:27*	*1*

Lab Sample ID: LCS 580-471012/2-A
Matrix: Water
Analysis Batch: 471993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 471012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4000	3190		ug/L		80	50 - 120
Motor Oil (>C24-C36)	4000	3300		ug/L		83	64 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*84*		*50 - 150*

Lab Sample ID: 580-143635-2 MS
Matrix: Water
Analysis Batch: 471993

Client Sample ID: MW-11_20240905
Prep Type: Total/NA
Prep Batch: 471012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	780		3960	3320		ug/L		64	50 - 120
Motor Oil (>C24-C36)	860		3960	3660		ug/L		71	64 - 120

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

Lab Sample ID: 580-143635-2 MS
Matrix: Water
Analysis Batch: 471993

Client Sample ID: MW-11_20240905
Prep Type: Total/NA
Prep Batch: 471012

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	64		50 - 150

Lab Sample ID: 580-143635-2 MSD
Matrix: Water
Analysis Batch: 471993

Client Sample ID: MW-11_20240905
Prep Type: Total/NA
Prep Batch: 471012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	780		4000	3210		ug/L		61	50 - 120	4	26
Motor Oil (>C24-C36)	860		4000	3600		ug/L		69	64 - 120	2	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	61		50 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-471750/26-A
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 471750

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.40		ug/L		09/17/24 16:26	09/18/24 15:00	1

Lab Sample ID: LCS 580-471750/27-A
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 471750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1000	986		ug/L		99	80 - 120

Lab Sample ID: LCSD 580-471750/28-A
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 471750

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	1000	997		ug/L		100	80 - 120	1	20

Lab Sample ID: MB 580-471216/12-B
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 471684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.40		ug/L		09/17/24 11:01	09/18/24 17:34	1

Lab Sample ID: LCS 580-471216/13-B
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 471684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1000	965		ug/L		96	80 - 120

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

Lab Sample ID: LCSD 580-471216/14-B
Matrix: Water
Analysis Batch: 471931

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 471684

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			1000	963		ug/L		96	80 - 120	0	20

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

GC Semi VOA

Prep Batch: 471011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-6	B1(JPHC)_20240905	Total/NA	Water	3510C	
580-143635-7	B3(JPHC)_20240905	Total/NA	Water	3510C	
580-143635-8	MW-11D_20240905	Total/NA	Water	3510C	
MB 580-471011/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-471011/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 471012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-1	MW-4_20240905	Total/NA	Water	3510C	
580-143635-2	MW-11_20240905	Total/NA	Water	3510C	
580-143635-3	MW-12_20240905	Total/NA	Water	3510C	
580-143635-4	MW-13_20240905	Total/NA	Water	3510C	
580-143635-5	MW-23_20240905	Total/NA	Water	3510C	
MB 580-471012/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-471012/2-A	Lab Control Sample	Total/NA	Water	3510C	
580-143635-2 MS	MW-11_20240905	Total/NA	Water	3510C	
580-143635-2 MSD	MW-11_20240905	Total/NA	Water	3510C	

Analysis Batch: 471993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-1	MW-4_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-2	MW-11_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-3	MW-12_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-4	MW-13_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-5	MW-23_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-6	B1(JPHC)_20240905	Total/NA	Water	NWTPH-Dx	471011
580-143635-7	B3(JPHC)_20240905	Total/NA	Water	NWTPH-Dx	471011
580-143635-8	MW-11D_20240905	Total/NA	Water	NWTPH-Dx	471011
MB 580-471011/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	471011
MB 580-471012/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	471012
LCS 580-471011/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	471011
LCS 580-471012/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	471012
580-143635-2 MS	MW-11_20240905	Total/NA	Water	NWTPH-Dx	471012
580-143635-2 MSD	MW-11_20240905	Total/NA	Water	NWTPH-Dx	471012

