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Subject:

Manhole 34 Facility (Consent Decree # 042014670) – 2015 Annual Site Status Report

ENVIRONMENT

Site Address: Vicinity of North 6th Street and Yakima Valley Highway, Sunnyside, Washington 98944

Date:

May 25, 2016

On behalf of BP West Coast Products, LLC. Arcadis U.S., Inc. is pleased to submit this annual summary of site activities conducted at the Manhole 34 Facility (site) in 2015. Results and findings from work completed at the site are summarized below and in the attached data tables and figures.

Contact:

Brian Marcum

Current Site Use: Retail Gas Station, Commercial and Vacant Lot

Phone:

503-220-8201 Ext. 1137

2015 Groundwater Monitoring Summary

Groundwater Monitoring Schedule: Quarterly

Email:

Brian.Marcum
@arcadis.com

Sample Methodology:

First Quarter:	No Event Conducted
Second Quarter:	No Purge Samples; Low Flow Purge and Sample
Third Quarter:	No Purge Samples; Low Flow Purge and Sample
Fourth Quarter:	No Purge Samples; Low Flow Purge and Sample

Our ref:

GP09BPNA.WA59

Non-aqueous Phase Liquid Present at Site: Yes (thicknesses listed below)

Second Quarter:	0.02 foot (MW-3), 0.74 foot (MW-4), 0.08 foot (MW-11), 0.04 foot (MW-33) and 0.15 foot (MW-42) – 4/29/2015
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Third Quarter: 0.12 foot (DMW-5), 0.06 foot (MW-3), 0.70 foot (MW-4), 0.16 foot (MW-10), 0.18 foot (MW-11) and 0.17 foot (MW-42) – 8/3/2015

Fourth Quarter: 0.05 foot (DMW-5), 0.07 foot (MW-3), 0.67 foot (MW-4), 0.03 foot (MW-10), 0.15 foot (MW-11), 0.08 foot (MW-42) – 11/2/2015

**Site Constituents of Concern above Model Toxics Control Act Method A
Cleanup Levels during reporting period:**

- Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics: Second Quarter (Q2) – MH-34, Third Quarter (Q3) – DMW-5, MW-30 and MW-40; Fourth Quarter (Q4) – MW-40
- TPH as Diesel Range Organics: Q2 – MH-34 and MW-41; Q3 – DMW-5, MW-30 and MH-34; Q4 – MH-34
- TPH as Heavy Oil Range Organics: Q2 – MH-34; Q3 – MW-30 and MH-34; Q4 – MH-32, MH-33 and MH-34
- Benzene : Q2 – MW-40; Q3 – DMW-4, DMW-5, MW-30, MW-40 and MW-41; Q4 – MW-39, MW-40 and MW-41
- Ethylbenzene : Q3 – DMW-5 and MW-30
- Total Xylenes : Q3 – DMW-5 and MW-30

Observed Depth to Water per Event:

First Quarter: No Event Conducted

Second Quarter: 5.36 (MW-33) to 9.31 (MW-27) feet below top of casing (btoc) – 4/29/2015

Third Quarter: 5.81 (MW-29) to 9.55 (MW-27) feet btoc – 8/3/2015

Fourth Quarter: 5.78 (MW-41) to 9.54 (MW-27) feet btoc – 11/2/2015

Groundwater Elevations and Flow Direction:

<u>Event</u>	<u>Elevation Range</u>	<u>Interpreted Groundwater Flow Direction</u>
First Quarter:	No Event Conducted	
Second Quarter:	738.00 (MW-20) to 743.78 (MW-39) feet above North American Vertical Datum 1988 (NAVD 88)	South West
Third Quarter:	737.55 (MW-20) to 743.10 (MW-41)	South West
Fourth Quarter:	737.79 (MW-27) to 743.34 (MW-39)	South West

Manhole 34 Facility
May 25, 2016

2015 Additional Site Activities

No additional activities were conducted at the Site in 2015.

If you have any questions please contact Brian Marcum at 503-220-8201 x1137
or Brian.Marcum@arcadis.com.

Sincerely,

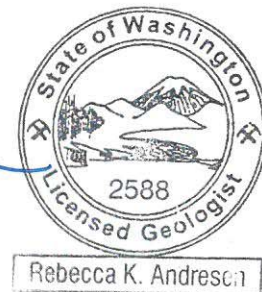
Arcadis U.S., Inc.



Brian Marcum
Project Manager



Rebecca Andresen, L.G.
Associate Vice President



Copies:

Chevron Environmental Management Company
Time Oil Company (TOC) Holding Company
Pacific Convenience & Fuels LLC
Tire Centers, Inc.
Estate of Robert C. Mathias
Marie E. Thompson
LaVon I. Phillip

Manhole 34
Facility May 25,
2016

Enclosures:

Table

Table 1 Groundwater Gauging Data and Select Analytical Results

Figures

Figure 1 Site Location Map

Figure 2 Groundwater Contour Map with Analytical Results April 29-30, 2015

Figure 3 Groundwater Contour Map with Analytical Results August 3-4, 2015

Figure 4 Groundwater Contour Map with Analytical Results November 2-3,
2015

Figure 5 Groundwater Flow Direction Rose Diagram

Attachments

Attachment A Groundwater Monitoring Field Data Sheets

Attachment B Laboratory Report and Chain-of-Custody Documentation

TABLE



**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
DMW-1	4/8/1989		744.92	5.57	--	739.35	--	--	--	--	--	--	--
DMW-1	4/19/1989		744.92	5.64	--	739.28	--	--	--	--	--	--	--
DMW-1	8/21/1989		744.92	6.19	--	738.73	--	--	--	--	--	--	--
DMW-1	10/19/1989		744.92	5.93	--	738.99	--	--	--	--	--	--	--
DMW-1	11/8/1989		744.92	5.99	--	738.93	--	--	--	--	--	--	--
DMW-1	11/29/1989		744.92	5.97	--	738.95	--	--	--	--	--	--	--
DMW-1	1/29/1992		744.92	5.97	--	738.95	--	--	--	--	--	--	--
DMW-1	7/24/1992		744.92	5.97	--	738.95	--	--	--	--	--	--	--
DMW-1	11/30/1993		744.92	6.29	--	738.63	--	--	--	--	--	--	--
DMW-1	4/26/1994		744.92	5.91	--	739.01	--	--	--	--	--	--	--
DMW-1	11/15/2001	(Well apparently paved over following 1994 event)	744.92	--	--	--	--	--	--	--	--	--	--
DMW-1	9/9/2002	(Well located September 2002 event; viable)	744.92	6.27	--	738.65	--	--	--	--	--	--	--
DMW-1	11/18/2002		744.92	6.03	--	738.89	--	--	--	--	--	--	--
DMW-1	1/27/2003		744.92	5.46	--	739.46	--	--	--	--	--	--	--
DMW-1	4/15/2003		744.92	5.56	--	739.36	--	--	--	--	--	--	--
DMW-1	7/29/2003		744.92	6.24	--	738.68	--	--	--	--	--	--	--
DMW-1	10/6/2003		744.92	6.23	--	738.69	--	--	--	--	--	--	--
DMW-1	2/16/2004		744.92	5.54	--	739.38	--	--	--	--	--	--	--
DMW-1	5/24/2004		744.92	5.74	--	739.18	--	--	--	--	--	--	--
DMW-1	8/9/2004		744.92	5.91	--	739.01	--	--	--	--	--	--	--
DMW-1	11/1/2004		744.92	5.92	--	739.00	--	--	--	--	--	--	--
DMW-1	2/28/2005		744.92	6.13	--	738.79	--	--	--	--	--	--	--
DMW-1	5/24/2005		744.92	6.20	--	738.72	--	--	--	--	--	--	--
DMW-1	8/15/2005		744.92	6.57	--	738.35	--	--	--	--	--	--	--
DMW-1	10/24/2005		744.92	6.28	--	738.64	--	--	--	--	--	--	--
DMW-1	4/24/2006		744.92	5.92	--	739.00	--	--	--	--	--	--	--
DMW-1	8/28/2006		744.92	6.50	--	738.42	--	--	--	--	--	--	--
DMW-1	10/16/2006	(Well monument replaced)	744.92	6.61	--	738.31	--	--	--	--	--	--	--
DMW-1	12/4/2006	(Surveyed)	748.29	7.01	--	741.28	--	--	--	--	--	--	--
DMW-1	3/26/2007		748.29	6.74	--	741.55	--	--	--	--	--	--	--
DMW-1	5/15/2007		748.29	6.61	--	741.68	--	--	--	--	--	--	--
DMW-1	9/18/2007		748.29	7.01	--	741.28	--	--	--	--	--	--	--
DMW-1	12/11/2007		748.29	6.40	--	741.89	--	--	--	--	--	--	--
DMW-1	3/25/2008		748.29	6.64	--	741.65	--	--	--	--	--	--	--
DMW-1	5/27/2008		748.29	6.63	--	741.66	--	--	--	--	--	--	--
DMW-1	8/19/2008		748.29	6.81	--	741.48	--	--	--	--	--	--	--
DMW-1	2/10/2009		748.29	6.83	--	741.46	--	--	--	--	--	--	--
DMW-1	5/19/2009		748.29	6.81	--	741.48	--	--	--	--	--	--	--
DMW-1	8/4/2009		748.29	7.09	--	741.20	--	--	--	--	--	--	--
DMW-1	11/10/2009		748.29	6.95	--	741.34	--	--	--	--	--	--	--
DMW-1	11/18/2009		748.29	6.80	--	741.49	--	--	--	--	--	--	--
DMW-1	2/16/2010		748.41	6.26	--	742.15	--	--	--	--	--	--	--
DMW-1	6/30/2010		748.41	6.57	--	741.84	--	--	--	--	--	--	--
DMW-1	8/1/2010		748.41	6.85	--	741.56	--	--	--	--	--	--	--
DMW-1	11/11/2010		748.41	6.64	--	741.77	--	--	--	--	--	--	--
DMW-1	2/15/2011		748.41	6.40	--	742.01	--	--	--	--	--	--	--
DMW-1	9/12/2011		748.41	6.66	0.0	741.75	--	--	--	--	--	--	--
DMW-1	10/3/2012		748.41	6.71	--	741.70	--	--	--	--	--	--	--
DMW-1	4/7/2014		748.41	6.57	0.0	741.84	--	--	--	--	--	--	--
DMW-1	4/29/2015	(NS)	748.41	6.48	0.0	741.93	--	--	--	--	--	--	--
DMW-1	8/3/2015	(NS)	748.41	7.08	0.0	741.33	--	--	--	--	--	--	--
DMW-1	11/2/2015	(NS)	748.41	6.92	0.0	741.49	--	--	--	--	--	--	--
DMW-1	2/8/2016	(NS)	748.41	6.12	0.0	742.29	--	--	--	--	--	--	--
DMW-2	4/8/1989		745.07	6.24	--	738.83	--	--	--	--	--	--	--
DMW-2	4/19/1989		745.07	6.32	--	738.75	--	--	--	--	--	--	--
DMW-2	8/21/1989		745.07	6.24	--	738.83	--	--	--	--	--	--	--
DMW-2	10/19/1989		745.07	6.79	--	738.28	--	--	--	--	--	--	--
DMW-2	11/8/1989		745.07	6.74	--	738.33	--	--	--	--	--	--	--
DMW-2	11/29/1989		745.07	6.77	--	738.30	--	--	--	--	--	--	--
DMW-2	1/29/1992		745.07	6.33	--	738.74	--	--	--	--	--	--	--
DMW-2	7/24/1992		745.07	6.50	--	738.57	--	--	--	--	--	--	--
DMW-2	11/30/1993		745.07	6.80	0.01	738.28	--	--	--	--	--	--	--
DMW-2	4/26/1994	(Well paved over following 1994 event)	745.07	6.53	--	738.54	--	--	--	--	--	--	--
DMW-2	11/15/2001		745.07	7.35	--	737.72	--	--	--	--	--	--	--
DMW-2	4/3/2002	(Well repaired in November 2001)	745.07	7.16	--	737.91	--	--	--	--	--	--	--
DMW-2	9/9/2002		745.07	7.28	--	737.79	--	--	--	--	--	--	--
DMW-2	11/18/2002		745.07	7.14	--	737.93	--	--	--	--	--	--	--
DMW-2	1/27/2003		745.07	6.63	--	738.44	--	--	--	--	--	--	--
DMW-2	4/15/2003		745.07	6.74	--	738.33	--	--	--	--	--	--	--

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Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
DMW-2	7/29/2003		745.07	7.28	--	737.79	--	--	--	--	--	--	--
DMW-2	10/6/2003		745.07	7.29	--	737.78	--	--	--	--	--	--	--
DMW-2	2/16/2004		745.07	6.71	--	738.36	--	--	--	--	--	--	--
DMW-2	5/24/2004		745.07	6.88	--	738.19	--	--	--	--	--	--	--
DMW-2	8/9/2004		745.07	7.02	--	738.05	--	--	--	--	--	--	--
DMW-2	11/1/2004		745.07	7.08	--	737.99	--	--	--	--	--	--	--
DMW-2	2/28/2005		745.07	7.21	--	737.86	--	--	--	--	--	--	--
DMW-2	5/24/2005		745.07	7.21	--	737.86	--	--	--	--	--	--	--
DMW-2	8/15/2005		745.07	7.51	--	737.56	--	--	--	--	--	--	--
DMW-2	10/24/2005		745.07	7.29	--	737.78	--	--	--	--	--	--	--
DMW-2	4/24/2006		745.07	7.05	--	738.02	--	--	--	--	--	--	--
DMW-2	8/28/2006		745.07	7.55	--	737.52	--	--	--	--	--	--	--
DMW-2	10/16/2006		745.07	7.62	--	737.45	--	--	--	--	--	--	--
DMW-2	12/4/2006		745.07	7.63	--	737.44	--	--	--	--	--	--	--
DMW-2	3/26/2007		745.07	7.29	--	737.78	--	--	--	--	--	--	--
DMW-2	5/15/2007		745.07	7.21	--	737.86	--	--	--	--	--	--	--
DMW-2	9/18/2007		745.07	7.51	--	737.56	--	--	--	--	--	--	--
DMW-2	12/11/2007		745.07	7.06	--	738.01	--	--	--	--	--	--	--
DMW-2	3/25/2008		745.07	7.21	--	737.86	--	--	--	--	--	--	--
DMW-2	5/27/2008		745.07	7.30	--	737.77	--	--	--	--	--	--	--
DMW-2	8/19/2008		745.07	7.47	--	737.60	--	--	--	--	--	--	--
DMW-2	11/18/2008		745.07	7.43	--	737.64	--	--	--	--	--	--	--
DMW-2	2/10/2009		745.07	7.45	--	737.62	--	--	--	--	--	--	--
DMW-2	5/19/2009		745.07	7.50	--	737.57	--	--	--	--	--	--	--
DMW-2	8/4/2009		745.07	7.71	--	737.36	--	--	--	--	--	--	--
DMW-2	11/10/2009		745.07	7.70	--	737.37	--	--	--	--	--	--	--
DMW-2	2/16/2010		748.08	7.10	--	740.98	--	--	--	--	--	--	--
DMW-2	6/30/2010		748.08	7.41	--	740.67	--	--	--	--	--	--	--
DMW-2	8/11/2010	(NM)	748.08	--	--	--	--	--	--	--	--	--	--
DMW-2	11/11/2010		748.08	7.53	--	--	--	--	--	--	--	--	--
DMW-2	2/15/2011		748.08	7.35	--	740.73	--	--	--	--	--	--	--
DMW-2	10/3/2012		748.08	7.47	--	740.61	--	--	--	--	--	--	--
DMW-2	4/7/2014		748.08	7.30	0.0	740.78	--	--	--	--	--	--	--
DMW-2	11/19/2014	(NS)	748.08	7.23	0.0	740.85	--	--	--	--	--	--	--
DMW-2	4/29/2015	(NS)	748.08	7.18	0.0	740.90	--	--	--	--	--	--	--
DMW-2	8/3/2015	(LFP)	748.08	7.63	0.0	740.45	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
DMW-2	2/8/2016	(NS)	748.08	6.91	0.0	741.17	--	--	--	--	--	--	--
DMW-3	4/8/1989		745.68	6.45	--	739.23	--	--	--	--	--	--	--
DMW-3	4/19/1989		745.68	6.47	--	739.21	--	--	--	--	--	--	--
DMW-3	8/21/1989		745.68	6.68	--	739.00	--	--	--	--	--	--	--
DMW-3	10/19/1989		745.68	6.61	--	739.07	--	--	--	--	--	--	--
DMW-3	11/8/1989		745.68	6.65	--	739.03	--	--	--	--	--	--	--
DMW-3	11/29/1989		745.68	6.67	--	739.01	--	--	--	--	--	--	--
DMW-3	1/29/1992		745.68	6.18	--	739.50	--	--	--	--	--	--	--
DMW-3	7/24/1992		745.68	6.40	--	739.28	--	--	--	--	--	--	--
DMW-3	11/30/1993		745.68	6.84	--	738.84	--	--	--	--	--	--	--
DMW-3	4/26/1994		745.68	6.50	--	739.18	--	--	--	--	--	--	--
DMW-3	6/8/2001	(Well not located)	745.68	--	--	--	--	--	--	--	--	--	--
DMW-3	11/15/2001		745.68	6.70	--	738.98	--	--	--	--	--	--	--
DMW-3	4/3/2002	(Well located during November 2001 event; viable)	745.68	6.55	--	739.13	--	--	--	--	--	--	--
DMW-3	9/9/2002		745.68	6.68	--	739.00	--	--	--	--	--	--	--
DMW-3	11/18/2002		745.68	6.48	--	739.20	--	--	--	--	--	--	--
DMW-3	1/27/2003		745.68	5.81	--	739.87	--	--	--	--	--	--	--
DMW-3	4/15/2003		745.68	6.01	--	739.67	--	--	--	--	--	--	--
DMW-3	7/29/2003		745.68	6.67	--	739.01	--	--	--	--	--	--	--
DMW-3	10/6/2003		745.68	6.66	--	739.02	--	--	--	--	--	--	--
DMW-3	2/16/2004		745.68	5.98	--	739.70	--	--	--	--	--	--	--
DMW-3	5/24/2004		745.68	6.16	--	739.52	--	--	--	--	--	--	--
DMW-3	8/9/2004		745.68	6.35	--	739.33	--	--	--	--	--	--	--
DMW-3	11/1/2004		745.68	6.34	--	739.34	--	--	--	--	--	--	--
DMW-3	2/28/2005		745.68	6.42	--	739.26	--	--	--	--	--	--	--
DMW-3	5/24/2005		745.68	6.48	--	739.20	--	--	--	--	--	--	--
DMW-3	8/15/2005		745.68	6.92	--	738.76	--	--	--	--	--	--	--
DMW-3	10/24/2005		745.68	6.59	--	739.09	--	--	--	--	--	--	--
DMW-3	4/24/2006	(Well maintenance done)	745.68	6.27	0.01	739.42	--	--	--	--	--	--	--
DMW-3	8/28/2006		745.68	6.90	--	738.78	--	--	--	--	--	--	--
DMW-3	10/16/2006	(Well monument replaced)	745.68	7.02	--	738.66	--	--	--	--	--	--	--
DMW-3	12/4/2006	(Surveyed)	747.73	7.25	--	740.48	--	--	--	--	--	--	--
DMW-3	3/26/2007		747.73	6.97	--	740.76	--	--	--	--	--	--	--
DMW-3	5/15/2007		747.73	6.81	--	740.92	--	--	--	--	--	--	--
DMW-3	9/18/2007		747.73	7.22	--	740.51	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
DMW-3	12/11/2007		747.73	6.58	--	741.15	--	--	--	--	--	--	--
DMW-3	3/25/2008		747.73	6.81	--	740.92	--	--	--	--	--	--	--
DMW-3	5/27/2008		747.73	6.72	--	741.01	--	--	--	--	--	--	--
DMW-3	8/19/2008		747.73	7.04	--	740.69	--	--	--	--	--	--	--
DMW-3	2/10/2009		747.73	7.00	--	740.73	--	--	--	--	--	--	--
DMW-3	5/19/2009		747.73	7.02	--	740.71	--	--	--	--	--	--	--
DMW-3	8/4/2009		747.73	7.35	--	740.38	--	--	--	--	--	--	--
DMW-3	11/10/2009		747.73	7.11	--	740.62	--	--	--	--	--	--	--
DMW-3	11/18/2009		747.73	6.98	--	740.75	--	--	--	--	--	--	--
DMW-3	2/16/2010		748.97	6.42	--	742.55	--	--	--	--	--	--	--
DMW-3	6/30/2010		748.97	6.73	--	742.24	--	--	--	--	--	--	--
DMW-3	8/11/2010		748.97	7.05	--	741.92	--	--	--	--	--	--	--
DMW-3	11/11/2010		748.97	6.80	--	742.17	--	--	--	--	--	--	--
DMW-3	2/15/2011		748.97	6.51	0.01	742.46	--	--	--	--	--	--	--
DMW-3	9/12/2011		748.97	6.81	0.0	742.16	--	--	--	--	--	--	--
DMW-3	10/3/2012		748.97	6.94	--	742.03	--	--	--	--	--	--	--
DMW-3	4/7/2014		748.97	6.82	0.0	742.15	--	--	--	--	--	--	--
DMW-3	11/19/2014	(NS)	748.97	6.74	0.0	742.23	--	--	--	--	--	--	--
DMW-3	4/29/2015	(NS)	748.97	6.72	0.0	742.25	--	--	--	--	--	--	--
DMW-3	8/3/2015	(NS)	748.97	7.31	0.0	741.66	--	--	--	--	--	--	--
DMW-3	11/2/2015	(NS)	748.97	7.20	0.0	741.77	--	--	--	--	--	--	--
DMW-3	2/8/2016	(NS)	748.97	6.28	0.0	742.69	--	--	--	--	--	--	--
DMW-4	4/8/1989		744.05	6.61	--	737.44	--	--	--	--	--	--	--
DMW-4	4/19/1989		744.05	5.62	--	738.43	--	--	--	--	--	--	--
DMW-4	8/21/1989		744.05	6.63	0.80	738.02	--	--	--	--	--	--	--
DMW-4	10/29/1989		744.05	6.30	--	737.75	--	--	--	--	--	--	--
DMW-4	1/29/1992		744.05	6.02	0.26	738.22	--	--	--	--	--	--	--
DMW-4	7/24/1992		744.05	6.10	0.37	738.23	--	--	--	--	--	--	--
DMW-4	11/30/1993		744.05	6.53	0.43	737.84	--	--	--	--	--	--	--
DMW-4	4/26/1994		744.05	6.11	0.37	738.22	--	--	--	--	--	--	--
DMW-4	3/16/1999		744.05	5.95	0.24	738.28	--	--	--	--	--	--	--
DMW-4	6/8/2001		744.05	6.47	0.45	737.92	--	--	--	--	--	--	--
DMW-4	11/15/2001		744.05	6.45	0.25	737.79	--	--	--	--	--	--	--
DMW-4	4/3/2002		744.05	6.13	0.01	737.93	--	--	--	--	--	--	--
DMW-4	9/9/2002		744.05	6.41	0.38	737.92	--	--	--	--	--	--	--
DMW-4	11/18/2002		744.05	6.25	0.33	738.05	--	--	--	--	--	--	--
DMW-4	1/27/2003		744.05	5.67	0.65	738.87	--	--	--	--	--	--	--
DMW-4	4/15/2003		744.05	5.66	0.18	738.53	--	--	--	--	--	--	--
DMW-4	7/29/2003		744.05	6.67	0.55	737.79	--	--	--	--	--	--	--
DMW-4	10/6/2003		744.05	6.49	0.44	737.89	--	--	--	--	--	--	--
DMW-4	2/16/2004		744.05	5.62	0.17	738.56	--	--	--	--	--	--	--
DMW-4	5/24/2004		744.05	5.92	0.15	738.24	--	--	--	--	--	--	--
DMW-4	8/9/2004		744.05	6.02	0.18	738.16	--	--	--	--	--	--	--
DMW-4	11/1/2004		744.05	6.17	0.26	738.08	--	--	--	--	--	--	--
DMW-4	2/28/2005		744.05	6.66	0.36	737.66	--	--	--	--	--	--	--
DMW-4	5/24/2005		744.05	6.51	0.34	737.79	--	--	--	--	--	--	--
DMW-4	8/15/2005		744.05	6.54	0.20	737.66	--	--	--	--	--	--	--
DMW-4	10/24/2005		744.05	6.29	0.16	737.88	--	--	--	--	--	--	--
DMW-4	4/26/2006	(Strong hydrocarbon odor.)	744.05	12.46	--	731.59	--	--	--	--	--	--	--
DMW-4	8/29/2006		744.05	6.45	0.09	737.67	--	--	--	--	--	--	--
DMW-4	10/16/2006	(Well monument replaced)	744.05	6.70	0.15	737.46	--	--	--	--	--	--	--
DMW-4	12/5/2006	(Surveyed)	749.28	7.15	0.15	742.24	--	--	--	--	--	--	--
DMW-4	3/28/2007		749.28	6.71	0.02	738.98	--	--	--	--	--	--	--
DMW-4	5/17/2007		749.28	6.55	0.02	739.15	--	--	--	--	--	--	--
DMW-4	9/19/2007		749.28	6.79	--	738.89	--	--	--	--	--	--	--
DMW-4	12/12/2007		749.28	6.35	--	739.33	--	--	--	--	--	--	--
DMW-4	3/26/2008		749.28	6.50	--	739.18	--	--	--	--	--	--	--
DMW-4	5/28/2008		749.28	6.63	--	739.05	--	--	--	--	--	--	--
DMW-4	8/20/2008		749.28	6.79	--	738.89	--	--	--	--	--	--	--
DMW-4	2/11/2009		749.28	6.74	--	738.94	--	--	--	--	--	--	--
DMW-4	5/20/2009		749.28	6.68	--	739.00	--	--	--	--	--	--	--
DMW-4	8/5/2009		749.28	6.86	--	738.82	--	--	--	--	--	--	--
DMW-4	11/11/2009		749.28	6.93	--	738.75	--	--	--	--	--	--	--
DMW-4	11/19/2009		749.28	6.77	--	738.91	--	--	--	--	--	--	--
DMW-4	2/17/2010		747.40	6.34	--	741.06	--	--	--	--	--	--	--
DMW-4	6/30/2010		747.40	6.65	--	740.75	--	--	--	--	--	--	--
DMW-4	8/11/2010	(NM)	747.40	--	--	--	--	--	--	--	--	--	--
DMW-4	11/11/2010		747.40	--	--	--	--	--	--	--	--	--	--
DMW-4	2/17/2011		747.40	6.81	--	740.59	--	--	--	--	--	--	--
DMW-4	10/3/2012		747.40	6.68	--	740.72	--	--	--	--	--	--	--
DMW-4	4/8/2014		747.40	6.46	0.0	740.94	--	--	--	--	--	--	--
DMW-4	11/19/2014	(NS)	747.40	6.36	0.0	741.04	--	--	--	--	--	--	--
DMW-4	4/29/2015	(NS)	747.40	6.29	0.0	741.11	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
DMW-4	8/3/2015	(LFP)	747.40	6.62	0.0	740.78	200(J)	64(J)	<67	10	<0.50	9.8	16
DMW-4	11/2/2015	(NS)	747.40	6.55	0.0	740.85	--	--	--	--	--	--	--
DMW-4	2/8/2016	(NS)	747.40	6.02	0.0	741.38	--	--	--	--	--	--	--
DMW-5	10/19/1989	(Product observed)	745.31	--	--	--	--	--	--	--	--	--	--
DMW-5	11/8/1989		745.31	7.60	1.78	739.04	--	--	--	--	--	--	--
DMW-5	11/29/1989		745.31	7.67	1.65	738.88	--	--	--	--	--	--	--
DMW-5	12/19/1989		745.31	7.74	1.63	738.79	--	--	--	--	--	--	--
DMW-5	1/29/1992		745.31	6.15	0.42	739.47	--	--	--	--	--	--	--
DMW-5	7/24/1992		745.31	7.59	2.01	739.23	--	--	--	--	--	--	--
DMW-5	11/30/1993		745.31	7.63	1.47	738.78	--	--	--	--	--	--	--
DMW-5	4/26/1994		745.31	6.99	1.06	739.11	--	--	--	--	--	--	--
DMW-5	3/16/1999		745.31	6.41	0.52	739.29	--	--	--	--	--	--	--
DMW-5	6/8/2001		745.31	6.65	0.60	739.11	--	--	--	--	--	--	--
DMW-5	11/15/2001		745.31	7.00	0.75	738.87	--	--	--	--	--	--	--
DMW-5	4/3/2002		745.31	6.69	0.60	739.07	--	--	--	--	--	--	--
DMW-5	9/9/2002		745.31	6.20	0.06	739.16	--	--	--	--	--	--	--
DMW-5	11/18/2002		745.31	6.63	0.61	739.14	--	--	--	--	--	--	--
DMW-5	1/27/2003		745.31	5.68	0.22	739.79	--	--	--	--	--	--	--
DMW-5	4/15/2003		745.31	5.85	0.21	739.62	--	--	--	--	--	--	--
DMW-5	7/29/2003		745.31	6.64	0.36	738.94	--	--	--	--	--	--	--
DMW-5	10/6/2003		745.31	6.56	0.27	738.95	--	--	--	--	--	--	--
DMW-5	2/16/2004		745.31	5.86	0.25	739.64	--	--	--	--	--	--	--
DMW-5	5/24/2004		745.31	5.96	0.18	739.48	--	--	--	--	--	--	--
DMW-5	8/9/2004		745.31	6.25	0.27	739.26	--	--	--	--	--	--	--
DMW-5	11/1/2004		745.31	6.21	0.23	739.27	--	--	--	--	--	--	--
DMW-5	2/28/2005		745.31	6.33	0.23	739.15	--	--	--	--	--	--	--
DMW-5	5/24/2005		745.31	6.34	0.18	739.10	--	--	--	--	--	--	--
DMW-5	8/15/2005		745.31	6.94	0.39	738.66	--	--	--	--	--	--	--
DMW-5	10/24/2005		745.31	6.50	0.24	738.99	--	--	--	--	--	--	--
DMW-5	4/24/2006		745.31	5.95	--	739.36	--	--	--	--	--	--	--
DMW-5	8/28/2006		745.31	6.86	0.34	738.71	--	--	--	--	--	--	--
DMW-5	10/16/2006	(Well monument replaced)	745.31	7.16	0.57	738.58	--	--	--	--	--	--	--
DMW-5	12/4/2006	(Surveyed)	748.05	7.14	0.22	741.08	--	--	--	--	--	--	--
DMW-5	3/26/2007		748.05	6.69	--	737.36	--	--	--	--	--	--	--
DMW-5	5/15/2007		748.05	6.54	--	737.51	--	--	--	--	--	--	--
DMW-5	9/18/2007		748.05	6.81	--	737.24	--	--	--	--	--	--	--
DMW-5	12/11/2007		748.05	6.32	--	737.73	--	--	--	--	--	--	--
DMW-5	3/25/2008		748.05	6.67	0.01	737.39	--	--	--	--	--	--	--
DMW-5	5/27/2008		748.05	6.48	--	737.57	--	--	--	--	--	--	--
DMW-5	8/19/2008		748.05	6.73	--	737.32	--	--	--	--	--	--	--
DMW-5	2/10/2009		748.05	6.76	0.02	737.29	--	--	--	--	--	--	--
DMW-5	5/19/2009		748.05	6.77	0.02	737.29	--	--	--	--	--	--	--
DMW-5	8/4/2009		748.05	7.34	0.32	736.95	--	--	--	--	--	--	--
DMW-5	11/10/2009		748.05	6.82	0.02	737.24	--	--	--	--	--	--	--
DMW-5	11/18/2009		748.05	6.73	0.02	737.34	--	--	--	--	--	--	--
DMW-5	2/16/2010		748.64	6.32	--	742.32	--	--	--	--	--	--	--
DMW-5	7/1/2010		748.64	6.63	0.05	742.01	--	--	--	--	--	--	--
DMW-5	8/11/2010		748.64	6.92	0.16	741.72	--	--	--	--	--	--	--
DMW-5	11/11/2010		748.64	6.61	0.09	742.03	--	--	--	--	--	--	--
DMW-5	2/15/2011		748.64	6.31	--	742.33	--	--	--	--	--	--	--
DMW-5	9/12/2011		748.64	6.57	0.01	742.07	--	--	--	--	--	--	--
DMW-5	10/3/2012		748.64	6.66	--	741.98	--	--	--	--	--	--	--
DMW-5	4/7/2014		748.64	6.55	0.0	742.09	--	--	--	--	--	--	--
DMW-5	11/19/2014	(NS)	748.64	6.44	0.0	742.20	--	--	--	--	--	--	--
DMW-5	4/29/2015	(NS)	748.64	6.50	0.0	742.14	--	--	--	--	--	--	--
DMW-5	8/3/2015	(LFP, NAPL)	748.64	7.14	0.12	741.60	13,000	2,100	<67	1,700	80	1,100	2,500
DMW-5	11/2/2015	(NAPL)	748.64	6.89	0.05	741.79	--	--	--	--	--	--	--
DMW-5	2/8/2016	(NS)	748.64	6.09	0.0	742.55	--	--	--	--	--	--	--
DMW-6	10/19/1989	(Product observed)	745.31	--	--	--	--	--	--	--	--	--	--
DMW-6	11/8/1989		745.31	6.56	--	738.75	--	--	--	--	--	--	--
DMW-6	11/29/1989		745.31	6.61	--	738.70	--	--	--	--	--	--	--
DMW-6	12/19/1989		745.31	6.70	--	738.61	--	--	--	--	--	--	--
DMW-6	1/29/1992		745.31	6.22	--	739.09	--	--	--	--	--	--	--
DMW-6	7/24/1992		745.31	6.38	--	738.93	--	--	--	--	--	--	--
DMW-6	11/30/1993		745.31	6.82	--	738.49	--	--	--	--	--	--	--
DMW-6	4/26/1994		745.31	6.44	--	738.87	--	--	--	--	--	--	--
DMW-6	6/7/2001		745.31	6.48	--	738.83	--	--	--	--	--	--	--
DMW-6	11/15/2001		745.31	6.42	--	738.89	--	--	--	--	--	--	--
DMW-6	4/3/2002		745.31	6.55	--	738.76	--	--	--	--	--	--	--
DMW-6	9/9/2002		745.31	6.71	--	738.60	--	--	--	--	--	--	--
DMW-6	11/18/2002		745.31	6.51	--	738.80	--	--	--	--	--	--	--
DMW-6	1/27/2003		745.31	5.91	--	739.40	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
DMW-6	4/15/2003		745.31	6.03	--	739.28	--	--	--	--	--	--	--
DMW-6	7/29/2003		745.31	6.69	--	738.62	--	--	--	--	--	--	--
DMW-6	10/6/2003		745.31	6.67	--	738.64	--	--	--	--	--	--	--
DMW-6	2/16/2004		745.31	6.01	--	739.30	--	--	--	--	--	--	--
DMW-6	5/24/2004		745.31	6.21	--	739.10	--	--	--	--	--	--	--
DMW-6	8/9/2004		745.31	6.38	--	738.93	--	--	--	--	--	--	--
DMW-6	11/1/2004		745.31	6.38	--	738.93	--	--	--	--	--	--	--
DMW-6	2/28/2005		745.31	6.56	--	738.75	--	--	--	--	--	--	--
DMW-6	5/24/2005		745.31	6.58	--	738.73	--	--	--	--	--	--	--
DMW-6	8/15/2005		745.31	6.98	--	738.33	--	--	--	--	--	--	--
DMW-6	10/24/2005		745.31	6.67	--	738.64	--	--	--	--	--	--	--
DMW-6	4/24/2006		745.31	6.34	--	738.97	--	--	--	--	--	--	--
DMW-6	8/28/2006		745.31	6.94	--	738.37	--	--	--	--	--	--	--
DMW-6	10/16/2006	(Well monument replaced)	745.31	6.04	--	739.27	--	--	--	--	--	--	--
DMW-6	12/4/2006	(Surveyed)	748.12	7.30	--	740.82	--	--	--	--	--	--	--
DMW-6	3/26/2007		748.12	6.99	--	741.13	--	--	--	--	--	--	--
DMW-6	5/15/2007		748.12	6.85	--	741.27	--	--	--	--	--	--	--
DMW-6	9/18/2007		748.12	7.24	--	740.88	--	--	--	--	--	--	--
DMW-6	12/11/2007		748.12	6.66	--	741.46	--	--	--	--	--	--	--
DMW-6	3/25/2008		748.12	6.88	--	741.24	--	--	--	--	--	--	--
DMW-6	5/27/2008		748.12	6.89	--	741.23	--	--	--	--	--	--	--
DMW-6	8/19/2008		748.12	7.09	--	741.03	--	--	--	--	--	--	--
DMW-6	2/10/2009		748.12	7.07	--	741.05	--	--	--	--	--	--	--
DMW-6	5/19/2009		748.12	7.05	--	741.07	--	--	--	--	--	--	--
DMW-6	8/4/2009		748.12	7.34	--	740.78	--	--	--	--	--	--	--
DMW-6	11/10/2009		748.12	7.23	--	740.89	--	--	--	--	--	--	--
DMW-6	11/18/2009		748.12	7.06	--	741.06	--	--	--	--	--	--	--
DMW-6	2/16/2010		748.57	6.55	--	742.02	--	--	--	--	--	--	--
DMW-6	6/30/2010		748.57	6.86	--	741.71	--	--	--	--	--	--	--
DMW-6	8/11/2010		748.57	7.13	--	741.44	--	--	--	--	--	--	--
DMW-6	11/11/2010		748.57	6.93	--	741.64	--	--	--	--	--	--	--
DMW-6	2/15/2011		748.57	6.71	--	741.86	--	--	--	--	--	--	--
DMW-6	9/12/2011		748.57	6.65	0.0	741.92	--	--	--	--	--	--	--
DMW-6	10/3/2012		748.57	6.99	--	741.58	--	--	--	--	--	--	--
DMW-6	4/7/2014		748.57	6.85	0.0	741.72	--	--	--	--	--	--	--
DMW-6	11/19/2014	(NS)	748.57	6.73	0.0	741.84	--	--	--	--	--	--	--
DMW-6	4/29/2015	(NS)	748.57	6.74	0.0	741.83	--	--	--	--	--	--	--
DMW-6	8/3/2015	(NS)	748.57	7.26	0.0	741.31	--	--	--	--	--	--	--
DMW-6	11/2/2015	(NS)	748.57	7.23	0.0	741.34	--	--	--	--	--	--	--
DMW-6	2/8/2016	(NS)	748.57	6.38	0.0	742.19	--	--	--	--	--	--	--
MW-01	8/29/1991		746.77	6.90	0.35	740.13	--	--	--	--	--	--	--
MW-01	1/29/1992		746.77	6.75	0.22	740.18	--	--	--	--	--	--	--
MW-01	7/24/1992		746.77	6.34	0.24	740.61	--	--	--	--	--	--	--
MW-01	11/30/1993		746.77	8.06	1.64	739.94	--	--	--	--	--	--	--
MW-01	4/26/1994		746.77	6.84	0.45	740.27	--	--	--	--	--	--	--
MW-01	3/16/1999		746.77	6.45	0.11	740.40	--	--	--	--	--	--	--
MW-01	6/8/2001		746.77	6.70	0.22	740.23	--	--	--	--	--	--	--
MW-01	11/18/2001		746.77	6.87	0.21	740.06	--	--	--	--	--	--	--
MW-01	4/3/2002		746.77	6.71	0.18	740.20	--	--	--	--	--	--	--
MW-01	9/9/2002		746.77	6.84	0.21	740.09	--	--	--	--	--	--	--
MW-01	11/18/2002		746.77	6.48	--	740.29	--	--	--	--	--	--	--
MW-01	1/27/2003		746.77	5.67	0.06	741.15	--	--	--	--	--	--	--
MW-01	4/15/2003		746.77	5.60	0.07	741.22	--	--	--	--	--	--	--
MW-01	7/29/2003		746.77	6.77	0.10	740.08	--	--	--	--	--	--	--
MW-01	10/6/2003		746.77	6.71	0.05	740.10	--	--	--	--	--	--	--
MW-01	2/16/2004		746.77	5.98	0.07	740.84	--	--	--	--	--	--	--
MW-01	5/24/2004		746.77	6.15	--	740.62	--	--	--	--	--	--	--
MW-01	8/9/2004		746.77	6.37	--	740.40	--	--	--	--	--	--	--
MW-01	11/1/2004		746.77	6.35	--	740.42	--	--	--	--	--	--	--
MW-01	2/28/2005		746.77	6.45	--	740.32	--	--	--	--	--	--	--
MW-01	5/24/2005		746.77	6.47	--	740.30	--	--	--	--	--	--	--
MW-01	8/15/2005		746.77	7.12	--	739.65	--	--	--	--	--	--	--
MW-01	10/24/2005		746.77	6.60	--	740.17	--	--	--	--	--	--	--
MW-01	4/24/2006	(Well maintenance done)	746.77	6.26	--	740.51	--	--	--	--	--	--	--
MW-01	8/28/2006		746.77	6.97	--	739.80	--	--	--	--	--	--	--
MW-01	10/16/2006	(Well maintenance done)	746.77	6.95	--	739.82	--	--	--	--	--	--	--
MW-01	12/4/2006		746.77	6.96	--	739.81	--	--	--	--	--	--	--
MW-01	3/26/2007		746.77	6.69	--	740.08	--	--	--	--	--	--	--
MW-01	5/15/2007		746.77	6.51	--	740.26	--	--	--	--	--	--	--
MW-01	9/18/2007		746.77	6.93	--	739.84	--	--	--	--	--	--	--
MW-01	12/11/2007		746.77	6.17	--	740.60	--	--	--	--	--	--	--
MW-01	3/25/2008		746.77	6.53	--	740.24	--	--	--	--	--	--	--
MW-01	5/27/2008		746.77	6.40	--	740.37	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-01	8/19/2008		746.77	6.79	0.05	740.02	--	--	--	--	--	--	--
MW-01	11/18/2008		746.77	6.64	--	740.13	--	--	--	--	--	--	--
MW-01	2/10/2009		746.77	6.68	--	740.09	--	--	--	--	--	--	--
MW-01	5/19/2009		746.77	6.71	--	740.06	--	--	--	--	--	--	--
MW-01	8/4/2009		746.77	7.07	--	739.70	--	--	--	--	--	--	--
MW-01	11/10/2009		746.77	6.83	--	739.94	--	--	--	--	--	--	--
MW-01	2/16/2010		749.78	6.03	--	743.75	--	--	--	--	--	--	--
MW-01	6/30/2010		749.78	6.34	--	743.44	--	--	--	--	--	--	--
MW-01	8/11/2010		749.78	6.76	--	743.02	--	--	--	--	--	--	--
MW-01	11/11/2010		749.78	6.31	--	743.47	--	--	--	--	--	--	--
MW-01	2/15/2011		749.78	6.20	--	743.58	--	--	--	--	--	--	--
MW-01	9/12/2011		749.78	6.50	0.0	743.28	--	--	--	--	--	--	--
MW-01	10/3/2012		749.78	6.62	--	743.16	--	--	--	--	--	--	--
MW-01	4/7/2014	(LF)	749.78	6.55	0.0	743.23	--	--	--	--	--	--	--
MW-01	11/19/2014	(NS)	749.78	5.45	0.0	744.33	--	--	--	--	--	--	--
MW-01	4/29/2015	(NS)	749.78	6.44	0.0	743.34	--	--	--	--	--	--	--
MW-01	8/3/2015	(NS)	749.78	7.11	0.0	742.67	--	--	--	--	--	--	--
MW-01	11/2/2015	(NS)	749.78	6.99	0.0	742.79	--	--	--	--	--	--	--
MW-01	2/8/2016	(NS)	749.78	5.79	0.0	743.99	--	--	--	--	--	--	--
MW-02	1/29/1992		746.22	6.36	0.02	739.88	--	--	--	--	--	--	--
MW-02	7/24/1992		746.22	6.04	0.04	740.21	--	--	--	--	--	--	--
MW-02	11/30/1993		746.22	7.09	0.67	739.63	--	--	--	--	--	--	--
MW-02	4/26/1994		746.22	6.28	0.05	739.98	--	--	--	--	--	--	--
MW-02	6/8/2001		746.22	6.29	--	739.93	--	--	--	--	--	--	--
MW-02	11/15/2001		746.22	6.50	--	739.72	--	--	--	--	--	--	--
MW-02	4/3/2002		746.22	6.34	--	739.88	--	--	--	--	--	--	--
MW-02	9/9/2002		746.22	6.46	--	739.76	--	--	--	--	--	--	--
MW-02	11/18/2002		746.22	6.26	--	739.96	--	--	--	--	--	--	--
MW-02	1/27/2003		746.22	5.55	--	740.67	--	--	--	--	--	--	--
MW-02	4/15/2003		746.22	5.69	0.01	740.54	--	--	--	--	--	--	--
MW-02	7/29/2003		746.22	6.44	--	739.78	--	--	--	--	--	--	--
MW-02	10/6/2003		746.22	6.43	0.01	739.80	--	--	--	--	--	--	--
MW-02	2/16/2004		746.22	5.79	--	740.43	--	--	--	--	--	--	--
MW-02	5/24/2004		746.22	5.92	--	740.30	--	--	--	--	--	--	--
MW-02	8/9/2004		746.22	6.11	--	740.11	--	--	--	--	--	--	--
MW-02	11/1/2004		746.22	6.12	--	740.10	--	--	--	--	--	--	--
MW-02	2/28/2005		746.22	6.20	--	740.02	--	--	--	--	--	--	--
MW-02	5/24/2005		746.22	6.27	--	739.95	--	--	--	--	--	--	--
MW-02	8/15/2005		746.22	6.77	--	739.45	--	--	--	--	--	--	--
MW-02	10/24/2005		746.22	6.38	--	739.84	--	--	--	--	--	--	--
MW-02	4/24/2006	(Well maintenance done)	746.22	6.06	--	740.16	--	--	--	--	--	--	--
MW-02	8/28/2006		746.22	6.65	--	739.57	--	--	--	--	--	--	--
MW-02	10/16/2006		746.22	7.76	--	738.46	--	--	--	--	--	--	--
MW-02	12/4/2006		746.22	6.68	--	739.54	--	--	--	--	--	--	--
MW-02	3/26/2007		746.22	6.44	--	739.78	--	--	--	--	--	--	--
MW-02	5/15/2007		746.22	6.29	--	739.93	--	--	--	--	--	--	--
MW-02	9/18/2007		746.22	6.67	--	739.55	--	--	--	--	--	--	--
MW-02	12/11/2007		746.22	6.03	--	740.19	--	--	--	--	--	--	--
MW-02	3/25/2008		746.22	6.31	--	739.91	--	--	--	--	--	--	--
MW-02	5/27/2008		746.22	6.19	--	740.03	--	--	--	--	--	--	--
MW-02	8/19/2008		746.22	6.49	--	739.73	--	--	--	--	--	--	--
MW-02	11/18/2008		746.22	6.34	--	739.88	--	--	--	--	--	--	--
MW-02	2/10/2009		746.22	6.46	--	739.76	--	--	--	--	--	--	--
MW-02	5/19/2009		746.22	6.47	--	739.75	--	--	--	--	--	--	--
MW-02	8/4/2009		746.22	6.79	--	739.43	--	--	--	--	--	--	--
MW-02	11/11/2009		746.22	6.87	--	739.35	--	--	--	--	--	--	--
MW-02	2/16/2010		749.22	5.88	--	743.34	--	--	--	--	--	--	--
MW-02	6/30/2010		749.22	6.21	--	743.01	--	--	--	--	--	--	--
MW-02	8/11/2010		749.22	6.51	--	742.71	--	--	--	--	--	--	--
MW-02	11/11/2010		749.22	6.17	--	743.05	--	--	--	--	--	--	--
MW-02	2/15/2011		749.22	6.04	--	743.18	--	--	--	--	--	--	--
MW-02	9/12/2011		749.22	6.31	0.0	742.91	--	--	--	--	--	--	--
MW-02	10/3/2012		749.22	6.41	--	742.81	--	--	--	--	--	--	--
MW-02	4/7/2014		749.22	6.34	0.0	742.88	--	--	--	--	--	--	--
MW-02	11/19/2014	(NS)	749.22	6.25	0.0	742.97	--	--	--	--	--	--	--
MW-02	4/29/2015	(NS)	749.22	6.22	0.0	743.00	--	--	--	--	--	--	--
MW-02	8/3/2015	(NS)	749.22	6.98	0.0	742.24	--	--	--	--	--	--	--
MW-02	11/2/2015	(NS)	749.22	6.47	0.0	742.75	--	--	--	--	--	--	--
MW-02	2/8/2016	(NS)	749.22	5.77	0.0	743.45	--	--	--	--	--	--	--
MW-03	8/29/1991		746.17	7.75	1.50	739.54	--	--	--	--	--	--	--
MW-03	1/29/1992		746.17	7.16	0.71	739.54	--	--	--	--	--	--	--
MW-03	7/24/1992		746.17	7.12	1.02	739.82	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-03	11/30/1993		746.17	7.66	1.07	739.31	--	--	--	--	--	--	--
MW-03	4/26/1994		746.17	7.13	0.77	739.62	--	--	--	--	--	--	--
MW-03	3/16/1999		746.17	6.76	0.50	739.78	--	--	--	--	--	--	--
MW-03	6/8/2001		746.17	6.89	0.43	739.60	--	--	--	--	--	--	--
MW-03	11/15/2001		746.17	6.66	0.01	739.52	--	--	--	--	--	--	--
MW-03	4/3/2002		746.17	6.92	0.39	739.54	--	--	--	--	--	--	--
MW-03	9/9/2002		746.17	7.03	0.39	739.43	--	--	--	--	--	--	--
MW-03	11/18/2002		746.17	6.94	0.51	739.61	--	--	--	--	--	--	--
MW-03	1/27/2003		746.17	6.33	0.60	740.29	--	--	--	--	--	--	--
MW-03	4/15/2003		746.17	6.31	0.33	740.11	--	--	--	--	--	--	--
MW-03	7/29/2003		746.17	6.93	0.28	739.45	--	--	--	--	--	--	--
MW-03	10/6/2003		746.17	6.96	0.32	739.45	--	--	--	--	--	--	--
MW-03	2/16/2004		746.17	6.30	0.30	740.09	--	--	--	--	--	--	--
MW-03	5/24/2004		746.17	6.17	0.01	740.01	--	--	--	--	--	--	--
MW-03	8/9/2004		746.17	6.57	0.21	739.76	--	--	--	--	--	--	--
MW-03	11/1/2004		746.17	6.51	0.13	739.76	--	--	--	--	--	--	--
MW-03	2/28/2005		746.17	6.58	0.07	739.64	--	--	--	--	--	--	--
MW-03	5/24/2005		746.17	6.67	0.07	739.55	--	--	--	--	--	--	--
MW-03	8/15/2005		746.17	7.09	0.04	739.11	--	--	--	--	--	--	--
MW-03	10/24/2005		746.17	6.81	0.12	739.45	--	--	--	--	--	--	--
MW-03	4/24/2006	(Well maintenance done)	746.17	6.47	0.11	739.78	--	--	--	--	--	--	--
MW-03	8/28/2006		746.17	6.98	--	739.19	--	--	--	--	--	--	--
MW-03	10/16/2006		746.17	7.11	--	739.06	--	--	--	--	--	--	--
MW-03	12/4/2006		746.17	7.12	0.13	739.15	--	--	--	--	--	--	--
MW-03	3/26/2007		746.17	6.76	(Sheen)	739.41	--	--	--	--	--	--	--
MW-03	5/15/2007		746.17	6.61	--	739.56	--	--	--	--	--	--	--
MW-03	9/18/2007		746.17	7.71	0.90	739.14	--	--	--	--	--	--	--
MW-03	12/11/2007		746.17	6.38	--	739.79	--	--	--	--	--	--	--
MW-03	3/25/2008		746.17	6.62	0.01	739.56	--	--	--	--	--	--	--
MW-03	5/27/2008		746.17	6.52	0.01	739.66	--	--	--	--	--	--	--
MW-03	8/21/2008		746.17	6.78	(Sheen)	739.39	--	--	--	--	--	--	--
MW-03	11/18/2008		746.17	6.75	(Sheen)	739.42	--	--	--	--	--	--	--
MW-03	2/10/2009		746.17	6.86	0.08	739.42	--	--	--	--	--	--	--
MW-03	5/19/2009		746.17	6.84	0.04	739.41	--	--	--	--	--	--	--
MW-03	8/4/2009		746.17	7.14	0.04	739.11	--	--	--	--	--	--	--
MW-03	11/10/2009		746.17	7.00	0.10	739.29	--	--	--	--	--	--	--
MW-03	2/16/2010		749.17	6.22	--	742.95	--	--	--	--	--	--	--
MW-03	6/30/2010		749.17	6.53	--	742.64	--	--	--	--	--	--	--
MW-03	8/11/2010		749.17	6.81	0.01	742.36	--	--	--	--	--	--	--
MW-03	11/11/2010		749.17	6.55	0.01	742.62	--	--	--	--	--	--	--
MW-03	2/15/2011		749.17	6.34	--	742.83	--	--	--	--	--	--	--
MW-03	9/12/2011		749.17	6.60	0.01	742.57	--	--	--	--	--	--	--
MW-03	10/3/2012		749.17	6.66	0.02	742.51	--	--	--	--	--	--	--
MW-03	4/7/2014		749.17	6.60	0.0	742.57	--	--	--	--	--	--	--
MW-03	11/19/2014	(NAPL)	749.17	6.48	0.03	742.71	--	--	--	--	--	--	--
MW-03	4/29/2015	(NAPL)	749.17	6.49	0.02	742.70	--	--	--	--	--	--	--
MW-03	8/3/2015	(NAPL)	749.17	7.13	0.06	742.09	--	--	--	--	--	--	--
MW-03	11/2/2015	(NAPL)	749.17	6.96	0.07	742.27	--	--	--	--	--	--	--
MW-03	2/8/2016	(NS)	749.17	6.03	0.0	743.14	--	--	--	--	--	--	--
MW-04	8/29/1991		746.85	9.15	3.15	740.06	--	--	--	--	--	--	--
MW-04	1/29/1992		746.85	8.28	1.55	739.73	--	--	--	--	--	--	--
MW-04	7/24/1992		746.85	8.72	2.50	740.01	--	--	--	--	--	--	--
MW-04	11/30/1993		746.85	8.82	1.94	739.48	--	--	--	--	--	--	--
MW-04	4/26/1994		746.85	8.20	1.58	739.84	--	--	--	--	--	--	--
MW-04	3/16/1999		746.85	7.91	1.40	739.99	--	--	--	--	--	--	--
MW-04	6/8/2001		746.85	8.13	1.46	739.82	--	--	--	--	--	--	--
MW-04	11/15/2001		746.85	8.61	1.85	739.63	--	--	--	--	--	--	--
MW-04	4/3/2002		746.85	8.02	1.25	739.77	--	--	--	--	--	--	--
MW-04	9/9/2002		746.85	8.79	2.11	739.64	--	--	--	--	--	--	--
MW-04	11/18/2002		746.85	6.57	0.01	740.29	--	--	--	--	--	--	--
MW-04	1/27/2003		746.85	6.93	0.93	740.62	--	--	--	--	--	--	--
MW-04	4/15/2003		746.85	7.12	0.97	740.46	--	--	--	--	--	--	--
MW-04	7/29/2003		746.85	8.48	1.71	739.65	--	--	--	--	--	--	--
MW-04	10/6/2003		746.85	8.88	2.24	739.65	--	--	--	--	--	--	--
MW-04	2/16/2004		746.85	7.40	1.21	740.36	--	--	--	--	--	--	--
MW-04	5/24/2004		746.85	7.57	1.22	740.20	--	--	--	--	--	--	--
MW-04	8/9/2004		746.85	8.13	1.68	739.98	--	--	--	--	--	--	--
MW-04	11/1/2004		746.85	8.16	1.73	739.99	--	--	--	--	--	--	--
MW-04	2/28/2005		746.85	7.86	1.21	739.90	--	--	--	--	--	--	--
MW-04	5/24/2005		746.85	7.98	1.29	739.84	--	--	--	--	--	--	--
MW-04	8/15/2005		746.85	7.84	0.75	739.57	--	--	--	--	--	--	--
MW-04	10/24/2005		746.85	8.52	1.87	739.73	--	--	--	--	--	--	--
MW-04	4/24/2006		746.85	7.83	1.40	740.07	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-04	8/28/2006		746.85	7.13	0.09	739.79	--	--	--	--	--	--	--
MW-04	10/16/2006	(Well monument replaced)	746.85	8.36	1.22	739.41	--	--	--	--	--	--	--
MW-04	12/4/2006		746.85	8.15	0.95	739.41	--	--	--	--	--	--	--
MW-04	3/26/2007		746.85	6.89	(Sheen)	739.96	--	--	--	--	--	--	--
MW-04	5/15/2007		746.85	7.48	0.68	739.88	--	--	--	--	--	--	--
MW-04	9/18/2007		746.85	8.16	1.06	739.48	--	--	--	--	--	--	--
MW-04	12/11/2007		746.85	7.38	0.98	740.21	--	--	--	--	--	--	--
MW-04	3/25/2008		746.85	6.82	0.05	740.07	--	--	--	--	--	--	--
MW-04	5/27/2008		746.85	7.30	0.58	739.98	--	--	--	--	--	--	--
MW-04	8/19/2008		746.85	7.58	0.51	739.65	--	--	--	--	--	--	--
MW-04	11/18/2008		746.85	8.15	1.33	739.70	--	--	--	--	--	--	--
MW-04	2/10/2009		746.85	7.68	0.66	738.98	--	--	--	--	--	--	--
MW-04	5/19/2009		746.85	7.60	0.55	738.98	--	--	--	--	--	--	--
MW-04	8/4/2009		746.85	7.82	0.40	738.65	--	--	--	--	--	--	--
MW-04	11/10/2009		746.85	8.18	1.12	738.83	--	--	--	--	--	--	--
MW-04	2/16/2010		749.85	7.00	0.78	742.85	--	--	--	--	--	--	--
MW-04	6/30/2010		749.85	7.31	0.52	742.54	--	--	--	--	--	--	--
MW-04	8/11/2010		749.85	7.58	0.47	742.27	--	--	--	--	--	--	--
MW-04	11/11/2010		749.85	6.58	0.02	743.27	--	--	--	--	--	--	--
MW-04	2/15/2011		749.85	6.99	0.40	742.86	--	--	--	--	--	--	--
MW-04	9/12/2011		749.85	7.61	0.81	742.24	--	--	--	--	--	--	--
MW-04	10/3/2012		749.85	7.73	0.81	742.12	--	--	--	--	--	--	--
MW-04	4/7/2014		749.85	7.60	0.78	742.87	--	--	--	--	--	--	--
MW-04	11/19/2014	(NAPL)	749.85	7.60	1.90	743.77	--	--	--	--	--	--	--
MW-04	4/29/2015	(NAPL)	749.85	7.48	0.74	742.96	--	--	--	--	--	--	--
MW-04	8/3/2015	(NAPL)	749.85	8.09	0.70	742.32	--	--	--	--	--	--	--
MW-04	11/2/2015	(NAPL)	749.85	7.84	0.67	742.55	--	--	--	--	--	--	--
MW-04	2/8/2016	(NAPL)	749.85	6.75	0.50	743.50	--	--	--	--	--	--	--
MW-05	8/29/1991		746.74	9.15	3.15	739.95	--	--	--	--	--	--	--
MW-05	1/29/1992		746.74	8.11	1.84	740.01	--	--	--	--	--	--	--
MW-05	7/24/1992		746.74	8.41	2.75	740.39	--	--	--	--	--	--	--
MW-05	11/30/1993		746.74	8.51	2.05	739.77	--	--	--	--	--	--	--
MW-05	4/26/1994		746.74	7.92	1.74	740.13	--	--	--	--	--	--	--
MW-05	6/8/2001		746.74	6.40	--	740.34	--	--	--	--	--	--	--
MW-05	11/15/2001		746.74	6.55	--	740.19	--	--	--	--	--	--	--
MW-05	4/3/2002		746.74	6.48	--	740.26	--	--	--	--	--	--	--
MW-05	9/9/2002		746.74	6.56	--	740.18	--	--	--	--	--	--	--
MW-05	11/18/2002		746.74	6.36	--	740.38	--	--	--	--	--	--	--
MW-05	1/27/2003		746.74	6.05	--	740.69	--	--	--	--	--	--	--
MW-05	4/15/2003		746.74	5.94	0.01	740.81	--	--	--	--	--	--	--
MW-05	7/29/2003		746.74	6.61	--	740.13	--	--	--	--	--	--	--
MW-05	10/6/2003		746.74	6.59	0.01	740.16	--	--	--	--	--	--	--
MW-05	2/16/2004		746.74	6.13	--	740.61	--	--	--	--	--	--	--
MW-05	5/24/2004		746.74	6.14	--	740.60	--	--	--	--	--	--	--
MW-05	8/9/2004		746.74	6.29	--	740.45	--	--	--	--	--	--	--
MW-05	11/1/2004	(Well abandoned October 2004 per Farallon)	746.74	--	--	--	--	--	--	--	--	--	--
MW-05	8/28/2006		746.74	7.90	1.60	740.04	--	--	--	--	--	--	--
MW-05	10/16/2006	(Well monument replaced)	746.74	8.12	1.86	740.02	--	--	--	--	--	--	--
MW-05	12/4/2006	(Surveyed)	747.28	7.74	0.94	740.24	--	--	--	--	--	--	--
MW-05	3/26/2007		747.28	7.17	0.54	740.52	--	--	--	--	--	--	--
MW-05	5/15/2007		747.28	7.04	0.66	740.73	--	--	--	--	--	--	--
MW-05	9/18/2007		747.28	8.50	1.95	740.24	--	--	--	--	--	--	--
MW-05	12/11/2007		747.28	6.74	0.69	741.06	--	--	--	--	--	--	--
MW-05	3/25/2008		747.28	6.65	0.23	740.80	--	--	--	--	--	--	--
MW-05	5/27/2008		747.28	6.71	0.36	740.84	--	--	--	--	--	--	--
MW-05	8/19/2008		747.28	7.87	1.36	740.43	--	--	--	--	--	--	--
MW-05	11/18/2008		747.28	7.49	1.02	740.55	--	--	--	--	--	--	--
MW-05	2/10/2009		747.28	6.90	0.25	740.14	--	--	--	--	--	--	--
MW-05	5/19/2009		747.28	6.95	0.25	740.09	--	--	--	--	--	--	--
MW-05	8/4/2009		747.28	8.43	1.64	739.65	--	--	--	--	--	--	--
MW-05	11/10/2009		747.28	7.69	1.01	739.92	--	--	--	--	--	--	--
MW-05	2/16/2010		749.73	5.96	0.04	743.77	--	--	--	--	--	--	--
MW-05	6/30/2010		749.73	6.26	0.36	743.47	--	--	--	--	--	--	--
MW-05	8/11/2010		749.73	7.19	0.46	742.54	--	--	--	--	--	--	--
MW-05	11/11/2010		749.73	6.70	0.52	743.03	--	--	--	--	--	--	--
MW-05	2/15/2011		749.73	6.32	0.21	743.41	--	--	--	--	--	--	--
MW-05	9/12/2011		749.73	7.17	0.77	742.56	--	--	--	--	--	--	--
MW-05	10/3/2012		749.73	7.01	0.42	742.72	--	--	--	--	--	--	--
MW-05	10/7/2013	(ABN)	--	--	--	--	--	--	--	--	--	--	--
MW-06	8/29/1991		746.79	8.00	2.00	740.29	--	--	--	--	--	--	--
MW-06	1/29/1992		746.79	7.27	1.11	740.35	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-06	7/24/1992		746.79	7.20	1.70	740.86	--	--	--	--	--	--	--
MW-06	11/30/1993		746.79	7.34	0.89	740.12	--	--	--	--	--	--	--
MW-06	4/26/1994		746.79	7.34	1.21	740.36	--	--	--	--	--	--	--
MW-06	11/15/2001		746.79	--	--	--	--	--	--	--	--	--	--
MW-06	9/9/2002	(Well abandoned 9/11/02)	746.79	--	--	--	--	--	--	--	--	--	--
MW-07	8/29/1991		746.17	9.00	3.10	739.49	--	--	--	--	--	--	--
MW-07	1/29/1992		746.17	8.21	2.12	739.55	--	--	--	--	--	--	--
MW-07	7/24/1992		746.17	8.14	3.02	740.29	--	--	--	--	--	--	--
MW-07	11/30/1993		746.17	8.89	2.69	739.30	--	--	--	--	--	--	--
MW-07	4/26/1994		746.17	8.35	2.42	739.64	--	--	--	--	--	--	--
MW-07	6/8/2001		746.17	6.11	--	740.06	--	--	--	--	--	--	--
MW-07	11/15/2001		746.17	7.41	1.20	739.66	--	--	--	--	--	--	--
MW-07	4/3/2002	(Well Inaccessible)	746.17	--	--	--	--	--	--	--	--	--	--
MW-07	9/9/2002	(Well Inaccessible)	746.17	--	--	--	--	--	--	--	--	--	--
MW-07	11/18/2002	(Well Inaccessible)	746.17	--	--	--	--	--	--	--	--	--	--
MW-07	1/27/2003	(Access to well obtained)	746.17	6.23	0.79	740.53	--	--	--	--	--	--	--
MW-07	4/15/2003		746.17	7.05	1.48	740.23	--	--	--	--	--	--	--
MW-07	7/29/2003		746.17	8.25	2.00	739.42	--	--	--	--	--	--	--
MW-07	10/6/2003		746.17	8.57	2.45	739.44	--	--	--	--	--	--	--
MW-07	2/16/2004		746.17	6.90	1.25	740.21	--	--	--	--	--	--	--
MW-07	5/24/2004		746.17	5.80	--	740.37	--	--	--	--	--	--	--
MW-07	8/9/2004		746.17	7.81	1.89	739.78	--	--	--	--	--	--	--
MW-07	11/1/2004		746.17	7.56	1.59	739.80	--	--	--	--	--	--	--
MW-07	2/28/2005		746.17	7.30	1.16	739.74	--	--	--	--	--	--	--
MW-07	5/24/2005		746.17	7.52	1.37	739.68	--	--	--	--	--	--	--
MW-07	8/15/2005		746.17	8.39	1.91	739.21	--	--	--	--	--	--	--
MW-07	10/24/2005		746.17	7.96	1.81	739.57	--	--	--	--	--	--	--
MW-07	4/24/2006	(Well has no monument)	746.17	7.10	1.40	740.12	--	--	--	--	--	--	--
MW-07	8/28/2006		746.17	6.25	--	739.92	--	--	--	--	--	--	--
MW-07	10/16/2006	(Well monument replaced)	746.17	6.98	0.38	739.47	--	--	--	--	--	--	--
MW-07	12/4/2006	(Surveyed)	746.99	7.30	0.25	739.88	--	--	--	--	--	--	--
MW-07	3/26/2007		746.99	6.72	(Sheen)	740.27	--	--	--	--	--	--	--
MW-07	5/15/2007		746.99	6.72	0.16	740.27	--	--	--	--	--	--	--
MW-07	9/18/2007		746.99	7.51	0.55	739.48	--	--	--	--	--	--	--
MW-07	12/11/2007		746.99	6.57	0.37	740.42	--	--	--	--	--	--	--
MW-07	3/25/2008		746.99	6.46	0.03	740.53	--	--	--	--	--	--	--
MW-07	5/27/2008		746.99	6.79	0.35	740.20	--	--	--	--	--	--	--
MW-07	8/19/2008		746.99	7.86	1.11	739.13	--	--	--	--	--	--	--
MW-07	11/18/2008		746.99	7.18	0.50	739.81	--	--	--	--	--	--	--
MW-07	2/10/2009		746.99	7.13	0.38	739.95	--	--	--	--	--	--	--
MW-07	5/19/2009		746.99	7.15	0.38	739.92	--	--	--	--	--	--	--
MW-07	8/4/2009		746.99	7.41	0.25	739.57	--	--	--	--	--	--	--
MW-07	11/10/2009		746.99	7.14	0.19	739.79	--	--	--	--	--	--	--
MW-07	2/16/2010		749.41	6.17	0.20	743.24	--	--	--	--	--	--	--
MW-07	6/30/2010		749.41	6.48	0.21	742.93	--	--	--	--	--	--	--
MW-07	8/11/2010		749.41	7.12	0.28	742.29	--	--	--	--	--	--	--
MW-07	11/11/2010		749.41	6.60	0.37	742.81	--	--	--	--	--	--	--
MW-07	2/15/2011		749.41	6.75	0.45	742.66	--	--	--	--	--	--	--
MW-07	9/12/2011		749.41	7.44	0.94	741.97	--	--	--	--	--	--	--
MW-07	10/3/2012		749.41	7.44	0.82	741.97	--	--	--	--	--	--	--
MW-07	10/7/2013	(ABN)	--	--	--	--	--	--	--	--	--	--	--
MW-08	8/29/1991		747.04	6.60	--	740.44	--	--	--	--	--	--	--
MW-08	1/29/1992		747.04	6.45	--	740.59	--	--	--	--	--	--	--
MW-08	7/24/1992		747.04	5.79	--	741.25	--	--	--	--	--	--	--
MW-08	11/30/1993		747.04	6.68	--	740.36	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-08	4/26/1994		747.04	6.32	--	740.72	--	--	--	--	--	--	--
MW-08	3/17/1999		--	--	--	--	<50	<0.25	--	<0.50	<0.50	<0.50	<1.0
MW-08	6/7/2001		747.04	6.38	--	740.66	<100	<0.25	<0.75	<1.0	<1.0	<1.0	<1.0
MW-08	11/15/2001		747.04	6.58	--	740.46	--	--	--	--	--	--	--
MW-08	11/16/2001		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-08	4/3/2002		747.04	6.44	--	740.60	--	--	--	--	--	--	--
MW-08	4/4/2002		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-08	9/9/2002		747.04	6.56	--	740.48	--	--	--	--	--	--	--
MW-08	9/10/2002		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-08	11/18/2002		747.04	6.31	--	740.73	--	--	--	--	--	--	--
MW-08	1/27/2003		747.04	5.24	--	741.80	--	--	--	--	--	--	--
MW-08	1/28/2003		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-08	4/15/2003		747.04	4.89	--	742.15	--	--	--	--	--	--	--
MW-08	7/29/2003		747.04	6.64	--	740.40	--	--	--	--	--	--	--
MW-08	7/30/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-08	10/6/2003		747.04	6.56	--	740.48	--	--	--	--	--	--	--
MW-08	2/16/2004		747.04	5.71	--	741.33	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-08	2/17/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-08	5/24/2004		747.04	6.01	--	741.03	--	--	--	--	--	--	--
MW-08	8/9/2004		747.04	6.26	--	740.78	--	--	--	--	--	--	--
MW-08	8/10/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-08	11/1/2004		747.04	6.22	--	740.82	--	--	--	--	--	--	--
MW-08	2/28/2005		747.04	6.26	--	740.78	--	--	--	--	--	--	--
MW-08	3/1/2005		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-08	5/24/2005		747.04	6.35	--	740.69	--	--	--	--	--	--	--
MW-08	8/15/2005		747.04	7.08	--	739.96	--	--	--	--	--	--	--
MW-08	8/16/2005		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-08	10/24/2005		747.04	6.43	--	740.61	--	--	--	--	--	--	--
MW-08	4/24/2006	(Well maintenance done)	747.04	6.13	--	740.91	--	--	--	--	--	--	--
MW-08	4/25/2006		--	--	--	--	<50	<0.248	<0.495	<0.500	<0.500	<0.500	<1.00
MW-08	8/28/2006		747.04	6.87	--	740.17	--	--	--	--	--	--	--
MW-08	10/16/2006		747.04	6.75	--	740.29	--	--	--	--	--	--	--
MW-08	10/18/2006		--	--	--	--	115	<0.245	<0.490	3.19	6.86	6.7	24.9
MW-08	12/4/2006		747.04	6.94	--	740.10	--	--	--	--	--	--	--
MW-08	3/26/2007		747.04	6.57	--	740.47	<50.0	<0.250	<0.500	<0.500	<0.500	<0.500	<1.00
MW-08	5/15/2007		747.04	6.39	--	740.65	--	--	--	--	--	--	--
MW-08	9/18/2007		747.04	6.82	--	740.22	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-08	12/11/2007		747.04	5.97	--	741.07	--	--	--	--	--	--	--
MW-08	3/25/2008		747.04	6.63	--	740.41	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-08	5/27/2008		747.04	6.24	--	740.80	--	--	--	--	--	--	--
MW-08	8/19/2008		747.04	6.69	--	740.35	<50.0	<0.243	<0.485	<0.500	<0.500	<0.500	<1.00
MW-08	11/18/2008		747.04	6.48	--	740.56	--	--	--	--	--	--	--
MW-08	2/10/2009		747.04	6.60	--	740.44	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-08	5/19/2009		747.04	6.60	--	740.44	--	--	--	--	--	--	--
MW-08	8/4/2009		747.04	7.00	--	740.04	74	<0.120	<0.240	<0.100	<0.100	<0.100	3.7
MW-08	11/10/2009		747.04	6.72	--	740.32	--	--	--	--	--	--	--
MW-08	2/16/2010		750.04	5.80	--	744.24	<50	<120	<250(^)	<1.0	<1.0	<1.0	<2.0
MW-08	6/30/2010		750.04	6.11	--	743.93	--	--	--	--	--	--	--
MW-08	8/11/2010	(P)	750.04	6.58	--	743.46	<100	<251	--	<0.200	<1.00	<1.00	<3
MW-08	11/11/2010		750.04	6.13	--	743.91	--	--	--	--	--	--	--
MW-08	2/15/2011	(P)	750.04	6.03	--	744.01	<100	<239	--	<0.200	<1.00	<1.00	<3
MW-08	9/12/2011	(P)	750.04	6.40	0.0	743.64	<100	<250	--	<0.500	<2.00	<1.00	<1.50
MW-08	10/3/2012	(P)	750.04	6.44	--	743.60	--	--	--	--	--	--	--
MW-08	10/4/2012		--	--	--	--	<90.0	<239	--	<0.200	<0.500	<0.500	<1.50
MW-08	10/4/2012	(Dup)	--	--	--	--	<90.0	<261	--	<0.200	<0.500	<0.500	<1.50
MW-08	4/8/2014	(LF)	750.04	6.41	0.0	743.63	<100	--	--	0.420	<0.500	<0.500	<1.50
MW-08	11/19/2014	(LF)	750.04	6.31	0.0	743.73	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MW-08	4/29/2015	(NS)	750.04	6.37	0.0	743.67	--	--	--	--	--	--	--
MW-08	4/30/2015	(LFP)	750.04	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-08	8/3/2015	(NS)	750.04	7.01	0.0	743.03	--	--	--	--	--	--	--
MW-08	8/4/2015	(LFP)	750.04	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-08	8/4/2015	(Dup)(LFP)	750.04	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-08	11/2/2015	(NS)	750.04	6.75	0.0	743.29	--	--	--	--	--	--	--
MW-08	11/3/2015	(LFP)	750.04	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-08	2/8/2016	(NS)	750.04	5.62	0.0	744.42	--	--	--	--	--	--	--
MW-08	2/9/2016	(LFP)	750.04	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MW-09	8/29/1991		745.08	5.60	--	739.48	--	--	--	--	--	--	--
MW-09	1/29/1992		745.08	5.69	--	739.39	--	--	--	--	--	--	--
MW-09	7/24/1992		745.08	5.38	--	739.70	--	--	--	--	--	--	--
MW-09	11/30/1993		745.08	5.99	--	739.09	--	--	--	--	--	--	--
MW-09	4/26/1994		745.08	5.69	--	739.39	--	--	--	--	--	--	--
MW-09	6/8/2001		745.08	5.88	--	739.20	--	--	--	--	--	--	--
MW-09	11/15/2001		745.08	5.97	--	739.11	--	--	--	--	--	--	--
MW-09	4/3/2002		745.08	5.92	--	739.16	--	--	--	--	--	--	--
MW-09	9/9/2002		745.08	6.02	--	739.06	--	--	--	--	--	--	--
MW-09	11/18/2002		745.08	5.90	--	739.18	--	--	--	--	--	--	--
MW-09	1/27/2003		745.08	5.29	--	739.79	--	--	--	--	--	--	--
MW-09	4/15/2003		745.08	5.47	--	739.61	--	--	--	--	--	--	--
MW-09	7/29/2003		745.08	6.02	--	739.06	--	--	--	--	--	--	--
MW-09	10/6/2003		745.08	6.03	--	739.05	--	--	--	--	--	--	--
MW-09	2/16/2004		745.08	5.46	--	739.62	--	--	--	--	--	--	--
MW-09	5/24/2004		745.08	5.59	--	739.49	--	--	--	--	--	--	--
MW-09	8/9/2004		745.08	5.76	--	739.32	--	--	--	--	--	--	--
MW-09	11/1/2004		745.08	5.78	--	739.30	--	--	--	--	--	--	--
MW-09	2/28/2005		745.08	5.85	--	739.23	--	--	--	--	--	--	--
MW-09	5/24/2005		745.08	5.97	--	739.11	--	--	--	--	--	--	--
MW-09	8/15/2005		745.08	6.34	--	738.74	--	--	--	--	--	--	--
MW-09	10/24/2005		745.08	6.09	--	738.99	--	--	--	--	--	--	--
MW-09	4/24/2006	(Well maintenance done)	745.08	5.82	--	739.26	--	--	--	--	--	--	--
MW-09	8/28/2006		745.08	6.31	--	738.77	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-09	10/16/2006		745.08	6.40	--	738.68	--	--	--	--	--	--	--
MW-09	12/4/2006		745.08	6.29	--	738.79	--	--	--	--	--	--	--
MW-09	3/26/2007		745.08	6.15	--	738.93	--	--	--	--	--	--	--
MW-09	5/15/2007		745.08	6.02	--	739.06	--	--	--	--	--	--	--
MW-09	9/18/2007		745.08	6.37	--	738.71	--	--	--	--	--	--	--
MW-09	12/11/2007		745.08	5.81	--	739.27	--	--	--	--	--	--	--
MW-09	3/25/2008		745.08	6.03	--	739.05	--	--	--	--	--	--	--
MW-09	5/27/2008		745.08	5.97	--	739.11	--	--	--	--	--	--	--
MW-09	8/19/2008		745.08	6.21	--	738.87	--	--	--	--	--	--	--
MW-09	11/18/2008		745.08	6.16	--	738.92	--	--	--	--	--	--	--
MW-09	2/10/2009		745.08	6.19	--	738.89	--	--	--	--	--	--	--
MW-09	5/19/2009		745.08	6.18	--	738.90	--	--	--	--	--	--	--
MW-09	8/4/2009		745.08	6.47	--	738.61	--	--	--	--	--	--	--
MW-09	11/10/2009		745.08	6.31	--	738.77	--	--	--	--	--	--	--
MW-09	2/16/2010		748.25	5.46	--	742.79	--	--	--	--	--	--	--
MW-09	6/30/2010		748.25	5.77	--	742.48	--	--	--	--	--	--	--
MW-09	8/11/2010		748.25	6.27	--	741.98	--	--	--	--	--	--	--
MW-09	11/11/2010		748.25	6.03	--	742.22	--	--	--	--	--	--	--
MW-09	2/15/2011		748.25	5.87	--	742.38	--	--	--	--	--	--	--
MW-09	9/12/2011		748.25	6.10	0.0	742.15	--	--	--	--	--	--	--
MW-09	10/3/2012		748.25	6.14	--	742.11	--	--	--	--	--	--	--
MW-09	4/7/2014		748.25	6.09	0.0	742.16	--	--	--	--	--	--	--
MW-09	11/19/2014	(NS)	748.25	5.99	0.0	742.26	--	--	--	--	--	--	--
MW-09	4/29/2015	(NS)	748.25	5.95	0.0	742.30	--	--	--	--	--	--	--
MW-09	8/3/2015	(NS)	748.25	6.47	0.0	741.78	--	--	--	--	--	--	--
MW-09	11/2/2015	(NS)	748.25	6.26	0.0	741.99	--	--	--	--	--	--	--
MW-09	2/8/2016	(NS)	748.25	5.65	0.0	742.60	--	--	--	--	--	--	--
MW-10	8/29/1991		746.49	8.80	2.20	739.34	--	--	--	--	--	--	--
MW-10	1/29/1992		746.49	7.97	1.07	739.32	--	--	--	--	--	--	--
MW-10	7/24/1992		746.49	7.84	1.27	739.60	--	--	--	--	--	--	--
MW-10	11/30/1993		746.49	8.37	1.34	739.13	--	--	--	--	--	--	--
MW-10	4/26/1994		746.49	7.74	0.91	739.43	--	--	--	--	--	--	--
MW-10	3/16/1999		746.49	7.91	1.40	739.63	--	--	--	--	--	--	--
MW-10	6/8/2001		746.49	7.48	0.55	739.42	--	--	--	--	--	--	--
MW-10	11/15/2001		746.49	7.97	0.94	739.22	--	--	--	--	--	--	--
MW-10	4/3/2002		746.49	7.55	0.57	739.37	--	--	--	--	--	--	--
MW-10	9/9/2002		746.49	8.08	1.09	739.23	--	--	--	--	--	--	--
MW-10	11/18/2002		746.49	7.59	0.74	739.46	--	--	--	--	--	--	--
MW-10	1/27/2003		746.49	6.74	0.53	740.15	--	--	--	--	--	--	--
MW-10	4/15/2003		746.49	6.98	0.53	739.91	--	--	--	--	--	--	--
MW-10	7/29/2003		746.49	7.91	0.92	739.27	--	--	--	--	--	--	--
MW-10	10/6/2003		746.49	7.86	0.86	739.28	--	--	--	--	--	--	--
MW-10	2/16/2004		746.49	6.95	0.53	739.94	--	--	--	--	--	--	--
MW-10	5/24/2004		746.49	7.13	0.56	739.78	--	--	--	--	--	--	--
MW-10	8/9/2004		746.49	7.43	0.68	739.57	--	--	--	--	--	--	--
MW-10	11/1/2004		746.49	7.41	0.67	739.58	--	--	--	--	--	--	--
MW-10	2/28/2005		746.49	7.33	0.45	739.50	--	--	--	--	--	--	--
MW-10	5/24/2005		746.49	7.36	0.41	739.44	--	--	--	--	--	--	--
MW-10	8/15/2005		746.49	8.24	0.96	738.97	--	--	--	--	--	--	--
MW-10	10/24/2005		746.49	7.70	0.70	739.32	--	--	--	--	--	--	--
MW-10	4/24/2006	(Well inaccessible)	746.49	--	--	--	--	--	--	--	--	--	--
MW-10	8/28/2006	(Well maintenance done)	746.49	7.99	0.71	739.03	--	--	--	--	--	--	--
MW-10	10/18/2006	(Well monument replaced)	746.49	8.30	0.93	738.89	--	--	--	--	--	--	--
MW-10	12/5/2006	(Surveyed)	747.21	8.03	0.64	739.66	--	--	--	--	--	--	--
MW-10	3/28/2007		747.21	7.61	0.36	739.87	--	--	--	--	--	--	--
MW-10	5/17/2007		747.21	7.30	0.17	740.04	--	--	--	--	--	--	--
MW-10	9/20/2007		747.21	7.26	0.02	739.97	--	--	--	--	--	--	--
MW-10	12/13/2007		747.21	7.24	0.45	740.31	--	--	--	--	--	--	--
MW-10	3/27/2008		747.21	7.24	0.45	740.31	--	--	--	--	--	--	--
MW-10	5/29/2008		747.21	7.09	0.18	740.26	--	--	--	--	--	--	--
MW-10	8/21/2008		747.21	7.53	0.41	739.99	--	--	--	--	--	--	--
MW-10	11/18/2008		747.21	7.46	0.34	740.01	--	--	--	--	--	--	--
MW-10	2/12/2009		747.21	7.30	0.09	739.98	--	--	--	--	--	--	--
MW-10	5/19/2009		747.21	7.38	0.16	739.95	--	--	--	--	--	--	--
MW-10	8/6/2009		747.21	8.13	0.73	739.63	--	--	--	--	--	--	--
MW-10	11/12/2009		747.21	7.80	0.55	739.82	--	--	--	--	--	--	--
MW-10	2/18/2010		749.48	6.80	0.15	742.68	--	--	--	--	--	--	--
MW-10	6/30/2010		749.48	7.11	0.17	742.37	--	--	--	--	--	--	--
MW-10	8/13/2010		749.48	7.57	0.22	741.91	--	--	--	--	--	--	--
MW-10	11/12/2010		749.48	7.17	0.12	742.31	--	--	--	--	--	--	--
MW-10	2/15/2011		749.48	6.80	0.06	742.68	--	--	--	--	--	--	--
MW-10	10/3/2012		749.48	7.16	0.07	742.32	--	--	--	--	--	--	--
MW-10	4/7/2014		749.48	7.08	0.07	742.83	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-10	11/19/2014	(NAPL)	749.48	6.98	0.08	742.56	--	--	--	--	--	--	--
MW-10	4/29/2015	(NS)	749.48	6.95	0.0	742.53	--	--	--	--	--	--	--
MW-10	8/3/2015	(NAPL)	749.48	7.67	0.16	741.94	--	--	--	--	--	--	--
MW-10	11/2/2015	(NAPL)	749.48	7.41	0.03	742.09	--	--	--	--	--	--	--
MW-10	2/8/2016	(NS)	749.48	6.46	0.0	743.02	--	--	--	--	--	--	--
MW-11	8/29/1991		745.48	6.50	--	738.98	--	--	--	--	--	--	--
MW-11	1/29/1992		745.48	6.60	--	738.88	--	--	--	--	--	--	--
MW-11	7/24/1992		745.48	6.31	--	739.17	--	--	--	--	--	--	--
MW-11	11/30/1993		745.48	6.89	0.20	738.74	--	--	--	--	--	--	--
MW-11	4/26/1994		745.48	6.57	0.03	738.93	--	--	--	--	--	--	--
MW-11	6/8/2001		745.48	6.60	--	738.88	--	--	--	--	--	--	--
MW-11	11/15/2001		745.48	6.82	--	738.66	--	--	--	--	--	--	--
MW-11	4/3/2002		745.48	6.81	0.14	738.78	--	--	--	--	--	--	--
MW-11	9/9/2002		745.48	6.96	0.13	738.62	--	--	--	--	--	--	--
MW-11	11/18/2002		745.48	6.71	0.01	738.78	--	--	--	--	--	--	--
MW-11	1/27/2003		745.48	6.08	--	739.40	--	--	--	--	--	--	--
MW-11	4/15/2003		745.48	6.34	0.04	739.17	--	--	--	--	--	--	--
MW-11	7/29/2003		745.48	6.92	0.13	738.66	--	--	--	--	--	--	--
MW-11	10/6/2003		745.48	6.99	0.18	738.63	--	--	--	--	--	--	--
MW-11	2/16/2004		745.48	6.39	--	739.09	--	--	--	--	--	--	--
MW-11	5/24/2004		745.48	6.34	--	739.14	--	--	--	--	--	--	--
MW-11	8/9/2004		745.48	6.49	--	738.99	--	--	--	--	--	--	--
MW-11	11/1/2004		745.48	6.58	0.02	738.91	--	--	--	--	--	--	--
MW-11	2/28/2005		745.48	7.04	0.05	738.48	--	--	--	--	--	--	--
MW-11	5/24/2005		745.48	7.31	--	738.17	--	--	--	--	--	--	--
MW-11	8/15/2005		745.48	7.70	0.03	737.80	--	--	--	--	--	--	--
MW-11	10/24/2005		745.48	7.45	--	738.03	--	--	--	--	--	--	--
MW-11	4/26/2006		745.48	7.11	0.01	738.38	--	--	--	--	--	--	--
MW-11	8/29/2006		745.48	7.71	0.16	738.90	--	--	--	--	--	--	--
MW-11	10/19/2006		745.48	7.82	0.11	738.75	--	--	--	--	--	--	--
MW-11	12/5/2006		745.48	7.75	0.05	737.77	--	--	--	--	--	--	--
MW-11	3/27/2007		745.48	7.54	--	737.94	--	--	--	--	--	--	--
MW-11	5/16/2007		745.48	7.36	-0.01	738.13	--	--	--	--	--	--	--
MW-11	9/19/2007		745.48	7.68	--	737.80	--	--	--	--	--	--	--
MW-11	12/12/2007		745.48	8.30	0.02	738.21	--	--	--	--	--	--	--
MW-11	3/25/2008		745.48	7.40	--	739.09	--	--	--	--	--	--	--
MW-11	5/29/2008		745.48	7.30	0.08	739.25	--	--	--	--	--	--	--
MW-11	8/21/2008		745.48	8.48	--	738.01	--	--	--	--	--	--	--
MW-11	11/18/2008		745.48	7.51	(Sheen)	739.04	--	--	--	--	--	--	--
MW-11	2/12/2009		745.48	7.55	0.09	739.01	--	--	--	--	--	--	--
MW-11	5/21/2009		745.48	7.48	0.06	739.05	--	--	--	--	--	--	--
MW-11	8/6/2009		745.48	7.78	0.15	738.82	--	--	--	--	--	--	--
MW-11	11/12/2009		745.48	7.63	0.08	738.92	--	--	--	--	--	--	--
MW-11	2/18/2010		748.53	7.07	0.01	741.46	--	--	--	--	--	--	--
MW-11	6/30/2010		748.53	7.38	0.04	741.15	--	--	--	--	--	--	--
MW-11	8/13/2010		748.53	7.58	0.06	740.95	--	--	--	--	--	--	--
MW-11	11/11/2010		748.53	--	--	748.53	--	--	--	--	--	--	--
MW-11	2/15/2011		748.53	7.16	--	741.37	--	--	--	--	--	--	--
MW-11	10/3/2012		748.53	7.23	0.10	741.30	--	--	--	--	--	--	--
MW-11	4/7/2014		748.53	7.15	0.09	741.46	--	--	--	--	--	--	--
MW-11	11/19/2014	(NAPL)	748.53	7.03	0.08	741.56	--	--	--	--	--	--	--
MW-11	4/29/2015	(NAPL)	748.53	6.96	0.07	741.63	--	--	--	--	--	--	--
MW-11	8/3/2015	(NAPL)	748.53	7.71	0.18	740.96	--	--	--	--	--	--	--
MW-11	11/2/2015	(NAPL)	748.53	7.64	0.15	741.01	--	--	--	--	--	--	--
MW-11	2/8/2016	(NAPL)	748.53	6.87	0.05	741.70	--	--	--	--	--	--	--
MW-12	8/29/1991		747.07	7.60	--	739.47	--	--	--	--	--	--	--
MW-12	1/29/1992		747.07	7.52	--	739.55	--	--	--	--	--	--	--
MW-12	7/24/1992		747.07	7.29	--	739.78	--	--	--	--	--	--	--
MW-12	11/30/1993		747.07	7.72	--	739.35	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-12	4/26/1994		747.07	7.40	--	739.67	--	--	--	--	--	--	--
MW-12	3/17/1999		--	--	--	--	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-12	6/7/2001		747.07	7.43	--	739.64	<100	<0.25	<0.50	<1.0	<1.0	<1.0	<1.0
MW-12	11/15/2001		747.07	7.52	--	739.55	--	--	--	--	--	--	--
MW-12	11/16/2001		--	--	--	--	<50	0.354	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	4/3/2002		747.07	7.45	--	739.62	<50	0.811	0.575	<0.50	<0.50	<0.50	<1.0
MW-12	9/9/2002		747.07	7.62	--	739.45	--	--	--	--	--	--	--
MW-12	9/10/2002		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-12	11/18/2002		747.07	7.39	--	739.68	--	--	--	--	--	--	--
MW-12	1/27/2003		747.07	6.65	--	740.42	--	--	--	--	--	--	--
MW-12	1/28/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-12	4/15/2003		747.07	6.94	--	740.13	--	--	--	--	--	--	--
MW-12	7/29/2003		747.07	7.57	--	739.50	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-12	7/30/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-12	10/6/2003		747.07	7.59	--	739.48	--	--	--	--	--	--	--
MW-12	2/16/2004		747.07	6.85	--	740.22	--	--	--	--	--	--	--
MW-12	2/17/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-12	5/24/2004		747.07	7.08	--	739.99	--	--	--	--	--	--	--
MW-12	8/9/2004		747.07	7.30	--	739.77	--	--	--	--	--	--	--
MW-12	8/10/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-12	11/1/2004		747.07	7.27	--	739.80	--	--	--	--	--	--	--
MW-12	2/28/2005		747.07	7.30	--	739.77	--	--	--	--	--	--	--
MW-12	3/1/2005		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-12	3/1/2005	(Dup)	--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-12	5/24/2005		747.07	7.32	--	739.75	--	--	--	--	--	--	--
MW-12	8/15/2005		747.07	7.84	--	739.23	--	--	--	--	--	--	--
MW-12	8/16/2005		--	--	--	--	<100	<0.26	<0.42	<1.0	<1.0	<1.0	<1.0
MW-12	10/24/2005		747.07	7.48	--	739.59	--	--	--	--	--	--	--
MW-12	4/24/2006		747.07	7.17	--	739.90	--	--	--	--	--	--	--
MW-12	4/25/2006		--	--	--	--	<50	<0.253	<0.505	<0.500	<0.500	<0.500	<1.00
MW-12	8/29/2006		747.07	7.82	--	739.25	--	--	--	--	--	--	--
MW-12	10/16/2006	(Well monument replaced)	747.07	8.91	--	738.16	--	--	--	--	--	--	--
MW-12	10/18/2006		--	--	--	--	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-12	12/4/2006		747.07	7.97	--	739.10	--	--	--	--	--	--	--
MW-12	3/27/2007		747.07	7.59	--	739.48	<50.0	<0.250	<0.500	<0.500	<0.500	<0.500	<1.00
MW-12	5/15/2007		747.07	7.42	--	739.65	--	--	--	--	--	--	--
MW-12	9/19/2007		747.07	8.87	--	738.20	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-12	12/11/2007		747.07	7.14	--	739.93	--	--	--	--	--	--	--
MW-12	3/25/2008		747.07	7.39	--	739.68	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-12	5/27/2008		747.07	7.31	--	739.76	--	--	--	--	--	--	--
MW-12	8/19/2008		747.07	7.63	--	739.44	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-12	11/18/2008		747.07	7.55	--	739.52	--	--	--	--	--	--	--
MW-12	2/10/2009		747.07	7.58	--	739.49	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-12	5/19/2009		747.07	7.60	--	739.47	--	--	--	--	--	--	--
MW-12	8/4/2009		747.07	8.00	--	739.07	<50.0	<0.120	<0.240	<0.100	<0.100	<0.100	<0.200
MW-12	11/10/2009		747.07	7.75	--	739.32	--	--	--	--	--	--	--
MW-12	2/16/2010		750.15	6.73	--	743.42	<50	<120	<240(^)	<1.0	<1.0	<1.0	<2.0
MW-12	6/30/2010		750.15	7.04	--	743.11	--	--	--	--	--	--	--
MW-12	8/11/2010	(P)	750.15	7.66	--	742.49	<100	<242	--	<0.200	<1.00	<1.00	<3
MW-12	11/12/2010		750.15	7.25	--	742.90	--	--	--	--	--	--	--
MW-12	2/15/2011	(P)	750.15	7.05	--	743.10	<100	<240	--	<0.200	<1.00	<1.00	<3
MW-12	2/15/2011	(Dup)(P)	750.15	7.05	--	743.10	<100	<242	--	<0.200	<1.00	<1.00	<3
MW-12	9/12/2011	(P)	750.15	7.41	0.0	742.74	--	--	--	--	--	--	--
MW-12	9/14/2011		--	--	--	--	<100	<245	--	<0.500	<2.00	<1.00	<1.50
MW-12	9/14/2011	(Dup)	--	--	--	--	<100	<238	--	<0.500	<2.00	<1.00	<1.50
MW-12	10/3/2012	(P)	750.15	7.57	--	742.58	--	--	--	--	--	--	--
MW-12	10/4/2012		--	--	--	--	<90.0	<237	--	<0.200	<0.500	<0.500	<1.50
MW-12	4/7/2014	(LF)	750.15	7.42	0.0	742.73	<100	--	--	<0.200	<0.500	<0.500	<1.50
MW-12	4/7/2014	(Dup)(LF)	750.15	7.42	0.0	742.73	<100	--	--	<0.200	<0.500	<0.500	<1.50
MW-12	11/19/2014	(NS)	750.15	7.40	0.0	742.75	--	--	--	--	--	--	--
MW-12	11/20/2014	(LF)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	11/20/2014	(Dup)(LF)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	4/29/2015	(NS)	750.15	7.36	0.0	742.79	--	--	--	--	--	--	--
MW-12	4/30/2015	(LFP)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	4/30/2015	(Dup)(LFP)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	8/3/2015	(NS)	750.15	7.93	0.0	742.22	--	--	--	--	--	--	--
MW-12	8/4/2015	(LFP)	750.15	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-12	11/2/2015	(NS)	750.15	7.68	0.0	742.47	--	--	--	--	--	--	--
MW-12	11/3/2015	(LFP)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	2/8/2016	(NS)	750.15	6.73	0.0	743.42	--	--	--	--	--	--	--
MW-12	2/9/2016	(LFP)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-12	2/9/2016	(Dup)(LFP)	750.15	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-13	8/29/1991		746.10	7.65	0.90	739.13	--	--	--	--	--	--	--
MW-13	1/29/1992		746.10	8.54	2.00	739.06	--	--	--	--	--	--	--
MW-13	7/24/1992		746.10	8.73	2.60	739.32	--	--	--	--	--	--	--
MW-13	11/30/1993		746.10	9.93	3.54	738.83	--	--	--	--	--	--	--
MW-13	4/26/1994		746.10	9.11	2.91	739.17	--	--	--	--	--	--	--
MW-13	3/16/1999		--	--	--	--	--	--	--	--	--	--	--
MW-13	6/8/2001		--	--	--	--	--	--	--	--	--	--	--
MW-13	11/15/2001	(Well is no longer viable)	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/11/2002	(Well abandoned 9/11/02)	--	--	--	--	--	--	--	--	--	--	--
MW-14	7/24/1992		745.85	6.66	0.39	739.48	--	--	--	--	--	--	--
MW-14	11/30/1993		745.85	7.97	0.89	738.55	--	--	--	--	--	--	--
MW-14	4/26/1994		745.85	7.32	1.04	739.31	--	--	--	--	--	--	--
MW-14	3/16/1999		745.85	6.75	0.48	739.46	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-14	6/8/2001		745.85	7.06	0.65	739.28	--	--	--	--	--	--	--
MW-14	11/15/2001		745.85	7.30	0.73	739.10	--	--	--	--	--	--	--
MW-14	4/3/2002		745.85	7.09	0.63	739.23	--	--	--	--	--	--	--
MW-14	9/9/2002	(Well abandoned 8/27/02 by overexcavation)	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/24/1992		746.16	6.89	--	739.27	--	--	--	--	--	--	--
MW-15	4/26/1994		746.16	7.05	--	739.11	--	--	--	--	--	--	--
MW-15	11/30/1994		746.16	7.29	--	738.87	--	--	--	--	--	--	--
MW-15	6/8/2001		746.16	6.95	--	739.21	--	--	--	--	--	--	--
MW-15	11/15/2001		746.16	7.30	--	738.86	--	--	--	--	--	--	--
MW-15	4/3/2002		746.16	7.11	--	739.05	--	--	--	--	--	--	--
MW-15	9/9/2002		746.16	7.33	--	738.83	--	--	--	--	--	--	--
MW-15	11/18/2002		746.16	7.11	--	739.05	--	--	--	--	--	--	--
MW-15	1/27/2003		746.16	6.47	--	739.69	--	--	--	--	--	--	--
MW-15	4/15/2003		746.16	6.67	--	739.49	--	--	--	--	--	--	--
MW-15	7/29/2003		746.16	7.24	--	738.92	--	--	--	--	--	--	--
MW-15	10/6/2003		746.16	7.32	0.01	738.85	--	--	--	--	--	--	--
MW-15	2/16/2004		746.16	6.79	--	739.37	--	--	--	--	--	--	--
MW-15	5/24/2004		746.16	6.80	--	739.36	--	--	--	--	--	--	--
MW-15	8/9/2004		746.16	6.97	--	739.19	--	--	--	--	--	--	--
MW-15	11/1/2004		746.16	6.98	--	739.18	--	--	--	--	--	--	--
MW-15	2/28/2005		746.16	7.31	--	738.85	--	--	--	--	--	--	--
MW-15	5/24/2005		746.16	7.51	--	738.65	--	--	--	--	--	--	--
MW-15	8/15/2005		746.16	7.89	--	738.27	--	--	--	--	--	--	--
MW-15	10/24/2005		746.16	7.63	--	738.53	--	--	--	--	--	--	--
MW-15	4/24/2006	(Well Inaccessible)	746.16	--	--	--	--	--	--	--	--	--	--
MW-15	8/29/2006	(Well maintenance done)	746.16	7.81	--	738.35	--	--	--	--	--	--	--
MW-15	10/18/2006	(Well monument replaced)	746.16	7.96	--	738.20	--	--	--	--	--	--	--
MW-15	12/5/2006	(Surveyed)	747.19	8.20	--	738.99	--	--	--	--	--	--	--
MW-15	3/28/2007		747.19	8.09	--	739.10	--	--	--	--	--	--	--
MW-15	5/17/2007		747.19	7.91	--	739.28	--	--	--	--	--	--	--
MW-15	9/20/2007		747.19	8.22	--	738.97	--	--	--	--	--	--	--
MW-15	12/13/2007		747.19	7.71	--	739.48	--	--	--	--	--	--	--
MW-15	3/27/2008		747.19	7.94	--	739.25	--	--	--	--	--	--	--
MW-15	5/29/2008		747.19	7.75	--	739.44	--	--	--	--	--	--	--
MW-15	8/21/2008		747.19	8.01	--	739.18	--	--	--	--	--	--	--
MW-15	11/18/2008		747.19	7.98	--	739.21	--	--	--	--	--	--	--
MW-15	2/12/2009		747.19	8.05	--	739.14	--	--	--	--	--	--	--
MW-15	5/21/2009		747.19	7.97	--	739.22	--	--	--	--	--	--	--
MW-15	8/6/2009		747.19	8.25	--	738.94	--	--	--	--	--	--	--
MW-15	11/12/2009		747.19	8.11	--	739.08	--	--	--	--	--	--	--
MW-15	2/18/2010		749.52	7.54	--	741.98	--	--	--	--	--	--	--
MW-15	6/30/2010		749.52	7.85	--	741.67	--	--	--	--	--	--	--
MW-15	8/13/2010		749.52	8.07	--	741.45	--	--	--	--	--	--	--
MW-15	11/12/2010		749.52	7.86	--	741.66	--	--	--	--	--	--	--
MW-15	2/15/2011		749.52	7.61	--	741.91	--	--	--	--	--	--	--
MW-15	10/3/2012		749.52	7.77	--	741.75	--	--	--	--	--	--	--
MW-15	4/7/2014		749.52	7.67	0.0	741.85	--	--	--	--	--	--	--
MW-15	11/19/2014	(NS)	749.52	7.58	0.0	741.94	--	--	--	--	--	--	--
MW-15	4/29/2015	(NS)	749.52	7.40	0.0	742.12	--	--	--	--	--	--	--
MW-15	8/3/2015	(LFP)	749.52	8.13	0.0	741.39	<50	54(J)	410	<0.50	<0.50	<0.50	<0.50
MW-15	11/2/2015	(NS)	749.52	8.09	0.0	741.43	--	--	--	--	--	--	--
MW-15	2/8/2016	(NS)	749.52	7.36	0.0	742.16	--	--	--	--	--	--	--
MW-16	7/24/1992		747.68	7.83	--	739.85	--	--	--	--	--	--	--
MW-16	11/30/1993		747.68	8.28	--	739.40	--	--	--	--	--	--	--
MW-16	4/26/1994		747.68	7.97	--	739.71	--	--	--	--	--	--	--
MW-16	9/9/2002		747.68	8.19	--	739.49	--	--	--	--	--	--	--
MW-16	9/10/2002		--	--	--	--	<100	<0.25	0.48	<1.0	<1.0	<1.0	<1.0
MW-16	11/18/2002		747.68	7.96	--	739.72	--	--	--	--	--	--	--
MW-16	1/27/2003		747.68	7.21	--	740.47	--	--	--	--	--	--	--
MW-16	1/28/2003		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-16	4/15/2003		747.68	7.54	--	740.14	--	--	--	--	--	--	--
MW-16	7/29/2003		747.68	8.13	--	739.55	--	--	--	--	--	--	--
MW-16	7/30/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-16	10/6/2003		747.68	8.18	--	739.50	--	--	--	--	--	--	--
MW-16	2/16/2004		747.68	7.40	--	740.28	--	--	--	--	--	--	--
MW-16	2/17/2004		--	--	--	--	<100	<0.25	0.62	<1.0	<1.0	<1.0	<1.0
MW-16	5/24/2004		747.68	7.65	--	740.03	--	--	--	--	--	--	--
MW-16	8/9/2004		747.68	7.89	--	739.79	--	--	--	--	--	--	--
MW-16	8/10/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-16	11/1/2004		747.68	7.83	--	739.85	--	--	--	--	--	--	--
MW-16	2/28/2005		747.68	7.85	--	739.83	--	--	--	--	--	--	--