Metals

Filtration Batch: 471216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-4	MW-13_20240905	Dissolved	Water	FILTRATION	
MB 580-471216/12-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 580-471216/13-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 580-471216/14-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	

Prep Batch: 471684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-4	MW-13_20240905	Dissolved	Water	3005A	471216
MB 580-471216/12-B	Method Blank	Dissolved	Water	3005A	471216
LCS 580-471216/13-B	Lab Control Sample	Dissolved	Water	3005A	471216
LCSD 580-471216/14-B	Lab Control Sample Dup	Dissolved	Water	3005A	471216

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Metals

Prep Batch: 471750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-4	MW-13_20240905	Total Recoverable	Water	3005A	
MB 580-471750/26-A	Method Blank	Total Recoverable	Water	3005A	
LCS 580-471750/27-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 580-471750/28-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 471931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143635-4	MW-13_20240905	Dissolved	Water	6020B	471684
580-143635-4	MW-13_20240905	Total Recoverable	Water	6020B	471750
MB 580-471216/12-B	Method Blank	Dissolved	Water	6020B	471684
MB 580-471750/26-A	Method Blank	Total Recoverable	Water	6020B	471750
LCS 580-471216/13-B	Lab Control Sample	Dissolved	Water	6020B	471684
LCS 580-471750/27-A	Lab Control Sample	Total Recoverable	Water	6020B	471750
LCSD 580-471216/14-B	Lab Control Sample Dup	Dissolved	Water	6020B	471684
LCSD 580-471750/28-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	471750

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Client Sample ID: MW-4_20240905
Lab Sample ID: 580-143635-1
Date Collected: 09/05/24 12:00
Matrix: Water
Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471012	JW	EET SEA	09/11/24 08:34
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/20/24 05:46

Client Sample ID: MW-11_20240905
Lab Sample ID: 580-143635-2
Date Collected: 09/05/24 12:50
Matrix: Water
Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471012	JW	EET SEA	09/11/24 08:34
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/20/24 06:06

Client Sample ID: MW-12_20240905
Lab Sample ID: 580-143635-3
Date Collected: 09/05/24 10:40
Matrix: Water
Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471012	JW	EET SEA	09/11/24 08:34
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/20/24 07:06

Client Sample ID: MW-13_20240905
Lab Sample ID: 580-143635-4
Date Collected: 09/05/24 09:25
Matrix: Water
Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471012	JW	EET SEA	09/11/24 08:34
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/20/24 07:26
Dissolved	Filtration	FILTRATION			471216	MCMS	EET SEA	09/12/24 11:00
Dissolved	Prep	3005A			471684	MCMS	EET SEA	09/17/24 11:01
Dissolved	Analysis	6020B		5	471931	FCW	EET SEA	09/18/24 18:15
Total Recoverable	Prep	3005A			471750	MCMS	EET SEA	09/17/24 16:26
Total Recoverable	Analysis	6020B		5	471931	FCW	EET SEA	09/18/24 16:17

Client Sample ID: MW-23_20240905
Lab Sample ID: 580-143635-5
Date Collected: 09/05/24 14:35
Matrix: Water
Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471012	JW	EET SEA	09/11/24 08:34
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/20/24 07:46

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Client Sample ID: B1(JPHC)_20240905

Lab Sample ID: 580-143635-6

Date Collected: 09/05/24 10:05

Matrix: Water

Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471011	JW	EET SEA	09/11/24 08:21
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/19/24 20:28

Client Sample ID: B3(JPHC)_20240905

Lab Sample ID: 580-143635-7

Date Collected: 09/05/24 08:45

Matrix: Water

Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471011	JW	EET SEA	09/11/24 08:21
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/19/24 20:48

Client Sample ID: MW-11D_20240905

Lab Sample ID: 580-143635-8

Date Collected: 09/05/24 12:50

Matrix: Water

Date Received: 09/06/24 11:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			471011	JW	EET SEA	09/11/24 08:21
Total/NA	Analysis	NWTPH-Dx		1	471993	SW	EET SEA	09/19/24 21:08