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Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-16	3/1/2005		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-16	5/24/2005		747.68	7.88	--	739.80	--	--	--	--	--	--	--
MW-16	8/15/2005		747.68	8.41	--	739.27	--	--	--	--	--	--	--
MW-16	8/16/2005		--	--	--	--	<100	<0.26	0.82	<1.0	<1.0	<1.0	<1.0
MW-16	8/16/2005	(Dup)	--	--	--	--	<100	<0.26	0.93	<1.0	<1.0	<1.0	<1.0
MW-16	10/24/2005		747.68	8.04	--	739.64	--	--	--	--	--	--	--
MW-16	4/24/2006	(Well maintenance done)	747.68	7.71	--	739.97	--	--	--	--	--	--	--
MW-16	4/25/2006		--	--	--	--	<50	<0.245	<0.490	<0.500	<0.500	<0.500	<1.00
MW-16	8/29/2006		747.68	8.41	--	739.27	--	--	--	--	--	--	--
MW-16	10/16/2006	(Well monument replaced)	747.68	8.50	--	739.18	--	--	--	--	--	--	--
MW-16	10/18/2006		--	--	--	--	<50.0	<0.248	<0.495	1.16	<0.500	4.33	9.57
MW-16	12/4/2006	(Surveyed)	745.75	8.72	--	737.03	--	--	--	--	--	--	--
MW-16	3/27/2007		745.75	8.32	--	737.43	<50.0	<0.250	<0.500	<0.500	<0.500	<0.500	<1.00
MW-16	5/15/2007		745.75	8.14	--	737.61	--	--	--	--	--	--	--
MW-16	9/19/2007		745.75	5.62	--	740.13	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-16	12/11/2007		745.75	7.89	--	737.86	--	--	--	--	--	--	--
MW-16	3/25/2008		745.75	8.11	--	737.64	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-16	5/27/2008		745.75	8.03	--	737.72	--	--	--	--	--	--	--
MW-16	8/19/2008		745.75	8.36	--	737.39	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-16	11/18/2008		745.75	8.27	--	737.48	--	--	--	--	--	--	--
MW-16	2/10/2009		745.75	8.30	--	737.45	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	2.02
MW-16	5/19/2009		745.75	8.30	--	737.45	--	--	--	--	--	--	--
MW-16	8/4/2009		745.75	8.72	--	737.03	<50.0	<0.120	<0.240	<0.100	<0.100	<0.100	<0.200
MW-16	11/10/2009		745.75	8.49	--	737.26	--	--	--	--	--	--	--
MW-16	2/16/2010		750.94	7.65	--	743.29	<50	<120	<240(*)	<1.0	<1.0	<1.0	<2.0
MW-16	6/30/2010		750.94	7.96	--	742.98	--	--	--	--	--	--	--
MW-16	8/11/2010	(P)	750.94	8.37	--	742.57	<100	<237	--	<0.200	<1.00	<1.00	<3
MW-16	11/12/2010		750.94	8.51	--	742.43	--	--	--	--	--	--	--
MW-16	2/15/2011	(P)	750.94	7.74	--	743.20	<100	<260	--	<0.200	<1.00	<1.00	<3
MW-16	9/12/2011	(P)	750.94	8.14	0.0	742.80	--	--	--	--	--	--	--
MW-16	9/14/2011		--	--	--	--	<100	<238	--	<0.500	<2.00	<1.00	<1.50
MW-16	10/3/2012	(P)	750.94	8.29	--	742.65	--	--	--	--	--	--	--
MW-16	10/4/2012		--	--	--	--	<90.0	<238	--	<0.200	<0.500	<0.500	<1.50
MW-16	4/7/2014		750.94	8.16	0.0	742.78	<100	--	--	<0.200	<0.500	<0.500	<1.50
MW-16	11/19/2014	(NS)	750.94	8.14	0.0	742.80	--	--	--	--	--	--	--
MW-16	11/20/2014	(LF)	750.94	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MW-16	4/29/2015	(NS)	750.94	8.05	0.0	742.89	--	--	--	--	--	--	--
MW-16	4/30/2015	(LFP)	750.94	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-16	8/3/2015	(NS)	750.94	8.61	0.0	742.33	--	--	--	--	--	--	--
MW-16	8/4/2015	(LFP)	750.94	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-16	11/2/2015	(NS)	750.94	8.41	0.0	742.53	--	--	--	--	--	--	--
MW-16	11/3/2015	(LFP)	750.94	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-16	2/8/2016	(NS)	750.94	7.49	0.0	743.45	--	--	--	--	--	--	--
MW-16	2/9/2016	(LFP)	750.94	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-17	7/24/1992		746.73	6.00	--	740.73	--	--	--	--	--	--	--
MW-17	11/30/1993		746.73	7.32	--	739.41	--	--	--	--	--	--	--
MW-17	4/26/1994		746.73	6.00	--	740.73	--	--	--	--	--	--	--
MW-17	6/8/2001		746.73	6.06	--	740.67	--	--	--	--	--	--	--
MW-17	11/15/2001		746.73	6.25	--	740.48	--	--	--	--	--	--	--
MW-17	4/3/2002		746.73	6.09	--	740.64	--	--	--	--	--	--	--
MW-17	9/9/2002		746.73	6.20	--	740.53	--	--	--	--	--	--	--
MW-17	11/18/2002		746.73	6.00	--	740.73	--	--	--	--	--	--	--
MW-17	1/27/2003		746.73	5.16	--	741.57	--	--	--	--	--	--	--
MW-17	4/15/2003		746.73	5.10	--	741.63	--	--	--	--	--	--	--
MW-17	7/29/2003		746.73	6.21	--	740.52	--	--	--	--	--	--	--
MW-17	10/6/2003		746.73	6.19	--	740.54	--	--	--	--	--	--	--
MW-17	2/16/2004		746.73	5.42	--	741.31	--	--	--	--	--	--	--
MW-17	5/24/2004		746.73	5.67	--	741.06	--	--	--	--	--	--	--
MW-17	8/9/2004		746.73	5.89	--	740.84	--	--	--	--	--	--	--
MW-17	11/1/2004		746.73	5.89	--	740.84	--	--	--	--	--	--	--
MW-17	2/28/2005		746.73	5.94	--	740.79	--	--	--	--	--	--	--
MW-17	5/24/2005		746.73	5.99	--	740.74	--	--	--	--	--	--	--
MW-17	8/15/2005		746.73	6.55	--	740.18	--	--	--	--	--	--	--
MW-17	10/24/2005		746.73	6.13	--	740.60	--	--	--	--	--	--	--
MW-17	4/24/2006		746.73	5.82	--	740.91	--	--	--	--	--	--	--
MW-17	8/28/2006		746.73	6.46	--	740.27	--	--	--	--	--	--	--
MW-17	10/16/2006	(Well monument replaced)	746.73	6.46	--	740.27	--	--	--	--	--	--	--
MW-17	12/4/2006		746.73	6.50	--	740.23	--	--	--	--	--	--	--
MW-17	3/26/2007		746.73	6.24	--	740.49	--	--	--	--	--	--	--
MW-17	5/15/2007		746.73	6.06	--	740.67	--	--	--	--	--	--	--
MW-17	9/18/2007		746.73	6.45	--	740.28	--	--	--	--	--	--	--
MW-17	12/11/2007		746.73	5.73	--	741.00	--	--	--	--	--	--	--
MW-17	3/25/2008		746.73	6.05	--	740.68	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-17	5/27/2008		746.73	5.95	--	740.78	--	--	--	--	--	--	--
MW-17	8/19/2008		746.73	6.30	--	740.43	--	--	--	--	--	--	--
MW-17	11/18/2008		746.73	6.17	--	740.56	--	--	--	--	--	--	--
MW-17	2/10/2009		746.73	6.22	--	740.51	--	--	--	--	--	--	--
MW-17	5/19/2009		746.73	6.25	--	740.48	--	--	--	--	--	--	--
MW-17	8/4/2009		746.73	6.60	--	740.13	--	--	--	--	--	--	--
MW-17	11/10/2009		746.73	7.45	--	739.28	--	--	--	--	--	--	--
MW-17	2/16/2010		749.45	5.59	--	743.86	--	--	--	--	--	--	--
MW-17	6/30/2010		749.45	5.90	--	743.55	--	--	--	--	--	--	--
MW-17	8/11/2010		749.45	6.31	--	743.14	--	--	--	--	--	--	--
MW-17	11/11/2010		749.45	5.88	--	743.57	--	--	--	--	--	--	--
MW-17	2/15/2011		749.45	5.76	--	743.69	--	--	--	--	--	--	--
MW-17	9/12/2011		749.45	6.05	0.0	743.40	--	--	--	--	--	--	--
MW-17	10/3/2012		749.45	6.17	--	743.28	--	--	--	--	--	--	--
MW-17	4/7/2014		749.45	6.13	0.0	743.32	--	--	--	--	--	--	--
MW-17	11/19/2014	(NS)	749.45	6.01	0.0	743.44	--	--	--	--	--	--	--
MW-17	4/29/2015	(NS)	749.45	6.01	0.0	743.44	--	--	--	--	--	--	--
MW-17	8/3/2015	(NS)	749.45	6.61	0.0	742.84	--	--	--	--	--	--	--
MW-17	11/2/2015	(NS)	749.45	6.69	0.0	742.76	--	--	--	--	--	--	--
MW-17	2/8/2016	(NS)	749.45	5.40	0.0	744.05	--	--	--	--	--	--	--
MW-18	7/24/1992		745.28	5.29	--	739.99	--	--	--	--	--	--	--
MW-18	11/30/1993		745.28	6.00	--	739.28	--	--	--	--	--	--	--
MW-18	4/26/1994		745.28	5.92	--	739.36	--	--	--	--	--	--	--
MW-18	4/24/2006	(Well maintenance done)	745.28	6.20	--	739.08	--	--	--	--	--	--	--
MW-18	8/28/2006		745.28	6.24	--	739.04	--	--	--	--	--	--	--
MW-18	10/16/2006		745.28	6.31	--	738.97	--	--	--	--	--	--	--
MW-18	12/5/2006		745.28	6.32	--	738.96	--	--	--	--	--	--	--
MW-18	3/26/2007		745.28	6.16	--	739.12	--	--	--	--	--	--	--
MW-18	5/15/2007		745.28	6.12	--	739.16	--	--	--	--	--	--	--
MW-18	9/19/2007		745.28	6.38	--	738.90	--	--	--	--	--	--	--
MW-18	12/11/2007		745.28	6.08	--	739.20	--	--	--	--	--	--	--
MW-18	3/25/2008		745.28	6.09	--	739.19	--	--	--	--	--	--	--
MW-18	5/27/2008		745.28	6.08	--	739.20	--	--	--	--	--	--	--
MW-18	8/19/2008		745.28	6.25	--	739.03	--	--	--	--	--	--	--
MW-18	11/18/2008		745.28	6.21	--	739.07	--	--	--	--	--	--	--
MW-18	2/10/2009		745.28	6.22	--	739.06	--	--	--	--	--	--	--
MW-18	5/19/2009		745.28	6.17	--	739.11	--	--	--	--	--	--	--
MW-18	8/4/2009		745.28	6.32	--	738.96	--	--	--	--	--	--	--
MW-18	11/10/2009		745.28	6.28	--	739.00	--	--	--	--	--	--	--
MW-18	2/16/2010		748.27	6.02	--	742.25	--	--	--	--	--	--	--
MW-18	6/30/2010		748.27	6.33	--	741.94	--	--	--	--	--	--	--
MW-18	8/11/2010		748.27	6.25	--	742.02	--	--	--	--	--	--	--
MW-18	11/11/2010		748.27	6.15	--	742.12	--	--	--	--	--	--	--
MW-18	2/15/2011		748.27	6.05	--	742.22	--	--	--	--	--	--	--
MW-18	9/12/2011		748.27	6.22	0.0	742.05	--	--	--	--	--	--	--
MW-18	10/3/2012		748.27	6.29	--	741.98	--	--	--	--	--	--	--
MW-18	4/7/2014		748.27	6.13	0.0	742.14	--	--	--	--	--	--	--
MW-18	11/19/2014	(NS)	748.27	6.22	0.0	742.05	--	--	--	--	--	--	--
MW-18	4/29/2015	(NS)	748.27	6.21	0.0	742.06	--	--	--	--	--	--	--
MW-18	8/3/2015	(NS)	748.27	6.51	0.0	741.76	--	--	--	--	--	--	--
MW-18	11/2/2015	(NS)	748.27	6.42	0.0	741.85	--	--	--	--	--	--	--
MW-18	2/8/2016	(NS)	748.27	6.10	0.0	742.17	--	--	--	--	--	--	--
MW-19	7/24/1992		745.38	5.27	--	740.11	--	--	--	--	--	--	--
MW-19	11/30/1993		745.38	5.91	--	739.47	--	--	--	--	--	--	--
MW-19	4/26/1994		745.38	5.45	--	739.93	--	--	--	--	--	--	--
MW-19	4/24/2006	(Well maintenance done)	745.38	5.29	--	740.09	--	--	--	--	--	--	--
MW-19	8/28/2006		745.38	5.80	--	739.58	--	--	--	--	--	--	--
MW-19	10/16/2006	(Well monument replaced)	745.38	5.83	--	739.55	--	--	--	--	--	--	--
MW-19	12/4/2006	(Surveyed)	747.91	5.90	--	742.01	--	--	--	--	--	--	--
MW-19	3/26/2007		747.91	6.02	--	741.89	--	--	--	--	--	--	--
MW-19	5/15/2007		747.91	5.87	--	742.04	--	--	--	--	--	--	--
MW-19	9/18/2007		747.91	6.15	--	741.76	--	--	--	--	--	--	--
MW-19	12/11/2007		747.91	5.54	--	742.37	--	--	--	--	--	--	--
MW-19	3/25/2008		747.91	5.90	--	742.01	--	--	--	--	--	--	--
MW-19	5/27/2008		747.91	5.79	--	742.12	--	--	--	--	--	--	--
MW-19	8/19/2008		747.91	9.06	--	738.85	--	--	--	--	--	--	--
MW-19	2/10/2009		747.91	9.01	--	738.90	--	--	--	--	--	--	--
MW-19	5/19/2009		747.91	6.02	--	741.89	--	--	--	--	--	--	--
MW-19	8/4/2009		747.91	6.31	--	741.60	--	--	--	--	--	--	--
MW-19	11/10/2009		747.91	6.10	--	741.81	--	--	--	--	--	--	--
MW-19	11/18/2009		747.91	6.16	--	741.75	--	--	--	--	--	--	--
MW-19	2/16/2010		748.74	5.42	--	743.32	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-19	7/1/2010		748.74	5.73	--	743.01	--	--	--	--	--	--	--
MW-19	8/13/2010		748.74	6.03	--	742.71	--	--	--	--	--	--	--
MW-19	11/11/2010		748.74	5.65	--	743.09	--	--	--	--	--	--	--
MW-19	2/15/2011		748.74	5.58	--	743.16	--	--	--	--	--	--	--
MW-19	10/3/2012	(Not Measured)	748.74	--	--	--	--	--	--	--	--	--	--
MW-19	4/7/2014		748.74	5.89	0.0	742.85	--	--	--	--	--	--	--
MW-19	11/19/2014	(NS)	748.74	5.84	0.0	742.90	--	--	--	--	--	--	--
MW-19	4/29/2015	(NS)	748.74	5.72	0.0	743.02	--	--	--	--	--	--	--
MW-19	8/3/2015	(NS)	748.74	6.21	0.0	742.53	--	--	--	--	--	--	--
MW-19	11/2/2015	(NS)	748.74	5.96	0.0	742.78	--	--	--	--	--	--	--
MW-19	2/8/2016	(NS)	748.74	5.35	0.0	743.39	--	--	--	--	--	--	--
MW-20	7/24/1992		734.77	8.90	--	725.87	--	--	--	--	--	--	--
MW-20	11/30/1993		734.77	9.20	--	725.57	<50	0.49	2.13	<0.50	<1.0	<1.0	<1.0
MW-20	4/26/1994		734.77	8.98	--	725.79	--	--	--	--	--	--	--
MW-20	6/6/1994		734.77	8.95	--	725.82	--	--	--	--	--	--	--
MW-20	3/17/1999		--	--	--	--	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-20	6/7/2001		--	--	--	--	<100	<0.25	<0.50	<1.0	<1.0	<1.0	<1.0
MW-20	6/8/2001		734.77	8.99	--	725.78	--	--	--	--	--	--	--
MW-20	11/15/2001		734.77	9.10	--	725.67	--	--	--	--	--	--	--
MW-20	11/16/2001		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-20	4/3/2002		734.77	8.97	--	725.80	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-20	9/9/2002		734.77	9.22	--	725.55	--	--	--	--	--	--	--
MW-20	9/10/2002		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-20	11/18/2002		734.77	9.07	--	725.70	--	--	--	--	--	--	--
MW-20	1/27/2003		734.77	8.60	--	726.17	--	--	--	--	--	--	--
MW-20	1/28/2003		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-20	4/15/2003		734.77	8.69	--	726.08	--	--	--	--	--	--	--
MW-20	7/29/2003		734.77	9.10	--	725.67	--	--	--	--	--	--	--
MW-20	7/30/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-20	10/6/2003		734.77	9.14	--	725.63	--	--	--	--	--	--	--
MW-20	2/16/2004		734.77	8.65	--	726.12	--	--	--	--	--	--	--
MW-20	2/17/2004		--	--	--	--	<100	<0.25	0.45	<1.0	<1.0	<1.0	<1.0
MW-20	5/24/2004		734.77	8.83	--	725.94	--	--	--	--	--	--	--
MW-20	8/9/2004		734.77	8.97	--	725.80	--	--	--	--	--	--	--
MW-20	8/10/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-20	11/1/2004		734.77	9.00	--	725.77	--	--	--	--	--	--	--
MW-20	2/28/2005		734.77	8.89	--	725.88	--	--	--	--	--	--	--
MW-20	3/1/2005		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-20	5/24/2005		734.77	8.91	--	725.86	--	--	--	--	--	--	--
MW-20	8/15/2005		734.77	9.20	--	725.57	--	--	--	--	--	--	--
MW-20	8/16/2005		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-20	10/24/2005		734.77	9.07	--	725.70	--	--	--	--	--	--	--
MW-20	4/26/2006		734.77	8.80	--	725.97	<50	<0.245	<0.490	<0.500	<0.500	<0.500	<1.00
MW-20	8/28/2006		734.77	9.28	--	725.49	--	--	--	--	--	--	--
MW-20	10/17/2006		734.77	9.44	--	725.33	--	--	--	--	--	--	--
MW-20	10/18/2006		--	--	--	--	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-20	12/5/2006		734.77	9.35	--	725.42	--	--	--	--	--	--	--
MW-20	3/27/2007		734.77	9.15	--	725.62	<50.0	<0.255	<0.510	<0.500	<0.500	<0.500	<1.00
MW-20	5/15/2007		734.77	8.98	--	725.79	--	--	--	--	--	--	--
MW-20	9/18/2007		734.77	9.36	--	725.41	--	--	--	--	--	--	--
MW-20	9/19/2007		--	--	--	--	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-20	12/12/2007		734.77	8.92	--	725.85	--	--	--	--	--	--	--
MW-20	3/25/2008		734.77	8.94	--	725.83	201	0.332	1.56	<0.500	<0.500	<0.500	92.7
MW-20	5/28/2008		734.77	8.97	--	725.80	--	--	--	--	--	--	--
MW-20	8/20/2008		734.77	9.21	--	725.56	<50.0	--	--	<0.500	<0.500	<0.500	<1.00
MW-20	2/11/2009		734.77	9.16	--	725.61	<50.0	<0.236	0.815	<0.500	<0.500	<0.500	<1.00
MW-20	5/20/2009		734.77	9.22	--	725.55	--	--	--	--	--	--	--
MW-20	8/5/2009		734.77	9.48	--	725.29	<50.0	<0.120	0.66	<0.100	<0.100	<0.100	<0.200
MW-20	11/11/2009		734.77	9.30	--	725.47	--	--	--	--	--	--	--
MW-20	11/19/2009		734.77	9.22	--	725.55	--	--	--	--	--	--	--
MW-20	2/17/2010		746.78	8.79	--	737.99	<50	140	1,900	<1.0	<1.0	<1.0	<2.0
MW-20	7/1/2010		746.78	9.10	--	737.68	--	--	--	--	--	--	--
MW-20	8/13/2010	(P)	746.78	9.27	--	737.51	<100	561	--	<0.200	<1.00	<1.00	<3
MW-20	11/12/2010		746.78	9.14	--	737.64	--	--	--	--	--	--	--
MW-20	2/15/2011	(P)	746.78	8.82	--	737.96	<100	<240	--	<0.200	<1.00	<1.00	<3
MW-20	9/12/2011	(P)	746.78	9.18	0.0	737.60	--	--	--	--	--	--	--
MW-20	9/13/2011		--	--	--	--	<100	<238	--	<0.500	<2.00	<1.00	<1.50
MW-20	10/3/2012	(P)	746.78	9.23	--	737.55	--	--	--	--	--	--	--
MW-20	10/4/2012		--	--	--	--	<90.0	<237	--	<0.200	<0.500	<0.500	<1.50
MW-20	4/8/2014		746.78	8.73	0.0	738.05	<100	--	--	<0.200	<0.500	<0.500	<1.50
MW-20	11/19/2014	(NS)	746.78	8.91	0.0	737.87	--	--	--	--	--	--	--
MW-20	11/20/2014	(LF)	746.78	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-20	4/29/2015	(LFP)	746.78	8.78	0.0	738.00	<50	<28	<66	<0.50	<0.50	<0.50	<0.50

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-20	8/3/2015	(LFP)	746.78	9.23	0.0	737.55	170(J)	99	<67	<0.50	<0.50	3.1	9.9
MW-20	11/2/2015	(LFP)	746.78	8.98	0.0	737.80	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-20	2/8/2016	(LFP)	746.78	8.41	0.0	738.37	170(J)	1,700	1,100	<0.50	30	<0.50	<0.50
MW-21	12/2/1993		745.40	6.49	--	738.91	--	--	--	--	--	--	--
MW-21	4/26/1994		745.40	6.22	--	739.18	--	--	--	--	--	--	--
MW-21	6/8/2001		745.40	6.38	--	739.02	--	--	--	--	--	--	--
MW-21	11/15/2001		745.40	6.51	--	738.89	--	--	--	--	--	--	--
MW-21	4/3/2002		745.40	6.47	--	738.93	--	--	--	--	--	--	--
MW-21	9/9/2002		745.40	6.60	--	738.80	--	--	--	--	--	--	--
MW-21	11/18/2002		745.40	6.45	--	738.95	--	--	--	--	--	--	--
MW-21	1/27/2003		745.40	5.82	--	739.58	--	--	--	--	--	--	--
MW-21	4/15/2003		745.40	6.00	--	739.40	--	--	--	--	--	--	--
MW-21	7/29/2003		745.40	6.50	--	738.90	--	--	--	--	--	--	--
MW-21	10/6/2003		745.40	6.46	--	738.94	--	--	--	--	--	--	--
MW-21	2/16/2004		745.40	5.93	--	739.47	--	--	--	--	--	--	--
MW-21	5/24/2004		745.40	6.02	--	739.38	--	--	--	--	--	--	--
MW-21	8/9/2004		745.40	6.17	--	739.23	--	--	--	--	--	--	--
MW-21	11/1/2004		745.40	6.21	--	739.19	--	--	--	--	--	--	--
MW-21	2/28/2005		745.40	6.48	--	738.92	--	--	--	--	--	--	--
MW-21	5/24/2005		745.40	6.71	--	738.69	--	--	--	--	--	--	--
MW-21	8/15/2005		745.40	7.05	--	738.35	--	--	--	--	--	--	--
MW-21	10/24/2005		745.40	6.89	--	738.51	--	--	--	--	--	--	--
MW-21	4/24/2006	(Well maintenance done)	745.40	6.55	--	738.85	--	--	--	--	--	--	--
MW-21	8/28/2006		745.40	7.03	--	738.37	--	--	--	--	--	--	--
MW-21	10/16/2006		745.40	7.19	--	738.21	--	--	--	--	--	--	--
MW-21	12/4/2006		745.40	6.26	--	739.14	--	--	--	--	--	--	--
MW-21	3/26/2007		745.40	6.92	--	738.48	--	--	--	--	--	--	--
MW-21	5/17/2007		745.40	6.80	--	738.60	--	--	--	--	--	--	--
MW-21	9/18/2007		745.40	7.18	--	738.22	--	--	--	--	--	--	--
MW-21	12/11/2007		745.40	6.62	--	738.78	--	--	--	--	--	--	--
MW-21	3/25/2008		745.40	6.83	--	738.57	--	--	--	--	--	--	--
MW-21	5/27/2008		745.40	6.80	--	738.60	--	--	--	--	--	--	--
MW-21	8/19/2008		745.40	6.99	--	738.41	--	--	--	--	--	--	--
MW-21	2/10/2009		745.40	6.95	--	738.45	--	--	--	--	--	--	--
MW-21	5/19/2009		745.40	6.94	--	738.46	--	--	--	--	--	--	--
MW-21	8/4/2009		745.40	7.17	--	738.23	--	--	--	--	--	--	--
MW-21	11/10/2009		745.40	7.02	--	738.38	--	--	--	--	--	--	--
MW-21	11/18/2009		745.40	6.43	--	738.97	--	--	--	--	--	--	--
MW-21	2/16/2010		748.41	6.47	--	741.94	--	--	--	--	--	--	--
MW-21	6/30/2010		748.41	6.78	--	741.63	--	--	--	--	--	--	--
MW-21	8/11/2010		748.41	6.97	--	741.44	--	--	--	--	--	--	--
MW-21	11/11/2010		748.41	6.70	--	741.71	--	--	--	--	--	--	--
MW-21	2/15/2011		748.41	6.44	--	741.97	--	--	--	--	--	--	--
MW-21	10/3/2012		748.41	6.75	--	741.66	--	--	--	--	--	--	--
MW-21	4/7/2014		748.41	6.86	0.0	741.55	--	--	--	--	--	--	--
MW-21	11/19/2014	(NS)	748.41	6.56	0.0	741.85	--	--	--	--	--	--	--
MW-21	4/29/2015	(NS)	748.41	6.58	0.0	741.83	--	--	--	--	--	--	--
MW-21	8/3/2015	(NS)	748.41	7.24	0.0	741.17	--	--	--	--	--	--	--
MW-21	11/2/2015	(NS)	748.41	7.01	0.0	741.40	--	--	--	--	--	--	--
MW-21	2/8/2016	(NS)	748.41	6.34	0.0	742.07	--	--	--	--	--	--	--
MW-22	12/2/1993		745.90	6.56	--	739.34	--	--	--	--	--	--	--
MW-22	4/26/1994		745.90	6.21	--	739.69	--	--	--	--	--	--	--
MW-22	4/24/2006	(Well maintenance done)	745.90	6.12	--	739.78	--	--	--	--	--	--	--
MW-22	8/28/2006		745.90	6.66	--	739.24	--	--	--	--	--	--	--
MW-22	10/16/2006		745.90	6.75	--	739.15	--	--	--	--	--	--	--
MW-22	12/4/2006		745.90	5.68	--	740.22	--	--	--	--	--	--	--
MW-22	3/26/2007		745.90	6.49	--	739.41	--	--	--	--	--	--	--
MW-22	5/15/2007		745.90	6.35	--	739.55	--	--	--	--	--	--	--
MW-22	9/18/2007		745.90	6.70	--	739.20	--	--	--	--	--	--	--
MW-22	12/11/2007		745.90	6.07	--	739.83	--	--	--	--	--	--	--
MW-22	3/25/2008		745.90	6.40	--	739.50	--	--	--	--	--	--	--
MW-22	5/27/2008		745.90	6.33	--	739.57	--	--	--	--	--	--	--
MW-22	8/20/2008		745.90	6.56	--	739.34	--	--	--	--	--	--	--
MW-22	2/10/2009		745.90	6.53	--	739.37	--	--	--	--	--	--	--
MW-22	5/19/2009		745.90	6.54	--	739.36	--	--	--	--	--	--	--
MW-22	8/4/2009		745.90	6.83	--	739.07	--	--	--	--	--	--	--
MW-22	11/10/2009		745.90	6.64	--	739.26	--	--	--	--	--	--	--
MW-22	11/18/2009		745.90	6.47	--	739.43	--	--	--	--	--	--	--
MW-22	2/16/2010		748.90	5.95	--	742.95	--	--	--	--	--	--	--
MW-22	6/30/2010		748.90	6.26	--	742.64	--	--	--	--	--	--	--
MW-22	8/11/2010		748.90	6.56	--	742.34	--	--	--	--	--	--	--
MW-22	11/11/2010		748.90	6.28	--	742.62	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-22	2/15/2011		748.90	6.06	--	742.84	--	--	--	--	--	--	--
MW-22	10/3/2012		748.90	6.39	--	742.51	--	--	--	--	--	--	--
MW-22	4/7/2014		748.90	6.36	0.0	742.54	--	--	--	--	--	--	--
MW-22	11/19/2014	(NS)	748.90	6.27	0.0	742.63	--	--	--	--	--	--	--
MW-22	4/29/2015	(NS)	748.90	6.41	0.0	742.49	--	--	--	--	--	--	--
MW-22	8/3/2015	(NS)	748.90	6.82	0.0	742.08	--	--	--	--	--	--	--
MW-22	11/2/2015	(NS)	748.90	6.63	0.0	742.27	--	--	--	--	--	--	--
MW-22	2/8/2016	(NS)	748.90	5.90	0.0	743.00	--	--	--	--	--	--	--
MW-23	12/2/1993		746.19	6.67	--	739.52	--	--	--	--	--	--	--
MW-23	4/26/1994		746.19	6.33	--	739.86	--	--	--	--	--	--	--
MW-23	4/24/2006	(Well maintenance done)	746.19	6.19	--	740.00	--	--	--	--	--	--	--
MW-23	8/28/2006		746.19	6.71	--	739.48	--	--	--	--	--	--	--
MW-23	10/16/2006		746.19	6.77	--	739.42	--	--	--	--	--	--	--
MW-23	12/4/2006		746.19	3.51	--	742.68	--	--	--	--	--	--	--
MW-23	3/26/2007		746.19	6.54	--	739.65	--	--	--	--	--	--	--
MW-23	5/15/2007		746.19	6.41	--	739.78	--	--	--	--	--	--	--
MW-23	9/18/2007		746.19	6.72	--	739.47	--	--	--	--	--	--	--
MW-23	12/11/2007		746.19	6.11	--	740.08	--	--	--	--	--	--	--
MW-23	3/25/2008		746.19	6.40	--	739.79	--	--	--	--	--	--	--
MW-23	5/27/2008		746.19	6.37	--	739.82	--	--	--	--	--	--	--
MW-23	8/19/2008		746.19	6.61	--	739.58	--	--	--	--	--	--	--
MW-23	2/10/2009		746.19	5.50	--	740.69	--	--	--	--	--	--	--
MW-23	5/19/2009		746.19	6.59	--	739.60	--	--	--	--	--	--	--
MW-23	8/4/2009		746.19	6.88	--	739.31	--	--	--	--	--	--	--
MW-23	11/10/2009		746.19	6.67	--	739.52	--	--	--	--	--	--	--
MW-23	11/18/2009		746.19	6.50	--	739.69	--	--	--	--	--	--	--
MW-23	2/16/2010		749.17	6.00	--	743.17	--	--	--	--	--	--	--
MW-23	6/30/2010		749.17	6.31	0.01	742.86	--	--	--	--	--	--	--
MW-23	8/11/2010		749.17	6.61	0.01	742.56	--	--	--	--	--	--	--
MW-23	11/11/2010		749.17	6.29	--	742.88	--	--	--	--	--	--	--
MW-23	2/15/2011		749.17	6.11	--	743.06	--	--	--	--	--	--	--
MW-23	9/12/2011		749.17	6.44	0.0	742.73	--	--	--	--	--	--	--
MW-23	10/3/2012		749.17	6.45	--	742.72	--	--	--	--	--	--	--
MW-23	4/7/2014		749.17	6.45	0.0	742.72	--	--	--	--	--	--	--
MW-23	11/19/2014	(NS)	749.17	6.34	0.0	742.83	--	--	--	--	--	--	--
MW-23	4/29/2015	(NS)	749.17	6.31	0.0	742.86	--	--	--	--	--	--	--
MW-23	8/3/2015	(NS)	749.17	6.91	0.0	742.26	--	--	--	--	--	--	--
MW-23	11/2/2015	(NS)	749.17	6.68	0.0	742.49	--	--	--	--	--	--	--
MW-23	2/8/2016	(NS)	749.17	5.98	0.0	743.19	--	--	--	--	--	--	--
MW-24	12/2/1993		746.17	7.31	--	738.86	--	--	--	--	--	--	--
MW-24	4/26/1994		746.17	6.95	--	739.22	--	--	--	--	--	--	--
MW-24	4/24/2006	(Well Inaccessible)	746.17	--	--	--	--	--	--	--	--	--	--
MW-24	8/28/2006	(Well maintenance done)	746.17	7.59	--	738.58	--	--	--	--	--	--	--
MW-24	10/16/2006		746.17	7.56	--	738.61	--	--	--	--	--	--	--
MW-24	12/4/2006		746.17	7.45	--	738.72	--	--	--	--	--	--	--
MW-24	3/26/2007		746.17	7.27	--	738.90	--	--	--	--	--	--	--
MW-24	5/15/2007		746.17	7.16	--	739.01	--	--	--	--	--	--	--
MW-24	9/18/2007		746.17	7.77	--	738.40	--	--	--	--	--	--	--
MW-24	12/11/2007		746.17	6.91	--	739.26	--	--	--	--	--	--	--
MW-24	3/25/2008		746.17	7.17	--	739.00	--	--	--	--	--	--	--
MW-24	5/27/2008		746.17	7.20	--	738.97	--	--	--	--	--	--	--
MW-24	8/20/2008		746.17	7.40	--	738.77	--	--	--	--	--	--	--
MW-24	2/10/2009		746.17	7.32	--	738.85	--	--	--	--	--	--	--
MW-24	5/19/2009		746.17	7.30	--	738.87	--	--	--	--	--	--	--
MW-24	8/4/2009		746.17	7.61	--	738.56	--	--	--	--	--	--	--
MW-24	11/10/2009		746.17	7.46	--	738.71	--	--	--	--	--	--	--
MW-24	11/18/2009		746.17	6.21	--	739.96	--	--	--	--	--	--	--
MW-24	2/16/2010		748.16	--	--	--	--	--	--	--	--	--	--
MW-24	6/30/2010	(Car Parked On Top)	748.16	--	--	--	--	--	--	--	--	--	--
MW-24	8/11/2010	(NM)	748.16	--	--	--	--	--	--	--	--	--	--
MW-24	11/11/2010		748.16	--	--	--	--	--	--	--	--	--	--
MW-24	10/3/2012	(Not Measured)	748.16	--	--	--	--	--	--	--	--	--	--
MW-25	11/30/1993		--	--	--	--	<50	0.34	--	<0.50	<1.0	<1.0	<1.0
MW-25	12/2/1993		745.07	6.27	--	738.80	--	--	--	--	--	--	--
MW-25	4/26/1994		745.07	5.94	--	739.13	--	--	--	--	--	--	--
MW-25	3/17/1999		--	--	--	--	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-25	6/7/2001		745.07	5.94	--	739.13	<100	<0.25	<0.50	<1.0	<1.0	<1.0	<1.0
MW-25	11/15/2001		745.07	6.13	--	738.94	--	--	--	--	--	--	--
MW-25	11/16/2001		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-25	4/3/2002		745.07	6.15	--	738.92	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-25	9/9/2002		745.07	6.33	--	738.74	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-25	9/10/2002		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-25	11/18/2002		745.07	6.08	--	738.99	--	--	--	--	--	--	--
MW-25	1/27/2003		745.07	5.44	--	739.63	--	--	--	--	--	--	--
MW-25	1/28/2003		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-25	4/15/2003		745.07	5.64	--	739.43	--	--	--	--	--	--	--
MW-25	7/29/2003		745.07	6.12	--	738.95	--	--	--	--	--	--	--
MW-25	7/30/2003		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-25	10/6/2003		745.07	6.14	--	738.93	--	--	--	--	--	--	--
MW-25	2/16/2004		745.07	5.53	--	739.54	--	--	--	--	--	--	--
MW-25	2/17/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-25	5/24/2004		745.07	5.71	--	739.36	--	--	--	--	--	--	--
MW-25	8/9/2004		745.07	5.87	--	739.20	--	--	--	--	--	--	--
MW-25	8/10/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-25	11/1/2004		745.07	5.86	--	739.21	--	--	--	--	--	--	--
MW-25	2/28/2005		745.07	6.29	--	738.78	--	--	--	--	--	--	--
MW-25	3/1/2005		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-25	5/24/2005		745.07	6.55	--	738.52	--	--	--	--	--	--	--
MW-25	8/15/2005		745.07	6.94	--	738.13	--	--	--	--	--	--	--
MW-25	8/16/2005		--	--	--	--	<100	<0.26	<0.42	<1.0	<1.0	<1.0	<1.0
MW-25	10/24/2005		745.07	6.67	--	738.40	--	--	--	--	--	--	--
MW-25	4/26/2006		745.07	6.39	--	738.68	<50	<0.243	<0.485	<0.500	<0.500	<0.500	<1.00
MW-25	8/29/2006		745.07	6.86	--	738.21	--	--	--	--	--	--	--
MW-25	10/17/2006		745.07	7.02	--	738.05	--	--	--	--	--	--	--
MW-25	10/18/2006		--	--	--	--	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-25	12/5/2006		745.07	6.61	--	738.46	--	--	--	--	--	--	--
MW-25	3/27/2007		745.07	6.69	--	738.38	<50.0	<0.250	<0.500	<0.500	<0.500	<0.500	<1.00
MW-25	5/16/2007		745.07	6.57	--	738.50	--	--	--	--	--	--	--
MW-25	9/19/2007		745.07	6.92	--	738.15	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<3.00
MW-25	12/12/2007		745.07	6.38	--	738.69	--	--	--	--	--	--	--
MW-25	3/25/2008		745.07	6.58	--	738.49	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-25	5/28/2008		745.07	6.47	--	738.60	--	--	--	--	--	--	--
MW-25	8/19/2008		745.07	6.72	--	738.35	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-25	2/10/2009		745.07	6.67	--	738.40	<50.0	<0.245	<0.490	<0.500	<0.500	<0.500	<1.00
MW-25	5/19/2009		745.07	6.66	--	738.41	--	--	--	--	--	--	--
MW-25	8/4/2009		745.07	6.92	--	738.15	<50.0	<0.120	<0.240	<0.100	<0.100	<0.100	<0.200
MW-25	11/10/2009		745.07	6.75	--	738.32	--	--	--	--	--	--	--
MW-25	11/18/2009		745.07	6.66	--	738.41	--	--	--	--	--	--	--
MW-25	2/16/2010		748.05	6.10	--	741.95	<50	<120	<240(*)	<1.0	<1.0	<1.0	<2.0
MW-25	6/30/2010		748.05	6.41	--	741.64	--	--	--	--	--	--	--
MW-25	8/11/2010	(P)	748.05	6.65	--	741.40	<100	<242	--	<0.200	<1.00	<1.00	<3
MW-25	11/11/2010		748.05	6.40	--	741.65	--	--	--	--	--	--	--
MW-25	2/15/2011	(P)	748.05	6.17	--	741.88	<100	<239	--	<0.200	<1.00	<1.00	<3
MW-25	9/12/2011		748.05	6.42	0.0	741.63	--	--	--	--	--	--	--
MW-25	10/3/2012	(P)	748.05	6.23	--	741.82	--	--	--	--	--	--	--
MW-25	10/4/2012		--	--	--	--	<90.0	<239	--	<0.200	<0.500	<0.500	<1.50
MW-25	4/8/2014	(LF)	748.05	6.40	0.0	741.65	<100	--	--	<0.200	<0.500	<0.500	<1.50
MW-25	11/19/2014	(NS)	748.05	6.34	0.0	741.71	--	--	--	--	--	--	--
MW-25	11/20/2014	(LF)	748.05	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-25	4/29/2015	(NS)	748.05	6.40	0.0	741.65	--	--	--	--	--	--	--
MW-25	4/30/2015	(LFP)	748.05	--	--	--	<50	<28	<66	<0.50	<0.50	<0.50	<0.50
MW-25	8/3/2015	(LFP)	748.05	6.94	0.0	741.11	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-25	11/2/2015	(LFP)	748.05	6.89	0.0	741.16	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-25	2/8/2016	(LFP)	748.05	6.08	0.0	741.97	130(J)	<28	<65	<0.50	<0.50	0.86(J)	3.8
MW-26	12/2/1993		744.36	6.64	--	737.72	--	--	--	--	--	--	--
MW-26	4/26/1994		744.36	6.40	--	737.96	--	--	--	--	--	--	--
MW-26	6/7/2001	(Well not located following 1994 event)	744.36	--	--	--	--	--	--	--	--	--	--
MW-26	9/9/2002	(Well located September 2002 event; viable)	744.36	--	--	--	--	--	--	--	--	--	--
MW-26	11/18/2002	(Well not located; covered with gravel.)	744.36	--	--	--	--	--	--	--	--	--	--
MW-26	1/27/2003	(Well located)	744.36	6.14	--	738.22	--	--	--	--	--	--	--
MW-26	4/15/2003		744.36	6.21	--	738.15	--	--	--	--	--	--	--
MW-26	7/29/2003		744.36	6.65	--	737.71	--	--	--	--	--	--	--
MW-26	10/6/2003		744.36	6.67	--	737.69	--	--	--	--	--	--	--
MW-26	2/16/2004		744.36	6.21	--	738.15	--	--	--	--	--	--	--
MW-26	5/24/2004		744.36	6.29	--	738.07	--	--	--	--	--	--	--
MW-26	8/9/2004		744.36	6.45	--	737.91	--	--	--	--	--	--	--
MW-26	11/1/2004		744.36	6.45	--	737.91	--	--	--	--	--	--	--
MW-26	2/28/2005		744.36	6.68	--	737.68	--	--	--	--	--	--	--
MW-26	5/24/2005		744.36	6.80	--	737.56	--	--	--	--	--	--	--
MW-26	8/15/2005		744.36	7.15	--	737.21	--	--	--	--	--	--	--
MW-26	10/24/2005		744.36	6.95	--	737.41	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-26	4/24/2006	(Well Inaccessible)	744.36	--	--	--	--	--	--	--	--	--	--
MW-26	8/28/2006	(Well maintenance done)	744.36	7.06	--	738.01	--	--	--	--	--	--	--
MW-26	10/16/2006		744.36	7.22	--	737.14	--	--	--	--	--	--	--
MW-26	12/4/2006		744.36	7.14	--	737.22	--	--	--	--	--	--	--
MW-26	3/26/2007		744.36	6.87	--	737.49	--	--	--	--	--	--	--
MW-26	5/15/2007		744.36	6.79	--	737.57	--	--	--	--	--	--	--
MW-26	9/18/2007		744.36	7.19	--	737.17	--	--	--	--	--	--	--
MW-26	12/11/2007		744.36	6.59	--	737.77	--	--	--	--	--	--	--
MW-26	3/25/2008		744.36	6.82	--	737.54	--	--	--	--	--	--	--
MW-26	5/27/2008		744.36	6.81	--	737.55	--	--	--	--	--	--	--
MW-26	8/20/2008		744.36	7.00	--	737.36	--	--	--	--	--	--	--
MW-26	2/10/2009		744.36	6.94	--	737.42	--	--	--	--	--	--	--
MW-26	5/19/2009		744.36	6.93	--	737.43	--	--	--	--	--	--	--
MW-26	8/4/2009		744.36	7.20	--	737.16	--	--	--	--	--	--	--
MW-26	11/10/2009		744.36	7.08	--	737.28	--	--	--	--	--	--	--
MW-26	11/18/2009		744.36	7.92	--	736.44	--	--	--	--	--	--	--
MW-26	2/16/2010		747.35	6.47	--	740.88	--	--	--	--	--	--	--
MW-26	6/30/2010		747.35	6.78	--	740.57	--	--	--	--	--	--	--
MW-26	8/11/2010		747.35	7.00	--	740.35	--	--	--	--	--	--	--
MW-26	11/11/2010		747.35	6.75	--	740.60	--	--	--	--	--	--	--
MW-26	9/12/2011		747.35	6.90	0.0	740.45	--	--	--	--	--	--	--
MW-26	10/3/2012		747.35	6.85	--	740.50	--	--	--	--	--	--	--
MW-26	4/7/2014		747.35	6.80	0.0	740.55	--	--	--	--	--	--	--
MW-26	11/19/2014	(NS)	747.35	6.74	0.0	740.61	--	--	--	--	--	--	--
MW-26	4/29/2015	(NS)	747.35	6.71	0.0	740.64	--	--	--	--	--	--	--
MW-26	8/3/2015	(NS)	747.35	7.25	0.0	740.10	--	--	--	--	--	--	--
MW-26	11/2/2015	(NS)	747.35	7.11	0.0	740.24	--	--	--	--	--	--	--
MW-26	2/8/2016	(NS)	747.35	6.46	0.0	740.89	--	--	--	--	--	--	--
MW-27	12/21/1993		744.36	9.24	--	735.12	<50	0.32	--	<0.50	<1.0	<1.0	<1.0
MW-27	4/26/1994		744.36	9.17	--	735.19	--	--	--	--	--	--	--
MW-27	6/6/1994		744.36	9.14	--	735.22	--	--	--	--	--	--	--
MW-27	3/17/1999		--	--	--	--	<50	<0.25	--	<0.50	<1.0	<1.0	<1.0
MW-27	6/7/2001		744.36	9.17	--	735.19	<100	<0.25	<0.50	<1.0	<1.0	<1.0	<1.0
MW-27	11/15/2001		744.36	9.21	--	735.15	--	--	--	--	--	--	--
MW-27	11/16/2001		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-27	4/3/2002		744.36	9.19	--	735.17	--	--	--	--	--	--	--
MW-27	4/4/2002		--	--	--	--	<50	<0.25	<0.50	<0.50	<0.50	<0.50	<1.0
MW-27	9/9/2002		744.36	9.28	--	735.08	--	--	--	--	--	--	--
MW-27	9/10/2002		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-27	11/18/2002		744.36	9.20	--	735.16	--	--	--	--	--	--	--
MW-27	1/27/2003		744.36	8.93	--	735.43	--	--	--	--	--	--	--
MW-27	1/28/2003		--	--	--	--	<100	<0.25	<0.41	<1.0	<1.0	<1.0	<1.0
MW-27	4/15/2003		744.36	9.04	--	735.32	--	--	--	--	--	--	--
MW-27	7/29/2003		744.36	9.25	--	735.11	--	--	--	--	--	--	--
MW-27	7/30/2003		--	--	--	--	<100	<0.26	<0.42	<1.0	<1.0	<1.0	<1.0
MW-27	10/6/2003		744.36	9.30	--	735.06	--	--	--	--	--	--	--
MW-27	2/16/2004		744.36	9.01	--	735.35	--	--	--	--	--	--	--
MW-27	2/17/2004		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-27	5/24/2004		744.36	9.10	--	735.26	--	--	--	--	--	--	--
MW-27	8/9/2004		744.36	9.16	--	735.20	--	--	--	--	--	--	--
MW-27	8/10/2004		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-27	11/1/2004		744.36	9.17	--	735.19	--	--	--	--	--	--	--
MW-27	2/28/2005		744.36	9.17	--	735.19	--	--	--	--	--	--	--
MW-27	3/1/2005		--	--	--	--	<100	<0.26	<0.41	<1.0	<1.0	<1.0	<1.0
MW-27	5/24/2005		744.36	9.22	--	735.14	--	--	--	--	--	--	--
MW-27	8/15/2005		744.36	9.43	--	734.93	--	--	--	--	--	--	--
MW-27	8/16/2005		--	--	--	--	<100	<0.25	<0.40	<1.0	<1.0	<1.0	<1.0
MW-27	10/24/2005		744.36	9.27	--	735.09	--	--	--	--	--	--	--
MW-27	4/24/2006	(Well maintenance done)	744.36	8.13	--	736.23	<50	<0.238	<0.476	<0.500	<0.500	<0.500	<1.00
MW-27	8/28/2006		744.36	9.45	--	734.91	--	--	--	--	--	--	--
MW-27	10/16/2006		744.36	9.55	--	734.81	--	--	--	--	--	--	--
MW-27	10/18/2006		--	--	--	--	<50.0	<0.240	<0.481	0.93	<0.500	3.69	7.78
MW-27	12/4/2006		744.36	9.54	--	734.82	--	--	--	--	--	--	--
MW-27	3/26/2007		744.36	9.29	--	735.07	<50.0	<0.250	<0.500	<0.500	<0.500	<0.500	<1.00
MW-27	5/16/2007		744.36	9.24	--	735.12	--	--	--	--	--	--	--
MW-27	9/18/2007		744.36	9.49	--	734.87	<50.0	<0.240	<0.481	<0.500	<0.500	<0.500	<3.00
MW-27	12/11/2007		744.36	9.17	--	735.19	--	--	--	--	--	--	--
MW-27	3/25/2008		744.36	9.20	--	735.16	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<3.00
MW-27	5/27/2008		744.36	9.20	--	735.16	--	--	--	--	--	--	--
MW-27	8/19/2008		744.36	9.33	--	735.03	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-27	11/18/2008		744.36	9.32	--	735.04	--	--	--	--	--	--	--
MW-27	2/10/2009		744.36	9.32	--	735.04	<50.0	<0.236	<0.472	<0.500	<0.500	<0.500	<1.00
MW-27	5/19/2009		744.36	9.33	--	735.03	--	--	--	--	--	--	--

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Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-27	8/4/2009		744.36	9.47	--	734.89	<50.0	<0.120	<0.240	<0.100	<0.100	<0.100	<0.200
MW-27	11/10/2009		744.36	9.44	--	734.92	--	--	--	--	--	--	--
MW-27	2/16/2010		747.33	9.08	--	738.25	<50	<120	<240(^)	<1.0	<1.0	<1.0	<2.0
MW-27	6/30/2010		747.33	9.39	--	737.94	--	--	--	--	--	--	--
MW-27	8/11/2010	(P)	747.33	9.36	--	737.97	<100	<263	--	<0.200	<1.00	<1.00	<3
MW-27	11/11/2010		747.33	9.26	--	738.07	--	--	--	--	--	--	--
MW-27	2/15/2011	(P)	747.33	9.11	--	738.22	<100	<246	--	<0.200	<1.00	<1.00	<3
MW-27	9/12/2011	(P)	747.33	9.25	0.0	738.08	<100	<237	--	<0.500	<2.00	<1.00	<1.50
MW-27	10/3/2012	(P)	747.33	9.35	--	737.98	<90.0	<236	--	<0.200	<0.500	<0.500	<1.50
MW-27	4/8/2014	(LF)	747.33	9.29	0.0	738.04	<100	--	--	0.290	<0.500	<0.500	<1.50
MW-27	11/19/2014	(NS)	747.33	9.31	0.0	738.02	--	--	--	--	--	--	--
MW-27	11/20/2014	(LF)	747.33	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	0.94(J)
MW-27	4/29/2015	(NS)	747.33	9.31	0.0	738.02	--	--	--	--	--	--	--
MW-27	4/30/2015	(LFP)	747.33	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-27	8/3/2015	(NS)	747.33	9.55	0.0	737.78	--	--	--	--	--	--	--
MW-27	8/4/2015	(LFP)	747.33	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MW-27	11/2/2015	(NS)	747.33	9.54	0.0	737.79	--	--	--	--	--	--	--
MW-27	11/3/2015	(LFP)	747.33	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MW-27	2/8/2016	(NS)	747.33	9.13	0.0	738.20	--	--	--	--	--	--	--
MW-27	2/9/2016	(LFP)	747.33	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MW-28	12/3/1993		744.42	10.80	--	733.62	--	--	--	--	--	--	--
MW-28	4/26/1994		744.42	6.27	--	738.15	--	--	--	--	--	--	--
MW-28	6/6/1994		744.42	6.19	--	738.23	--	--	--	--	--	--	--
MW-28	6/7/2001		744.42	6.22	--	738.20	--	--	--	--	--	--	--
MW-28	11/15/2001		744.42	6.25	--	738.17	--	--	--	--	--	--	--
MW-28	4/3/2002		744.42	6.24	--	738.18	--	--	--	--	--	--	--
MW-28	9/9/2002		744.42	6.37	--	738.05	--	--	--	--	--	--	--
MW-28	11/18/2002		744.42	6.17	--	738.25	--	--	--	--	--	--	--
MW-28	1/27/2003		744.42	5.56	--	738.86	--	--	--	--	--	--	--
MW-28	4/15/2003		744.42	5.75	--	738.67	--	--	--	--	--	--	--
MW-28	7/29/2003		744.42	6.38	--	738.04	--	--	--	--	--	--	--
MW-28	10/6/2003		744.42	6.36	--	738.06	--	--	--	--	--	--	--
MW-28	2/16/2004		744.42	5.71	--	738.71	--	--	--	--	--	--	--
MW-28	5/24/2004		744.42	5.89	--	738.53	--	--	--	--	--	--	--
MW-28	8/9/2004		744.42	6.09	--	738.33	--	--	--	--	--	--	--
MW-28	11/1/2004		744.42	6.03	--	738.39	--	--	--	--	--	--	--
MW-28	2/28/2005		744.42	6.06	--	738.36	--	--	--	--	--	--	--
MW-28	5/24/2005		744.42	6.14	--	738.28	--	--	--	--	--	--	--
MW-28	8/15/2005		744.42	6.54	--	737.88	--	--	--	--	--	--	--
MW-28	10/24/2005		744.42	6.21	--	738.21	--	--	--	--	--	--	--
MW-28	4/24/2006		744.42	5.94	--	738.48	--	--	--	--	--	--	--
MW-28	8/28/2006		744.42	6.55	--	737.87	--	--	--	--	--	--	--
MW-28	10/16/2006		744.42	6.71	--	737.71	--	--	--	--	--	--	--
MW-28	12/4/2006		744.42	6.64	--	737.78	--	--	--	--	--	--	--
MW-28	3/26/2007		744.42	6.31	--	738.11	--	--	--	--	--	--	--
MW-28	5/15/2007		744.42	6.18	--	738.24	--	--	--	--	--	--	--
MW-28	9/18/2007		744.42	6.58	--	737.84	--	--	--	--	--	--	--
MW-28	12/11/2007		744.42	5.95	--	738.47	--	--	--	--	--	--	--
MW-28	3/25/2008		744.42	6.15	--	738.27	--	--	--	--	--	--	--
MW-28	5/27/2008		744.42	6.11	--	738.31	--	--	--	--	--	--	--
MW-28	8/19/2008		744.42	6.35	--	738.07	--	--	--	--	--	--	--
MW-28	11/18/2008		744.42	6.32	--	738.10	--	--	--	--	--	--	--
MW-28	2/10/2009		744.42	6.32	--	738.10	--	--	--	--	--	--	--
MW-28	5/19/2009		744.42	7.38	--	737.04	--	--	--	--	--	--	--
MW-28	8/4/2009		744.42	6.73	--	737.69	--	--	--	--	--	--	--
MW-28	11/10/2009		744.42	6.50	--	737.92	--	--	--	--	--	--	--
MW-28	2/16/2010		747.39	5.80	--	741.59	--	--	--	--	--	--	--
MW-28	6/30/2010		747.39	6.11	--	741.28	--	--	--	--	--	--	--
MW-28	8/11/2010		747.39	6.39	--	741.00	--	--	--	--	--	--	--
MW-28	11/11/2010		747.39	6.10	--	741.29	--	--	--	--	--	--	--
MW-28	2/15/2011		747.39	5.88	0.01	741.51	--	--	--	--	--	--	--
MW-28	9/12/2011		747.39	6.19	0.0	741.20	--	--	--	--	--	--	--
MW-28	10/3/2012	(Not Measured)	747.39	--	--	--	--	--	--	--	--	--	--
MW-28	4/7/2014		747.39	6.13	0.0	741.26	--	--	--	--	--	--	--
MW-28	11/19/2014	(NS)	747.39	6.13	0.0	741.26	--	--	--	--	--	--	--
MW-28	4/29/2015	(NS)	747.39	6.34	0.0	741.05	--	--	--	--	--	--	--
MW-28	8/3/2015	(NS)	747.39	6.24	0.0	741.15	--	--	--	--	--	--	--
MH-29	9/10/2002	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	11/19/2002	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	1/28/2003	(Some flow from east)	--	10.97	--	--	--	--	--	--	--	--	--
MH-29	4/16/2003	(Slight flow incoming from the south)	--	11.09	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MH-29	7/29/2003	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	10/7/2003	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	2/17/2004	(Flow from southeast)	--	10.00	--	--	--	--	--	--	--	--	--
MH-29	5/25/2004	(Nolotsofwater)	--	11.09	(SHEEN)	--	--	--	--	--	--	--	--
MH-29	8/10/2004	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	11/2/2004	(Dry, paint/primer odor, new auto body shop nearby)	--	--	--	--	--	--	--	--	--	--	--
MH-29	3/1/2005	(Stagnant/still water)	--	11.04	--	--	--	--	--	--	--	--	--
MH-29	5/25/2005	(Stagnant/still water)	--	11.08	--	--	--	--	--	--	--	--	--
MH-29	8/18/2005	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	10/25/2005	(Dry)	--	--	--	--	--	--	--	--	--	--	--
MH-29	4/24/2006	(well appeared to be a parking lot oil trap)	--	2.23	(SHEEN)	--	--	--	--	--	--	--	--
MH-29	8/28/2006	(Manhole could not be located.)	--	--	--	--	--	--	--	--	--	--	--
MW-29	12/3/1993		743.83	6.92	--	736.91	--	--	--	--	--	--	--
MW-29	4/26/1994		743.83	5.68	--	738.15	--	--	--	--	--	--	--
MW-29	6/6/1994		743.83	5.61	--	738.22	--	--	--	--	--	--	--
MW-29	6/8/2001		743.83	5.59	--	738.24	--	--	--	--	--	--	--
MW-29	11/15/2001		743.83	5.68	--	738.15	--	--	--	--	--	--	--
MW-29	4/3/2002		743.83	5.64	--	738.19	--	--	--	--	--	--	--
MW-29	9/9/2002		743.83	5.81	--	738.02	--	--	--	--	--	--	--
MW-29	11/18/2002		743.83	5.60	--	738.23	--	--	--	--	--	--	--
MW-29	1/27/2003		743.83	4.92	--	738.91	--	--	--	--	--	--	--
MW-29	4/15/2003		743.83	5.12	--	738.71	--	--	--	--	--	--	--
MW-29	7/29/2003		743.83	8.76	--	735.07	--	--	--	--	--	--	--
MW-29	10/6/2003		743.83	5.74	--	738.09	--	--	--	--	--	--	--
MW-29	2/16/2004		743.83	5.12	--	738.71	--	--	--	--	--	--	--
MW-29	5/24/2004		743.83	5.27	--	738.56	--	--	--	--	--	--	--
MW-29	8/9/2004		743.83	5.45	--	738.38	--	--	--	--	--	--	--
MW-29	11/1/2004		743.83	5.42	--	738.41	--	--	--	--	--	--	--
MW-29	2/28/2005		743.83	5.45	--	738.38	--	--	--	--	--	--	--
MW-29	5/24/2005		743.83	5.51	--	738.32	--	--	--	--	--	--	--
MW-29	8/15/2005		743.83	5.96	--	737.87	--	--	--	--	--	--	--
MW-29	10/24/2005		743.83	5.61	--	738.22	--	--	--	--	--	--	--
MW-29	4/26/2006	(Well maintenance done)	743.83	5.57	--	738.26	--	--	--	--	--	--	--
MW-29	8/29/2006		743.83	5.96	--	737.87	--	--	--	--	--	--	--
MW-29	10/17/2006		743.83	6.17	--	737.66	--	--	--	--	--	--	--
MW-29	12/5/2006		743.83	6.16	--	737.67	--	--	--	--	--	--	--
MW-29	3/27/2007		743.83	5.75	--	738.08	--	--	--	--	--	--	--
MW-29	5/15/2007		743.83	5.61	--	738.22	--	--	--	--	--	--	--
MW-29	9/19/2007		743.83	5.98	--	737.85	--	--	--	--	--	--	--
MW-29	12/12/2007		743.83	5.36	--	738.47	--	--	--	--	--	--	--
MW-29	3/26/2008		743.83	5.55	--	738.28	--	--	--	--	--	--	--
MW-29	5/28/2008		743.83	5.50	--	738.33	--	--	--	--	--	--	--
MW-29	8/20/2008		743.83	5.75	--	738.08	--	--	--	--	--	--	--
MW-29	2/11/2009		743.83	5.90	--	737.93	--	--	--	--	--	--	--
MW-29	5/20/2009		743.83	5.85	--	737.98	--	--	--	--	--	--	--
MW-29	8/5/2009		743.83	6.18	--	737.65	--	--	--	--	--	--	--
MW-29	11/11/2009		743.83	5.95	--	737.88	--	--	--	--	--	--	--
MW-29	11/19/2009		743.83	5.84	--	737.99	--	--	--	--	--	--	--
MW-29	2/17/2010		746.79	5.22	--	741.57	--	--	--	--	--	--	--
MW-29	7/1/2010		746.79	5.53	--	741.26	--	--	--	--	--	--	--
MW-29	8/13/2010		746.79	5.88	--	740.91	--	--	--	--	--	--	--
MW-29	11/12/2010		746.79	5.25	--	741.54	--	--	--	--	--	--	--
MW-29	2/15/2011		746.79	5.27	--	741.52	--	--	--	--	--	--	--
MW-29	10/3/2012		746.79	5.70	--	741.09	--	--	--	--	--	--	--
MW-29	11/19/2014	(NS)	746.79	5.05	0.0	741.74	--	--	--	--	--	--	--
MW-29	4/29/2015	(NS)	746.79	5.41	0.0	741.38	--	--	--	--	--	--	--
MW-29	8/3/2015	(NS)	746.79	5.81	0.0	740.98	--	--	--	--	--	--	--
MW-29	11/2/2015	(NS)	746.79	5.98	0.0	740.81	--	--	--	--	--	--	--
MW-29	2/8/2016	(NS)	746.79	5.01	0.0	741.78	--	--	--	--	--	--	--
MW-30	11/15/2001		746.48	7.00	--	739.48	--	--	--	--	--	--	--
MW-30	4/3/2002		746.48	8.07	1.39	739.45	--	--	--	--	--	--	--
MW-30	9/9/2002		746.48	8.23	1.46	739.34	--	--	--	--	--	--	--
MW-30	11/18/2002		746.48	7.35	0.63	739.60	--	--	--	--	--	--	--
MW-30	1/27/2003		746.48	6.65	0.65	740.32	--	--	--	--	--	--	--
MW-30	4/15/2003		746.48	6.60	0.28	740.09	--	--	--	--	--	--	--
MW-30	7/29/2003		746.48	7.37	0.40	739.41	--	--	--	--	--	--	--
MW-30	10/6/2003		746.48	7.28	0.27	739.40	--	--	--	--	--	--	--
MW-30	2/16/2004		746.48	6.86	0.58	740.05	--	--	--	--	--	--	--

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Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-30	5/24/2004		746.48	6.88	0.41	739.91	--	--	--	--	--	--	--
MW-30	8/9/2004		746.48	7.14	0.47	739.69	--	--	--	--	--	--	--
MW-30	11/12/2004		746.48	6.96	0.27	739.72	--	--	--	--	--	--	--
MW-30	2/28/2005		746.48	6.95	0.20	739.68	--	--	--	--	--	--	--
MW-30	5/24/2005		746.48	6.96	0.15	739.63	--	--	--	--	--	--	--
MW-30	8/15/2005		746.48	7.57	0.33	739.16	--	--	--	--	--	--	--
MW-30	10/24/2005		746.48	7.20	0.25	739.47	--	--	--	--	--	--	--
MW-30	4/26/2006	(Well maintenance done)	746.48	6.62	--	739.86	--	--	--	--	--	--	--
MW-30	8/29/2006		746.48	7.70	0.50	739.16	--	--	--	--	--	--	--
MW-30	10/18/2006	(Well monument replaced)	746.48	7.56	0.18	739.05	--	--	--	--	--	--	--
MW-30	12/6/2006		746.48	7.45	0.11	739.11	--	--	--	--	--	--	--
MW-30	3/27/2007		746.48	7.21	0.11	739.35	--	--	--	--	--	--	--
MW-30	5/16/2007		746.48	6.96	0.01	739.53	--	--	--	--	--	--	--
MW-30	9/19/2007		746.48	7.68	0.44	739.13	--	--	--	--	--	--	--
MW-30	12/12/2007		746.48	6.71	0.05	739.81	--	--	--	--	--	--	--
MW-30	3/27/2008		746.48	6.95	--	739.53	--	--	--	--	--	--	--
MW-30	5/28/2008		746.48	6.81	--	739.67	--	--	--	--	--	--	--
MW-30	8/21/2008		746.48	7.10	--	739.38	--	--	--	--	--	--	--
MW-30	11/20/2008		746.48	7.02	--	739.46	--	--	--	--	--	--	--
MW-30	2/10/2009		746.48	7.06	--	739.42	--	--	--	--	--	--	--
MW-30	5/20/2009		746.48	7.21	--	739.27	--	--	--	--	--	--	--
MW-30	8/4/2009		746.48	7.52	0.04	738.99	--	--	--	--	--	--	--
MW-30	8/5/2009		743.83	--	--	746.48	--	--	--	--	--	--	--
MW-30	11/10/2009		746.48	7.22	--	739.26	--	--	--	--	--	--	--
MW-30	2/16/2010		749.49	6.43	--	743.06	--	--	--	--	--	--	--
MW-30	7/1/2010		749.49	6.74	0.01	742.75	--	--	--	--	--	--	--
MW-30	8/13/2010		749.49	7.21	0.01	742.28	--	--	--	--	--	--	--
MW-30	11/11/2010		749.49	6.85	--	742.64	--	--	--	--	--	--	--
MW-30	2/15/2011		749.49	6.60	--	742.89	--	--	--	--	--	--	--
MW-30	10/3/2012		749.49	6.99	--	742.50	--	--	--	--	--	--	--
MW-30	4/7/2014		749.49	6.86	0.0	742.63	--	--	--	--	--	--	--
MW-30	11/19/2014	(NS)	749.49	6.75	0.0	742.74	--	--	--	--	--	--	--
MW-30	4/29/2015	(NS)	749.49	6.81	0.0	742.68	--	--	--	--	--	--	--
MW-30	8/3/2015	(LFP)	749.49	7.25	0.0	742.24	14,000	77,000	25,000	4,400	320	1,200	2,600
MW-30	11/2/2015	(NS)	749.49	7.19	0.0	742.30	--	--	--	--	--	--	--
MW-30	2/8/2016	(NS)	749.49	6.21	0.0	743.28	--	--	--	--	--	--	--
MH-31	6/8/2001	(Active water inflow dropping approximately 4 ft. into running water at bottom of manhole)	--	12.80	--	--	--	--	--	--	--	--	--
MH-31	11/16/2001		--	13.23	--	--	--	--	--	--	--	--	--
MH-31	4/3/2002	(Fastflowingnoodornosample observedw/smallbailerwasclar)	--	13.35	(SHEEN)	--	--	--	--	--	--	--	--
MH-31	9/10/2002	(Rushing water)	--	--	--	--	--	--	--	--	--	--	--
MH-31	11/19/2002	(Rushing water)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	1/28/2003	(Rapid flow from north, slight hydrocarbon odor)	--	15.51	--	--	--	--	--	--	--	--	--
MH-31	4/16/2003	(Rushing water, flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	7/29/2003	(Rushing water, flow from the northwest)	--	13.43	--	--	--	--	--	--	--	--	--
MH-31	10/7/2003	(Rushing water, flow from the northwest)	--	13.60	--	--	--	--	--	--	--	--	--
MH-31	2/17/2004	(Rushing water, flow from the northwest)	--	13.69	--	--	--	--	--	--	--	--	--
MH-31	5/25/2004	(Flowing water)	--	13.58	--	--	--	--	--	--	--	--	--
MH-31	8/10/2004	(Rushing water, flow from the northwest)	--	13.54	--	--	--	--	--	--	--	--	--
MH-31	11/2/2004	(Rushing water, flow from the northwest)	--	13.53	--	--	--	--	--	--	--	--	--
MH-31	3/1/2005	(Flowing from north)	--	13.60	--	--	--	--	--	--	--	--	--
MH-31	5/25/2005	(Flow from the northwest)	--	13.67	--	--	--	--	--	--	--	--	--
MH-31	8/18/2005	(Flow from the northwest)	--	13.59	--	--	--	--	--	--	--	--	--
MH-31	10/25/2005	(Flow from the northwest)	--	13.61	--	--	--	--	--	--	--	--	--
MH-31	4/24/2006	(Flow from the northwest)	--	13.55	--	--	--	--	--	--	--	--	--
MH-31	8/28/2006	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	10/16/2006	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	12/4/2006	(Flow from the northwest)	--	13.61	--	--	--	--	--	--	--	--	--
MH-31	3/26/2007	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	5/15/2007	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	9/18/2007	(Flow from the northwest)	--	11.20	--	--	--	--	--	--	--	--	--
MH-31	12/11/2007	(Flow from the northwest)	--	13.54	--	--	--	--	--	--	--	--	--
MH-31	3/25/2008	(Flow from the northwest)	--	13.62	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MH-31	5/27/2008	(Flow from the northwest)	--	13.45	--	--	--	--	--	--	--	--	--
MH-31	8/19/2008	(Flow from the northwest)	--	13.57	--	--	--	--	--	--	--	--	--
MH-31	2/10/2009	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	5/19/2009	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	8/4/2009	(Flow from the northwest)	--	13.52	--	--	--	--	--	--	--	--	--
MH-31	11/10/2009	(Flow from the northwest)	--	13.85	--	--	--	--	--	--	--	--	--
MH-31	11/18/2009	(Flow from the northwest)	--	13.65	--	--	--	--	--	--	--	--	--
MH-31	8/11/2010		--	--	--	--	--	--	--	--	--	--	<3
MH-31	8/11/2010		--	--	--	--	<100	3,810	--	0.410	<1.00	<1.00	--
MH-31	2/17/2011		--	--	--	--	--	--	--	--	--	--	<3
MH-31	2/17/2011		--	--	--	--	<100	<242	--	1.07	<1.00	<1.00	--
MH-31	9/12/2011		--	--	--	--	<100	<237	--	<0.500	<2.00	<1.00	<1.50
MH-31	10/3/2012		--	--	--	--	<90.0	<237	--	0.830	<0.500	<0.500	<1.50
MH-31	4/8/2014		--	--	--	--	<100	--	--	1.75	<0.500	0.600	<1.50
MH-31	11/19/2014	(NS)	--	5.79	0.0	--	--	--	--	--	--	--	--
MH-31	11/20/2014	(NP)	--	--	--	--	<50	39(J)	260	6.1	<0.50	1.0	1.4
MH-31	4/29/2015	(NP)	--	--	--	--	<50	29(J)	<66	<0.50	<0.50	0.59(J)	0.73(J)
MH-31	8/4/2015	(NP)	--	--	--	--	<50	<29	<67	<0.50	<0.50	<0.50	<0.50
MH-31	11/3/2015	(NP)	--	--	--	--	<50	<28	160(J)	<0.50	<0.50	0.65(J)	0.63(J)
MH-31	2/9/2016	(NP)	--	--	--	--	75(J)	160	350	<0.50	<0.50	<0.50	0.57(J)
MW-31	11/15/2001		745.03	6.27	--	738.76	--	--	--	--	--	--	--
MW-31	4/3/2002		745.03	6.11	--	738.92	--	--	--	--	--	--	--
MW-31	9/9/2002		745.03	6.26	--	738.77	--	--	--	--	--	--	--
MW-31	11/18/2002		745.03	6.05	--	738.98	--	--	--	--	--	--	--
MW-31	1/27/2003		745.03	5.40	--	739.63	--	--	--	--	--	--	--
MW-31	4/15/2003		745.03	5.61	--	739.42	--	--	--	--	--	--	--
MW-31	7/29/2003		745.03	6.25	--	738.78	--	--	--	--	--	--	--
MW-31	10/6/2003		745.03	6.27	--	738.76	--	--	--	--	--	--	--
MW-31	2/16/2004		745.03	5.61	--	739.42	--	--	--	--	--	--	--
MW-31	5/24/2004		745.03	5.76	--	739.27	--	--	--	--	--	--	--
MW-31	8/9/2004		745.03	5.97	--	739.06	--	--	--	--	--	--	--
MW-31	11/11/2004		745.03	5.95	--	739.08	--	--	--	--	--	--	--
MW-31	2/28/2005		745.03	5.98	--	739.05	--	--	--	--	--	--	--
MW-31	5/24/2005		745.03	6.02	--	739.01	--	--	--	--	--	--	--
MW-31	8/15/2005		745.03	6.48	--	738.55	--	--	--	--	--	--	--
MW-31	10/24/2005		745.03	6.15	--	738.88	--	--	--	--	--	--	--
MW-31	4/24/2006	(Well maintenance done)	745.03	5.88	--	739.15	--	--	--	--	--	--	--
MW-31	8/28/2006		745.03	6.47	--	738.56	--	--	--	--	--	--	--
MW-31	10/16/2006		745.03	6.58	--	738.45	--	--	--	--	--	--	--
MW-31	12/4/2006		745.03	6.49	--	738.54	--	--	--	--	--	--	--
MW-31	3/27/2007		745.03	6.23	--	738.80	--	--	--	--	--	--	--
MW-31	5/15/2007		745.03	6.08	--	738.95	--	--	--	--	--	--	--
MW-31	9/18/2007		745.03	6.42	--	738.61	--	--	--	--	--	--	--
MW-31	12/11/2007		745.03	5.82	--	739.21	--	--	--	--	--	--	--
MW-31	3/25/2008		745.03	6.62	0.01	738.42	--	--	--	--	--	--	--
MW-31	5/27/2008		745.03	5.92	0.01	739.12	--	--	--	--	--	--	--
MW-31	8/19/2008		745.03	6.14	--	738.89	--	--	--	--	--	--	--
MW-31	11/18/2008		745.03	6.50	0.38	738.82	--	--	--	--	--	--	--
MW-31	2/10/2009		745.03	6.21	--	738.82	--	--	--	--	--	--	--
MW-31	5/19/2009		745.03	6.26	0.01	738.78	--	--	--	--	--	--	--
MW-31	8/4/2009		745.03	6.69	0.09	738.41	--	--	--	--	--	--	--
MW-31	11/10/2009		745.03	6.42	0.05	738.65	--	--	--	--	--	--	--
MW-31	2/16/2010		748.06	5.64	--	742.42	<50	<120	<240(*)	<1.0	<1.0	<1.0	<2.0
MW-31	6/30/2010		748.06	5.95	--	742.11	--	--	--	--	--	--	--
MW-31	8/11/2010		748.06	6.29	--	741.77	--	--	--	--	--	--	--
MW-31	11/11/2010		748.06	6.01	--	742.05	--	--	--	--	--	--	--
MW-31	2/15/2011		748.06	5.76	--	742.30	--	--	--	--	--	--	--
MW-31	9/12/2011		748.06	6.06	0.0	742.00	--	--	--	--	--	--	--
MW-31	10/3/2012		748.06	6.16	--	741.90	--	--	--	--	--	--	--
MW-31	4/7/2014		748.06	6.07	0.0	741.99	--	--	--	--	--	--	--
MW-31	11/19/2014	(NS)	748.06	5.79	0.0	742.27	--	--	--	--	--	--	--
MW-31	4/29/2015	(NS)	748.06	6.04	0.0	742.02	--	--	--	--	--	--	--
MW-31	8/3/2015	(NS)	748.06	6.53	0.0	741.53	--	--	--	--	--	--	--
MW-31	11/2/2015	(NS)	748.06	6.42	0.0	741.64	--	--	--	--	--	--	--
MW-31	2/8/2016	(NS)	748.06	5.55	0.0	742.51	--	--	--	--	--	--	--
MH-32	6/8/2001	(Rapidly flowing water in manhole)	--	--	--	--	--	--	--	--	--	--	--
MH-32	11/16/2001	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
MH-32	4/3/2002	(Fastflowingnoodornosample observedw/smallbailerwasclar)	--	10.26	(SHEEN)	--	--	--	--	--	--	--	--
MH-32	9/10/2002	(Rushing water)	--	9.65	--	--	--	--	--	--	--	--	--

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Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MH-32	11/19/2002	(Flowing water)	--	9.93	--	--	--	--	--	--	--	--	--
MH-32	1/28/2003	(Rapid flow from east)	--	9.77	--	--	--	--	--	--	--	--	--
MH-32	4/16/2003	(Rushing water, flow from the east)	--	9.93	--	--	--	--	--	--	--	--	--
MH-32	7/29/2003	(Rushing water, flow from the east)	--	10.71	--	--	--	--	--	--	--	--	--
MH-32	10/7/2003	(Rushing water, flow from the east)	--	9.82	--	--	--	--	--	--	--	--	--
MH-32	2/17/2004	(Rushing water, flow from the east)	--	9.85	--	--	--	--	--	--	--	--	--
MH-32	5/25/2004	(Flowing water)	--	9.90	--	--	--	--	--	--	--	--	--
MH-32	8/10/2004	(Rushing water, flow from the east)	--	9.74	--	--	--	--	--	--	--	--	--
MH-32	11/2/2004	(Rushing water, flow from the east)	--	9.81	--	--	--	--	--	--	--	--	--
MH-32	3/1/2005	(Flowing from northeast)	--	9.80	--	--	--	--	--	--	--	--	--
MH-32	5/25/2005	(Flow from the east)	--	9.94	--	--	--	--	--	--	--	--	--
MH-32	8/18/2005	(Flow from the east)	--	9.81	--	--	--	--	--	--	--	--	--
MH-32	10/25/2005	(Flow from the east)	--	11.75	--	--	--	--	--	--	--	--	--
MH-32	4/24/2006	(Flow from the east)	--	9.84	--	--	--	--	--	--	--	--	--
MH-32	8/28/2006	(Flow from the east)	--	9.82	--	--	--	--	--	--	--	--	--
MH-32	10/16/2006	(Flow from the east)	--	9.95	--	--	--	--	--	--	--	--	--
MH-32	12/4/2006	(Flow from the east)	--	9.85	--	--	--	--	--	--	--	--	--
MH-32	3/26/2007	(Flow from the east)	--	9.80	--	--	--	--	--	--	--	--	--
MH-32	5/15/2007	(Flow from the east)	--	9.90	--	--	--	--	--	--	--	--	--
MH-32	9/18/2007	(Flow from the east)	--	9.80	--	--	--	--	--	--	--	--	--
MH-32	12/11/2007	(Flow from the east)	--	9.80	--	--	--	--	--	--	--	--	--
MH-32	3/25/2008	(Flow from the east)	--	9.90	--	--	--	--	--	--	--	--	--
MH-32	5/27/2008	(Flow from the east)	--	9.00	--	--	--	--	--	--	--	--	--
MH-32	8/19/2008	(Flow from the east)	--	9.78	--	--	--	--	--	--	--	--	--
MH-32	2/10/2009	(Flow from the east)	--	9.80	--	--	--	--	--	--	--	--	--
MH-32	5/19/2009	(Flow from the east)	--	9.90	--	--	--	--	--	--	--	--	--
MH-32	8/4/2009	(Flow from the east)	--	9.82	--	--	--	--	--	--	--	--	--
MH-32	11/10/2009	(Flow from the east)	--	9.90	--	--	--	--	--	--	--	--	--
MH-32	11/18/2009	(Flow from the east)	--	9.94	--	--	--	--	--	--	--	--	--
MH-32	8/11/2010		--	--	--	--	--	--	--	--	--	--	<3
MH-32	8/11/2010		--	--	--	--	<100	<238	--	0.400	<1.00	<1.00	--
MH-32	2/15/2011		--	--	--	--	--	--	--	--	--	--	4.56
MH-32	2/15/2011		--	--	--	--	<100	<246	--	0.800	<1.00	<1.00	--
MH-32	9/12/2011		--	--	--	--	<100	<240	--	<0.500	<2.00	<1.00	<1.50
MH-32	10/3/2012		--	--	--	--	<90.0	<236	--	<0.200	<0.500	<0.500	<1.50
MH-32	4/8/2014		--	--	--	--	<100	--	--	0.780	<0.500	<0.500	<1.50
MH-32	11/20/2014	(NP)	--	--	--	--	<50	<28	<66	4.4	<0.50	0.86(J)	1.3
MH-32	4/29/2015	(NP)	--	--	--	--	<50	<28	<65	<0.50	<0.50	<0.50	<0.50
MH-32	8/4/2015	(NP)	--	--	--	--	<50	<29	120(J)	<0.50	<0.50	<0.50	<0.50
MH-32	11/3/2015	(NP)	--	--	--	--	<50	110	720	<0.50	<0.50	<0.50	<0.50
MH-32	2/9/2016	(NP)	--	--	--	--	73(J)	230	1,200	1.2	<0.50	1.5	0.85(J)
MW-32	11/15/2001		744.01	5.76	--	738.25	--	--	--	--	--	--	--
MW-32	4/3/2002		744.01	5.57	--	738.44	--	--	--	--	--	--	--
MW-32	9/9/2002		744.01	5.72	0.01	738.30	--	--	--	--	--	--	--
MW-32	11/18/2002		744.01	5.54	--	738.47	--	--	--	--	--	--	--
MW-32	1/27/2003		744.01	4.91	--	739.10	--	--	--	--	--	--	--
MW-32	4/15/2003		744.01	5.09	--	738.92	--	--	--	--	--	--	--
MW-32	7/29/2003		744.01	5.73	--	738.28	--	--	--	--	--	--	--
MW-32	10/6/2003		744.01	5.75	--	738.26	--	--	--	--	--	--	--
MW-32	2/16/2004		744.01	5.14	--	738.87	--	--	--	--	--	--	--
MW-32	5/24/2004		744.01	5.25	0.01	738.77	--	--	--	--	--	--	--
MW-32	8/9/2004		744.01	5.45	--	738.56	--	--	--	--	--	--	--
MW-32	11/1/2004		744.01	5.43	--	738.58	--	--	--	--	--	--	--
MW-32	2/28/2005		744.01	5.47	--	738.54	--	--	--	--	--	--	--
MW-32	5/24/2005		744.01	5.52	--	738.49	--	--	--	--	--	--	--
MW-32	8/15/2005		744.01	5.95	--	738.06	--	--	--	--	--	--	--
MW-32	10/24/2005		744.01	5.66	--	738.35	--	--	--	--	--	--	--
MW-32	4/24/2006	(Well maintenance done)	744.01	5.33	--	738.68	--	--	--	--	--	--	--
MW-32	8/28/2006		744.01	5.91	--	738.10	--	--	--	--	--	--	--
MW-32	10/16/2006		744.01	6.06	--	737.95	--	--	--	--	--	--	--
MW-32	12/4/2006		744.01	6.01	--	738.00	--	--	--	--	--	--	--
MW-32	3/26/2007		744.01	5.68	--	738.33	--	--	--	--	--	--	--
MW-32	5/15/2007		744.01	5.55	--	738.46	--	--	--	--	--	--	--
MW-32	9/18/2007		744.01	8.91	--	735.10	--	--	--	--	--	--	--
MW-32	12/11/2007		744.01	5.33	--	738.68	--	--	--	--	--	--	--
MW-32	3/25/2008		744.01	5.50	--	738.51	--	--	--	--	--	--	--
MW-32	5/27/2008		744.01	5.48	--	738.53	--	--	--	--	--	--	--
MW-32	8/19/2008		744.01	8.68	--	735.33	--	--	--	--	--	--	--