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

Method Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Method	Method Description	Protocol	Laboratory
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SEA
6020B	Metals (ICP/MS)	SW846	EET SEA
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET SEA
FILTRATION	Sample Filtration	None	EET SEA

Protocol References:

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:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Antea USA Inc.
Project/Site: BP -ARCO 980

Job ID: 580-143635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-143635-1	MW-4_20240905	Water	09/05/24 12:00	09/06/24 11:08
580-143635-2	MW-11_20240905	Water	09/05/24 12:50	09/06/24 11:08
580-143635-3	MW-12_20240905	Water	09/05/24 10:40	09/06/24 11:08
580-143635-4	MW-13_20240905	Water	09/05/24 09:25	09/06/24 11:08
580-143635-5	MW-23_20240905	Water	09/05/24 14:35	09/06/24 11:08
580-143635-6	B1(JPHC)_20240905	Water	09/05/24 10:05	09/06/24 11:08
580-143635-7	B3(JPHC)_20240905	Water	09/05/24 08:45	09/06/24 11:08
580-143635-8	MW-11D_20240905	Water	09/05/24 12:50	09/06/24 11:08

580-143635 Chain of Custody

bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path:	ARCO 980	Req Due Date (mm/dd/yy):	Standard TAT
BP/RM Facility No:	ARCO Facility No. 00980	Lab Work Order Number:	
Rush TAT Yes ____	No _X_		

Lab Name:	Test America	BP/ARC Facility Address:	10822 Roosevelt Way NE	Consultant/Contractor:	Antea Group
Lab Address:	5755 8th Street East, Tacoma, WA 98424	City, State, ZIP Code:	Seattle, WA	Consultant/Contractor Project No:	WA - 00980, Groundwater Monitoring
Lab PM:	Katie Grant	Lead Regulatory Agency:	Washington State Department of Ecology	Address:	18378-B Redmond Way, Redmond, WA
Lab Phone:	253 922 2310	California Global ID No.:	NA	Consultant/Contractor PM:	Don Wyll
Lab Shipping Accnt:	NA	Enfos Proposal No:	00C87-0002/WR1027162	Phone: 425 830 2007	Email: don.wyll@anteagroup.us
Lab Bottle Order No:	NA	Accounting Mode:	Provision _X_ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	don.wyll@anteagroup.us
Other Info:	katie.grant@et.eurofinsus.com	Stage: 70: Commercial-Site Activities	Activity: 116: Contracts Management	Invoice To:	BP-RM ____ BP/ARC _X_
BP/RM PM:	Wade Melton				
PM Phone:	360-594-7978				
PM Email:	wade.melton@bp.com				

Report Type & QC Level
- Limited (Standard) Package X
- Limited Plus Package
- Full Package

Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	BTEX by EPA 8260	MTBE by EPA 8260	EDC by EPA 8260	EDB by EPA 8011	NWTPH-Gx	NWTPH-Dx	Pb-T by EPA 6010/6020	Pb-D by EPA 6010/6020	Comments
	MW-4_20240905	9/5/24	12:00	W				G	2							X			
	MW-11_20240905	9/5/24	12:50	W				G	~~8~~ 6							X			MS/MSD
	MW-12_20240905	9/5/24	10:40	W				G	2							X			
	MW-13_20240905	9/5/24	9:25	W				G	4							X	X	X	
	MW-23_20240905	9/5/24	14:35	W				G	2							X			
	B1(JPHC)_20240905	9/5/24	10:05	W				G	2							X			

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Dennis Lindelof/Colin Dechenne	MBelloway Antea Group	9/6/24	1108	E Grover EETN	9/6/24	1108
Sampler's Company:	Antea Group						
Ship Method: Courier	Ship Date 9/6/24						
Shipment Tracking No:							