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Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-32	2/10/2009		744.01	5.72	--	738.29	--	--	--	--	--	--	--
MW-32	5/19/2009		744.01	5.75	--	738.26	--	--	--	--	--	--	--
MW-32	8/4/2009		744.01	6.08	--	737.93	--	--	--	--	--	--	--
MW-32	11/10/2009		744.01	5.90	--	738.11	--	--	--	--	--	--	--
MW-32	11/18/2009		744.01	5.69	--	738.32	--	--	--	--	--	--	--
MW-32	2/16/2010		747.02	5.21	--	741.81	<50	<120	<240(^)	2.3	<1.0	<1.0	<2.0
MW-32	6/30/2010		747.02	5.52	--	741.50	--	--	--	--	--	--	--
MW-32	8/11/2010		747.02	5.75	--	741.27	--	--	--	--	--	--	--
MW-32	11/11/2010		747.02	5.56	--	741.46	--	--	--	--	--	--	--
MW-32	2/15/2011		747.02	5.31	--	741.71	--	--	--	--	--	--	--
MW-32	9/12/2011		747.02	5.60	0.0	741.42	--	--	--	--	--	--	--
MW-32	10/3/2012		747.02	7.00	0.01	740.02	--	--	--	--	--	--	--
MW-32	4/7/2014		747.02	5.60	0.0	741.42	--	--	--	--	--	--	--
MW-32	11/19/2014	(NS)	747.02	5.25	0.0	741.77	--	--	--	--	--	--	--
MW-32	4/29/2015	(NS)	747.02	5.57	0.0	741.45	--	--	--	--	--	--	--
MW-32	8/3/2015	(LFP)	747.02	6.05	0.0	740.97	<50	47(J)	<67	<0.50	<0.50	<0.50	<0.50
MW-32	11/2/2015	(NS)	747.02	5.98	0.0	741.04	--	--	--	--	--	--	--
MW-32	2/8/2016	(NS)	747.02	5.20	0.0	741.82	--	--	--	--	--	--	--
MH-33	6/8/2001	(Oily3.0ppmbyPID)	--	12.60	(SHEEN)	--	--	--	--	--	--	--	--
MH-33	11/16/2001	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
MH-33	4/3/2002	(Fastflowingnoodornosample observedw/smallbailerwasclse ar)	--	12.90	(SHEEN)	--	--	--	--	--	--	--	--
MH-33	9/10/2002	(Moving water)	--	12.80	--	--	--	--	--	--	--	--	--
MH-33	11/19/2002	(Flowing water)	--	11.84	--	--	--	--	--	--	--	--	--
MH-33	1/28/2003	(Rapid flow from east)	--	12.81	--	--	--	--	--	--	--	--	--
MH-33	4/16/2003	(Strong flow from east to west)	--	12.94	--	--	--	--	--	--	--	--	--
MH-33	7/29/2003	(Flowing water from east)	--	12.83	--	--	--	--	--	--	--	--	--
MH-33	10/7/2003	(Flowing water from east)	--	12.88	--	--	--	--	--	--	--	--	--
MH-33	2/17/2004	(Flowing water from east)	--	12.85	--	--	--	--	--	--	--	--	--
MH-33	5/25/2004	(Flowing water)	--	12.76	--	--	--	--	--	--	--	--	--
MH-33	8/10/2004	(Flowing water from east)	--	12.86	--	--	--	--	--	--	--	--	--
MH-33	11/2/2004	(Flowing water from east)	--	12.83	--	--	--	--	--	--	--	--	--
MH-33	3/1/2005	(Flowing from east)	--	12.85	--	--	--	--	--	--	--	--	--
MH-33	5/25/2005	(Flow from the east)	--	12.97	--	--	--	--	--	--	--	--	--
MH-33	8/18/2005	(Flow from the east)	--	12.87	--	--	--	--	--	--	--	--	--
MH-33	10/25/2005	(Flow from the east)	--	12.90	--	--	--	--	--	--	--	--	--
MH-33	4/26/2006	(Flow from the east)	--	12.83	--	--	--	--	--	--	--	--	--
MH-33	8/29/2006	(Flow from the east)	--	12.82	--	--	--	--	--	--	--	--	--
MH-33	10/17/2006	(Flow from the east)	--	13.03	--	--	--	--	--	--	--	--	--
MH-33	12/5/2006	(Flow from the east)	--	12.86	--	--	--	--	--	--	--	--	--
MH-33	3/27/2007	(Flow from the east)	--	12.90	--	--	--	--	--	--	--	--	--
MH-33	5/15/2007	(Flow from the east)	--	12.92	--	--	--	--	--	--	--	--	--
MH-33	9/18/2007	(Flow from the east)	--	13.59	--	--	--	--	--	--	--	--	--
MH-33	12/11/2007	(Flow from the east)	--	12.85	--	--	--	--	--	--	--	--	--
MH-33	3/26/2008	(Flow from the east)	--	12.97	--	--	--	--	--	--	--	--	--
MH-33	5/28/2008	(Flow from the east)	--	12.79	--	--	--	--	--	--	--	--	--
MH-33	8/20/2008	(Flow from the east)	--	12.70	--	--	--	--	--	--	--	--	--
MH-33	2/10/2009	(Flow from the east)	--	12.93	--	--	--	--	--	--	--	--	--
MH-33	5/20/2009	(Flow from the east)	--	12.86	--	--	--	--	--	--	--	--	--
MH-33	8/5/2009	(Flow from the east)	--	12.86	--	--	--	--	--	--	--	--	--
MH-33	11/11/2009	(Flow from the east)	--	12.93	--	--	--	--	--	--	--	--	--
MH-33	11/19/2009	(Flow from the east)	--	12.85	--	--	--	--	--	--	--	--	--
MH-33	8/11/2010		--	--	--	--	<100	<250	--	0.250	<1.00	<1.00	--
MH-33	2/17/2011		--	--	--	--	--	--	--	--	--	--	<3
MH-33	2/17/2011		--	--	--	--	<100	<246	--	0.620	<1.00	<1.00	--
MH-33	10/4/2012		--	--	--	--	<90.0	<258	--	0.510	<0.500	<0.500	<1.50
MH-33	4/8/2014		--	--	--	--	<100	--	--	0.830	<0.500	<0.500	<1.50
MH-33	11/20/2014	(NP)	--	--	--	--	<50	510	480	2.6	<0.50	0.54(J)	0.80(J)
MH-33	4/30/2015	(NP)	--	--	--	--	<50	70(J)	<65	<0.50	<0.50	0.75(J)	0.89(J)
MH-33	8/3/2015	(NP)	--	--	--	--	<50	<29	88(J)	<0.50	<0.50	<0.50	<0.50
MH-33	11/2/2015	(NP)	--	--	--	--	<50	270	540	<0.50	<0.50	<0.50	<0.50
MH-33	2/8/2016	(NP)	--	--	--	--	<50	4,300	5,000	<0.50	<0.50	<0.50	0.61(J)
MW-33	11/15/2001		744.48	5.61	--	738.87	--	--	--	--	--	--	--
MW-33	4/3/2002		744.48	5.50	--	738.98	--	--	--	--	--	--	--
MW-33	9/9/2002		744.48	5.97	0.50	738.89	--	--	--	--	--	--	--
MW-33	11/18/2002		744.48	5.41	0.05	739.11	--	--	--	--	--	--	--
MW-33	1/27/2003		744.48	4.72	0.01	739.77	--	--	--	--	--	--	--
MW-33	4/15/2003		744.48	4.92	--	739.56	--	--	--	--	--	--	--
MW-33	7/29/2003		744.48	5.54	--	738.94	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-33	10/6/2003		744.48	5.77	0.23	738.88	--	--	--	--	--	--	--
MW-33	2/16/2004		744.48	4.96	0.03	739.54	--	--	--	--	--	--	--
MW-33	5/24/2004		744.48	5.07	--	739.41	--	--	--	--	--	--	--
MW-33	8/9/2004		744.48	5.26	--	739.22	--	--	--	--	--	--	--
MW-33	11/1/2004		744.48	5.24	0.01	739.25	--	--	--	--	--	--	--
MW-33	2/28/2005		744.48	5.33	0.01	739.16	--	--	--	--	--	--	--
MW-33	5/24/2005		744.48	5.38	0.02	739.11	--	--	--	--	--	--	--
MW-33	8/15/2005		744.48	6.12	0.41	738.67	--	--	--	--	--	--	--
MW-33	10/24/2005		744.48	5.79	0.36	738.96	--	--	--	--	--	--	--
MW-33	4/24/2006	(Well maintenance done)	744.48	5.21	0.03	739.29	--	--	--	--	--	--	--
MW-33	8/28/2006		744.48	5.96	0.23	738.69	--	--	--	--	--	--	--
MW-33	10/16/2006		744.48	6.02	0.15	738.57	--	--	--	--	--	--	--
MW-33	12/4/2006		744.48	8.84	--	735.64	--	--	--	--	--	--	--
MW-33	3/26/2007		744.48	5.55	--	738.93	--	--	--	--	--	--	--
MW-33	5/15/2007		744.48	5.41	--	739.07	--	--	--	--	--	--	--
MW-33	9/18/2007		744.48	5.75	--	738.73	--	--	--	--	--	--	--
MW-33	12/11/2007		744.48	5.22	0.06	739.30	--	--	--	--	--	--	--
MW-33	3/25/2008		744.48	5.40	--	739.08	--	--	--	--	--	--	--
MW-33	5/27/2008		744.48	5.30	--	739.18	--	--	--	--	--	--	--
MW-33	8/19/2008		744.48	8.55	--	735.93	--	--	--	--	--	--	--
MW-33	11/18/2008		744.48	5.65	0.13	738.93	--	--	--	--	--	--	--
MW-33	2/10/2009		744.48	5.60	0.04	738.91	--	--	--	--	--	--	--
MW-33	5/19/2009		744.48	5.65	0.05	738.87	--	--	--	--	--	--	--
MW-33	8/4/2009		744.48	6.10	0.19	738.52	--	--	--	--	--	--	--
MW-33	11/10/2009		744.48	5.78	0.04	738.73	--	--	--	--	--	--	--
MW-33	2/16/2010		747.46	5.00	--	742.46	--	--	--	--	--	--	--
MW-33	2/17/2010		--	--	--	--	<50	<120	<240(^)	<1.0	<1.0	<1.0	<2.0
MW-33	6/30/2010		747.46	5.31	--	742.15	--	--	--	--	--	--	--
MW-33	8/11/2010		747.46	5.67	0.07	741.79	--	--	--	--	--	--	--
MW-33	11/11/2010		747.46	5.35	--	742.11	--	--	--	--	--	--	--
MW-33	2/15/2011		747.46	5.11	0.01	742.35	--	--	--	--	--	--	--
MW-33	9/12/2011		747.46	5.38	0.0	742.08	--	--	--	--	--	--	--
MW-33	10/3/2012		747.46	5.54	0.02	741.92	--	--	--	--	--	--	--
MW-33	4/7/2014		747.46	5.40	0.01	742.08	--	--	--	--	--	--	--
MW-33	11/19/2014	(NAPL)	747.46	5.29	0.07	742.23	--	--	--	--	--	--	--
MW-33	4/29/2015	(NAPL)	747.46	5.36	0.04	742.13	--	--	--	--	--	--	--
MW-33	8/3/2015	(NS)	747.46	6.15	0.0	741.31	--	--	--	--	--	--	--
MW-33	11/2/2015	(NS)	747.46	5.85	0.0	741.61	--	--	--	--	--	--	--
MW-33	2/8/2016	(NAPL)	747.46	4.86	0.04	742.63	--	--	--	--	--	--	--
MH-34	6/8/2001		--	8.93	--	--	--	--	--	--	--	--	--
MH-34	11/16/2001		--	9.22	--	--	--	--	--	--	--	--	--
MH-34	4/3/2002		--	9.24	--	--	--	--	--	--	--	--	--
MH-34	9/10/2002	(Slowflowingpetroleum-likeodorandpresentproductglobulesvisibleatsurface)	--	9.05	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	11/19/2002	(Still/stagnantwaterslightpetroleumodorpresent)	--	9.23	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	1/28/2003	(Still/stagnant water, slight petroleum odor, product globules visible at surface)	--	9.04	--	--	--	--	--	--	--	--	--
MH-34	4/16/2003	(Low flow from north, hydrocarbon odor)	--	9.28	--	--	--	--	--	--	--	--	--
MH-34	7/29/2003	(Slight flow from the north)	--	9.02	--	--	--	--	--	--	--	--	--
MH-34	10/7/2003	(Slight flow from the north, hydrocarbon odor, product globules visible at surface)	--	9.10	--	--	--	--	--	--	--	--	--
MH-34	2/17/2004	(Slightflowfromthenorthhydrocarbonodorslight)	--	9.08	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	5/25/2004	(Visiblehydrocarbonodor)	--	9.24	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	8/10/2004	(Slightwaterpresentpetroleum odor)	--	9.14	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	11/2/2004	(Stagnantslightpetroleumodor)	--	9.10	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	3/1/2005	(Stagnantslightproductglobulesonsurfacepetroleumodor)	--	9.10	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	5/25/2005	(productglobulespetroleumodor)	--	9.28	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	8/18/2005	(productglobulesflowfromnorth)	--	9.08	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	10/25/2005	(hydrocarbonodorproductglobulesstagnantwater)	--	9.11	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	4/26/2006	(hydrocarbonodorproductglobulesstagnantwater)	--	9.10	(SHEEN)	--	--	--	--	--	--	--	--

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All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MH-34	8/29/2006	(Stronghydrocarbonodorthick stagnantwater)	--	9.25	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	10/17/2006	(Stronghydrocarbonodorthick stagnantwater)	--	9.12	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	12/5/2006	(Stronghydrocarbonodor(250 ppmvbyPID)thickflowingwater fromnorth)	--	9.18	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	3/28/2007	(Stronghydrocarbonodor(0%byLEL)thickflowingwaterfromnorth)	--	9.20	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	5/15/2007	(hydrocarbonodorproductglobulesstagnantwater)	--	9.25	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	9/19/2007	(productglobulesstagnantwater0%byLEL)	--	9.17	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	12/12/2007	(productglobulesstagnantwater8.1ppmvbyPID)	--	9.30	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	3/26/2008	(productglobulesstagnantwater0.0ppmvbyPID)	--	9.29	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	5/28/2008	(appearswhensedimentisdistributedbythevacuumevent)	--	9.02	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	8/20/2008	(Blackoillikeonstagnantsurfaceenodor0.0ppmvbyPID)	--	9.30	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	2/11/2009	(Blackoillikeonstagnantsurfaceenodor14.0ppmvbyPID)	--	9.30	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	5/20/2009	(Nostagnantsurface)	--	9.30	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	8/5/2009	(Blackoillikeonstagnantsurfaceenodor)	--	9.18	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	11/11/2009	(Oilyodor.)	--	9.31	(SHEEN)	--	--	--	--	--	--	--	--
MH-34	8/13/2010		--	--	--	--	426	--	--	--	--	--	--
MH-34	2/17/2011		--	--	--	--	--	--	--	--	--	--	202.44
MH-34	2/17/2011		--	--	--	--	1,610	38,200	--	13.8	<2.00	30.7	--
MH-34	10/4/2012		--	--	--	--	119	232,000(P2)	--	10.2	<0.500	13.0	7.47
MH-34	4/8/2014		--	--	--	--	<100	--	--	4.95	<0.500	2.76	3.90
MH-34	11/20/2014	(NP)	--	--	--	--	72(J)	19,000	17,000(J)	0.90(J)	<0.50	0.68(J)	1.8
MH-34	4/29/2015	(NP)	--	--	--	--	1,100	57,000	51,000	0.81(J)	<0.50	1.9	66
MH-34	8/3/2015	(NP)	--	--	--	--	<50	5,000	5,100	1.1	<0.50	1.2	2.0
MH-34	11/2/2015	(NP)	--	--	--	--	<50	210,000	140,000	<0.50	<0.50	<0.50	<0.50
MH-34	2/8/2016	(NP)	--	--	--	--	--	--	--	--	--	--	--
MW-34	2/17/2010		--	--	--	--	220	1,200	1,100	9.2	<1.0	7.7	30
MW-34	2/8/2016		--	--	--	--	350	29,000	24,000(J)	5.7	<0.50	6.1	18
MH-35	6/8/2001		--	9.50	--	--	--	--	--	--	--	--	--
MH-35	11/16/2001		--	9.34	--	--	--	--	--	--	--	--	--
MH-35	4/3/2002		--	9.44	--	--	--	--	--	--	--	--	--
MH-37	6/8/2001		--	8.23	--	--	--	--	--	--	--	--	--
MH-37	11/16/2001	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
MW-38	6/8/2001		--	7.32	--	--	--	--	--	--	--	--	--
MW-38	11/16/2001		--	7.41	--	--	--	--	--	--	--	--	--
MW-38	9/10/2002		--	7.39	--	--	--	--	--	--	--	--	--
MW-38	11/19/2002		--	7.39	--	--	--	--	--	--	--	--	--
MW-38	1/28/2003		--	7.22	--	--	--	--	--	--	--	--	--
MW-38	4/16/2003		--	7.35	--	--	--	--	--	--	--	--	--
MW-38	7/29/2003		--	7.20	--	--	--	--	--	--	--	--	--
MW-38	10/7/2003		--	7.27	--	--	--	--	--	--	--	--	--
MW-38	2/17/2004		--	7.28	--	--	--	--	--	--	--	--	--
MW-38	5/25/2004		--	7.35	--	--	--	--	--	--	--	--	--
MW-38	8/10/2004		--	7.37	--	--	--	--	--	--	--	--	--
MW-38	11/2/2004		--	7.25	--	--	--	--	--	--	--	--	--
MW-38	3/1/2005		--	7.24	--	--	--	--	--	--	--	--	--
MW-38	5/25/2005		--	7.41	--	--	--	--	--	--	--	--	--
MW-38	8/18/2005		--	7.34	--	--	--	--	--	--	--	--	--
MW-38	10/25/2005		--	7.32	--	--	--	--	--	--	--	--	--
MW-38	4/26/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
MW-39	4/7/2014	(LF)	750.06	6.41	0.0	743.65	271	--	--	74.6	1.43	3.64	17.8
MW-39	11/19/2014	(LF)	750.06	5.43	0.0	744.63	120(J)	45(J)	<65	<0.50	<0.50	0.58(J)	5.4
MW-39	4/29/2015	(NS)	750.06	6.28	0.0	743.78	--	--	--	--	--	--	--
MW-39	4/30/2015	(LFP)	750.06	--	--	--	<50	38(J)	<66	1.1	0.81(J)	0.73(J)	5.1
MW-39	8/3/2015	(NS)	750.06	6.98	0.0	743.08	--	--	--	--	--	--	--
MW-39	8/4/2015	(LFP)	750.06	--	--	--	<50	44(J)	<66	<0.50	<0.50	<0.50	<0.50

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Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
MW-39	11/2/2015	(NS)	750.06	6.72	0.0	743.34	--	--	--	--	--	--	--
MW-39	11/3/2015	(LFP)	750.06	--	--	--	<50	60(J)	<65	8.2	<0.50	1.1	2.0
MW-39	11/3/2015	(Dup)(LFP)	750.06	--	--	--	110(J)	60(J)	<66	5.0	<0.50	0.67(J)	0.72(J)
MW-39	2/8/2016	(LFP)	750.06	5.61	0.0	744.45	<50	170	210(J)	<0.50	<0.50	<0.50	<0.50
MW-40	4/8/2014	(LF)	749.90	6.26	0.0	743.64	1,660	--	--	266	34.5	47.6	199
MW-40	11/19/2014	(NS)	749.90	6.43	0.0	743.47	--	--	--	--	--	--	--
MW-40	11/20/2014	(LF)	749.90	--	--	--	2,400	950	250	460	60	140	230
MW-40	4/29/2015	(NS)	749.90	6.28	0.0	743.62	--	--	--	--	--	--	--
MW-40	4/30/2015	(LFP)	749.90	--	--	--	730	480	82(J)	510	19	83	41
MW-40	8/3/2015	(NS)	749.90	6.86	0.0	743.04	--	--	--	--	--	--	--
MW-40	8/4/2015	(LFP)	749.90	--	--	--	1,200	320	<67	250	53	100	80
MW-40	11/2/2015	(NS)	749.90	6.57	0.0	743.33	--	--	--	--	--	--	--
MW-40	11/3/2015	(LFP)	749.90	--	--	--	2,700	380	<65	970	130	180	170
MW-40	2/8/2016	(NS)	749.90	5.55	0.0	744.35	--	--	--	--	--	--	--
MW-40	2/9/2016	(LFP)	749.90	--	--	--	160(J)	290	280	1.6	<0.50	0.63(J)	<0.50
MW-41	4/8/2014	(LF)	749.11	5.46	0.0	743.65	<100	--	--	2.87	<0.500	1.16	8.11
MW-41	11/19/2014	(LF)	749.11	5.44	0.0	743.67	52(J)	67(J)	<66	1.4	<0.50	0.53(J)	1.6
MW-41	4/29/2015	(NS)	749.11	5.42	0.0	743.69	--	--	--	--	--	--	--
MW-41	4/30/2015	(LFP)	749.11	--	--	--	<50	560	390	2.8	<0.50	<0.50	<0.50
MW-41	8/3/2015	(NS)	749.11	6.01	0.0	743.10	--	--	--	--	--	--	--
MW-41	8/4/2015	(LFP)	749.11	--	--	--	350	250	<67	130	2.6	73	15
MW-41	11/2/2015	(NS)	749.11	5.78	0.0	743.33	--	--	--	--	--	--	--
MW-41	11/3/2015	(LFP)	749.11	--	--	--	370	200	<69	38	0.91(J)	14	1.4
MW-41	2/8/2016	(NS)	749.11	4.68	0.0	744.43	--	--	--	--	--	--	--
MW-41	2/9/2016	(LFP)	749.11	--	--	--	<50	250	380	<0.50	<0.50	<0.50	<0.50
MW-42	4/8/2014	(LF)	749.66	6.20	0.0	743.46	90,300	--	--	9,730	10,700	2,090	8,990
MW-42	11/19/2014	(NAPL)	749.66	6.29	0.23	743.55	--	--	--	--	--	--	--
MW-42	4/29/2015	(NAPL)	749.66	6.27	0.15	743.51	--	--	--	--	--	--	--
MW-42	8/3/2015	(NAPL)	749.66	6.95	0.17	742.85	--	--	--	--	--	--	--
MW-42	11/2/2015	(NAPL)	749.66	6.63	0.08	743.09	--	--	--	--	--	--	--
MW-42	2/8/2016	(NAPL)	749.66	5.60	0.04	744.09	--	--	--	--	--	--	--
NT-A1-D	9/11/2002		--	6.10	--	--	--	--	--	--	--	--	--
NT-A1-D	10/15/2002		--	5.44	0.01	--	--	--	--	--	--	--	--
NT-A1-D	11/21/2002		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-D	1/29/2003		--	4.71	--	--	--	--	--	--	--	--	--
NT-A1-D	4/17/2003		--	4.90	0.01	--	--	--	--	--	--	--	--
NT-A1-D	7/31/2003		--	5.62	--	--	--	--	--	--	--	--	--
NT-A1-D	10/8/2003		--	5.63	0.01	--	--	--	--	--	--	--	--
NT-A1-D	2/18/2004		--	4.86	0.01	--	--	--	--	--	--	--	--
NT-A1-D	5/26/2004		--	5.02	--	--	--	--	--	--	--	--	--
NT-A1-D	8/12/2004		--	5.42	0.01	--	--	--	--	--	--	--	--
NT-A1-D	11/4/2004		--	5.58	--	--	--	--	--	--	--	--	--
NT-A1-D	3/3/2005		--	5.38	--	--	--	--	--	--	--	--	--
NT-A1-D	5/27/2005		--	5.45	--	--	--	--	--	--	--	--	--
NT-A1-D	8/17/2005		--	5.90	0.01	--	--	--	--	--	--	--	--
NT-A1-D	10/27/2005		--	5.57	0.02	--	--	--	--	--	--	--	--
NT-A1-D	4/26/2006		--	5.21	--	--	--	--	--	--	--	--	--
NT-A1-D	8/29/2006		--	5.78	--	--	--	--	--	--	--	--	--
NT-A1-D	10/18/2006		--	5.95	--	--	--	--	--	--	--	--	--
NT-A1-D	12/6/2006		--	5.93	--	--	--	--	--	--	--	--	--
NT-A1-D	3/27/2007		--	5.66	--	--	--	--	--	--	--	--	--
NT-A1-D	5/16/2007		--	5.50	--	--	--	--	--	--	--	--	--
NT-A1-D	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A1-D	12/12/2007		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-D	3/27/2008		--	5.46	--	--	--	--	--	--	--	--	--
NT-A1-D	5/29/2008		--	5.32	--	--	--	--	--	--	--	--	--
NT-A1-D	8/21/2008		--	5.61	--	--	--	--	--	--	--	--	--
NT-A1-D	2/12/2009		--	5.37	--	--	--	--	--	--	--	--	--
NT-A1-D	5/21/2009		--	5.67	--	--	--	--	--	--	--	--	--
NT-A1-D	8/6/2009		--	6.00	--	--	--	--	--	--	--	--	--
NT-A1-D	11/12/2009		--	5.78	0.02	--	--	--	--	--	--	--	--
NT-A1-D	11/20/2009		--	5.60	--	--	--	--	--	--	--	--	--
NT-A1-I	9/11/2002		--	6.10	--	--	--	--	--	--	--	--	--
NT-A1-I	10/15/2002		--	5.41	0.01	--	--	--	--	--	--	--	--
NT-A1-I	11/21/2002	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A1-I	1/29/2003		--	4.67	--	--	--	--	--	--	--	--	--
NT-A1-I	4/17/2003		--	4.86	0.01	--	--	--	--	--	--	--	--
NT-A1-I	7/31/2003		--	5.59	--	--	--	--	--	--	--	--	--
NT-A1-I	10/8/2003		--	5.60	0.01	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
NT-A1-I	2/18/2004		--	4.81	0.01	--	--	--	--	--	--	--	--
NT-A1-I	5/26/2004		--	4.98	--	--	--	--	--	--	--	--	--
NT-A1-I	8/12/2004		--	5.37	0.01	--	--	--	--	--	--	--	--
NT-A1-I	11/4/2004		--	5.66	--	--	--	--	--	--	--	--	--
NT-A1-I	3/3/2005		--	5.35	0.01	--	--	--	--	--	--	--	--
NT-A1-I	5/27/2005		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-I	8/17/2005		--	5.86	0.01	--	--	--	--	--	--	--	--
NT-A1-I	10/27/2005		--	5.54	0.02	--	--	--	--	--	--	--	--
NT-A1-I	4/26/2006		--	5.17	--	--	--	--	--	--	--	--	--
NT-A1-I	8/29/2006		--	5.75	--	--	--	--	--	--	--	--	--
NT-A1-I	10/18/2006		--	5.90	--	--	--	--	--	--	--	--	--
NT-A1-I	12/6/2006		--	5.85	--	--	--	--	--	--	--	--	--
NT-A1-I	3/27/2007		--	5.60	--	--	--	--	--	--	--	--	--
NT-A1-I	5/16/2007		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-I	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A1-I	12/12/2007		--	5.15	--	--	--	--	--	--	--	--	--
NT-A1-I	3/27/2008		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-I	5/29/2008		--	5.28	--	--	--	--	--	--	--	--	--
NT-A1-I	8/21/2008		--	5.55	--	--	--	--	--	--	--	--	--
NT-A1-I	2/12/2009		--	5.59	--	--	--	--	--	--	--	--	--
NT-A1-I	5/21/2009		--	5.60	--	--	--	--	--	--	--	--	--
NT-A1-I	8/6/2009		--	5.90	--	--	--	--	--	--	--	--	--
NT-A1-I	11/12/2009		--	5.73	0.01	--	--	--	--	--	--	--	--
NT-A1-I	11/20/2009		--	5.56	--	--	--	--	--	--	--	--	--
NT-A1-S	9/11/2002		--	5.52	--	--	--	--	--	--	--	--	--
NT-A1-S	10/15/2002		--	5.38	0.01	--	--	--	--	--	--	--	--
NT-A1-S	11/21/2002		--	5.36	--	--	--	--	--	--	--	--	--
NT-A1-S	1/29/2003		--	4.63	--	--	--	--	--	--	--	--	--
NT-A1-S	4/17/2003		--	4.84	0.01	--	--	--	--	--	--	--	--
NT-A1-S	7/31/2003		--	5.56	--	--	--	--	--	--	--	--	--
NT-A1-S	10/8/2003		--	5.59	0.01	--	--	--	--	--	--	--	--
NT-A1-S	2/18/2004		--	4.80	0.01	--	--	--	--	--	--	--	--
NT-A1-S	5/26/2004		--	4.95	--	--	--	--	--	--	--	--	--
NT-A1-S	8/12/2004		--	5.34	0.01	--	--	--	--	--	--	--	--
NT-A1-S	11/4/2004		--	5.59	--	--	--	--	--	--	--	--	--
NT-A1-S	3/3/2005		--	5.31	--	--	--	--	--	--	--	--	--
NT-A1-S	5/27/2005		--	5.40	--	--	--	--	--	--	--	--	--
NT-A1-S	8/17/2005		--	5.82	0.01	--	--	--	--	--	--	--	--
NT-A1-S	10/27/2005		--	5.54	0.02	--	--	--	--	--	--	--	--
NT-A1-S	4/26/2006		--	5.14	--	--	--	--	--	--	--	--	--
NT-A1-S	8/29/2006		--	5.75	--	--	--	--	--	--	--	--	--
NT-A1-S	10/18/2006		--	5.90	--	--	--	--	--	--	--	--	--
NT-A1-S	12/6/2006		--	5.92	--	--	--	--	--	--	--	--	--
NT-A1-S	3/27/2007		--	5.60	--	--	--	--	--	--	--	--	--
NT-A1-S	5/16/2007		--	5.42	--	--	--	--	--	--	--	--	--
NT-A1-S	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A1-S	12/12/2007		--	5.31	--	--	--	--	--	--	--	--	--
NT-A1-S	3/27/2008		--	5.40	--	--	--	--	--	--	--	--	--
NT-A1-S	5/29/2008		--	5.26	--	--	--	--	--	--	--	--	--
NT-A1-S	8/21/2008		--	5.52	--	--	--	--	--	--	--	--	--
NT-A1-S	2/12/2009		--	5.77	--	--	--	--	--	--	--	--	--
NT-A1-S	5/21/2009		--	5.62	--	--	--	--	--	--	--	--	--
NT-A1-S	8/6/2009		--	5.95	--	--	--	--	--	--	--	--	--
NT-A1-S	11/12/2009		--	5.70	0.01	--	--	--	--	--	--	--	--
NT-A1-S	11/20/2009		--	5.58	--	--	--	--	--	--	--	--	--
NT-A2-D	9/11/2002		--	6.16	--	--	--	--	--	--	--	--	--
NT-A2-D	10/15/2002		--	5.51	0.01	--	--	--	--	--	--	--	--
NT-A2-D	11/21/2002		--	5.47	--	--	--	--	--	--	--	--	--
NT-A2-D	1/29/2003		--	4.75	--	--	--	--	--	--	--	--	--
NT-A2-D	4/17/2003		--	4.95	0.01	--	--	--	--	--	--	--	--
NT-A2-D	7/31/2003		--	5.67	--	--	--	--	--	--	--	--	--
NT-A2-D	10/8/2003		--	5.68	0.01	--	--	--	--	--	--	--	--
NT-A2-D	2/18/2004		--	4.91	0.01	--	--	--	--	--	--	--	--
NT-A2-D	5/26/2004		--	5.07	--	--	--	--	--	--	--	--	--
NT-A2-D	8/12/2004		--	5.47	--	--	--	--	--	--	--	--	--
NT-A2-D	11/4/2004		--	5.31	0.01	--	--	--	--	--	--	--	--
NT-A2-D	3/3/2005		--	5.43	--	--	--	--	--	--	--	--	--
NT-A2-D	5/27/2005		--	5.62	--	--	--	--	--	--	--	--	--
NT-A2-D	8/17/2005		--	5.97	0.03	--	--	--	--	--	--	--	--
NT-A2-D	10/27/2005		--	5.63	0.02	--	--	--	--	--	--	--	--
NT-A2-D	4/26/2006		--	5.29	--	--	--	--	--	--	--	--	--
NT-A2-D	8/29/2006		--	5.95	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
NT-A2-D	10/18/2006		--	6.05	--	--	--	--	--	--	--	--	--
NT-A2-D	12/6/2006		--	6.00	--	--	--	--	--	--	--	--	--
NT-A2-D	3/27/2007		--	5.69	--	--	--	--	--	--	--	--	--
NT-A2-D	5/16/2007		--	5.50	--	--	--	--	--	--	--	--	--
NT-A2-D	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A2-D	12/12/2007		--	5.24	--	--	--	--	--	--	--	--	--
NT-A2-D	3/27/2008		--	5.52	--	--	--	--	--	--	--	--	--
NT-A2-D	5/29/2008		--	5.49	--	--	--	--	--	--	--	--	--
NT-A2-D	8/21/2008		--	5.65	--	--	--	--	--	--	--	--	--
NT-A2-D	2/12/2009		--	5.74	--	--	--	--	--	--	--	--	--
NT-A2-D	5/21/2009		--	6.05	--	--	--	--	--	--	--	--	--
NT-A2-D	8/6/2009		--	6.05	0.02	--	--	--	--	--	--	--	--
NT-A2-D	11/12/2009		--	5.81	0.01	--	--	--	--	--	--	--	--
NT-A2-D	11/20/2009		--	5.62	--	--	--	--	--	--	--	--	--
NT-A2-I	9/11/2002		--	6.14	--	--	--	--	--	--	--	--	--
NT-A2-I	10/15/2002		--	5.47	0.01	--	--	--	--	--	--	--	--
NT-A2-I	11/21/2002		--	5.45	--	--	--	--	--	--	--	--	--
NT-A2-I	1/29/2003		--	4.67	--	--	--	--	--	--	--	--	--
NT-A2-I	4/17/2003		--	4.94	0.01	--	--	--	--	--	--	--	--
NT-A2-I	7/31/2003		--	5.65	--	--	--	--	--	--	--	--	--
NT-A2-I	10/8/2003		--	5.66	0.01	--	--	--	--	--	--	--	--
NT-A2-I	2/18/2004		--	4.86	0.01	--	--	--	--	--	--	--	--
NT-A2-I	5/26/2004		--	5.04	--	--	--	--	--	--	--	--	--
NT-A2-I	8/12/2004		--	5.44	--	--	--	--	--	--	--	--	--
NT-A2-I	11/4/2004		--	5.16	--	--	--	--	--	--	--	--	--
NT-A2-I	3/3/2005		--	5.40	--	--	--	--	--	--	--	--	--
NT-A2-I	5/27/2005		--	5.49	0.01	--	--	--	--	--	--	--	--
NT-A2-I	8/17/2005		--	5.94	0.01	--	--	--	--	--	--	--	--
NT-A2-I	10/27/2005		--	5.60	0.01	--	--	--	--	--	--	--	--
NT-A2-I	4/26/2006		--	5.23	--	--	--	--	--	--	--	--	--
NT-A2-I	8/29/2006		--	5.92	--	--	--	--	--	--	--	--	--
NT-A2-I	10/18/2006		--	6.10	--	--	--	--	--	--	--	--	--
NT-A2-I	12/6/2006		--	5.95	--	--	--	--	--	--	--	--	--
NT-A2-I	3/27/2007		--	5.69	--	--	--	--	--	--	--	--	--
NT-A2-I	5/16/2007		--	5.49	--	--	--	--	--	--	--	--	--
NT-A2-I	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A2-I	12/12/2007		--	5.44	--	--	--	--	--	--	--	--	--
NT-A2-I	3/27/2008		--	5.51	--	--	--	--	--	--	--	--	--
NT-A2-I	5/29/2008		--	5.34	--	--	--	--	--	--	--	--	--
NT-A2-I	8/21/2008		--	5.63	--	--	--	--	--	--	--	--	--
NT-A2-I	2/12/2009		--	5.70	--	--	--	--	--	--	--	--	--
NT-A2-I	5/21/2009		--	5.90	--	--	--	--	--	--	--	--	--
NT-A2-I	8/6/2009		--	6.02	0.01	--	--	--	--	--	--	--	--
NT-A2-I	11/12/2009		--	5.80	0.01	--	--	--	--	--	--	--	--
NT-A2-I	11/20/2009		--	5.61	--	--	--	--	--	--	--	--	--
NT-A2-S	9/11/2002		--	5.73	--	--	--	--	--	--	--	--	--
NT-A2-S	10/15/2002		--	5.60	0.01	--	--	--	--	--	--	--	--
NT-A2-S	11/21/2002		--	5.57	--	--	--	--	--	--	--	--	--
NT-A2-S	1/29/2003		--	4.88	--	--	--	--	--	--	--	--	--
NT-A2-S	4/17/2003		--	5.06	0.01	--	--	--	--	--	--	--	--
NT-A2-S	7/31/2003		--	5.78	--	--	--	--	--	--	--	--	--
NT-A2-S	10/8/2003		--	5.79	0.01	--	--	--	--	--	--	--	--
NT-A2-S	2/18/2004		--	5.00	0.01	--	--	--	--	--	--	--	--
NT-A2-S	5/26/2004		--	5.17	--	--	--	--	--	--	--	--	--
NT-A2-S	8/12/2004	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A2-S	11/4/2004		--	5.33	--	--	--	--	--	--	--	--	--
NT-A2-S	3/3/2005		--	5.53	--	--	--	--	--	--	--	--	--
NT-A2-S	5/27/2005		--	5.60	--	--	--	--	--	--	--	--	--
NT-A2-S	8/17/2005		--	6.05	0.01	--	--	--	--	--	--	--	--
NT-A2-S	10/27/2005		--	5.72	0.01	--	--	--	--	--	--	--	--
NT-A2-S	4/26/2006		--	5.35	--	--	--	--	--	--	--	--	--
NT-A2-S	8/29/2006		--	6.05	--	--	--	--	--	--	--	--	--
NT-A2-S	10/18/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A2-S	12/6/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A2-S	3/27/2007		--	5.83	--	--	--	--	--	--	--	--	--
NT-A2-S	5/16/2007		--	5.65	--	--	--	--	--	--	--	--	--
NT-A2-S	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A2-S	12/12/2007		--	5.56	--	--	--	--	--	--	--	--	--
NT-A2-S	3/27/2008		--	5.62	--	--	--	--	--	--	--	--	--
NT-A2-S	5/29/2008		--	5.47	--	--	--	--	--	--	--	--	--
NT-A2-S	8/21/2008		--	5.77	--	--	--	--	--	--	--	--	--
NT-A2-S	2/12/2009		--	5.81	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
NT-A2-S	5/21/2009		--	6.00	--	--	--	--	--	--	--	--	--
NT-A2-S	8/6/2009		--	6.14	--	--	--	--	--	--	--	--	--
NT-A2-S	11/12/2009		--	5.95	0.01	--	--	--	--	--	--	--	--
NT-A2-S	11/20/2009		--	5.75	--	--	--	--	--	--	--	--	--
NT-A3-D	9/11/2002		--	6.36	--	--	--	--	--	--	--	--	--
NT-A3-D	10/15/2002		--	5.72	0.02	--	--	--	--	--	--	--	--
NT-A3-D	11/21/2002		--	5.68	--	--	--	--	--	--	--	--	--
NT-A3-D	1/29/2003		--	4.93	--	--	--	--	--	--	--	--	--
NT-A3-D	4/17/2003		--	5.14	0.01	--	--	--	--	--	--	--	--
NT-A3-D	7/31/2003		--	5.87	--	--	--	--	--	--	--	--	--
NT-A3-D	10/8/2003		--	5.90	0.01	--	--	--	--	--	--	--	--
NT-A3-D	2/18/2004		--	5.10	0.01	--	--	--	--	--	--	--	--
NT-A3-D	5/26/2004		--	5.26	--	--	--	--	--	--	--	--	--
NT-A3-D	8/12/2004		--	5.65	--	--	--	--	--	--	--	--	--
NT-A3-D	11/4/2004		--	5.31	--	--	--	--	--	--	--	--	--
NT-A3-D	3/3/2005		--	5.64	--	--	--	--	--	--	--	--	--
NT-A3-D	5/27/2005		--	5.72	--	--	--	--	--	--	--	--	--
NT-A3-D	8/17/2005		--	6.17	--	--	--	--	--	--	--	--	--
NT-A3-D	10/27/2005		--	5.84	0.02	--	--	--	--	--	--	--	--
NT-A3-D	4/26/2006		--	5.47	--	--	--	--	--	--	--	--	--
NT-A3-D	8/29/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A3-D	10/18/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A3-D	12/6/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A3-D	3/27/2007		--	5.80	--	--	--	--	--	--	--	--	--
NT-A3-D	5/16/2007		--	5.71	--	--	--	--	--	--	--	--	--
NT-A3-D	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A3-D	12/12/2007		--	5.58	--	--	--	--	--	--	--	--	--
NT-A3-D	3/27/2008		--	5.73	--	--	--	--	--	--	--	--	--
NT-A3-D	5/29/2008		--	5.59	--	--	--	--	--	--	--	--	--
NT-A3-D	8/21/2008		--	5.89	--	--	--	--	--	--	--	--	--
NT-A3-D	2/12/2009		--	5.95	--	--	--	--	--	--	--	--	--
NT-A3-D	5/21/2009		--	6.49	--	--	--	--	--	--	--	--	--
NT-A3-D	8/6/2009		--	6.29	--	--	--	--	--	--	--	--	--
NT-A3-D	11/12/2009		--	6.22	0.01	--	--	--	--	--	--	--	--
NT-A3-D	11/20/2009		--	5.84	--	--	--	--	--	--	--	--	--
NT-A3-I	9/11/2002		--	6.25	0.01	--	--	--	--	--	--	--	--
NT-A3-I	10/15/2002		--	5.68	0.02	--	--	--	--	--	--	--	--
NT-A3-I	11/21/2002		--	5.64	--	--	--	--	--	--	--	--	--
NT-A3-I	1/29/2003		--	4.92	--	--	--	--	--	--	--	--	--
NT-A3-I	4/17/2003		--	5.10	0.01	--	--	--	--	--	--	--	--
NT-A3-I	7/31/2003		--	5.86	--	--	--	--	--	--	--	--	--
NT-A3-I	10/8/2003		--	5.85	0.01	--	--	--	--	--	--	--	--
NT-A3-I	2/18/2004		--	5.05	0.01	--	--	--	--	--	--	--	--
NT-A3-I	5/26/2004		--	5.24	--	--	--	--	--	--	--	--	--
NT-A3-I	8/12/2004		--	5.63	--	--	--	--	--	--	--	--	--
NT-A3-I	11/4/2004		--	5.12	--	--	--	--	--	--	--	--	--
NT-A3-I	3/3/2005		--	5.60	--	--	--	--	--	--	--	--	--
NT-A3-I	5/27/2005		--	5.67	--	--	--	--	--	--	--	--	--
NT-A3-I	8/17/2005		--	6.12	0.01	--	--	--	--	--	--	--	--
NT-A3-I	10/27/2005		--	5.80	0.02	--	--	--	--	--	--	--	--
NT-A3-I	4/26/2006		--	5.40	--	--	--	--	--	--	--	--	--
NT-A3-I	8/29/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A3-I	10/18/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A3-I	12/6/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A3-I	3/27/2007		--	5.85	--	--	--	--	--	--	--	--	--
NT-A3-I	5/16/2007		--	5.69	--	--	--	--	--	--	--	--	--
NT-A3-I	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A3-I	12/12/2007		--	5.60	--	--	--	--	--	--	--	--	--
NT-A3-I	3/27/2008		--	5.69	--	--	--	--	--	--	--	--	--
NT-A3-I	5/29/2008		--	5.60	--	--	--	--	--	--	--	--	--
NT-A3-I	8/21/2008		--	5.82	--	--	--	--	--	--	--	--	--
NT-A3-I	2/12/2009		--	6.15	--	--	--	--	--	--	--	--	--
NT-A3-I	5/21/2009		--	6.45	--	--	--	--	--	--	--	--	--
NT-A3-I	8/6/2009		--	6.24	--	--	--	--	--	--	--	--	--
NT-A3-I	11/12/2009		--	6.11	--	--	--	--	--	--	--	--	--
NT-A3-I	11/20/2009		--	5.82	--	--	--	--	--	--	--	--	--
NT-A3-S	9/11/2002		--	5.80	--	--	--	--	--	--	--	--	--
NT-A3-S	10/15/2002		--	5.66	0.02	--	--	--	--	--	--	--	--
NT-A3-S	11/21/2002		--	5.63	--	--	--	--	--	--	--	--	--
NT-A3-S	1/29/2003		--	4.87	--	--	--	--	--	--	--	--	--
NT-A3-S	4/17/2003		--	5.09	0.01	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
NT-A3-S	7/31/2003		--	5.82	--	--	--	--	--	--	--	--	--
NT-A3-S	10/8/2003		--	5.82	0.01	--	--	--	--	--	--	--	--
NT-A3-S	2/18/2004		--	5.03	0.01	--	--	--	--	--	--	--	--
NT-A3-S	5/26/2004		--	5.21	--	--	--	--	--	--	--	--	--
NT-A3-S	8/12/2004		--	5.60	--	--	--	--	--	--	--	--	--
NT-A3-S	11/4/2004		--	4.99	--	--	--	--	--	--	--	--	--
NT-A3-S	3/3/2005		--	5.58	--	--	--	--	--	--	--	--	--
NT-A3-S	5/27/2005		--	5.66	--	--	--	--	--	--	--	--	--
NT-A3-S	8/17/2005		--	6.11	0.01	--	--	--	--	--	--	--	--
NT-A3-S	10/27/2005		--	5.77	0.02	--	--	--	--	--	--	--	--
NT-A3-S	4/26/2006		--	5.42	--	--	--	--	--	--	--	--	--
NT-A3-S	8/29/2006		--	6.11	--	--	--	--	--	--	--	--	--
NT-A3-S	10/18/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A3-S	12/6/2006		--	6.11	--	--	--	--	--	--	--	--	--
NT-A3-S	3/27/2007		--	5.80	--	--	--	--	--	--	--	--	--
NT-A3-S	5/16/2007		--	5.65	--	--	--	--	--	--	--	--	--
NT-A3-S	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A3-S	12/12/2007		--	5.59	--	--	--	--	--	--	--	--	--
NT-A3-S	3/27/2008		--	5.68	--	--	--	--	--	--	--	--	--
NT-A3-S	5/29/2008		--	5.54	--	--	--	--	--	--	--	--	--
NT-A3-S	8/21/2008		--	5.81	--	--	--	--	--	--	--	--	--
NT-A3-S	2/12/2009		--	6.09	--	--	--	--	--	--	--	--	--
NT-A3-S	5/21/2009		--	6.45	--	--	--	--	--	--	--	--	--
NT-A3-S	8/6/2009		--	6.21	--	--	--	--	--	--	--	--	--
NT-A3-S	11/12/2009		--	6.17	0.02	--	--	--	--	--	--	--	--
NT-A3-S	11/20/2009		--	5.78	--	--	--	--	--	--	--	--	--
NT-A4-D	9/11/2002		--	6.30	--	--	--	--	--	--	--	--	--
NT-A4-D	10/15/2002		--	5.67	0.01	--	--	--	--	--	--	--	--
NT-A4-D	11/21/2002		--	5.65	--	--	--	--	--	--	--	--	--
NT-A4-D	1/29/2003		--	4.95	--	--	--	--	--	--	--	--	--
NT-A4-D	4/17/2003		--	5.12	0.01	--	--	--	--	--	--	--	--
NT-A4-D	7/31/2003		--	5.86	0.01	--	--	--	--	--	--	--	--
NT-A4-D	10/8/2003		--	5.85	0.01	--	--	--	--	--	--	--	--
NT-A4-D	2/18/2004		--	5.08	0.01	--	--	--	--	--	--	--	--
NT-A4-D	5/27/2004		--	5.25	--	--	--	--	--	--	--	--	--
NT-A4-D	8/12/2004		--	5.64	0.01	--	--	--	--	--	--	--	--
NT-A4-D	11/4/2004		--	5.37	--	--	--	--	--	--	--	--	--
NT-A4-D	3/3/2005		--	5.61	--	--	--	--	--	--	--	--	--
NT-A4-D	5/27/2005		--	5.68	0.01	--	--	--	--	--	--	--	--
NT-A4-D	8/17/2005		--	6.12	0.01	--	--	--	--	--	--	--	--
NT-A4-D	10/27/2005		--	5.81	0.02	--	--	--	--	--	--	--	--
NT-A4-D	4/26/2006		--	5.42	0.02	--	--	--	--	--	--	--	--
NT-A4-D	8/29/2006		--	6.11	--	--	--	--	--	--	--	--	--
NT-A4-D	10/18/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A4-D	12/6/2006		--	6.16	--	--	--	--	--	--	--	--	--
NT-A4-D	3/27/2007		--	5.88	--	--	--	--	--	--	--	--	--
NT-A4-D	5/16/2007		--	5.68	--	--	--	--	--	--	--	--	--
NT-A4-D	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A4-D	12/12/2007		--	5.52	--	--	--	--	--	--	--	--	--
NT-A4-D	3/27/2008		--	5.69	--	--	--	--	--	--	--	--	--
NT-A4-D	5/29/2008		--	5.56	--	--	--	--	--	--	--	--	--
NT-A4-D	8/21/2008		--	5.83	--	--	--	--	--	--	--	--	--
NT-A4-D	2/12/2009		--	5.90	--	--	--	--	--	--	--	--	--
NT-A4-D	5/21/2009		--	6.60	--	--	--	--	--	--	--	--	--
NT-A4-D	8/6/2009		--	6.21	--	--	--	--	--	--	--	--	--
NT-A4-D	11/12/2009		--	6.31	0.01	--	--	--	--	--	--	--	--
NT-A4-D	11/20/2009		--	5.80	--	--	--	--	--	--	--	--	--
NT-A4-I	9/11/2002		--	5.85	--	--	--	--	--	--	--	--	--
NT-A4-I	10/15/2002		--	5.71	0.01	--	--	--	--	--	--	--	--
NT-A4-I	11/21/2002		--	5.68	--	--	--	--	--	--	--	--	--
NT-A4-I	1/29/2003		--	4.96	--	--	--	--	--	--	--	--	--
NT-A4-I	4/17/2003		--	5.11	0.01	--	--	--	--	--	--	--	--
NT-A4-I	7/31/2003		--	5.83	0.01	--	--	--	--	--	--	--	--
NT-A4-I	10/8/2003		--	5.84	0.01	--	--	--	--	--	--	--	--
NT-A4-I	2/18/2004		--	5.05	0.01	--	--	--	--	--	--	--	--
NT-A4-I	5/26/2004		--	5.22	--	--	--	--	--	--	--	--	--
NT-A4-I	8/12/2004		--	5.62	0.01	--	--	--	--	--	--	--	--
NT-A4-I	11/4/2004		--	5.30	--	--	--	--	--	--	--	--	--
NT-A4-I	3/3/2005		--	5.59	--	--	--	--	--	--	--	--	--
NT-A4-I	5/27/2005		--	5.65	0.01	--	--	--	--	--	--	--	--
NT-A4-I	8/17/2005		--	6.11	0.02	--	--	--	--	--	--	--	--
NT-A4-I	10/27/2005		--	5.80	0.02	--	--	--	--	--	--	--	--