Special Instructions: lab filter for Lead samples

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: ______°F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

IR14 1.2/0.9 MB/Bub/Wet/LC

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: ARCO 980 | Req Due Date (mm/dd/yy): Standard TAT | Rush TAT Yes _____ No X

BP/RM Facility No: ARCO Facility No. 00980 | Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	10822 Roosevelt Way NE	Consultant/Contractor:	Antea Group
Lab Address:	5755 8th Street East, Tacoma, WA 98424	City, State, ZIP Code:	Seattle, WA	Consultant/Contractor Project No:	WA - 00980, Groundwater Monitoring
Lab PM:	Katie Grant	Lead Regulatory Agency:	Washington State Department of Ecology	Address:	18378-B Redmond Way, Redmond, WA
Lab Phone:	253 922 2310	California Global ID No.:	NA	Consultant/Contractor PM:	Brad Jackson
Lab Shipping Accnt:	NA	Enfos Proposal No:	00C87-0002/WR1027162	Phone: 9717770241	Email: brad.jackson@anteagroup.us
Lab Bottle Order No:	NA	Accounting Mode:	Provision ___X__ OOC-BU _____ OOC-RM _____	Send/Submit EDD to:	brad.jackson@anteagroup.us
Other Info:	katie.grant@et.eurofinsus.com	Stage: 70: Commercial-Site Activities	Activity: 116: Contracts Management	Invoice To:	BP-RM _____ BP/ARC ___X___
BP/RM PM:	Wade Melton				
PM Phone:	360-594-7978				
PM Email:	wade.melton@bp.com				

Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Filt	Pres	Analysis	BTEX by EPA 8260	MTBE by EPA 8260	EDC by EPA 8260	EDB by EPA 8011	NWTPH-Gx	NWTPH-Dx	Pb-T by EPA 6010/6020	Pb-D by EPA 6010/6020	Comments
	B3(JPHC)_20240905	9/5/24	8:45	W				G	2									X			
	~~Trip Blank~~																	X			DL
	~~Dup-1~~																	X			DL
	MW-11D_20240905	9/5/24	~~9:25~~ 12:50	W				G	2												

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
M Calloway Antea Group	9/6/24	1108	[illegible] EETA	9/6/24	1108

Sampler's Name: Demis Lindelof/Colin Decherne
Sampler's Company: Antea Group
Ship Method: Courier | Ship Date: 9/6/24
Shipment Tracking No:

Special Instructions: lab filter for Lead samples

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____°F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

IR14 1.2/0.9 MB/Bub/Wet/LC

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-143635-1

Login Number: 143635
List Number: 1
Creator: Prigge, Madison

List Source: Eurofins Seattle

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	

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471011 Batch Start Date: 09/11/24 08:21 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-471011/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-471011/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-143568-I-19		3510C, NWTPH-Dx		T	00417.10 g	00178.76 g	238.3 mL	2 mL	2 SU	n/a SU
580-143568-A-19 MS		3510C, NWTPH-Dx		T	00411.22 g	00178.88 g	232.3 mL	2 mL	2 SU	n/a SU
580-143568-A-19 MSD		3510C, NWTPH-Dx		T	00414.34 g	00178.30 g	236 mL	2 mL	2 SU	n/a SU
580-143635-A-6	B1(JPHC)_20240905	3510C, NWTPH-Dx	Water	T	00440.09 g	00179.25 g	260.8 mL	2 mL	2 SU	n/a SU
580-143635-B-7	B3(JPHC)_20240905	3510C, NWTPH-Dx	Water	T	00432.49 g	00179.51 g	253 mL	2 mL	2 SU	n/a SU
580-143635-B-8	MW-11D_20240905	3510C, NWTPH-Dx	Water	T	00435.07 g	00179.66 g	255.4 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00117			
MB 580-471011/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-471011/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-143568-I-19		3510C, NWTPH-Dx		T	n/a SU		100 uL			
580-143568-A-19 MS		3510C, NWTPH-Dx		T	n/a SU	100 uL	100 uL			
580-143568-A-19 MSD		3510C, NWTPH-Dx		T	n/a SU	100 uL	100 uL			
580-143635-A-6	B1(JPHC)_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-B-7	B3(JPHC)_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-B-8	MW-11D_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471011 Batch Start Date: 09/11/24 08:21 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3640704
Prep Solvent ID	3831381
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3840414
Analyst ID - Concentration	AA
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by: AA Reviewed by:

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471011 Batch Start Date: 09/11/24 08:21 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471012 Batch Start Date: 09/11/24 08:34 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date: 09/11/24 16:40

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-471012/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-471012/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-143635-A-1	MW-4_20240905	3510C, NWTPH-Dx	Water	T	00440.00 g	00179.22 g	260.8 mL	2 mL	2 SU	n/a SU
580-143635-B-2	MW-11_20240905	3510C, NWTPH-Dx	Water	T	00429.14 g	00179.45 g	249.7 mL	2 mL	2 SU	n/a SU
580-143635-B-2 MS	MW-11_20240905	3510C, NWTPH-Dx	Water	T	00432.69 g	00180.11 g	252.6 mL	2 mL	2 SU	n/a SU
580-143635-B-2 MSD	MW-11_20240905	3510C, NWTPH-Dx	Water	T	00429.85 g	00179.95 g	249.9 mL	2 mL	2 SU	n/a SU
580-143635-A-3	MW-12_20240905	3510C, NWTPH-Dx	Water	T	00430.81 g	00179.07 g	251.7 mL	2 mL	2 SU	n/a SU
580-143635-A-4	MW-13_20240905	3510C, NWTPH-Dx	Water	T	00438.80 g	00179.75 g	259.1 mL	2 mL	2 SU	n/a SU
580-143635-A-5	MW-23_20240905	3510C, NWTPH-Dx	Water	T	00432.30 g	00179.33 g	253 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00117			
MB 580-471012/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-471012/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-143635-A-1	MW-4_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-B-2	MW-11_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-B-2 MS	MW-11_20240905	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-143635-B-2 MSD	MW-11_20240905	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-143635-A-3	MW-12_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-A-4	MW-13_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-143635-A-5	MW-23_20240905	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471012 Batch Start Date: 09/11/24 08:34 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date: 09/11/24 16:40

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3640704
Prep Solvent ID	3831381
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3840414
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by: MJ Reviewed by: JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471012 Batch Start Date: 09/11/24 08:34 Batch Analyst: Wilson, Jacob

Batch Method: 3510C Batch End Date: 09/11/24 16:40

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471216 Batch Start Date: 09/12/24 11:00 Batch Analyst: Miller-Sermeno, Marco

Batch Method: FILTRATION Batch End Date: 09/12/24 12:40

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Final pH	InitialAmount	FinalAmount			
580-143635-D-4	MW-13_20240905	FILTRATION, 3005A, 6020B	Water	D	1 SU	100 mL	100 mL			
580-143632-F-2		FILTRATION, 3005A, 6020B		D	1 SU	200 mL	200 mL			
580-143632-F-5		FILTRATION, 3005A, 6020B		D	1 SU	200 mL	200 mL			
MB 580-471216/12		FILTRATION, 3005A, 6020B			1 SU	200 mL	200 mL			
LCS 580-471216/13		FILTRATION, 3005A, 6020B			1 SU	200 mL	200 mL			
LCSD 580-471216/14		FILTRATION, 3005A, 6020B			1 SU	200 mL	200 mL			

Batch Notes	
Pipette/Syringe/Dispenser ID	BT 13
Filter ID	1404638
Nitric Acid ID	3833517
Batch Comment	HNO3 - 12:40

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471684 Batch Start Date: 09/17/24 11:00 Batch Analyst: Miller-Sermeno, Marco