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Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
NT-A4-I	4/26/2006		--	5.42	0.02	--	--	--	--	--	--	--	--
NT-A4-I	8/29/2006		--	6.15	--	--	--	--	--	--	--	--	--
NT-A4-I	10/18/2006		--	6.18	--	--	--	--	--	--	--	--	--
NT-A4-I	12/6/2006		--	6.18	--	--	--	--	--	--	--	--	--
NT-A4-I	3/27/2007		--	5.87	--	--	--	--	--	--	--	--	--
NT-A4-I	5/16/2007		--	5.69	--	--	--	--	--	--	--	--	--
NT-A4-I	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A4-I	12/12/2007		--	5.60	--	--	--	--	--	--	--	--	--
NT-A4-I	3/27/2008		--	5.70	--	--	--	--	--	--	--	--	--
NT-A4-I	5/29/2008		--	5.57	--	--	--	--	--	--	--	--	--
NT-A4-I	8/21/2008		--	5.84	--	--	--	--	--	--	--	--	--
NT-A4-I	2/12/2009		--	5.92	--	--	--	--	--	--	--	--	--
NT-A4-I	5/21/2009		--	6.60	--	--	--	--	--	--	--	--	--
NT-A4-I	8/6/2009		--	6.25	--	--	--	--	--	--	--	--	--
NT-A4-I	11/12/2009		--	6.31	0.01	--	--	--	--	--	--	--	--
NT-A4-I	11/20/2009		--	5.81	--	--	--	--	--	--	--	--	--
NT-A4-S	9/11/2002		--	6.82	--	--	--	--	--	--	--	--	--
NT-A4-S	10/15/2002		--	5.66	0.01	--	--	--	--	--	--	--	--
NT-A4-S	11/21/2002		--	5.63	--	--	--	--	--	--	--	--	--
NT-A4-S	1/29/2003		--	4.95	--	--	--	--	--	--	--	--	--
NT-A4-S	4/17/2003		--	5.15	0.01	--	--	--	--	--	--	--	--
NT-A4-S	7/31/2003		--	5.88	0.01	--	--	--	--	--	--	--	--
NT-A4-S	10/8/2003		--	5.89	0.01	--	--	--	--	--	--	--	--
NT-A4-S	2/18/2004		--	5.08	0.01	--	--	--	--	--	--	--	--
NT-A4-S	5/26/2004		--	5.27	--	--	--	--	--	--	--	--	--
NT-A4-S	8/12/2004		--	5.65	0.01	--	--	--	--	--	--	--	--
NT-A4-S	11/4/2004		--	5.19	--	--	--	--	--	--	--	--	--
NT-A4-S	3/3/2005		--	5.62	--	--	--	--	--	--	--	--	--
NT-A4-S	5/27/2005		--	5.71	0.01	--	--	--	--	--	--	--	--
NT-A4-S	8/17/2005		--	6.15	0.01	--	--	--	--	--	--	--	--
NT-A4-S	10/27/2005		--	5.82	0.02	--	--	--	--	--	--	--	--
NT-A4-S	4/26/2006		--	5.42	--	--	--	--	--	--	--	--	--
NT-A4-S	8/29/2006		--	6.30	0.02	--	--	--	--	--	--	--	--
NT-A4-S	10/18/2006		--	6.20	--	--	--	--	--	--	--	--	--
NT-A4-S	12/6/2006		--	6.12	--	--	--	--	--	--	--	--	--
NT-A4-S	3/27/2007		--	5.85	--	--	--	--	--	--	--	--	--
NT-A4-S	5/16/2007		--	5.67	--	--	--	--	--	--	--	--	--
NT-A4-S	9/20/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
NT-A4-S	12/12/2007		--	5.61	--	--	--	--	--	--	--	--	--
NT-A4-S	3/27/2008		--	5.67	--	--	--	--	--	--	--	--	--
NT-A4-S	5/29/2008		--	5.53	--	--	--	--	--	--	--	--	--
NT-A4-S	8/21/2008		--	5.82	--	--	--	--	--	--	--	--	--
NT-A4-S	2/12/2009		--	6.11	--	--	--	--	--	--	--	--	--
NT-A4-S	5/21/2009		--	6.60	--	--	--	--	--	--	--	--	--
NT-A4-S	8/6/2009		--	6.19	--	--	--	--	--	--	--	--	--
NT-A4-S	11/12/2009		--	6.28	0.03	--	--	--	--	--	--	--	--
NT-A4-S	11/20/2009		--	5.77	--	--	--	--	--	--	--	--	--
RW-1	9/11/2002		--	9.34	1.59	--	--	--	--	--	--	--	--
RW-1	11/18/2002		--	6.65	0.09	--	--	--	--	--	--	--	--
RW-1	1/27/2003		--	5.92	0.09	--	--	--	--	--	--	--	--
RW-1	4/15/2003		--	6.14	0.13	--	--	--	--	--	--	--	--
RW-1	7/29/2003		--	6.88	0.11	--	--	--	--	--	--	--	--
RW-1	10/6/2003		--	6.90	0.13	--	--	--	--	--	--	--	--
RW-1	2/16/2004		--	6.22	0.17	--	--	--	--	--	--	--	--
RW-1	5/24/2004		--	6.29	0.04	--	--	--	--	--	--	--	--
RW-1	8/9/2004		--	6.55	0.11	--	--	--	--	--	--	--	--
RW-1	11/1/2004		--	6.49	0.05	--	--	--	--	--	--	--	--
RW-1	2/28/2005		--	6.56	0.04	--	--	--	--	--	--	--	--
RW-1	5/24/2005		--	6.65	0.08	--	--	--	--	--	--	--	--
RW-1	8/15/2005		--	7.21	0.19	--	--	--	--	--	--	--	--
RW-1	10/24/2005		--	6.78	0.08	--	--	--	--	--	--	--	--
RW-1	4/24/2006		--	6.34	--	--	--	--	--	--	--	--	--
RW-1	8/28/2006		--	7.03	0.12	--	--	--	--	--	--	--	--
RW-1	10/16/2006		--	7.05	0.10	--	--	--	--	--	--	--	--
RW-1	12/4/2006	(Surveyed)	747.28	7.00	0.01	740.29	--	--	--	--	--	--	--
RW-1	3/26/2007		747.28	6.77	(Sheen)	740.51	--	--	--	--	--	--	--
RW-1	5/15/2007		747.28	6.51	0.01	740.78	--	--	--	--	--	--	--
RW-1	9/18/2007		747.28	7.02	0.04	740.29	--	--	--	--	--	--	--
RW-1	12/11/2007		747.28	6.21	--	741.07	--	--	--	--	--	--	--
RW-1	3/25/2008		747.28	6.52	--	740.76	--	--	--	--	--	--	--
RW-1	5/27/2008		747.28	6.49	(Sheen)	740.79	--	--	--	--	--	--	--
RW-1	8/19/2008		747.28	6.72	(Sheen)	740.56	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
RW-1	2/10/2009		747.28	6.75	(Sheen)	740.53	--	--	--	--	--	--	--
RW-1	5/19/2009		747.28	6.77	(Sheen)	740.51	--	--	--	--	--	--	--
RW-1	8/4/2009		747.28	7.11	(Sheen)	740.18	--	--	--	--	--	--	--
RW-1	11/10/2009		747.28	7.17	(Sheen)	740.13	--	--	--	--	--	--	--
RW-1	2/16/2010		749.43	5.86	--	743.57	--	--	--	--	--	--	--
RW-1	6/30/2010		749.43	6.17	--	743.26	--	--	--	--	--	--	--
RW-1	8/11/2010	(NM)	749.43	--	--	--	--	--	--	--	--	--	--
RW-1	2/15/2011		749.43	6.26	0.01	743.17	--	--	--	--	--	--	--
RW-1	10/3/2012		749.43	6.86	0.01	742.57	--	--	--	--	--	--	--
RW-1	4/7/2014		749.43	6.71	0.0	742.72	--	--	--	--	--	--	--
RW-1	11/19/2014	(NS)	749.43	6.60	0.0	742.83	--	--	--	--	--	--	--
RW-1	4/29/2015	(NS)	749.43	6.61	0.0	742.82	--	--	--	--	--	--	--
RW-1	8/3/2015	(NS)	749.43	7.23	0.0	742.20	--	--	--	--	--	--	--
RW-1	11/2/2015	(NS)	749.43	7.02	0.0	742.41	--	--	--	--	--	--	--
RW-1	2/8/2016	(NS)	749.43	6.01	0.0	743.42	--	--	--	--	--	--	--
ST-A1-D	9/12/2002		--	5.90	0.02	--	--	--	--	--	--	--	--
ST-A1-D	10/16/2002		--	5.76	0.01	--	--	--	--	--	--	--	--
ST-A1-D	11/20/2002		--	5.71	--	--	--	--	--	--	--	--	--
ST-A1-D	1/30/2003		--	5.06	--	--	--	--	--	--	--	--	--
ST-A1-D	4/18/2003		--	5.31	0.01	--	--	--	--	--	--	--	--
ST-A1-D	8/1/2003		--	5.93	--	--	--	--	--	--	--	--	--
ST-A1-D	10/9/2003		--	6.00	0.01	--	--	--	--	--	--	--	--
ST-A1-D	2/19/2004		--	5.21	0.01	--	--	--	--	--	--	--	--
ST-A1-D	5/27/2004		--	5.34	--	--	--	--	--	--	--	--	--
ST-A1-D	8/11/2004		--	5.65	--	--	--	--	--	--	--	--	--
ST-A1-D	11/3/2004		--	5.31	--	--	--	--	--	--	--	--	--
ST-A1-D	3/2/2005		--	5.65	--	--	--	--	--	--	--	--	--
ST-A1-D	5/26/2005		--	5.73	--	--	--	--	--	--	--	--	--
ST-A1-D	8/18/2005		--	6.20	--	--	--	--	--	--	--	--	--
ST-A1-D	10/26/2005		--	5.88	--	--	--	--	--	--	--	--	--
ST-A1-D	4/27/2006		--	5.62	--	--	--	--	--	--	--	--	--
ST-A1-D	8/29/2006		--	6.18	--	--	--	--	--	--	--	--	--
ST-A1-D	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-D	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-D	3/28/2007		--	5.95	--	--	--	--	--	--	--	--	--
ST-A1-D	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-D	9/20/2007		--	6.20	--	--	--	--	--	--	--	--	--
ST-A1-D	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-D	3/26/2008		--	5.72	--	--	--	--	--	--	--	--	--
ST-A1-D	5/28/2008		--	5.64	--	--	--	--	--	--	--	--	--
ST-A1-D	8/20/2008		--	5.93	--	--	--	--	--	--	--	--	--
ST-A1-D	2/11/2009		--	6.14	--	--	--	--	--	--	--	--	--
ST-A1-D	5/20/2009		--	5.96	--	--	--	--	--	--	--	--	--
ST-A1-D	8/5/2009		--	6.25	--	--	--	--	--	--	--	--	--
ST-A1-D	11/11/2009		--	6.02	--	--	--	--	--	--	--	--	--
ST-A1-D	11/19/2009		--	5.86	--	--	--	--	--	--	--	--	--
ST-A1-I	9/12/2002		--	5.97	--	--	--	--	--	--	--	--	--
ST-A1-I	10/16/2002		--	5.87	0.01	--	--	--	--	--	--	--	--
ST-A1-I	11/20/2002		--	5.78	--	--	--	--	--	--	--	--	--
ST-A1-I	1/30/2003		--	5.12	--	--	--	--	--	--	--	--	--
ST-A1-I	4/18/2003		--	5.38	0.01	--	--	--	--	--	--	--	--
ST-A1-I	8/1/2003		--	6.01	--	--	--	--	--	--	--	--	--
ST-A1-I	10/9/2003		--	6.08	0.01	--	--	--	--	--	--	--	--
ST-A1-I	2/19/2004		--	5.26	0.01	--	--	--	--	--	--	--	--
ST-A1-I	5/27/2004		--	5.45	--	--	--	--	--	--	--	--	--
ST-A1-I	8/11/2004		--	5.72	--	--	--	--	--	--	--	--	--
ST-A1-I	11/3/2004		--	5.28	--	--	--	--	--	--	--	--	--
ST-A1-I	3/2/2005		--	5.71	--	--	--	--	--	--	--	--	--
ST-A1-I	5/26/2005		--	5.81	--	--	--	--	--	--	--	--	--
ST-A1-I	8/18/2005		--	6.29	--	--	--	--	--	--	--	--	--
ST-A1-I	10/26/2005		--	5.96	0.01	--	--	--	--	--	--	--	--
ST-A1-I	4/27/2006		--	5.70	--	--	--	--	--	--	--	--	--
ST-A1-I	8/29/2006		--	6.28	--	--	--	--	--	--	--	--	--
ST-A1-I	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-I	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-I	3/28/2007		--	6.05	--	--	--	--	--	--	--	--	--
ST-A1-I	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-I	9/20/2007		--	6.29	--	--	--	--	--	--	--	--	--
ST-A1-I	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-I	3/26/2008		--	5.79	--	--	--	--	--	--	--	--	--
ST-A1-I	5/28/2008		--	5.71	--	--	--	--	--	--	--	--	--
ST-A1-I	8/20/2008		--	6.01	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
ST-A1-I	2/11/2009		--	6.03	--	--	--	--	--	--	--	--	--
ST-A1-I	5/20/2009		--	6.02	--	--	--	--	--	--	--	--	--
ST-A1-I	8/5/2009		--	6.33	--	--	--	--	--	--	--	--	--
ST-A1-I	11/11/2009		--	6.11	--	--	--	--	--	--	--	--	--
ST-A1-I	11/19/2009		--	5.96	--	--	--	--	--	--	--	--	--
ST-A1-S	9/12/2002		--	5.90	--	--	--	--	--	--	--	--	--
ST-A1-S	10/16/2002		--	5.80	0.01	--	--	--	--	--	--	--	--
ST-A1-S	11/20/2002		--	5.71	--	--	--	--	--	--	--	--	--
ST-A1-S	1/30/2003		--	5.07	--	--	--	--	--	--	--	--	--
ST-A1-S	4/18/2003		--	5.31	0.01	--	--	--	--	--	--	--	--
ST-A1-S	8/1/2003		--	5.94	--	--	--	--	--	--	--	--	--
ST-A1-S	10/9/2003		--	5.98	0.01	--	--	--	--	--	--	--	--
ST-A1-S	2/19/2004		--	5.21	0.01	--	--	--	--	--	--	--	--
ST-A1-S	5/27/2004		--	5.38	--	--	--	--	--	--	--	--	--
ST-A1-S	8/11/2004		--	5.65	--	--	--	--	--	--	--	--	--
ST-A1-S	11/4/2004		--	5.24	--	--	--	--	--	--	--	--	--
ST-A1-S	3/2/2005		--	5.64	0.01	--	--	--	--	--	--	--	--
ST-A1-S	5/26/2005		--	5.74	--	--	--	--	--	--	--	--	--
ST-A1-S	8/18/2005		--	6.18	--	--	--	--	--	--	--	--	--
ST-A1-S	10/26/2005		--	5.89	0.01	--	--	--	--	--	--	--	--
ST-A1-S	4/27/2006		--	5.68	--	--	--	--	--	--	--	--	--
ST-A1-S	8/29/2006		--	6.31	--	--	--	--	--	--	--	--	--
ST-A1-S	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-S	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-S	3/28/2007		--	5.97	--	--	--	--	--	--	--	--	--
ST-A1-S	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-S	9/20/2007		--	6.18	--	--	--	--	--	--	--	--	--
ST-A1-S	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A1-S	3/26/2008		--	5.71	--	--	--	--	--	--	--	--	--
ST-A1-S	5/28/2008		--	5.65	--	--	--	--	--	--	--	--	--
ST-A1-S	8/20/2008		--	5.93	--	--	--	--	--	--	--	--	--
ST-A1-S	2/11/2009		--	5.93	--	--	--	--	--	--	--	--	--
ST-A1-S	5/20/2009		--	5.92	--	--	--	--	--	--	--	--	--
ST-A1-S	8/5/2009		--	6.24	--	--	--	--	--	--	--	--	--
ST-A1-S	11/11/2009		--	6.08	--	--	--	--	--	--	--	--	--
ST-A1-S	11/19/2009		--	5.88	--	--	--	--	--	--	--	--	--
ST-A2-D	9/12/2002		--	5.60	--	--	--	--	--	--	--	--	--
ST-A2-D	10/16/2002		--	5.52	0.01	--	--	--	--	--	--	--	--
ST-A2-D	11/20/2002		--	5.43	--	--	--	--	--	--	--	--	--
ST-A2-D	1/30/2003		--	4.78	-0.01	--	--	--	--	--	--	--	--
ST-A2-D	4/18/2003		--	5.02	0.01	--	--	--	--	--	--	--	--
ST-A2-D	8/1/2003		--	5.67	--	--	--	--	--	--	--	--	--
ST-A2-D	10/9/2003		--	5.71	0.01	--	--	--	--	--	--	--	--
ST-A2-D	2/19/2004		--	4.91	0.01	--	--	--	--	--	--	--	--
ST-A2-D	5/27/2004		--	5.10	--	--	--	--	--	--	--	--	--
ST-A2-D	8/11/2004		--	5.37	--	--	--	--	--	--	--	--	--
ST-A2-D	11/3/2004		--	5.38	--	--	--	--	--	--	--	--	--
ST-A2-D	3/2/2005		--	5.36	--	--	--	--	--	--	--	--	--
ST-A2-D	5/26/2005		--	5.49	0.01	--	--	--	--	--	--	--	--
ST-A2-D	8/18/2005		--	5.91	--	--	--	--	--	--	--	--	--
ST-A2-D	10/26/2005		--	5.59	--	--	--	--	--	--	--	--	--
ST-A2-D	4/27/2006		--	5.36	--	--	--	--	--	--	--	--	--
ST-A2-D	8/29/2006		--	5.90	--	--	--	--	--	--	--	--	--
ST-A2-D	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-D	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-D	3/28/2007		--	5.71	--	--	--	--	--	--	--	--	--
ST-A2-D	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-D	9/20/2007		--	5.97	--	--	--	--	--	--	--	--	--
ST-A2-D	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-D	3/26/2008		--	5.70	--	--	--	--	--	--	--	--	--
ST-A2-D	5/28/2008		--	5.37	--	--	--	--	--	--	--	--	--
ST-A2-D	8/20/2008		--	5.65	--	--	--	--	--	--	--	--	--
ST-A2-D	2/11/2009		--	5.67	--	--	--	--	--	--	--	--	--
ST-A2-D	5/20/2009		--	5.66	--	--	--	--	--	--	--	--	--
ST-A2-D	8/5/2009		--	5.99	--	--	--	--	--	--	--	--	--
ST-A2-D	11/11/2009		--	5.79	--	--	--	--	--	--	--	--	--
ST-A2-D	11/19/2009		--	5.64	--	--	--	--	--	--	--	--	--
ST-A2-I	9/12/2002		--	5.63	0.01	--	--	--	--	--	--	--	--
ST-A2-I	10/16/2002		--	5.54	0.01	--	--	--	--	--	--	--	--
ST-A2-I	11/20/2002		--	5.45	--	--	--	--	--	--	--	--	--
ST-A2-I	1/30/2003		--	4.81	--	--	--	--	--	--	--	--	--

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Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
ST-A2-I	4/18/2003		--	5.05	0.01	--	--	--	--	--	--	--	--
ST-A2-I	8/1/2003		--	5.71	--	--	--	--	--	--	--	--	--
ST-A2-I	10/9/2003		--	5.58	0.01	--	--	--	--	--	--	--	--
ST-A2-I	2/19/2004		--	4.78	0.01	--	--	--	--	--	--	--	--
ST-A2-I	5/27/2004		--	4.98	--	--	--	--	--	--	--	--	--
ST-A2-I	8/11/2004		--	5.23	--	--	--	--	--	--	--	--	--
ST-A2-I	11/3/2004		--	5.34	--	--	--	--	--	--	--	--	--
ST-A2-I	3/2/2005		--	5.24	--	--	--	--	--	--	--	--	--
ST-A2-I	5/26/2005		--	5.35	--	--	--	--	--	--	--	--	--
ST-A2-I	8/18/2005		--	5.77	--	--	--	--	--	--	--	--	--
ST-A2-I	10/26/2005		--	5.45	--	--	--	--	--	--	--	--	--
ST-A2-I	4/27/2006		--	5.23	--	--	--	--	--	--	--	--	--
ST-A2-I	8/29/2006		--	5.87	--	--	--	--	--	--	--	--	--
ST-A2-I	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-I	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-I	3/28/2007		--	5.76	--	--	--	--	--	--	--	--	--
ST-A2-I	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-I	9/20/2007		--	6.00	--	--	--	--	--	--	--	--	--
ST-A2-I	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-I	3/26/2008		--	5.51	--	--	--	--	--	--	--	--	--
ST-A2-I	5/28/2008		--	5.41	--	--	--	--	--	--	--	--	--
ST-A2-I	8/20/2008		--	5.68	--	--	--	--	--	--	--	--	--
ST-A2-I	2/12/2009		--	5.75	--	--	--	--	--	--	--	--	--
ST-A2-I	5/20/2009		--	5.72	--	--	--	--	--	--	--	--	--
ST-A2-I	8/5/2009		--	6.04	--	--	--	--	--	--	--	--	--
ST-A2-I	11/11/2009		--	5.80	--	--	--	--	--	--	--	--	--
ST-A2-I	11/19/2009		--	5.66	--	--	--	--	--	--	--	--	--
ST-A2-S	9/12/2002		--	5.46	0.01	--	--	--	--	--	--	--	--
ST-A2-S	10/16/2002		--	5.37	0.01	--	--	--	--	--	--	--	--
ST-A2-S	11/20/2002		--	5.29	--	--	--	--	--	--	--	--	--
ST-A2-S	1/30/2003		--	4.64	--	--	--	--	--	--	--	--	--
ST-A2-S	4/18/2003		--	4.88	0.01	--	--	--	--	--	--	--	--
ST-A2-S	8/1/2003		--	5.54	--	--	--	--	--	--	--	--	--
ST-A2-S	10/9/2003		--	5.75	0.01	--	--	--	--	--	--	--	--
ST-A2-S	2/19/2004		--	4.94	0.01	--	--	--	--	--	--	--	--
ST-A2-S	5/27/2004		--	5.12	--	--	--	--	--	--	--	--	--
ST-A2-S	8/11/2004		--	5.40	--	--	--	--	--	--	--	--	--
ST-A2-S	11/3/2004		--	5.46	--	--	--	--	--	--	--	--	--
ST-A2-S	3/2/2005		--	5.40	--	--	--	--	--	--	--	--	--
ST-A2-S	5/26/2005		--	5.53	--	--	--	--	--	--	--	--	--
ST-A2-S	8/18/2005		--	4.94	--	--	--	--	--	--	--	--	--
ST-A2-S	10/26/2005		--	5.62	--	--	--	--	--	--	--	--	--
ST-A2-S	4/27/2006		--	5.40	--	--	--	--	--	--	--	--	--
ST-A2-S	8/29/2006		--	5.97	--	--	--	--	--	--	--	--	--
ST-A2-S	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-S	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-S	3/28/2007		--	5.62	--	--	--	--	--	--	--	--	--
ST-A2-S	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-S	9/20/2007		--	5.80	--	--	--	--	--	--	--	--	--
ST-A2-S	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A2-S	3/26/2008		--	5.35	--	--	--	--	--	--	--	--	--
ST-A2-S	5/28/2008		--	5.23	--	--	--	--	--	--	--	--	--
ST-A2-S	8/20/2008		--	5.52	--	--	--	--	--	--	--	--	--
ST-A2-S	2/11/2009		--	5.57	--	--	--	--	--	--	--	--	--
ST-A2-S	5/20/2009		--	5.55	--	--	--	--	--	--	--	--	--
ST-A2-S	8/5/2009		--	5.87	--	--	--	--	--	--	--	--	--
ST-A2-S	11/11/2009		--	5.67	--	--	--	--	--	--	--	--	--
ST-A2-S	11/19/2009		--	5.50	--	--	--	--	--	--	--	--	--
ST-A3-D	9/12/2002		--	5.59	--	--	--	--	--	--	--	--	--
ST-A3-D	10/16/2002		--	5.51	0.01	--	--	--	--	--	--	--	--
ST-A3-D	11/20/2002		--	5.42	--	--	--	--	--	--	--	--	--
ST-A3-D	1/30/2003		--	4.78	--	--	--	--	--	--	--	--	--
ST-A3-D	4/18/2003		--	5.03	0.01	--	--	--	--	--	--	--	--
ST-A3-D	8/1/2003		--	5.67	--	--	--	--	--	--	--	--	--
ST-A3-D	10/9/2003		--	5.71	0.01	--	--	--	--	--	--	--	--
ST-A3-D	2/19/2004		--	4.91	0.01	--	--	--	--	--	--	--	--
ST-A3-D	5/27/2004		--	5.09	--	--	--	--	--	--	--	--	--
ST-A3-D	8/11/2004		--	5.38	--	--	--	--	--	--	--	--	--
ST-A3-D	11/3/2004		--	5.56	--	--	--	--	--	--	--	--	--
ST-A3-D	3/2/2005		--	5.38	--	--	--	--	--	--	--	--	--
ST-A3-D	5/26/2005		--	5.51	--	--	--	--	--	--	--	--	--
ST-A3-D	8/18/2005		--	5.92	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
ST-A3-D	10/26/2005		--	5.59	--	--	--	--	--	--	--	--	--
ST-A3-D	4/27/2006		--	5.40	--	--	--	--	--	--	--	--	--
ST-A3-D	8/29/2006		--	5.93	--	--	--	--	--	--	--	--	--
ST-A3-D	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-D	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-D	3/28/2007		--	5.74	--	--	--	--	--	--	--	--	--
ST-A3-D	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-D	9/20/2007		--	5.99	--	--	--	--	--	--	--	--	--
ST-A3-D	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-D	3/26/2008		--	5.50	--	--	--	--	--	--	--	--	--
ST-A3-D	5/28/2008		--	5.26	--	--	--	--	--	--	--	--	--
ST-A3-D	8/20/2008		--	5.65	--	--	--	--	--	--	--	--	--
ST-A3-D	2/11/2009		--	5.70	--	--	--	--	--	--	--	--	--
ST-A3-D	5/20/2009		--	5.68	--	--	--	--	--	--	--	--	--
ST-A3-D	8/5/2009		--	6.02	--	--	--	--	--	--	--	--	--
ST-A3-D	11/11/2009		--	5.81	--	--	--	--	--	--	--	--	--
ST-A3-D	11/19/2009		--	5.66	--	--	--	--	--	--	--	--	--
ST-A3-I	9/12/2002		--	5.43	--	--	--	--	--	--	--	--	--
ST-A3-I	10/16/2002		--	5.34	0.01	--	--	--	--	--	--	--	--
ST-A3-I	11/20/2002		--	5.25	--	--	--	--	--	--	--	--	--
ST-A3-I	1/30/2003		--	4.60	--	--	--	--	--	--	--	--	--
ST-A3-I	4/18/2003		--	4.83	--	--	--	--	--	--	--	--	--
ST-A3-I	8/1/2003		--	5.50	--	--	--	--	--	--	--	--	--
ST-A3-I	10/9/2003		--	5.54	0.01	--	--	--	--	--	--	--	--
ST-A3-I	2/19/2004		--	4.73	0.01	--	--	--	--	--	--	--	--
ST-A3-I	5/27/2004		--	4.92	--	--	--	--	--	--	--	--	--
ST-A3-I	8/11/2004		--	5.19	--	--	--	--	--	--	--	--	--
ST-A3-I	11/3/2004		--	5.53	--	--	--	--	--	--	--	--	--
ST-A3-I	3/2/2005		--	5.19	--	--	--	--	--	--	--	--	--
ST-A3-I	5/26/2005		--	5.31	--	--	--	--	--	--	--	--	--
ST-A3-I	8/18/2005		--	5.75	--	--	--	--	--	--	--	--	--
ST-A3-I	10/26/2005		--	5.41	--	--	--	--	--	--	--	--	--
ST-A3-I	4/27/2006		--	5.17	--	--	--	--	--	--	--	--	--
ST-A3-I	8/29/2006		--	5.75	--	--	--	--	--	--	--	--	--
ST-A3-I	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-I	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-I	3/28/2007		--	5.56	--	--	--	--	--	--	--	--	--
ST-A3-I	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-I	9/20/2007		--	5.67	--	--	--	--	--	--	--	--	--
ST-A3-I	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-I	3/26/2008		--	5.31	--	--	--	--	--	--	--	--	--
ST-A3-I	5/28/2008		--	5.18	--	--	--	--	--	--	--	--	--
ST-A3-I	8/20/2008		--	5.47	--	--	--	--	--	--	--	--	--
ST-A3-I	2/11/2009		--	5.50	--	--	--	--	--	--	--	--	--
ST-A3-I	5/20/2009		--	5.51	--	--	--	--	--	--	--	--	--
ST-A3-I	8/5/2009		--	5.83	--	--	--	--	--	--	--	--	--
ST-A3-I	11/11/2009		--	5.63	--	--	--	--	--	--	--	--	--
ST-A3-I	11/19/2009		--	5.48	--	--	--	--	--	--	--	--	--
ST-A3-S	9/12/2002		--	5.30	--	--	--	--	--	--	--	--	--
ST-A3-S	10/16/2002		--	5.20	0.01	--	--	--	--	--	--	--	--
ST-A3-S	11/20/2002		--	5.11	--	--	--	--	--	--	--	--	--
ST-A3-S	1/30/2003		--	4.46	--	--	--	--	--	--	--	--	--
ST-A3-S	4/18/2003		--	4.70	0.01	--	--	--	--	--	--	--	--
ST-A3-S	8/1/2003		--	5.34	--	--	--	--	--	--	--	--	--
ST-A3-S	10/9/2003		--	5.41	0.02	--	--	--	--	--	--	--	--
ST-A3-S	2/19/2004		--	4.59	0.01	--	--	--	--	--	--	--	--
ST-A3-S	5/27/2004		--	4.80	--	--	--	--	--	--	--	--	--
ST-A3-S	8/11/2004		--	5.06	--	--	--	--	--	--	--	--	--
ST-A3-S	11/3/2004		--	5.52	--	--	--	--	--	--	--	--	--
ST-A3-S	3/2/2005		--	5.05	--	--	--	--	--	--	--	--	--
ST-A3-S	5/26/2005		--	5.16	--	--	--	--	--	--	--	--	--
ST-A3-S	8/18/2005		--	5.61	--	--	--	--	--	--	--	--	--
ST-A3-S	10/26/2005		--	5.28	--	--	--	--	--	--	--	--	--
ST-A3-S	4/27/2006		--	5.03	--	--	--	--	--	--	--	--	--
ST-A3-S	8/29/2006		--	5.59	--	--	--	--	--	--	--	--	--
ST-A3-S	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-S	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-S	3/28/2007		--	5.40	--	--	--	--	--	--	--	--	--
ST-A3-S	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-S	9/20/2007		--	5.63	--	--	--	--	--	--	--	--	--
ST-A3-S	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A3-S	3/26/2008		--	5.39	--	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
ST-A3-S	5/28/2008		--	5.06	--	--	--	--	--	--	--	--	--
ST-A3-S	8/20/2008		--	5.34	--	--	--	--	--	--	--	--	--
ST-A3-S	2/11/2009		--	5.36	--	--	--	--	--	--	--	--	--
ST-A3-S	5/20/2009		--	5.34	--	--	--	--	--	--	--	--	--
ST-A3-S	8/5/2009		--	5.69	--	--	--	--	--	--	--	--	--
ST-A3-S	11/11/2009		--	5.46	--	--	--	--	--	--	--	--	--
ST-A3-S	11/19/2009		--	5.30	--	--	--	--	--	--	--	--	--
ST-A4-D	9/12/2002		--	5.61	--	--	--	--	--	--	--	--	--
ST-A4-D	10/16/2002		--	5.57	0.01	--	--	--	--	--	--	--	--
ST-A4-D	11/20/2002		--	5.49	--	--	--	--	--	--	--	--	--
ST-A4-D	1/30/2003		--	5.01	--	--	--	--	--	--	--	--	--
ST-A4-D	4/18/2003		--	5.08	0.01	--	--	--	--	--	--	--	--
ST-A4-D	8/1/2003		--	5.70	--	--	--	--	--	--	--	--	--
ST-A4-D	10/9/2003		--	5.77	0.01	--	--	--	--	--	--	--	--
ST-A4-D	2/19/2004		--	4.97	0.01	--	--	--	--	--	--	--	--
ST-A4-D	5/27/2004		--	5.19	--	--	--	--	--	--	--	--	--
ST-A4-D	8/11/2004		--	5.43	--	--	--	--	--	--	--	--	--
ST-A4-D	11/3/2004		--	5.54	0.01	--	--	--	--	--	--	--	--
ST-A4-D	3/2/2005		--	5.41	--	--	--	--	--	--	--	--	--
ST-A4-D	5/26/2005		--	5.51	--	--	--	--	--	--	--	--	--
ST-A4-D	8/18/2005		--	5.97	--	--	--	--	--	--	--	--	--
ST-A4-D	10/26/2005		--	5.64	--	--	--	--	--	--	--	--	--
ST-A4-D	4/27/2006		--	5.39	--	--	--	--	--	--	--	--	--
ST-A4-D	8/29/2006		--	5.94	--	--	--	--	--	--	--	--	--
ST-A4-D	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-D	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-D	3/28/2007		--	5.75	--	--	--	--	--	--	--	--	--
ST-A4-D	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-D	9/20/2007		--	6.00	--	--	--	--	--	--	--	--	--
ST-A4-D	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-D	3/26/2008		--	5.50	--	--	--	--	--	--	--	--	--
ST-A4-D	5/28/2008		--	5.43	--	--	--	--	--	--	--	--	--
ST-A4-D	8/20/2008		--	5.72	--	--	--	--	--	--	--	--	--
ST-A4-D	2/11/2009		--	5.75	--	--	--	--	--	--	--	--	--
ST-A4-D	5/20/2009		--	5.71	--	--	--	--	--	--	--	--	--
ST-A4-D	8/5/2009		--	6.04	--	--	--	--	--	--	--	--	--
ST-A4-D	11/11/2009		--	5.81	--	--	--	--	--	--	--	--	--
ST-A4-D	11/19/2009		--	5.67	--	--	--	--	--	--	--	--	--
ST-A4-I	9/12/2002		--	5.61	--	--	--	--	--	--	--	--	--
ST-A4-I	10/16/2002		--	5.40	0.01	--	--	--	--	--	--	--	--
ST-A4-I	11/20/2002		--	5.43	--	--	--	--	--	--	--	--	--
ST-A4-I	1/30/2003		--	4.94	--	--	--	--	--	--	--	--	--
ST-A4-I	4/18/2003		--	5.01	--	--	--	--	--	--	--	--	--
ST-A4-I	8/1/2003		--	5.67	--	--	--	--	--	--	--	--	--
ST-A4-I	10/9/2003		--	5.72	0.01	--	--	--	--	--	--	--	--
ST-A4-I	2/19/2004		--	4.88	0.01	--	--	--	--	--	--	--	--
ST-A4-I	5/27/2004		--	5.11	--	--	--	--	--	--	--	--	--
ST-A4-I	8/11/2004		--	5.38	--	--	--	--	--	--	--	--	--
ST-A4-I	11/3/2004		--	5.52	--	--	--	--	--	--	--	--	--
ST-A4-I	3/2/2005		--	5.36	--	--	--	--	--	--	--	--	--
ST-A4-I	5/26/2005		--	5.50	--	--	--	--	--	--	--	--	--
ST-A4-I	8/18/2005		--	5.92	--	--	--	--	--	--	--	--	--
ST-A4-I	10/26/2005		--	5.59	--	--	--	--	--	--	--	--	--
ST-A4-I	4/27/2006		--	5.36	--	--	--	--	--	--	--	--	--
ST-A4-I	8/29/2006		--	5.95	--	--	--	--	--	--	--	--	--
ST-A4-I	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-I	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-I	3/28/2007		--	5.75	--	--	--	--	--	--	--	--	--
ST-A4-I	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-I	9/20/2007		--	5.98	--	--	--	--	--	--	--	--	--
ST-A4-I	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-I	3/26/2008		--	5.48	--	--	--	--	--	--	--	--	--
ST-A4-I	5/28/2008		--	5.35	--	--	--	--	--	--	--	--	--
ST-A4-I	8/20/2008		--	5.66	--	--	--	--	--	--	--	--	--
ST-A4-I	2/11/2009		--	5.72	--	--	--	--	--	--	--	--	--
ST-A4-I	5/20/2009		--	5.69	--	--	--	--	--	--	--	--	--
ST-A4-I	8/5/2009		--	6.05	--	--	--	--	--	--	--	--	--
ST-A4-I	11/11/2009		--	5.80	--	--	--	--	--	--	--	--	--
ST-A4-I	11/19/2009		--	5.65	--	--	--	--	--	--	--	--	--
ST-A4-S	9/12/2002		--	5.50	--	--	--	--	--	--	--	--	--
ST-A4-S	10/16/2002		--	5.52	0.01	--	--	--	--	--	--	--	--

**Table 1
Groundwater Gauging Data and Select Analytical Results
Manhole 34 Facility**

Vicinity N. 6th St & Yakima Valley Hwy, Sunnyside, WA 98944

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,000
ST-A4-S	11/20/2002		--	5.31	--	--	--	--	--	--	--	--	--
ST-A4-S	1/30/2003		--	4.62	--	--	--	--	--	--	--	--	--
ST-A4-S	4/18/2003		--	4.88	0.01	--	--	--	--	--	--	--	--
ST-A4-S	8/1/2003		--	5.56	--	--	--	--	--	--	--	--	--
ST-A4-S	10/9/2003		--	5.62	0.01	--	--	--	--	--	--	--	--
ST-A4-S	2/19/2004		--	4.79	0.01	--	--	--	--	--	--	--	--
ST-A4-S	5/27/2004		--	5.01	--	--	--	--	--	--	--	--	--
ST-A4-S	8/11/2004		--	5.26	--	--	--	--	--	--	--	--	--
ST-A4-S	11/3/2004		--	5.56	0.01	--	--	--	--	--	--	--	--
ST-A4-S	3/2/2005		--	5.25	--	--	--	--	--	--	--	--	--
ST-A4-S	5/26/2005		--	5.36	--	--	--	--	--	--	--	--	--
ST-A4-S	8/18/2005		--	5.82	--	--	--	--	--	--	--	--	--
ST-A4-S	10/26/2005		--	5.48	--	--	--	--	--	--	--	--	--
ST-A4-S	4/27/2006		--	5.22	--	--	--	--	--	--	--	--	--
ST-A4-S	8/29/2006		--	5.90	--	--	--	--	--	--	--	--	--
ST-A4-S	10/18/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-S	12/6/2006	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-S	3/28/2007		--	5.58	--	--	--	--	--	--	--	--	--
ST-A4-S	5/16/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-S	9/20/2007		--	5.80	--	--	--	--	--	--	--	--	--
ST-A4-S	12/12/2007	(Not Measured)	--	--	--	--	--	--	--	--	--	--	--
ST-A4-S	3/26/2008		--	5.34	--	--	--	--	--	--	--	--	--
ST-A4-S	5/28/2008		--	5.24	--	--	--	--	--	--	--	--	--
ST-A4-S	8/20/2008		--	5.55	--	--	--	--	--	--	--	--	--
ST-A4-S	2/11/2009		--	5.57	--	--	--	--	--	--	--	--	--
ST-A4-S	5/20/2009		--	5.54	--	--	--	--	--	--	--	--	--
ST-A4-S	8/5/2009		--	5.90	--	--	--	--	--	--	--	--	--
ST-A4-S	11/11/2009		--	5.66	--	--	--	--	--	--	--	--	--
ST-A4-S	11/19/2009		--	5.50	--	--	--	--	--	--	--	--	--

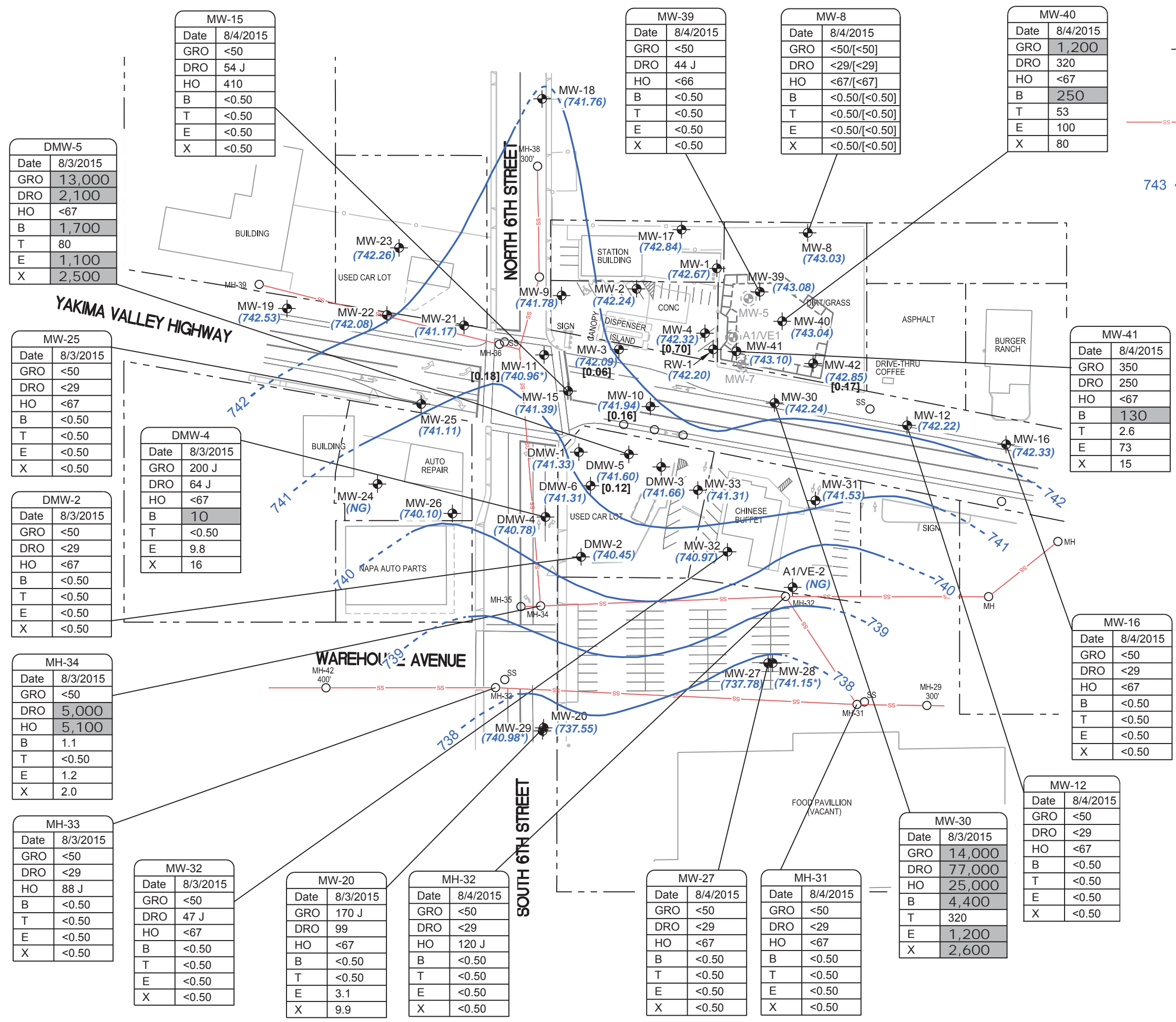
TOC = Top of casing in feet North American Vertical Datum of 1988 (NAVD 88)
DTW = Depth to water in feet below TOC
NAPL = Non-aqueous phase liquid thickness in feet
GWE = Groundwater elevation in feet NAVD 88
GRO = Total petroleum hydrocarbons - gasoline range organics
DRO = Total petroleum hydrocarbons - diesel range organics
HO = Total petroleum hydrocarbons - heavy oil range organics
MTBE = Methyl tertiary butyl ether
EDB = Ethylene dibromide
EDC = 1,2-Dichloroethane
800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
-- = Not analyzed/not applicable
NM = Not measured
NS = Not sampled
LF/LFP = Low flow (purge) sample
ABD = Abandoned
< = Analytical result is less than reporting limit shown
^ = Instrument related QC exceeds the control limits
P = Purge sample
DUP = Duplicate sample
J = estimated value - The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)
NP = No purge sample
P2 = Sample received without chemical preservation, but preserved by the laboratory
Wells were resurveyed in 2010 and are referenced to vertical datum NAVD 88 and horizontal datum NAD 83/98
If NAPL is present, the GWE is corrected according to the following formula (TOC elevation - depth to water) + (0.8 x NAPL thickness)
Data collected prior to 2010 have been provided by previous consultants and are included as historical reference only
GRO, DRO, HO analyzed by Ecology Northwest Methods; Benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE, and EDB by 8260B; Lead by U.S. Environmental Protection

BOLD constituent detected above MTCA Cleanup Levels

FIGURES



CITY: (Read) DIV: (Group) (Read) DB: (Read) LD: (Opt) PIC: (Opt) PM: (Read) TM: (Opt) LVR: (Opt) (ON) OFF: (REF)
 G:\ENVCAD\Emeryville\ACT\G0909\BNAWA09\2015\SSRD\DWG\G0909BNAWA09\W05.dwg LAYOUT: 5_SAVED_8/26/2015 12:40 PM ACADVER: 19.1.5 (LMS TECH) PAGES: 5 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 8/26/2015 4:12 PM BY: REYES, ALEC
 XREFS: IMAGES: PROJECTNAME: X SITEBASE MH-34



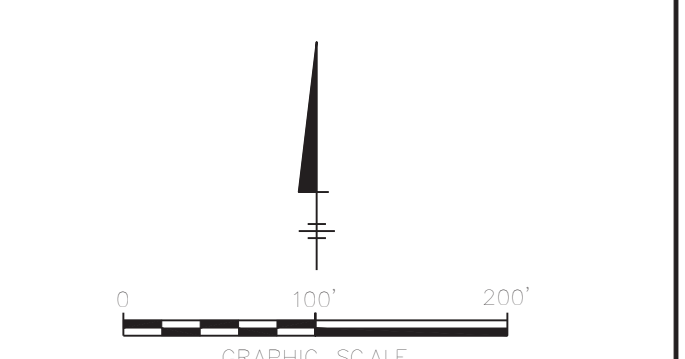
LEGEND:

- PROPERTY LINE
- MW-3 GROUNDWATER MONITORING WELL LOCATION
- MW-5 ABANDONED MONITORING WELL LOCATION
- MH O SANITARY SEWER MANHOLE
- PREVIOUSLY EXCAVATED AREA
- (743.08) GROUNDWATER SURFACE ELEVATION (NAVD 88)
- 743 GROUNDWATER SURFACE CONTOUR IN FEET ABOVE NAVD 88 (DASHED WHERE INFERRED)
- * DATA CONSIDERED ANOMALOUS (NOT USED IN CONTOURING)
- (NG) NOT GAUGED
- NAVD 88 NORTH AMERICAN VERTICAL DATUM 1988
- µg/L MICROGRAMS PER LITER
- [0.17] NON-AQUEOUS PHASE LIQUID THICKNESS (FEET)
- J ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE LIMIT OF QUANTITATION

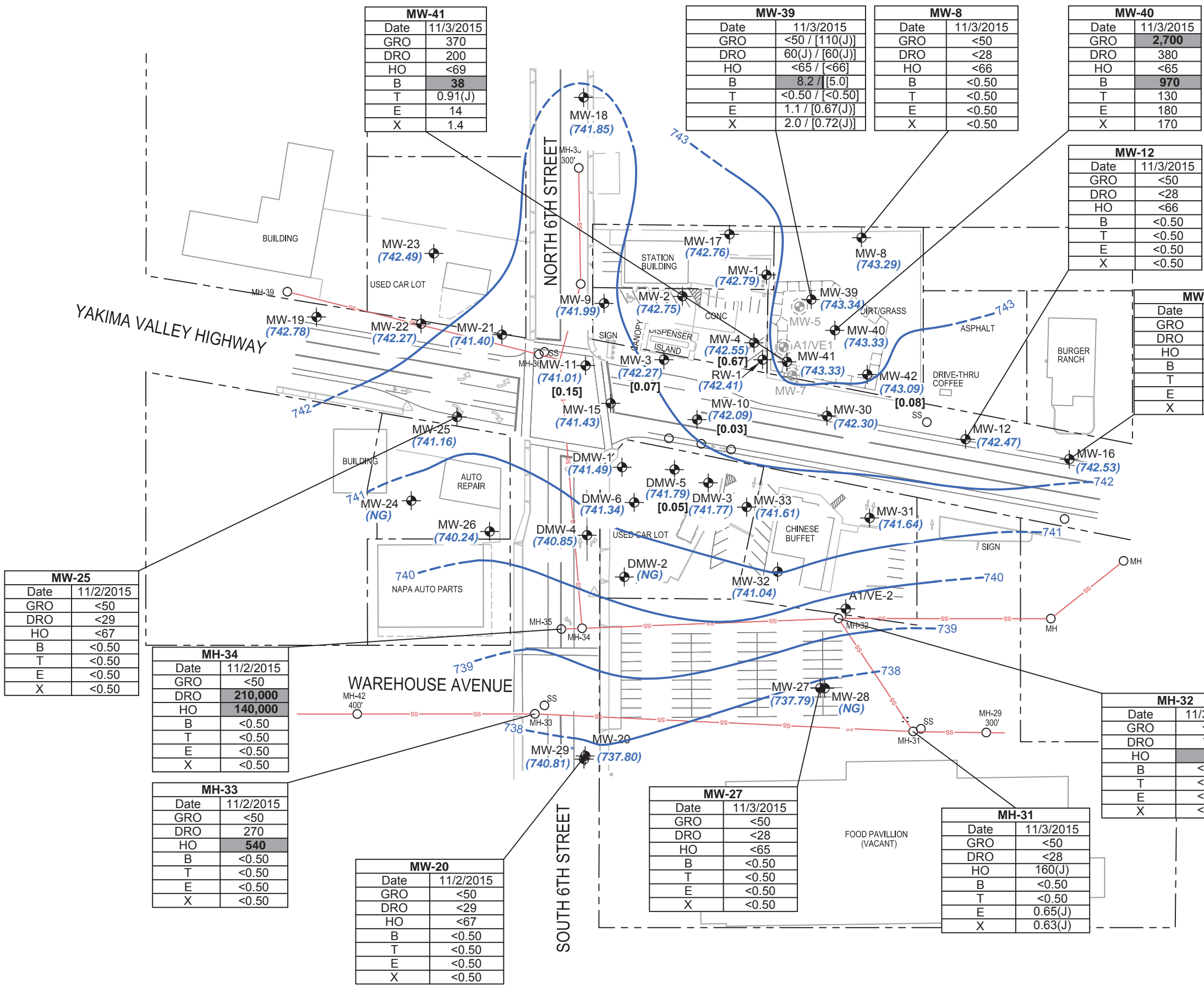
SAMPLE LOCATION	
Date	Date of Sample
GRO	Gasoline Range Organics (µg/L) / [Duplicate (µg/L)]
DRO	Diesel Range Organics (µg/L) / [Duplicate (µg/L)]
HO	Heavy Oil Range Organics (µg/L) / [Duplicate (µg/L)]
B	Benzene (µg/L) / [Duplicate (µg/L)]
T	Toluene (µg/L) / [Duplicate (µg/L)]
E	Ethylbenzene (µg/L) / [Duplicate (µg/L)]
X	Total xylenes (µg/L) / [Duplicate (µg/L)]

BOLD ANALYTE DETECTED ABOVE MODEL TOXIC CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS

GROUND WATER MONITORING WELLS WERE GAUGED ON AUGUST 3 AND SAMPLED AND GAUGED ON AUGUST 3 AND 4



MANHOLE 34
 VICINITY OF NORTH 6TH STREET AND YAKIMA VALLEY HIGHWAY
 SUNNYSIDE, WASHINGTON
2015 ANNUAL SITE STATUS REPORT
GROUNDWATER CONTOUR MAP WITH ANALYTICAL RESULTS
AUGUST 3-4, 2015



- LEGEND:**
- PROPERTY LINE
 - MW-3 GROUNDWATER MONITORING WELL LOCATION
 - MW-5 ABANDONED MONITORING WELL LOCATION
 - MH SANITARY SEWER MANHOLE
 - (742.76) GROUNDWATER ELEVATION (FEET ABOVE NAVD 88)
 - 743 --- GROUNDWATER SURFACE CONTOUR IN FEET ABOVE MEAN SEA LEVEL (MSL) (DASHED WHERE INFERRED)
 - (NAVD) NORTH AMERICAN VERTICAL DATUM 1988
 - * DATA CONSIDERED ANOMALOUS (NOT USED IN CONTOURING)
 - (NG) NOT GAUGED
 - µg/L MICROGRAMS PER LITER
 - [0.08] NON-AQUEOUS PHASE LIQUID THICKNESS (FEET)
 - < NOT DETECTED, VALUE SHOWN IS THE METHOD DETECTION LIMIT
 - J ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE LIMIT OF QUANTITATION

SAMPLE ID	
Date	Date Of Sample
GRO	Gasoline Range Organics (µg/L) / [Duplicate (µg/L)]
DRO	Diesel Range Organics / [Duplicate (µg/L)]
HO	Heavy Range Organics / [Duplicate (µg/L)]
B	Benzene (µg/L) / [Duplicate (µg/L)]
T	Toluene (µg/L) / [Duplicate (µg/L)]
E	Ethylbenzene (µg/L) / [Duplicate (µg/L)]
X	Total Xylenes (µg/L) / [Duplicate (µg/L)]

BOLD ANALYTE DETECTED ABOVE MODEL TOXIC CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS

GRAPHIC SCALE

MANHOLE 34
VICINITY OF NORTH 6TH STREET AND YAKIMA VALLEY HIGHWAY
SUNNYSIDE, WASHINGTON
2015 ANNUAL SITE STATUS REPORT

**GROUNDWATER CONTOUR MAP
WITH ANALYTICAL RESULTS
NOVEMBER 2-3, 2015**

NOTE : GROUNDWATER MONITORING WELLS WERE GAUGED ON NOVEMBER 2 AND SAMPLED AND GAUGED ON NOVEMBER 2 AND 3

MW-25	
Date	11/2/2015
GRO	<50
DRO	<29
HO	<67
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MH-34	
Date	11/2/2015
GRO	<50
DRO	210,000
HO	140,000
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MH-33	
Date	11/2/2015
GRO	<50
DRO	270
HO	540
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MW-20	
Date	11/2/2015
GRO	<50
DRO	<29
HO	<67
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MW-27	
Date	11/3/2015
GRO	<50
DRO	<28
HO	<65
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MH-31	
Date	11/3/2015
GRO	<50
DRO	<28
HO	160(J)
B	<0.50
T	<0.50
E	0.65(J)
X	0.63(J)

MH-32	
Date	11/3/2015
GRO	<50
DRO	110
HO	720
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MW-41	
Date	11/3/2015
GRO	370
DRO	200
HO	<69
B	38
T	0.91(J)
E	14
X	1.4

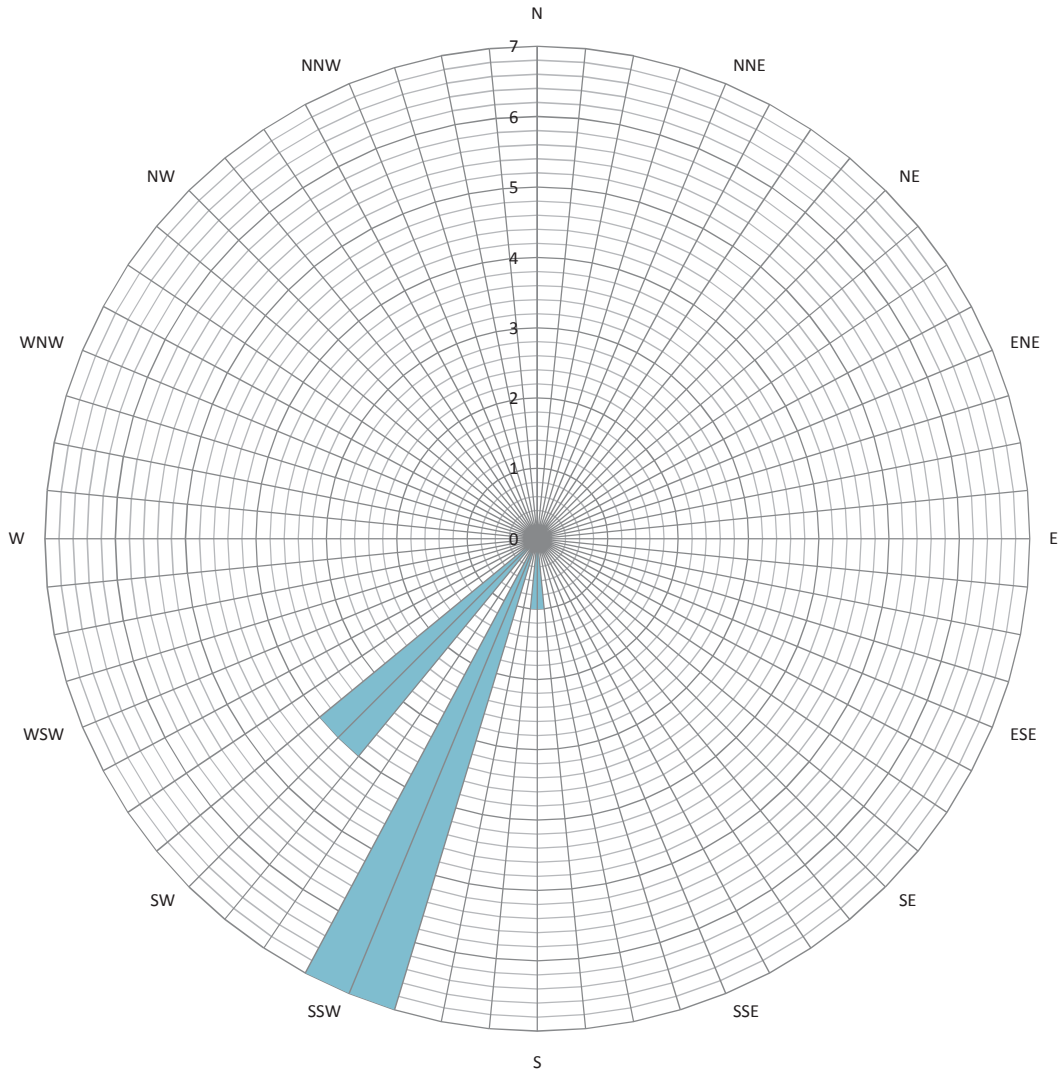
MW-39	
Date	11/3/2015
GRO	<50 / [110(J)]
DRO	60(J) / [60(J)]
HO	<65 / [<66]
B	8.2 / [5.0]
T	<0.50 / [<0.50]
E	1.17 / [0.67(J)]
X	2.0 / [0.72(J)]

MW-8	
Date	11/3/2015
GRO	<50
DRO	<28
HO	<66
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MW-40	
Date	11/3/2015
GRO	2,700
DRO	380
HO	<65
B	970
T	130
E	180
X	170

MW-12	
Date	11/3/2015
GRO	<50
DRO	<28
HO	<66
B	<0.50
T	<0.50
E	<0.50
X	<0.50

MW-16	
Date	11/3/2015
GRO	<50
DRO	<28
HO	<66
B	<0.50
T	<0.50
E	<0.50
X	<0.50



■ Groundwater Flow Direction

Legend

- N=North
- NNE= North Northeast
- NE= Northeast
- ENE= East Northeast
- E= East
- ESE= East Southeast
- SE=Southeast
- SSE= South Southeast
- S= South
- SW= Southwest
- SSW= South Southwest
- WSW= West South West
- W= West
- WNW= West Northwest
- NW=Northwest
- NNW= North Northwest

Note

Rose diagram based on gradient calculations from 7 groundwater monitoring events conducted by ARCADIS since top of casing survey in March 2010.

Number of Events Observed = 12

MANHOLE 34
VICINITY OF NORTH 6TH STREET AND YAKIMA VALLEY HIGHWAY
SUNNYSIDE, WASHINGTON
2015 ANNUAL SITE STATUS REPORT

**GROUNDWATER FLOW
DIRECTION ROSE DIAGRAM**



Attachment A

Groundwater Monitoring Field Data Sheets



WELL GAUGING DATA

Project # 150429-LB1 Date 4/29/15 Client ARCADES

Site 6TH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-1	1140	2					6.44	18.05	**	0.0
MW-2	1134	2	SHEEN				6.22	16.46	**	31.2
MW-3	1115	2	ODOR	6.47	0.02	—	6.49	—	**	1.8
MW-4	1127	2	ODOR	6.74	0.74	—	7.48	—	**	16.2
MW-8	1152	2					6.37	16.61	*	0.0
MW-9	1109	2					5.95	16.98	*	0.0
MW-10	1345	2					6.95	16.76	*	30.5
MW-11	1326	2	ODOR	6.89	0.08	—	6.46	—	**	18.4
MW-12	1240	2					7.36	17.23	*	0.0
MW-15	1343	2					7.40	13.77	*	0.4
MW-16	1231	2					8.05	13.36	*	0.0
MW-17	1144	2					6.01	15.43	*	0.0
MW-18	1507	2					6.21	13.45	*	0.0
MW-19	1102	2					5.72	13.72	*	0.0
MW-20	1414	2					8.78	13.36	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 150429-LG1 Date 4/29/15 Client ARCADIS

Site GTH ST + YAKOMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/ SPH Meter	PID
MW-21	1052	4					6.58	15.22	*	0.0
MW-22	1057	4					6.41	15.52	*	0.0
MW-23	1042	4					6.31	15.66	*	0.0
MW-25	0812	4					6.40	14.61	*	0.2
MW-26	1148	4					6.71	15.30	*	0.0
MW-27	1202	4					9.31	18.69	*	0.0
MW-28	1208	4					6.34	46.68	*	0.0
MW-29	1412	2					5.41	46.01	*	0.0
MW-30	1327	4					6.81	18.89	**	24.7
MW-31	1045	4	ODOR				6.04	18.94	*/*	0.0
MW-32	1102	4	ODOR				5.57	18.97	**	0.7
MW-33	1052	4	ODOR	5.32	0.04	—	5.36	—	**	2763
MW-39	1158	2					6.28	13.58	*	0.0
MW-40	1210	2					6.28	13.95	*	0.0
MW-41	1203	2					5.42	13.27	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 150429-LB1 Date 4/29/15 Client ARCADES

Site GTH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-42	1222	2	ODOR	6.12	0.15	—	6.27	—	**	5.2
MH-28				UNABLE TO LOCATE						
MW-29				DOES NOT EXIST PER CLIENT						
MH-31	1250			MANHOLE						
MH-32	1220			MANHOLE						
MH-33	0900			MANHOLE						
MH-34	1420			MANHOLE						
DMW-1	1130	2					6.48	18.52	*	0.6
DMW-2	1138	2					7.18	19.84	*	0.1
DMW-3	1110	2					6.72	19.43	*	0.2
DMW-4	1450	2					6.29	19.53	**	58.8
DMW-5	1116	2					6.50	19.02	**	8.2
DMW-6	1121	2					6.74	18.79	*	9.5
RW-1	1121	12					6.61	18.63	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 4/29/15
Well I.D.: MW-8	Well Diameter (in.): \varnothing 3 4 6 8 _____
Total Well Depth (ft.): 16.61	Depth to Water (ft.): 6.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: KVD Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 0938 Flow Rate: 200 mL/MTN Pump Depth: 11.5'

Time	Temp. (Cor °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0941	13.94	7.59	1200	18	1.57	46.1	600	6.45
0944	13.97	7.57	1201	10	1.51	44.3	1200	6.45
0947	13.98	7.56	1199	7	1.49	42.8	1800	6.45
0950	14.00	7.55	1198	6	1.48	41.4	2400	6.45
0953	14.01	7.54	1197	5	1.47	40.6	3000	6.45

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3L
Sampling Time: 0954	Sampling Date: 4/30/15
Sample I.D.: MW-8-04302015	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 4/29/15
Well I.D.: MW-16	Well Diameter (in.): <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="checkbox"/> _____
Total Well Depth (ft.): 13.36	Depth to Water (ft.): 8.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0731 Flow Rate: 200 mL/MIN Pump Depth: 4'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0734	14.47	7.43	1206	10	1.31	24.2	600	8.11
0737	14.42	7.42	1214	6	1.29	20.6	1200	8.11
0740	14.45	7.44	1215	4	1.28	19.7	1800	8.11
0743	14.46	7.45	1216	4	1.27	18.8	2400	8.11
0746	14.47	7.46	1217	5	1.26	17.3	3000	8.11

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: 3 L
Sampling Time: 0747	Sampling Date: 4/30/15
Sample I.D.: MW-16-04302015	Laboratory: LANCASTER
Analyzed for: <input checked="" type="checkbox"/> TRH <input checked="" type="checkbox"/> BTX <input type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-1	Other: SEE COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: Arcadio
Sampler: C. Peter	Gauging Date: 4/30/15
Well I.D.: MW-25	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 14.61	Depth to Water (ft.): 6.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0815 Flow Rate: 200 mL/min Pump Depth: 9'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0818	14.17	7.52	1026	15	3.70	-206.4	600	6.45
0821	14.24	7.52	1038	13	3.73	-210.2	1200	6.45
0824	14.26	7.52	1049	11	3.75	-213.1	1800	6.45
0827	14.29	7.52	1052	12	3.76	-213.2	2400	6.45
0830	14.32	7.53	1055	10	3.65	-214.1	3000	6.45

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.0L
Sampling Time: 0831	Sampling Date: 4/30/15
Sample I.D.: MW-25-04302015	Laboratory: Concastar
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Ser COC
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150429-LB1</u>	Client: <u>Arcadis</u>
Sampler: <u>C. Peterr</u>	Gauging Date: <u>4/29/15</u>
Well I.D.: <u>MW-27</u>	Well Diameter (in.): 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth (ft.): <u>18.69</u>	Depth to Water (ft.): <u>9.31</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>4 SF 556</u>

Purge Method: 2" Grundfos Pump Peristaltic (C) Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0739 Flow Rate: 200 ml/min Pump Depth: 12'

Time	Temp. (<u>C</u> or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to Water (ft.)
0742	14.05	7.45	799	369	4.31	-173.5	600	9.40
0745	14.22	7.54	809	109	4.43	-185.2	1200	9.40
0748	14.40	7.55	810	43	4.49	-193.0	1800	9.41
0751	14.51	7.57	809	29	4.32	-196.1	2400	9.41
0754	14.55	7.57	810	18	4.27	-201.2	3000	9.41

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 1.86 ⁹⁹ 3.0L
Sampling Time: <u>0756</u>	Sampling Date: <u>4/30/15</u>
Sample I.D.: <u>MW-27-04302015</u>	Laboratory: <u>Carr Carter</u>
Analyzed for: <u>TPH/G</u> <u>BTEX</u> MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 4/29/15
Well I.D.: MW-39	Well Diameter (in.): <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 _____
Total Well Depth (ft.): 13.58	Depth to Water (ft.): 6.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0908 Flow Rate: 200 mL/MIN Pump Depth: 10'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0911	13.65	7.32	1031	21	1.96	55.1	600	6.33
0914	13.73	7.37	1033	18	1.93	47.6	1200	6.33
0917	13.75	7.38	1034	15	1.91	45.4	1800	6.33
0920	13.76	7.39	1033	14	1.90	44.6	2400	6.33
0923	13.77	7.40	1032	13	1.89	43.1	3000	6.33

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: 3L
Sampling Time: 0924	Sampling Date: 4/30/15
Sample I.D.: MW-39-04302015	Laboratory: LANCASTER
Analyzed for: TPH-D BTEX MTBE TPH-D Other SEE COC	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150429-LB1</u>	Client: <u>Arcaadis</u>
Sampler: <u>C. Peter</u>	Gauging Date: <u>4/29/15</u>
Well I.D.: <u>MW-40</u>	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): <u>13.95</u>	Depth to Water (ft.): <u>6.28</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVQ</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0931 Flow Rate: 200 mL/min Pump Depth: 9'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0934	13.68	7.62	832	433	1.37	-255.1	600	6.35
0937	13.79	7.46	838	128	1.81	-258.0	1200	6.35
0940	13.88	7.42	835	79	2.01	-261.5	1800	6.35
0943	13.90	7.39	830	44	2.18	-262.7	2400	6.35
0946	13.99	7.38	829	32	2.29	-262.5	3000	6.35

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>0947</u>	Sampling Date: <u>4/30/15</u>
Sample I.D.: <u>MW-40-04302015</u>	Laboratory: <u>Lancaster</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 4/29/15
Well I.D.: MW-41	Well Diameter (in.): <u>3</u> 3 4 6 8
Total Well Depth (ft.): 13.27	Depth to Water (ft.): 5.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: <u>YSI 956</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0838 Flow Rate: 200 mL/MIN Pump Depth: 9.5'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0841	12.45	7.09	343	69	1.31	-16.6	600	5.48
0844	12.45	6.93	327	44	1.24	-20.8	1200	5.48
0847	12.47	6.91	326	45	1.23	-21.8	1800	5.48
0850	12.48	6.90	325	44	1.22	-22.9	2400	5.48
0853	12.49	6.89	324	42	1.21	-23.4	3000	5.48

Did well dewater? Yes <input checked="" type="checkbox"/> NO	Amount actually evacuated: 3L
Sampling Time: 0854	Sampling Date: 4/30/15
Sample I.D.: MW-41-04302015	Laboratory: LANCASTER
Analyzed for: TPH-D BTEX MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150429-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 4/29/15
Well I.D.: MW-42	Well Diameter (in.): \varnothing 3 4 6 8 <u> </u>
Total Well Depth (ft.): <u> </u>	Depth to Water (ft.): 6.27
Depth to Free Product: 6.12	Thickness of Free Product (feet): 0.15
Referenced to: PVG Grade	Flow Cell Type: <u> </u>

Purge Method: ~~2" Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other
 Start Purge Time: Flow Rate: Pump Depth:

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
			0.15'	SPH				
				INTERFACE PROBE				
			No	SAMPLE	TAKEN			

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u> </u>
Sampling Time: <u> </u>	Sampling Date: <u> </u>
Sample I.D.: <u> </u>	Laboratory: <u> </u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u> </u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

WELL MONITORING DATA SHEET

Project #: 153424-LB1	Station #: MH-34
Sampler: LB	Date: 4/29/15
Well I.D.: MH-28	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Waterra Peristaltic Extraction Pump Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbidimeter YSI 556 Flow-Thru Cell YSI 550 DO Meter Other: _____
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

_____ (Gals.) X _____	= _____ Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW

Did well dewater? Yes No	Gallons actually evacuated: _____	
Sampling Date: _____	Sampling Time: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: Test America Other _____	
Analyzed for: GRO BTEX OXYS ETHANOL Other: _____		
Duplicate I.D.: _____	Analyzed for: GRO BTEX OXYS ETHANOL Other: _____	
D.O. (if req'd): _____	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): _____	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: 150429-LB	Station #: MH-34
Sampler: LB	Date: 4/29/15
Well I.D.: MH-29	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	

DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Water Peristaltic Extraction Pump	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbidimeter YSI 556 Flow-Thru Cell YSI 550 DO Meter Other: _____
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(Gals.) X _____ = _____ Gals.			
1 Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						DOES NOT EXIST PER CLIENT
						NO SAMPLE TAKEN

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: _____	
Sampling Date: _____	Sampling Time: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: Test America	Other: _____
Analyzed for: GRO BTEX OXYS ETHANOL	Other: _____	
Duplicate I.D.: _____	Analyzed for: GRO BTEX OXYS ETHANOL	Other: _____
D.O. (if req'd): _____	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): _____	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: 150429-LB1	Station #: MH-34
Sampler: C. Peter	Date: 4/29/15
Well I.D.: MH-32	Well Diameter: 2 3 4 6 8
Total Well Depth: manhole	Depth to Water: Manhole
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Waterra Peristaltic Extraction Pump Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbiditymeter YSI 556 Flow-Thru Cell YSI 550 DO Meter Other: _____
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

(Gals.) X	=	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						- No Purge Sample Taken
1221	58.1	7.90	597.1	984	-	

Did well dewater? Yes No Gallons actually evacuated: -

Sampling Date: 4/29/15 Sampling Time: 1220 Depth to Water: -

Sample I.D.: MH-32-04292015 Laboratory: Test America Other: Lancarter

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: Analyzed for: GRO BTEX OXYS ETHANOL Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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WELL MONITORING DATA SHEET

Project #: <u>150429-LB1</u>	Station #: <u>MH-34</u>
Sampler: <u>C. Peters</u>	Date: <u>4/30/15</u>
Well I.D.: <u>MH-33</u>	Well Diameter: 2 <u>3</u> 4 6 8 <u> </u>
Total Well Depth: <u>man hole</u>	Depth to Water: <u>man hole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer <input type="checkbox"/> Watera <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Peristaltic <input checked="" type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Extraction Pump <input checked="" type="checkbox"/> Electric Submersible <input type="checkbox"/> Other: _____	Sampling Method: Bailer <input type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____	Instruments Used: Myron L Ultrameter <input checked="" type="checkbox"/> HACH Turbidimeter <input checked="" type="checkbox"/> Durham Geoslope Indicator <input type="checkbox"/> YSI 556 Flow-Thru Cell <input type="checkbox"/> GeoTech Interface Probe <input type="checkbox"/> YSI 550 DO Meter <input type="checkbox"/> MMC Interface Probe <input type="checkbox"/> Other: _____
Model #: _____ Screen Interval: _____	Pump Depth: _____	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

<u> </u> (Gals.) X <u> </u> = <u> </u> Gals. 1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
		<u>- No</u>	<u>Purge</u>	<u>Sample</u>	<u>Taken</u>	<u>-</u>
<u>0903</u>	<u>54.6</u>	<u>8.04</u>	<u>706.8</u>	<u>722</u>	<u>-</u>	<u>Brown</u>

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/30/15 Sampling Time: 0900 Depth to Water: -

Sample I.D.: MH-33-04302015 Laboratory: Test America Other Lancaster

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: <u>150429-CB1</u>	Station #: <u>MH-34</u>
Sampler: <u>C Peter</u>	Date: <u>4/29/15</u>
Well I.D.: <u>MH-34</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>man hole</u>	Depth to Water: <u>man hole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer <u>Water</u> Disposable Bailer <u>Peristaltic</u> Positive Air Displacement <u>Extraction Pump</u> Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbidimeter YSI 556 Flow-Thru Cell YSI 550 DO Meter Other: _____
--	--	--

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

<u> </u> (Gals.) X <u> </u> = <u> </u> Gals. Case Volume Specified Volumes Calculated Volume
--

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						- No Purge - Sample Taken -
<u>1424</u>	<u>60.4</u>	<u>8.14</u>	<u>892.3</u>	<u>>1000</u>	-	<u>odor</u>

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/29/15 Sampling Time: 1422 Depth to Water:

Sample I.D.: MH-34-04292015 Laboratory: Test America Other: LANCASTER

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: Analyzed for: GRO BTEX OXYS ETHANOL Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 150803-LB1 Date 8/3/15 Client ARCAOES

Site 6TH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-1	1104	2					7.11	18.13	**	0.0
MW-2	1052	2	SHEEN				6.98	16.46	**	18.1
MW-3	1043	2	ODOR	7.07	0.06	—	7.13	—	**	112.4
MW-4	1048	2	ODOR	7.39	0.70	—	8.09	—	**	74.9
MW-8	1018	2					7.01	16.65	*	0.0
MW-9	1037	2					6.47	16.83	*	0.0
MW-10	1303	2	ODOR	7.51	0.16	—	7.67	—	**	118.4
MW-11	1216	2	ODOR	7.53	0.18	—	7.71	—	**	21.2
MW-12	1004	2					7.93	17.29	*	0.0
MW-15	1228	2					8.13	13.68	*	0.0
MW-16	0958	2					8.61	13.52	*	0.0
MW-17	1108	2					6.61	15.35	*	0.0
MW-18	1348	2					6.57	13.50	*	0.0
MW-19	1053	2					6.21	13.80	*	0.0
MW-20	1313	2					9.23	13.31	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 150203-LB1 Date 8/3/15 Client ARCADIS

Site 6TH ST & YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-21	1037	4					7.24	15.41	*	0.0
MW-22	1043	4					6.82	15.62	*	0.0
MW-23	1047	4					6.91	15.80	*	0.0
MW-25	1400	4					6.94	14.66	*	0.0
MW-26	1103	4					7.25	15.21	*	0.0
MW-27	1028	4					9.55	18.67	*	0.0
MW-28	1122	4					6.24	46.71	*	0.0
MW-29	1309	2					5.81	46.11	*	0.0
MW-30	1138	4					7.25	18.67	*	0.0
MW-31	1115	4					6.53	18.41	*	0.0
MW-32	1030	4					6.05	18.99	**	0.0
MW-33	1113	4	ODOR				6.15	18.99	**	0.0
MW-39	1023	2					6.98	13.51	*	0.0
MW-40	1026	2					6.86	14.01	*	0.0
MW-41	1030	2					6.01	13.27	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 150803-LR1 Date 8/3/15 Client ARCAOIS

Site 6TH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-42	1010	2	GDOR	6.78	0.17	—	6.95	—	**	118.4
DMW-1	1128	2					7.08	18.62	*	0.0
DMW-2	1137	2					7.63	19.85	*	0.0
DMW-3	1117	2					7.31	19.45	*	0.0
DMW-4	1350	2					6.62	19.35	*	3.0
DMW-5	1141	2	GDOR	7.02	0.12		7.14	—	**	98.6
DMW-6	1124	2	GDOR	7.02			7.26	18.81	*	0.0
RW-1	1049	12					7.23	18.5	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcadis</u>
Sampler: <u>C. Peterl</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-8</u>	Well Diameter (in.): <u>2</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>16.65</u>	Depth to Water (ft.): <u>7.01</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1001 Flow Rate: 200 mL/min Pump Depth: 10-11'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1004	17.36	7.17	1193	4	1.62	-104.1	600	7.10
1007	17.43	7.08	1188	2	1.18	-116.3	1200	7.10
1010	17.53	7.02	1196	3	0.99	-125.2	1800	7.10
1013	17.50	7.00	1197	3	0.93	-131.0	2400	7.10
1016	17.51	6.97	1195	2	0.90	-133.1	3000	7.10

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1017</u>	Sampling Date: <u>8/4/15</u>
Sample I.D.: <u>MW-8-08042015</u>	Laboratory: <u>Carraster</u>
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-12</u>	Well Diameter (in.): <u>3</u> 4 6 8 _____
Total Well Depth (ft.): <u>17.29</u>	Depth to Water (ft.): <u>7.93</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>NO</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0811 Flow Rate: 200 mL / MIN Pump Depth: 13'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0814	22.89	7.05	1175	19	1.53	66.3	600	7.96
0817	22.73	7.01	1172	7	1.44	62.3	1200	7.96
0820	22.68	7.04	1170	5	1.41	59.2	1800	7.96
0823	22.67	7.06	1171	5	1.40	58.4	2400	7.96
0826	22.66	7.07	1172	6	1.59	57.7	3000	7.96

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>0827</u>	Sampling Date: <u>8/4/15</u>
Sample I.D.: <u>MW-12. 08042015</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> MTBE <u>TPH-D</u> Other <u>SEE CUC</u>	
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: <u>BD-MW-31. 08042015</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150803-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 8/3/15
Well I.D.: MW-15	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): 13.68	Depth to Water (ft.): 8.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI 586</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1233 Flow Rate: 200 ML/MIN Pump Depth: 11'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1236	23.34	7.35	965	91	1.20	-28.2	600	8.18
1239	23.27	7.27	982	84	1.18	-32.2	1200	8.18
1242	23.23	7.23	980	84	1.13	-39.3	1800	8.18
1245	23.24	7.22	979	83	1.12	-40.4	2400	8.18
1248	23.25	7.20	977	84	1.11	-41.3	3000	8.18

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>1249</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>MW-15-0803205</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: <input checked="" type="checkbox"/> TRI-O <input checked="" type="checkbox"/> RTEX MTBE <input checked="" type="checkbox"/> TRI-D	Others: <u>SEE COL</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>15B03-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-16</u>	Well Diameter (in.): <u>Ø</u> 3 4 6 8 <u> </u>
Total Well Depth (ft.): <u>13.52</u>	Depth to Water (ft.): <u>8.61</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0740 Flow Rate: 200 ML/MIN Pump Depth: 11.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0743	20.85	7.34	1119	26	1.32	56.2	600	8.65
0746	20.59	7.36	1126	21	1.25	54.7	1200	8.65
0749	20.60	7.37	1127	16	1.24	53.3	1800	8.65
0752	20.59	7.38	1127	15	1.23	52.4	2400	8.65
0755	20.58	7.39	1128	15	1.22	51.8	3000	8.65

Did well dewater? Yes No Amount actually evacuated: 3L

Sampling Time: 0756 Sampling Date: 8/4/15

Sample I.D.: MW-16-08042015 Laboratory: LANCASTER

Analyzed for: TPH-G BTEX MTBE TPH-T Other: SEE COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-20</u>	Well Diameter (in.): <u>Ø 3 4 6 8</u>
Total Well Depth (ft.): <u>13.31</u>	Depth to Water (ft.): <u>9.23</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: <u>YSZ 536</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1314 Flow Rate: 200 mL / MIN Pump Depth: 11.5'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1317	20.78	7.41	735	177	1.49	118.9	600	9.28
1320	21.28	7.35	732	117	1.47	114.3	1200	9.28
1323	21.31	7.33	730	92	1.44	110.4	1800	9.28
1326	21.32	7.32	729	92	1.43	109.6	2400	9.28
1329	21.33	7.31	728	93	1.42	108.2	3000	9.28

Did well dewater? Yes NO Amount actually evacuated: 3L

Sampling Time: 1330 Sampling Date: 8/3/15

Sample I.D.: MW-20-08032015 Laboratory: LANCASTER

Analyzed for: PHE BTEX MTBE TPH-D Other SEE COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcaid</u>
Sampler: <u>C. PETER</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-25</u>	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): <u>14.66</u>	Depth to Water (ft.): <u>6.94</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VVC</u> Grade	Flow Cell Type: <u>VSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 1405 Flow Rate: 200 ml/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1408	22.99	7.20	1389	4	3.73	-237.1	600	7.01
1411	23.02	7.12	1390	3	3.64	-238.9	1200	7.01
1414	22.90	7.07	1382	3	3.55	-239.1	1800	7.01
1417	22.78	7.05	1379	3	3.49	-240.7	2400	7.01
1420	22.69	7.04	1378	2	3.42	-241.2	3000	7.01

Did well dewater? Yes No Amount actually evacuated: 3.0L

Sampling Time: 1421 Sampling Date: 8/3/15

Sample I.D.: MW-25-08032015 Laboratory: Lancaster

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150803-CB1	Client: Arcadis
Sampler: C Peter	Gauging Date: 8/3/15
Well I.D.: MW-27	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 18.07	Depth to Water (ft.): 9.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0748 Flow Rate: 200 mL/min Pump Depth: 14'

Time	Temp. (<input checked="" type="radio"/> °C or °F)	pH	Cond. (mS/cm or <input checked="" type="radio"/> µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <input checked="" type="radio"/> mL)	Depth to Water (ft.)
0751	17.23	6.34	963	2	4.94	62.1	600	9.61
0754	17.30	6.41	965	2	4.04	30.2	1200	9.61
0757	17.26	6.46	968	3	4.55	20.5	1800	9.61
0800	17.15	6.48	972	4	4.43	19.2	2400	9.61
0803	17.10	6.49	973	3	4.42	19.0	3000	9.61

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3.0L
Sampling Time: 0804	Sampling Date: 8/4/15
Sample I.D.: MW-27-08042015	Laboratory: Lancaster
Analyzed for: <input checked="" type="radio"/> TPH-G <input checked="" type="radio"/> BTEX <input type="radio"/> MTBE <input type="radio"/> TPH-D	Other: See COC
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-30</u>	Well Diameter (in.): 2 3 <u>4</u> 6 8 _____
Total Well Depth (ft.): <u>18.67</u>	Depth to Water (ft.): <u>7.25</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: <u>YSI 555</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1141 Flow Rate: 200 mL/min Pump Depth: 13'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1144	20.59	6.93	1465	70	0.96	-145.7	600	7.25
1147	20.69	6.81	1461	25	0.88	-147.4	1200	7.25
1150	20.69	6.79	1460	20	0.87	-150.2	1800	7.25
1153	20.68	6.77	1459	19	0.86	-151.4	2400	7.25
1156	20.66	6.76	1458	18	0.85	-152.8	3000	7.25

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>1157</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>MW-30-08032015</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-N <input type="checkbox"/> Other: <u>SEE LOC</u>	
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcadic</u>
Sampler: <u>C. Peters</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-32</u>	Well Diameter (in.): 2 3 <u>4</u> 6 8 _____
Total Well Depth (ft.): <u>18.99</u>	Depth to Water (ft.): <u>6.05</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>41E 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1252 Flow Rate: 200 mL/min Pump Depth: 13'

Time	Temp. (<u>°C</u> or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to Water (ft.)
<u>1255</u>	<u>20.65</u>	<u>6.73</u>	<u>1409</u>	<u>5</u>	<u>1.30</u>	<u>-251.3</u>	<u>600</u>	<u>6.12</u>
<u>1258</u>	<u>20.79</u>	<u>6.75</u>	<u>1415</u>	<u>3</u>	<u>1.16</u>	<u>-251.7</u>	<u>1200</u>	<u>6.12</u>
<u>1301</u>	<u>20.80</u>	<u>6.77</u>	<u>1411</u>	<u>2</u>	<u>1.11</u>	<u>-255.4</u>	<u>1800</u>	<u>6.12</u>
<u>1304</u>	<u>20.84</u>	<u>6.79</u>	<u>1408</u>	<u>2</u>	<u>1.06</u>	<u>-260.1</u>	<u>2400</u>	<u>6.12</u>
<u>1307</u>	<u>20.88</u>	<u>6.81</u>	<u>1405</u>	<u>2</u>	<u>1.02</u>	<u>263.3</u>	<u>3000</u>	<u>6.12</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1308</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>MW-32-08032015</u>	Laboratory: <u>Cancartw</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u>	Other: <u>See COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150803-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 8/3/15
Well I.D.: MW-39	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): 13.57	Depth to Water (ft.): 6.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>XCO</u> Grade	Flow Cell Type: <u>YSE 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated X Tubing New Tubing Other _____
 Start Purge Time: 0924 Flow Rate: 200 ML / MIN Pump Depth: 10.5'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or liters)	Depth to Water (ft.)
0927	19.61	7.26	876	30	0.99	-132.5	600	7.03
0930	19.88	7.26	867	12	0.97	-118.4	1200	7.03
0933	19.90	7.27	865	13	0.95	-120.6	1800	7.03
0936	19.91	7.28	864	12	0.94	-121.2	2400	7.03
0939	19.93	7.29	863	11	0.93	-122.6	3000	7.03

Did well dewater? Yes No Amount actually evacuated: 3L

Sampling Time: 0940 Sampling Date: 8/4/15

Sample I.D.: MW-39-08042015 Laboratory: LANCASTER

Analyzed for: XPH-O BTEX MTBE XPH-D Other: SEE COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcoadis</u>
Sampler: <u>C Petrus</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-40</u>	Well Diameter (in.): <u>(2)</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>14.01</u>	Depth to Water (ft.): <u>6.86</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	Flow Cell Type: _____

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0929 Flow Rate: 200 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0932	22.20	6.85	1033	22	1.02	-63.5	000	6.92
0935	22.85	6.88	1025	14	0.72	-91.1	1200	6.92
0938	23.10	6.94	998	7	0.64	-105.0	1800	6.92
0941	23.38	6.95	988	4	0.58	-111.2	2400	6.93
0944	23.49	6.96	983	3	0.55	-109.8	3000	6.93

Did well dewater? Yes No Amount actually evacuated: 3.0L

Sampling Time: 0945 Sampling Date: 8/4/15

Sample I.D.: MW-40-08042015 Laboratory: Canaster

Analyzed for: TPA-G BTEX MTBE TPH-D Other: SEP COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>MW-41</u>	Well Diameter (in.): <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth (ft.): <u>13.27</u>	Depth to Water (ft.): <u>6.01</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVD</u> Grade	Flow Cell Type: <u>YSE 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0850 Flow Rate: 200 ML/MIN Pump Depth: 10'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0853	20.94	7.01	665	89	1.21	-112.7	600	6.07
0856	21.40	6.84	672	25	1.06	-113.7	1200	6.07
0859	21.42	6.81	678	27	1.04	-115.2	1800	6.07
0902	21.43	6.80	679	26	1.03	-116.4	2400	6.07
0905	21.44	6.79	681	25	1.02	-117.4	3000	6.07

Did well dewater? Yes No Amount actually evacuated: 3L

Sampling Time: 0906 Sampling Date: 8/4/15

Sample I.D.: MW-41-08042015 Laboratory: LANCASTER

Analyzed for: TRIC BTEX MTBE TPH-D Other: SEE COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150803-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 8/3/15
Well I.D.: MW-42	Well Diameter (in.): 0 3 4 6 8
Total Well Depth (ft.): —	Depth to Water (ft.): 6.95
Depth to Free Product: 6.78	Thickness of Free Product (feet): 0.17
Referenced to: PVD Grade	Flow Cell Type: _____

Purge Method: ~~2" Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
			0.17' GP	SPH				
			w/	INTERFACE				
			No	SAMPLE				
				TAKEN				

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____	
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcadis</u>
Sampler: <u>C Patient</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>DMW-2</u>	Well Diameter (in.): <u>(2)</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>19.85</u>	Depth to Water (ft.): <u>7.63</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(V)G</u> Grade	Flow Cell Type: <u>YCF556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1217 Flow Rate: 200 mL/min Pump Depth: 14'

Time	Temp. (Cor °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1220	17.97	7.05	969	13	5.89	-202.4	600	7.74
1223	18.34	6.96	958	5	5.54	-204.6	1200	7.74
1226	18.53	6.89	956	5	5.41	-207.1	1800	7.74
1229	18.69	6.85	956	4	5.46	-209.4	2400	7.74
1232	18.03	6.83	955	4	5.41	-211.1	3000	7.74

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1233</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>DMW-2-08032015</u>	Laboratory: <u>Lancaster</u>
Analyzed for: <u>TPH-G</u> <u>BTX</u> MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>DMW-4</u>	Well Diameter (in.): <u>2</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>19.35</u>	Depth to Water (ft.): <u>6.62</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSF 586</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1352 Flow Rate: 200ML/MIN Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
<u>1355</u>	<u>19.78</u>	<u>7.38</u>	<u>764</u>	<u>62</u>	<u>1.76</u>	<u>-12.0</u>	<u>600</u>	<u>6.65</u>
<u>1358</u>	<u>19.47</u>	<u>7.32</u>	<u>763</u>	<u>45</u>	<u>1.74</u>	<u>-14.3</u>	<u>1200</u>	<u>6.65</u>
<u>1401</u>	<u>19.48</u>	<u>7.29</u>	<u>761</u>	<u>44</u>	<u>1.72</u>	<u>-16.0</u>	<u>1850</u>	<u>6.65</u>
<u>1404</u>	<u>19.49</u>	<u>7.28</u>	<u>762</u>	<u>43</u>	<u>1.71</u>	<u>-17.6</u>	<u>2400</u>	<u>6.65</u>
<u>1407</u>	<u>19.48</u>	<u>7.26</u>	<u>763</u>	<u>42</u>	<u>1.70</u>	<u>-18.2</u>	<u>3000</u>	<u>6.65</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>1408</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>DMW4-08032015</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>SEE COL</u>	
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Client: <u>Arcol</u>
Sampler: <u>C Petrus</u>	Gauging Date: <u>8/3/15</u>
Well I.D.: <u>DMW-5</u>	Well Diameter (in.): <u>(2)</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>19.05</u>	Depth to Water (ft.): <u>7.14</u>
Depth to Free Product: <u>7.02</u>	Thickness of Free Product (feet): <u>0.12</u>
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1145 Flow Rate: 200 mL/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1148	20.41	6.89	1770	7	1.56	-210.1	600	7.21
1151	20.62	6.78	1780	6	1.20	-239.0	1200	7.21
1154	20.41	6.71	1764	5	1.06	-243.1	1800	7.23
1157	20.39	6.65	1745	5	1.02	-245.1	2400	7.24
1200	20.40	6.62	1739	5	0.99	-246.0	3000	7.24