Batch Method: 3005A Batch End Date: 09/17/24 17:59

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Initial pH	InitialAmount	FinalAmount	ICP CAL 1 00036	ICP CAL 2 00035	MET Spike 3C 00063
580-143632-F-2-A		3005A, 6020B		D	1	50 mL	50 mL			
580-143632-F-2-A DU		3005A, 6020B		D	1	50 mL	50 mL			
580-143632-F-5-A		3005A, 6020B		D	1	50 mL	50 mL			
580-143632-F-5-A MS		3005A, 6020B		D	1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
580-143632-F-5-A MSD		3005A, 6020B		D	1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
580-143635-D-4-A	MW-13_20240905	3005A, 6020B	Water	D	1	50 mL	50 mL			
MB 580-471216/12-A		3005A, 6020B			1	50 mL	50 mL			
LCS 580-471216/13-A		3005A, 6020B			1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
LCSD 580-471216/14-A		3005A, 6020B			1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471684 Batch Start Date: 09/17/24 11:00 Batch Analyst: Miller-Sermeno, Marco

Batch Method: 3005A Batch End Date: 09/17/24 17:59

Batch Notes	
Hot Block ID	Block E
Thermometer ID	5317
Thermometer Location ID	E33
Uncorrected Temperature	92 Celsius
Oven, Bath or Block Temperature 1	90 Degrees C
Uncorrected Temperature 2	92 Celsius
Oven, Bath or Block Temperature 2	90 Degrees C
Lot # of hydrochloric acid	3855130
Lot # of Nitric Acid	3855532
Pipette ID	Metals Prep 2
Digestion Tube/Cup ID	3837240
First Start time	09/17/24 13:59
First End time	09/17/24 17:59
Analyst ID - Spike Witness Analyst	MM - CW
pH Paper ID	HC439975

Basis	Basis Description
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471750 Batch Start Date: 09/17/24 16:26 Batch Analyst: Miller-Sermeno, Marco

Batch Method: 3005A Batch End Date: 09/17/24 23:58

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Initial pH	InitialAmount	FinalAmount	ICP CAL 1 00036	ICP CAL 2 00035	MET Spike 3C 00063
580-143873-G-3		3005A, 6020B		R	1	50 mL	50 mL			
580-143873-G-3 DU		3005A, 6020B		R	1	50 mL	50 mL			
580-143809-A-2		3005A, 6020B		T	1	50 mL	50 mL			
580-143809-A-2 MS		3005A, 6020B		T	1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
580-143809-A-2 MSD		3005A, 6020B		T	1	50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
580-143635-C-4	MW-13_20240905	3005A, 6020B	Water	R	1	50 mL	50 mL			
MB 580-471750/26		3005A, 6020B				50 mL	50 mL			
LCS 580-471750/27		3005A, 6020B				50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL
LCSD 580-471750/28		3005A, 6020B				50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL

Batch Notes	
Hot Block ID	Block B
Thermometer ID	1027077
Thermometer Location ID	B33
Uncorrected Temperature	90 Celsius
Oven, Bath or Block Temperature 1	90.4 Degrees C
Uncorrected Temperature 2	90 Celsius
Oven, Bath or Block Temperature 2	90.4 Degrees C
Lot # of hydrochloric acid	3855130
Lot # of Nitric Acid	3855532
Pipette ID	Metals Prep 2
Digestion Tube/Cup ID	3837240
First Start time	9/17/24 19:58
First End time	9/17/24 23:58
Analyst ID - Spike Witness Analyst	MM - MG
pH Paper ID	HC439975

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143635-1

SDG No.:

Batch Number: 471750 Batch Start Date: 09/17/24 16:26 Batch Analyst: Miller-Sermeno, Marco

Batch Method: 3005A Batch End Date: 09/17/24 23:58

Basis	Basis Description
T	Total/NA
R	Total Recoverable

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.