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1201</u>	Sampling Date: <u>8/3/15</u>
Sample I.D.: <u>DMW-5-08032015</u>	Laboratory: <u>Lancaster</u>
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH-D	Other: <u>SEP COC</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

WELL MONITORING DATA SHEET

Project #: 150803-LB1	Station #: MH-34
Sampler: LB	Date: 8/3/15
Well I.D.: MH-28	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Water Disposable Bailer Peristaltic Positive Air Displacement Extraction Pump Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer _____ Disposable Bailer _____ Extraction Port _____ Dedicated Tubing _____ Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter HACH Turbidimeter Durham Geoslope Indicator YSI 556 Flow-Thru Cell GeoTech Interface Probe YSI 550 DO Meter MMC Interface Probe Other: _____
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(Gals.) X _____	= _____ Gals,	
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW

Did well dewater? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: _____	
Sampling Date: _____	Sampling Time: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: Test America	Other: _____
Analyzed for: GRO BTEX OXYS ETHANOL	Other: _____	
Duplicate I.D.: _____	Analyzed for: GRO BTEX OXYS ETHANOL	
Other: _____		
D.O. (if req'd): _____	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): _____	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Station #: <u>MH-3A</u>
Sampler: <u>LB</u>	Date: <u>8/3/15</u>
Well I.D.: <u>MH-2A</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

Bailer Water
 Disposable Bailer Peristaltic
 Positive Air Displacement Extraction Pump
 Electric Submersible
 Other: _____
 Model #: _____ Screen Interval: _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____
 Pump Depth: _____

Instruments Used:

Myron L Ultrameter HACH Turbidimeter
 Durham Geoslope Indicator YSI 556 Flow-Thru Cell
 GeoTech Interface Probe YSI 550 DO Meter
 MMC Interface Probe Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

	(Gals.) X _____ = _____ Gals.	
I Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						<u>WELL DOES NOT EXIST</u>
						<u>NO SAMPLE TAKEN</u>

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: _____ Sampling Time: _____ Depth to Water: _____

Sample I.D.: _____ Laboratory: Test America Other: _____

Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>150803-LR/</u>	Station #: <u>ARCO - MH-34</u>
Sampler: <u>C Peter</u>	Date: _____
Well I.D.: <u>MH-31</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

Purge Method: Bailer _____ Disposable Bailer _____ Positive Air Displacement _____ Electric Submersible _____ Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer _____ Disposable Bailer <u>(C)</u> Extraction Port _____ Dedicated Tubing _____ Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter <u>(C)</u> Durham Geoslope Indicator _____ GeoTech Interface Probe _____ MMC Interface Probe _____ HACH Turbidimeter _____ YSI 556 Flow-Thru Cell _____ YSI 550 DO Meter _____ Other: _____
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

_____ (Gals.) X _____ I Case Volume Specified Volumes	= _____ Gals. Calculated Volume
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Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
		- No	Purge	Sample	Taken	-
0825	64.0	7.89	688.1	12	—	

Did well dewater? Yes (No) Gallons actually evacuated: —

Sampling Date: 8/4/15 Sampling Time: 0824 Depth to Water: —

Sample I.D.: MH-31-08042015 Laboratory: Test America Other: Calcarter

Analyzed for: GRO BTEX OXYS ETHANOL Other: See coc

Duplicate I.D.: _____		Analyzed for: GRO BTEX OXYS ETHANOL Other: _____	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

WELL MONITORING DATA SHEET

Project #: <u>150803-LP1</u>	Station #: <u>ARCO-MH-34</u>
Sampler: <u>C PATENT</u>	Date: <u>8/4/15</u>
Well I.D.: <u>MH-32</u>	Well Diameter: <u>2</u> 3 <u>4</u> <u>6</u> <u>8</u> <u> </u>
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible
 Other: _____
 Model #: _____ Screen Interval: _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____
 Pump Depth: _____

Instruments Used:

Myron L Ultrameter HACH Turbidimeter
 Durham Geoslope Indicator YSI 556 Flow-Thru Cell
 GeoTech Interface Probe YSI 550 DO Meter
 MMC Interface Probe Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

(Gals.) X	=	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
<u>- No Purge Sample Taken</u>						
<u>0851</u>	<u>64.1</u>	<u>8.08</u>	<u>683.4</u>	<u>28</u>	<u>-</u>	

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 8/4/15 Sampling Time: 0850 Depth to Water: -

Sample I.D.: MH-32-08042015 Laboratory: Test America Other: Lanarta

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd):	Pre-purge: mg/L	Post-purge: mg/L
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O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV
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WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Station #: <u>ARCO-MH-34</u>
Sampler: <u>C PLANT</u>	Date: <u>8/3/15</u>
Well I.D.: <u>MH-33</u>	Well Diameter: <u>2</u> 3 4 6 <u>8</u>
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer _____ Disposable Bailer _____ Positive Air Displacement _____ Electric Submersible _____ Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer _____ Disposable Bailer <input checked="" type="checkbox"/> _____ Extraction Port _____ Dedicated Tubing _____ Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter <input checked="" type="checkbox"/> _____ HACH Turbidimeter _____ Durham Geoslope Indicator _____ YSI 556 Flow-Thru Cell _____ GeoTech Interface Probe _____ YSI 550 DO Meter _____ MMC Interface Probe _____ Other: _____
---	--	--

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

_____ (Gals.) X _____ Case Volume Specified Volumes	= _____ Gals. Calculated Volume
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Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						- No Purge Sample Taken -
<u>1445</u>	<u>68.8</u>	<u>6.20</u>	<u>694.8</u>	<u>21</u>	-	

Did well dewater? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u> <input type="checkbox"/>	Gallons actually evacuated: <u>-</u>	
Sampling Date: <u>8/3/15</u>	Sampling Time: <u>1444</u>	Depth to Water: <u>-</u>
Sample I.D.: <u>MH-33-08032015</u>	Laboratory: <u>Test America</u>	Other: <u>Lancarta</u>
Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> OXYS <input type="checkbox"/> ETHANOL	Other: <u>See COC</u>	
Duplicate I.D.:	Analyzed for: GRO BTEX OXYS ETHANOL Other:	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>150803-LB1</u>	Station #: <u>ARCO-MH-34</u>
Sampler: <u>C Peters</u>	Date: <u>8/3/15</u>
Well I.D.: <u>MH-34</u>	Well Diameter: <u>2 3 4 6 8</u> _____
Total Well Depth: <u>man hole</u>	Depth to Water: <u>man hole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer <input checked="" type="checkbox"/> <u>Water</u> Disposable Bailer <input checked="" type="checkbox"/> <u>Peristaltic</u> Positive Air Displacement <input checked="" type="checkbox"/> <u>Extraction Pump</u> Electric Submersible <input checked="" type="checkbox"/> Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer <input type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter <input checked="" type="checkbox"/> HACH Turbidimeter <input checked="" type="checkbox"/> Durham Geoslope Indicator YSI 556 Flow-Thru Cell GeoTech Interface Probe YSI 550 DO Meter MMC Interface Probe Other: _____
--	---	--

(Gals.) X _____	= _____	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						- No Purge Sample Taken -
1330	71.7	5.96	887.1	>1000	-	odor/sheen

Did well dewater? Yes No Gallons actually evacuated: -

Sampling Date: 8/3/15 Sampling Time: 1329 Depth to Water: -

Sample I.D.: MH-34-08032015 Laboratory: Test America Other: Lancaster

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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WELL GAUGING DATA

Project # 15102-LBJ Date 11/2/15 Client ARCADES

Site 6TH ST + YAKIMA VALLEY HWY, SUMMERSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-1	1330	2					6.99	18.18	*	0.0
MW-2	1144	2					6.47	16.46	*	0.0
MW-3	1129	2	ODOR	6.89	0.07	—	6.46	—	**	8.6
MW-4	1140	2	ODOR	7.17	0.67	—	7.84	—	**	2.8
MW-8	0918 1341	2					6.75	16.66	*	0.0
MW-9	1115	2					6.26	16.91	*	0.0
MW-10	1224	2	ODOR	7.38	0.03	—	7.41	—	**	1.1
MW-11	1216	2	ODOR	7.49	0.15	—	7.64	—	**	1.8
MW-12	1201	2					7.68	17.32	*	0.0
MW-15	1228	2					8.09	13.77	*	0.1
MW-16	1155	2					8.41	13.48	*	0.0
MW-17	1336	2					6.69	15.31	*	0.0
MW-18	1200	2					6.42	13.51	*	0.0
MW-19	1104	2					5.96	13.72	*	0.0
MW-20	1238	2					8.98	13.29	*	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 151102-LBI Date 11/2/15 Client ARCADIS

Site 6TH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-21	1054	4					7.01	15.22	✱	0.0
MW-22	1059	4					6.63	15.35	✱	0.0
MW-23	1110	4					6.68	15.61	✱	0.0
MW-25	1214	4					6.89	14.68	✱	0.0
MW-26	1145	4					7.11	15.20	✱	0.0
MW-27	1105	4					9.54	18.66	✱	0.0
MW-28				UNABLE TO ACCESS			VAULT	LED STUCK		
MW-29	1234	2					5.98	45.90	✱	0.0
MW-30	1210	4					7.19	18.70	✱	0.8
MW-31	1135	4					6.42	18.51	✱	0.0
MW-32	1100	4					5.98	18.97	✱	0.0
MW-33	1130	4					5.85	19.01	✱	0.0
MW-39	1347	2					6.72	13.56	✱	0.0
MW-40	1352	2					6.57	13.86	✱	0.0
MW-41	1356	2					5.78	13.29	✱	0.0

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

WELL GAUGING DATA

Project # 151002-LB1 Date 11/2/15 Client ARCADIS

Site 6TH ST + YAKIMA VALLEY HWY, SUNNYSIDE, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Water/SPH Meter	PID
MW-42	1408	2	ODOR	6.55	0.08	—	6.63	—	**	120.5
DMW-1	1110	2					6.92	18.71	**	0.0
DMW-2			UNABLE TO ACCESS			, PARKED OVER				
DMW-3	1120	2					7.20	19.43	*	0.0
DMW-4	1315 1315	2					6.55	19.40		
DMW-5	1115	2	ODOR	6.84	0.05	—	6.89	—	**	90.0
DMW-6	1125	2	ODOR				7.23	18.81	*	0.0
RW-1	1134	12					7.02	18.37	**	1.2

Instruments Used: Durham Geoslope Water Level Indicator* GeoTech Oil/Water Interface Probe** Other: _____

Survey Point - Top of casing at all wells

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>151102-LB1</u>	Client: <u>Arco Dir</u>
Sampler: <u>C. Detorri</u>	Gauging Date: <u>11/2/15</u>
Well I.D.: <u>MW-8</u>	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): <u>16.66</u>	Depth to Water (ft.): <u>6.75</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YCF 55C</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0920 Flow Rate: 200 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0923	14.40	7.74	1611	11	6.72	20.1	600	6.85
0926	14.79	7.75	1631	7	7.72	10.7	1200	6.85
0929	15.13	7.75	1627	5	7.73	8.4	1800	6.85
0932	15.19	7.76	1625	5	7.71	7.9	2400	6.85
0935	15.25	7.74	1620	4	7.69	7.5	3000	6.85

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.06</u>
Sampling Time: <u>0936</u>	Sampling Date: <u>11/3/15</u>
Sample I.D.: <u>MW-8-11032015</u>	Laboratory: <u>Lancaster</u>
Analyzed for: TPF-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE TPH-D	Other: <u>See doc</u>
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>151103-LB1</u>	Client: <u>ARCADES</u>
Sampler: <u>1B</u>	Gauging Date: <u>11/2/15</u>
Well I.D.: <u>MW-12</u>	Well Diameter (in.): <u>0</u> 3 4 6 8 <u> </u>
Total Well Depth (ft.): <u>17.32</u>	Depth to Water (ft.): <u>7.68</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSE 536</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0828 Flow Rate: 200 mL/MIN Pump Depth: 12.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
<u>0831</u>	<u>20.90</u>	<u>7.60</u>	<u>1924</u>	<u>25</u>	<u>1.57</u>	<u>50.7</u>	<u>600</u>	<u>7.71</u>
<u>0834</u>	<u>20.75</u>	<u>7.62</u>	<u>1936</u>	<u>21</u>	<u>1.46</u>	<u>45.2</u>	<u>1200</u>	<u>7.71</u>
<u>0837</u>	<u>20.73</u>	<u>7.66</u>	<u>1938</u>	<u>14</u>	<u>1.44</u>	<u>41.8</u>	<u>1800</u>	<u>7.71</u>
<u>0840</u>	<u>20.74</u>	<u>7.68</u>	<u>1939</u>	<u>13</u>	<u>1.43</u>	<u>40.2</u>	<u>2400</u>	<u>7.71</u>
<u>0843</u>	<u>20.74</u>	<u>7.69</u>	<u>1940</u>	<u>12</u>	<u>1.42</u>	<u>39.6</u>	<u>3000</u>	<u>7.71</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>0844</u>	Sampling Date: <u>11/3/15</u>
Sample I.D.: <u>MW-12-11032015</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u>	Other: <u>SEE COC</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 151102-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 11/2/15
Well I.D.: MW-16	Well Diameter (in.): <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth (ft.): 13.48	Depth to Water (ft.): 8.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PYO Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0803 Flow Rate: 200 mL/MIN Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or L)	Depth to Water (ft.)
0806	19.91	7.67	1837	31	1.35	59.1	600	8.45
0809	20.06	7.74	1852	26	1.34	54.3	1200	8.45
0812	19.99	7.77	1857	21	1.33	52.9	1800	8.45
0815	19.98	7.78	1858	21	1.32	51.4	2400	8.45
0818	19.97	7.80	1859	20	1.31	50.6	3000	8.45

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: 3L
Sampling Time: 0819	Sampling Date: 11/3/15
Sample I.D.: MW-16-11032015	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE COC	
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>151102-LB1</u>	Client: <u>ARCADIS</u>
Sampler: <u>LB</u>	Gauging Date: <u>11/2/15</u>
Well I.D.: <u>MW-20</u>	Well Diameter (in.): <u>Ø</u> 3 4 6 8 <u> </u>
Total Well Depth (ft.): <u>13.29</u>	Depth to Water (ft.): <u>8.98</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI 536</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1243 Flow Rate: 200 mL / MIN Pump Depth: 11.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or L)	Depth to Water (ft.)
1246	19.08	7.19	1161	25	1.25	90.6	600	9.01
1249	19.45	7.34	1149	21	1.23	82.2	1200	9.01
1252	19.48	7.44	1148	20	1.20	80.9	1800	9.01
1255	19.49	7.45	1146	19	1.19	79.4	2400	9.01
1258	19.50	7.46	1145	18	1.18	78.6	3000	9.01

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3L</u>
Sampling Time: <u>1259</u>	Sampling Date: <u>11/2/15</u>
Sample I.D.: <u>MW-20-11022015</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u>	Other: <u>SEE COC</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u>Time</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>151102-LB1</u>	Client: <u>Arcadic</u>
Sampler: <u>C Peters</u>	Gauging Date: <u>11/2/15</u>
Well I.D.: <u>MW-25</u>	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): <u>14.68</u>	Depth to Water (ft.): <u>6.89</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>SI 516</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1223 Flow Rate: 200 mL/min Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1226	15.95	6.85	1830	4	6.91	21.1	600	6.97
1229	16.30	6.97	1850	4	6.58	7.2	1200	6.97
1232	16.33	7.04	1872	3	6.52	7.4	1800	6.97
1235	16.10	7.11	1845	3	6.60	7.9	2400	6.97
1238	16.15	7.16	1926	3	6.58	7.0	3000	6.97

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1239</u>	Sampling Date: <u>11/2/15</u>
Sample I.D.: <u>MW-25-11022015</u>	Laboratory: <u>Lancaster</u>
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 151102-LB1	Client: Arcadis
Sampler: CPetars	Gauging Date: 11/3/15
Well I.D.: MW-27	Well Diameter (in.): 2 3 <u>4</u> 6 8
Total Well Depth (ft.): 18.66	Depth to Water (ft.): 9.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0742 Flow Rate: 200 mL/min Pump Depth: 14'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0745	14.50	7.46	1308	64	7.73	-56.0	600	9.62
0748	15.16	7.54	1297	20	7.18	-67.8	1200	9.62
0751	15.27	7.63	1299	8	6.26	-71.5	1800	9.62
0754	15.39	7.67	1301	6	6.29	-74.2	2400	9.62
0757	15.36	7.68	1304	5	6.28	-73.1	3000	9.62

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.06
Sampling Time: 0758	Sampling Date: 11/3/15
Sample I.D.: MW-27-11032015	Laboratory: Lancaster
Analyzed for: TPH-C <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> TPH-D <input type="checkbox"/>	Other: See COC
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 151102-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 11/2/15
Well I.D.: MW-39	Well Diameter (in.): ② 3 4 6 8
Total Well Depth (ft.): 13.56	Depth to Water (ft.): 6.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0900 Flow Rate: 200 mL/MIN Pump Depth: 10.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0903	16.62	7.93	1640	30	1.27	-37.0	600	6.75
0906	17.06	7.92	1619	24	1.18	-50.7	1200	6.75
0909	16.98	7.92	1609	21	1.16	-51.7	1800	6.75
0912	16.97	7.91	1610	20	1.15	-52.6	2400	6.75
0915	16.96	7.91	1611	21	1.14	-53.6	3000	6.75

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: 3L
Sampling Time: 0916	Sampling Date: 11/3/15
Sample I.D.: MW-39-11032015	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.: BD-MH-34-11032015

LOW FLOW WELL MONITORING DATA SHEET

Project #: 151102-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 11/2/15
Well I.D.: MW 40	Well Diameter (in.): \varnothing 3 4 6 8 _____
Total Well Depth (ft.): 13.86	Depth to Water (ft.): 6.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVG</u> Grade	Flow Cell Type: <u>YSE 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0939 Flow Rate: 200 mL / MIN Pump Depth: 10.5'

Time	Temp. (\varnothing or °F)	pH	Cond. (mS/cm or μ S/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0942	18.39	7.83	2021	38	0.91	-71.4	600	6.59
0945	18.87	7.84	2009	23	0.85	-74.8	1200	6.59
0948	18.93	7.84	2007	21	0.83	-77.1	1800	6.59
0951	18.94	7.83	2006	21	0.82	-78.4	2400	6.59
0954	18.95	7.82	2005	20	0.81	-79.6	3000	6.59

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 3L
Sampling Time: 0955	Sampling Date: 11/3/15
Sample I.D.: MW-40-11032015	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 151102-LB1	Client: ARCADIS
Sampler: LB	Gauging Date: 10/2/15
Well I.D.: MW-1941	Well Diameter (in.): <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth (ft.): 13.29	Depth to Water (ft.): 5.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> Grade	Flow Cell Type: YSE 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0730 Flow Rate: 200 ml/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0733	16.93	6.99	668	74	0.81	-52.3	600	5.81
0736	17.58	6.98	690	14	0.78	-63.4	1200	5.81
0739	17.56	6.99	691	13	0.77	-64.8	1800	5.81
0742	17.54	6.98	692	12	0.76	-65.2	2400	5.81
0745	17.53	6.96	693	11	0.75	-66.9	3000	5.81

Did well dewater? Yes Amount actually evacuated: 3L

Sampling Time: 0746 Sampling Date: 11/3/15

Sample I.D.: MW-41-11032015 Laboratory: LANCASTER

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 15 1102-LB1	Client: ARCADES
Sampler: LB	Gauging Date: 11/2/15
Well I.D.: MM-42	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): —	Depth to Water (ft.): 6.63
Depth to Free Product: 6.55	Thickness of Free Product (feet): 6.08
Referenced to: <u>PV</u> Grade	Flow Cell Type: _____

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
— 0.08' OF SPH DETECTED								
w/ INTERFACE PROBE								
— ABS SOCK WEIGHT / POUND								
— SOCK 100% SATURATED, LIGHT BROWN IN COLOR								
— NEW ABS SOCK INSTALLED, WEIGHT 4oz								
— USED SOCK PRUNGED ON SITE								
— NO SAMPLE TAKEN								

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory:
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.:

WELL MONITORING DATA SHEET

Project #: <u>15102-LB1</u>	Station #: <u>MH-34</u>
Sampler: <u>LB</u>	Date: <u>11/2/15</u>
Well I.D.: <u>MH-28</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:	Sampling Method:	Instruments Used:
Bailer	Bailer	Myron L Ultrameter
Disposable Bailer	Disposable Bailer	HACH Turbidimeter
Positive Air Displacement	Extraction Port	Durham Geoslope Indicator
Electric Submersible	Dedicated Tubing	YSI 556 Flow-Thru Cell
Other: _____	Other: _____	GeoTech Interface Probe
Model #: _____	Pump Depth: _____	MMC Interface Probe
Screen Interval: _____		Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

<u> </u> (Gals.) X <u> </u>	=	<u> </u> Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u> </u>
Sampling Date: <u> </u>	Sampling Time: <u> </u>
Sample I.D.: <u> </u>	Depth to Water: <u> </u>
Analyzed for: GRO BTEX OXYS ETHANOL Other: <u> </u>	Laboratory: <u>Test America</u> Other: <u> </u>
Duplicate I.D.: <u> </u>	Analyzed for: GRO BTEX OXYS ETHANOL Other: <u> </u>
D.O. (if req'd): <u> </u>	Pre-purge: <u> </u> mg/L
O.R.P. (if req'd): <u> </u>	Post-purge: <u> </u> mg/L
	Pre-purge: <u> </u> mV
	Post-purge: <u> </u> mV

WELL MONITORING DATA SHEET

Project #: <u>151102-LB1</u>	Station #: <u>MH-24</u>
Sampler: <u>LB</u>	Date: <u>11/2/15</u>
Well I.D.: <u>MH-29</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Water: Peristaltic Extraction Pump	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbidimeter YSI 556 Flow Thru Cell YSI 550 DO Meter Other: _____
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

_____ (Gals.) X _____ Specified Volumes = _____ Gals.
 1 Case Volume Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						<u>WELL DOES NOT EXIST PER CLIENT</u>
						<u>NO SAMPLE TAKEN</u>

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: _____ Sampling Time: _____ Depth to Water: _____

Sample I.D.: _____ Laboratory: Test America Other: _____

Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>151102-LB1</u>	Station #: <u>MH-34</u>
Sampler: <u>C Peters</u>	Date: <u>11/3/15</u>
Well I.D.: <u>MH-31</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

Bailer Waterra
 Disposable Bailer Peristaltic
 Positive Air Displacement Extraction Pump
 Electric Submersible
 Other: _____
 Model #: _____ Screen Interval: _____

Sampling Method:

Bailer Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____
 Pump Depth: _____

Instruments Used:

Myron L Ultrameter HACH Turbidimeter
Durham Geoslope Indicator YSI 556 Flow-Thru Cell
GeoTech Interface Probe YSI 550 DO Meter
MMC Interface Probe Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

(Gals.) X	=	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						<u>- No Purge Sample Taken -</u>
<u>0818</u>	<u>53.7</u>	<u>8.26</u>	<u>870.4</u>	<u>17</u>	<u>-</u>	

Did well dewater? Yes No Gallons actually evacuated: -

Sampling Date: 11/3/15 Sampling Time: 0815 Depth to Water: -

Sample I.D.: MH-31-11032015 Laboratory: Test America Other: Lancaster

Analyzed for: GRO BTEX OXYS ETHANOL Other: See COC

Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

WELL MONITORING DATA SHEET

Project #: 151102-LB1	Station #: MH-34
Sampler: C Peters	Date: 11/3/15
Well I.D.: MH-32	Well Diameter: 2 3 4 6 8
Total Well Depth: manhole	Depth to Water: manhole
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____ Pump Depth: _____	Instruments Used: Myron L Ultrameter Durham Geoslope Indicator GeoTech Interface Probe MMC Interface Probe HACH Turbiditymeter YSI 556 Flow-Thru Cell YSI 550 DO Meter Other: _____
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

(Gals.) X	=	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
- No Purge Sample Taken -						
0842	61.7	8.32	185.6	110	-	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: -	
Sampling Date: 11/3/15	Sampling Time: 0840	Depth to Water: -
Sample I.D.: MH-32-11032015	Laboratory: Test America	Other: Lancaster
Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> OXYS <input type="checkbox"/> ETHANOL	Other: SEE COC	
Duplicate I.D.:	Analyzed for: GRO BTEX OXYS ETHANOL Other:	
D.O. (if req'd):	Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV

WELL MONITORING DATA SHEET

Project #: <u>151102-CB1</u>	Station #: <u>MH-34</u>
Sampler: <u>C Peters</u>	Date: <u>11/2/15</u>
Well I.D.: <u>MH-33</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer <input type="checkbox"/> <u>Water</u> Disposable Bailer <input type="checkbox"/> <u>Peristaltic</u> Positive Air Displacement <input type="checkbox"/> <u>Extraction Pump</u> Electric Submersible <input type="checkbox"/> Other: _____ Model #: _____ Screen Interval: _____	Sampling Method: Bailer <input type="checkbox"/> <u>Disposable Bailer</u> Extraction Port <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____ Pump Depth: _____	Instruments Used: <u>Myron L Ultrameter</u> <u>HACH Turbiditymeter</u> Durham Geoslope Indicator YSI 556 Flow-Thru Cell GeoTech Interface Probe YSI 550 DO Meter MMC Interface Probe Other: _____
---	---	---

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

<u> </u> (Gals.) X <u> </u>	<u> </u> Specified Volumes	= <u> </u> Gals. Calculated Volume
---------------------------------	------------------------------	--------------------------------------

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
						<u>- No Purge Sample Taken -</u>
<u>1328</u>	<u>61.2</u>	<u>6.49</u>	<u>823.6</u>	<u>186</u>	<u>—</u>	<u>—</u>

Did well dewater? Yes <input type="checkbox"/> <u>No</u> <input checked="" type="checkbox"/>	Gallons actually evacuated: <u> </u>
Sampling Date: <u>11/2/15</u> Sampling Time: <u>1325</u> Depth to Water: <u> </u>	
Sample I.D.: <u>MH-33-11022015</u> Laboratory: <u>Test America</u> Other: <u>Lancaster</u>	
Analyzed for: <u>GRO</u> <u>BTEX</u> OXYS ETHANOL Other: <u>See COC</u>	
Duplicate I.D.: _____ Analyzed for: GRO BTEX OXYS ETHANOL Other: _____	
D.O. (if req'd):	Pre-purge: <u> </u> mg/L Post-purge: <u> </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV Post-purge: <u> </u> mV

WELL MONITORING DATA SHEET

Project #: <u>151102-CB1</u>	Station #: <u>MH-34</u>
Sampler: <u>C PATER</u>	Date: <u>11/2/15</u>
Well I.D.: <u>MH-34</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>manhole</u>	Depth to Water: <u>manhole</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

Bailer Waterra
 Disposable Bailer Peristaltic
 Positive Air Displacement Extraction Pump
 Electric Submersible
 Other: _____
 Model #: _____ Screen Interval: _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____
 Pump Depth: _____

Instruments Used:

Myron L Ultrameter HACH Turbidimeter
 Durham Geoslope Indicator YSI 556 Flow-Thru Cell
 GeoTech Interface Probe YSI 550 DO Meter
 MMC Interface Probe Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

 (Gals.) X = Gals.
 1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations/ DTW
		<u>- No</u>	<u>Purge</u>	<u>Sample</u>	<u>Taken</u>	<u> </u>
<u>1258</u>	<u>64.3</u>	<u>6.27</u>	<u>890.3</u>	<u>> 1000</u>	<u> </u>	<u>odor</u>
Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Gallons actually evacuated: <u> </u>				
Sampling Date: <u>11/2/15</u>		Sampling Time: <u>1255</u>		Depth to Water: <u> </u>		
Sample I.D.: <u>MH-34-11022015</u>		Laboratory: <u>Test America</u>		Other: <u>Lancaster</u>		
Analyzed for: <u>GRO</u> <u>BTEX</u> OXYS ETHANOL		Other: <u>See COC</u>				
Duplicate I.D.:		Analyzed for: GRO BTEX OXYS ETHANOL Other:				
D.O. (if req'd):		Pre-purge:	mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):		Pre-purge:	mV	Post-purge:	mV	

Attachment B

Laboratory Report and Chain-of-Custody Documentation



ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

May 14, 2015

Project: MH-34

Submittal Date: 05/02/2015
Group Number: 1558190
PO Number: GP09BPNA.WA59
State of Sample Origin: WA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-8-04302015 Grab Water	7872330
MW-12-04302015 Grab Water	7872331
MW-16-04302015 Grab Water	7872332
MW-20-04292015 Grab Water	7872333
MW-25-04302015 Grab Water	7872334
MW-27-04302015 Grab Water	7872335
MW-39-04302015 Grab Water	7872336
MW-40-04302015 Grab Water	7872337
MW-41-04302015 Grab Water	7872338
MH-31-04292015 Grab Water	7872339
MH-32-04292015 Grab Water	7872340
MH-33-04302015 Grab Water	7872341
MH-34-04292015 Grab Water	7872342
BD-MH-34-04302015 Grab Water	7872343

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

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Ryan Brauchla
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Myles Perkins
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Sam Miles
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Prajakta Ghatpande

COPY TO

Respectfully Submitted,



Stacy L. Butt
Specialist

(717) 556-7236

Project Name: MH-34
LL Group #: 1558190

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

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

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:**SW-846 8260B, GC/MS Volatiles**Sample #s: 7872342

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 6.

Sample #s: 7872336, 7872337, 7872341

Project defined calibration criteria are not met. The calibration is compliant with the method defined criteria.

ECY 97-602 NWTPH-Gx, GC VolatilesSample #s: 7872342

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 5.

ECY 97-602 NWTPH-DX modified, GC Petroleum Hydrocarbons w/SiSample #s: 7872340

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

Batch #: 151260019A (Sample number(s): 7872340-7872343)

The recovery(ies) for one or more surrogates were outside of the QC window for sample(s) 7872340

Sample Description: MW-8-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872330
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 09:54 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY08

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	E151322AA	05/12/2015 21:06	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E151322AA	05/12/2015 21:06	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15124A53A	05/05/2015 18:23	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15124A53A	05/05/2015 18:23	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 00:22	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-12-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872331
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 08:16 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY12

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	E151322AA	05/12/2015 21:26	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E151322AA	05/12/2015 21:26	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15124A53A	05/05/2015 18:51	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15124A53A	05/05/2015 18:51	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 00:43	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-16-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872332
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 07:47 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY16

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/12/2015 22:32	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/12/2015 22:32	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15124A53A	05/05/2015 19:18	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15124A53A	05/05/2015 19:18	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 01:04	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-20-04292015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872333
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/29/2015 14:36 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY20

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L151324AA	05/12/2015 17:34	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L151324AA	05/12/2015 17:34	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15126B20A	05/07/2015 19:11	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 19:11	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 03:34	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-25-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872334
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 08:31 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY25

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/12/2015 22:56	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/12/2015 22:56	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15126B20A	05/07/2015 15:05	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 15:05	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 01:26	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-27-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872335
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 07:56 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY27

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/12/2015 23:19	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/12/2015 23:19	Kevin A Sposito	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15126B20A	05/07/2015 15:32	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 15:32	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	151260008A	05/08/2015 02:09	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-39-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872336
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 09:24 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY39

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	1.1	0.50	1.0	1
10335	Ethylbenzene	100-41-4	0.73 J	0.50	1.0	1
10335	Toluene	108-88-3	0.81 J	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	5.1	0.50	1.0	1
Project defined calibration criteria are not met. The calibration is compliant with the method defined criteria.						
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si						
	ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	38 J	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/12/2015 23:43	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/12/2015 23:43	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602	1	15126B20A	05/07/2015 15:59	Brett W Kenyon	1
		NWTPH-Gx					
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 15:59	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602	1	151260008A	05/08/2015 02:30	Christine E Dolman	1
		NWTPH-Dx modified					
02135	Extraction - DRO Water Special	ECY 97-602	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1
		NWTPH-Dx 06/97					

*=This limit was used in the evaluation of the final result

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: MW-40-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872337
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 09:47 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY40

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	510	5.0	10	10
10335	Ethylbenzene	100-41-4	83	0.50	1.0	1
10335	Toluene	108-88-3	19	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	41	0.50	1.0	1
Project defined calibration criteria are not met. The calibration is compliant with the method defined criteria.						
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	730	50	250	1
GC Petroleum Hydrocarbons w/Si						
	ECY 97-602 NWTTPH-Dx modified		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	480	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	82 J	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/13/2015 00:07	Kevin A Sposito	1
10335	VOCs 8260 BTEX	SW-846 8260B	1	E151333AA	05/13/2015 18:48	Sara E Johnson	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/13/2015 00:07	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E151333AA	05/13/2015 18:48	Sara E Johnson	10
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15126B20A	05/07/2015 16:27	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 16:27	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	151260008A	05/08/2015 02:51	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-41-04302015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7872338
LL Group # 1558190
Account # 13255

Project Name: MH-34

Collected: 04/30/2015 08:54 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY41

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	2.8	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	560	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	390	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/13/2015 00:30	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/13/2015 00:30	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15126B20A	05/07/2015 16:54	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 16:54	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260008A	05/08/2015 03:56	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

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Sample Description: **MH-31-04292015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7872339**
 LL Group # **1558190**
 Account # **13255**

Project Name: **MH-34**

Collected: 04/29/2015 12:55 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600

Submitted: 05/02/2015 10:10

630 Plaza Drive

Reported: 05/14/2015 11:46

Highlands Ranch CO 80129

6TY31

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	0.59 J	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	0.73 J	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	29 J	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L151324AA	05/12/2015 17:56	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L151324AA	05/12/2015 17:56	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15126B20A	05/07/2015 17:49	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 17:49	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	151260008A	05/08/2015 03:13	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	151260008A	05/06/2015 19:00	Samantha L Bronder	1

*=This limit was used in the evaluation of the final result

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Sample Description: **MH-32-04292015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7872340**
 LL Group # **1558190**
 Account # **13255**

Project Name: **MH-34**

Collected: 04/29/2015 12:20 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY32

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
Hydrocarbons w/Si modified						
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	93	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	65	230	1
The surrogate data is outside the QC limits due to unresolvable matrix problems evident during the sample preparation.						

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L151324AA	05/12/2015 18:18	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L151324AA	05/12/2015 18:18	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602	1	15126B20A	05/07/2015 18:17	Brett W Kenyon	1
		NWTPH-Gx					
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 18:17	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602	1	151260019A	05/08/2015 13:56	Christine E Dolman	1
		NWTPH-Dx modified					
02135	Extraction - DRO Water Special	ECY 97-602	1	151260019A	05/07/2015 11:30	Denise L Trimby	1
		NWTPH-Dx 06/97					

*=This limit was used in the evaluation of the final result

Sample Description: **MH-33-04302015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7872341**
 LL Group # **1558190**
 Account # **13255**

Project Name: **MH-34**

Collected: 04/30/2015 09:00 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY33

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10335	Benzene	71-43-2	N.D.	ug/l 0.50	ug/l 1.0	1
10335	Ethylbenzene	100-41-4	0.75 J	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	0.89 J	0.50	1.0	1
Project defined calibration criteria are not met. The calibration is compliant with the method defined criteria.						
GC Volatiles ECY 97-602 NWTPH-Gx						
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	ug/l 50	ug/l 250	1
GC Petroleum ECY 97-602 NWTPH-Dx						
Hydrocarbons w/Si modified						
02211	DRO C12-C24 w/Si Gel	n.a.	70 J	ug/l 28	ug/l 94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/13/2015 00:54	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/13/2015 00:54	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602	1	15126B20A	05/07/2015 18:44	Brett W Kenyon	1
01146	GC VOA Water Prep	NWTPH-Gx					
02211	NWTPH-Dx water w/Si Gel	SW-846 5030B	1	15126B20A	05/07/2015 18:44	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602	1	151260019A	05/08/2015 15:05	Christine E Dolman	1
02135	Extraction - DRO Water Special	NWTPH-Dx modified					
02135	Extraction - DRO Water Special	ECY 97-602	1	151260019A	05/07/2015 11:30	Denise L Trimby	1
		NWTPH-Dx 06/97					

*=This limit was used in the evaluation of the final result

Sample Description: **MH-34-04292015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7872342**
 LL Group # **1558190**
 Account # **13255**

Project Name: **MH-34**

Collected: 04/29/2015 14:22 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 05/02/2015 10:10

Reported: 05/14/2015 11:46

6TY34

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
		SW-846 8260B		ug/l	ug/l	
10335	Benzene	71-43-2	0.81 J	0.50	1.0	1
10335	Ethylbenzene	100-41-4	1.9	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	66	0.50	1.0	1
A preserved vial was submitted for analysis. However, the pH at the time of analysis was 6.						
GC Volatiles						
		ECY 97-602 NWTPH-Gx		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	1,100	50	250	1
A preserved vial was submitted for analysis. However, the pH at the time of analysis was 5.						
GC Petroleum Hydrocarbons w/Si						
		ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	57,000	3,000	10,000	10
02211	HRO C24-C40 w/Si Gel	n.a.	51,000	7,000	25,000	10

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N151322AA	05/13/2015 01:53	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N151322AA	05/13/2015 01:53	Christopher G Torres	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15126B20A	05/07/2015 14:37	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 14:37	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	151260019A	05/08/2015 15:26	Christine E Dolman	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	151260019A	05/07/2015 11:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: **BD-MH-34-04302015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7872343**
 LL Group # **1558190**
 Account # **13255**

Project Name: **MH-34**

Collected: 04/30/2015 by LB

Atlantic Richfield c/o ARCADIS

Submitted: 05/02/2015 10:10

Suite 600

Reported: 05/14/2015 11:46

630 Plaza Drive

Highlands Ranch CO 80129

6TYFD

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	W151323AA	05/13/2015 01:18	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W151323AA	05/13/2015 01:18	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602	1	15126B20A	05/07/2015 19:39	Brett W Kenyon	1
		NWTPH-Gx					
01146	GC VOA Water Prep	SW-846 5030B	1	15126B20A	05/07/2015 19:39	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602	1	151260019A	05/08/2015 13:35	Christine E Dolman	1
		NWTPH-Dx modified					
02135	Extraction - DRO Water Special	ECY 97-602	1	151260019A	05/07/2015 11:30	Denise L Trimby	1
		NWTPH-Dx 06/97					

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 05/14/2015 11:46

Group Number: 1558190

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

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E151322AA	Sample number(s): 7872330-7872331								
Benzene	N.D.	0.50	1.0	ug/l	110	108	78-120	1	30
Ethylbenzene	N.D.	0.50	1.0	ug/l	108	108	80-120	0	30
Toluene	N.D.	0.50	1.0	ug/l	110	110	80-120	0	30
Xylene (Total)	N.D.	0.50	1.0	ug/l	109	108	80-120	1	30
Batch number: E151333AA	Sample number(s): 7872337								
Benzene	N.D.	0.50	1.0	ug/l	106	103	78-120	2	30
Batch number: L151324AA	Sample number(s): 7872333,7872339-7872340								
Benzene	N.D.	0.50	1.0	ug/l	107		78-120		
Ethylbenzene	N.D.	0.50	1.0	ug/l	108		80-120		
Toluene	N.D.	0.50	1.0	ug/l	108		80-120		
Xylene (Total)	N.D.	0.50	1.0	ug/l	110		80-120		
Batch number: N151322AA	Sample number(s): 7872342								
Benzene	N.D.	0.50	1.0	ug/l	100		78-120		
Ethylbenzene	N.D.	0.50	1.0	ug/l	93		80-120		
Toluene	N.D.	0.50	1.0	ug/l	96		80-120		
Xylene (Total)	N.D.	0.50	1.0	ug/l	94		80-120		
Batch number: W151323AA	Sample number(s): 7872332,7872334-7872338,7872341,7872343								
Benzene	N.D.	0.50	1.0	ug/l	110	112	78-120	1	30
Ethylbenzene	N.D.	0.50	1.0	ug/l	111	113	80-120	2	30
Toluene	N.D.	0.50	1.0	ug/l	110	115	80-120	4	30
Xylene (Total)	N.D.	0.50	1.0	ug/l	114	115	80-120	1	30
Batch number: 15124A53A	Sample number(s): 7872330-7872332								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	97	98	80-123	1	30
Batch number: 15126B20A	Sample number(s): 7872333-7872343								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	95	96	80-123	1	30
Batch number: 151260008A	Sample number(s): 7872330-7872339								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	73	76	32-117	5	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					
Batch number: 151260019A	Sample number(s): 7872340-7872343								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	85	85	32-117	0	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 05/14/2015 11:46

Group Number: 1558190

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: L151324AA	Sample number(s): 7872333,7872339-7872340 UNSPK: 7872333							
Benzene	96	102	72-134	6	30			
Ethylbenzene	93	99	71-134	6	30			
Toluene	95	100	80-125	5	30			
Xylene (Total)	94	99	79-125	5	30			
Batch number: N151322AA	Sample number(s): 7872342 UNSPK: P876238							
Benzene	106	102	72-134	4	30			
Ethylbenzene	99	96	71-134	4	30			
Toluene	101	98	80-125	2	30			
Xylene (Total)	99	96	79-125	3	30			

Surrogate Quality Control

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

Analysis Name: VOCs 8260 BTEX
Batch number: E151322AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7872330	98	99	101	99
7872331	98	101	100	99
Blank	98	98	100	99
LCS	100	101	100	101
LCSD	99	101	101	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: L151324AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7872333	102	102	99	97
7872339	101	102	98	96
7872340	102	103	98	97
Blank	100	101	100	96
LCS	102	101	100	99
MS	100	101	101	99
MSD	102	101	99	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: N151322AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7872342	100	103	96	94
Blank	101	103	93	95
LCS	99	102	97	99
MS	100	102	99	99
MSD	99	103	99	100

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 05/14/2015 11:46

Group Number: 1558190

Surrogate Quality Control

Limits: 80-116 77-113 80-113 78-113

Analysis Name: VOCs 8260 BTEX
Batch number: W151323AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7872332	98	100	99	96
7872334	99	99	100	97
7872335	98	99	98	96
7872336	99	103	98	97
7872337	98	100	100	97
7872338	96	97	99	96
7872341	96	100	100	96
7872343	98	100	99	97
Blank	101	102	99	97
LCS	97	100	100	98
LCSD	97	100	100	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 15124A53A

	Trifluorotoluene-F
7872330	99
7872331	99
7872332	95
Blank	116
LCS	110
LCSD	110
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 15126B20A

	Trifluorotoluene-F
7872333	91
7872334	94
7872335	93
7872336	93
7872337	103
7872338	94
7872339	93
7872340	93
7872341	93
7872342	101
7872343	94
Blank	94
LCS	100
LCSD	103
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 151260008A

	Orthoterphenyl
7872330	102
7872331	98
7872332	107
7872333	100

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 05/14/2015 11:46

Group Number: 1558190

Surrogate Quality Control

7872334	105
7872335	104
7872336	98
7872337	106
7872338	107
7872339	111
Blank	99
LCS	103
LCSD	110

Limits: 50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 151260019A

Orthoterphenyl

7872340	43*
7872341	106
7872342	73
7872343	98
Blank	98
LCS	107
LCSD	106

Limits: 50-150

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Client: Arcadis

MH-34

Delivery and Receipt Information

Delivery Method: SeaTac Arrival Timestamp: 05/02/2015 10:10
 Number of Packages: 5 Number of Projects: 2
 State/Province of Origin: WA

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	3
Paperwork Enclosed:	Yes	Trip Blank Type:	HCI
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Wesley Miller (2308) at 11:48 on 05/02/2015

Samples Chilled Details: MH-34

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.7	DT	Wet	Y	Bagged	N
2	DT121	0.5	DT	Wet	Y	Bagged	N
3	DT121	0.7	DT	Wet	Y	Bagged	N
4	DT121	0.4	DT	Wet	Y	Bagged	N
5	DT121	0.2	DT	Wet	Y	Bagged	N

Explanation of Symbols and Abbreviations

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

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

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and the $<$ Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

August 19, 2015

Project: MH-34Submittal Date: 08/06/2015
Group Number: 1582832
PO Number: GP09BPNA.WA59
State of Sample Origin: WA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-8-08042015 Grab Water	7996545
MW-12-08042015 Grab Water	7996546
MW-15-08032015 Grab Water	7996547
MW-16-08042015 Grab Water	7996548
MW-20-08032015 Grab Water	7996549
MW-25-08032015 Grab Water	7996550
MW-27-08042015 Grab Water	7996551
MW-30-08032015 Grab Water	7996552
MW-32-08032015 Grab Water	7996553
MW-39-08042015 Grab Water	7996554
MW-40-08042015 Grab Water	7996555
MW-41-08042015 Grab Water	7996556
DMW-2-08032015 Grab Water	7996557
DMW-4-08032015 Grab Water	7996558
DMW-5-08032015 Grab Water	7996559
MH-31-08042015 Grab Water	7996560
MH-32-08042015 Grab Water	7996561
MH-33-08032015 Grab Water	7996562
MH-34-08032015 Grab Water	7996563
BD-MH-34-08042015 Grab Water	7996564

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

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

ELECTRONIC ARCADIS U.S., Inc.

Attn: Brian Marcum

COPY TO ELECTRONIC	ARCADIS U.S., Inc.	Attn: Sam Miles
COPY TO ELECTRONIC	ARCADIS U.S., Inc.	Attn: Myles Perkins
COPY TO ELECTRONIC	ARCADIS U.S., Inc.	Attn: Ryan Brauchla
COPY TO		

Respectfully Submitted,



Stacy L. Butt
Specialist

(717) 556-7236

Project Name: MH-34
LL Group #: 1582832

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

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

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:**ECY 97-602 NWTPH-DX modified, GC Petroleum Hydrocarbons w/Si**

Batch #: 152250016A (Sample number(s): 7996547, 7996549-7996550, 7996552-7996553, 7996557-7996559, 7996562-7996563)

The recovery(ies) for one or more surrogates were outside of the QC window for sample(s) 7996552

Sample Description: MW-8-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996545
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 10:17 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY08

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/14/2015 22:34	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/14/2015 22:34	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 12:12	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 12:12	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 19:51	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-12-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996546
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 08:27 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY12

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/14/2015 23:37	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/14/2015 23:37	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222B20A	08/11/2015 12:40	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 12:40	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250017A	08/17/2015 20:13	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-15-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996547
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 12:49 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY15

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	54 J	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	410	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N152262AA	08/14/2015 23:56	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N152262AA	08/14/2015 23:56	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222A94A	08/12/2015 22:06	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 22:06	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250016A	08/18/2015 09:05	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-16-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996548
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 07:56 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY16

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/14/2015 23:58	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/14/2015 23:58	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 13:08	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 13:08	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 20:35	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-20-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996549
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 13:30 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY20

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	3.1	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	9.9	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	170 J	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	99	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N152262AA	08/15/2015 00:20	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N152262AA	08/15/2015 00:20	Kevin A Sposito	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222A94A	08/12/2015 22:31	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 22:31	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250016A	08/18/2015 08:43	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-25-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996550
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 14:21 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY05

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N152262AA	08/15/2015 00:43	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N152262AA	08/15/2015 00:43	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222A94A	08/12/2015 22:57	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 22:57	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250016A	08/17/2015 22:02	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-27-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996551
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 08:04 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY27

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 00:19	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 00:19	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 13:35	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 13:35	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 20:57	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-30-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996552
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 11:57 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY30

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	4,400	50	100	100
10335	Ethylbenzene	100-41-4	1,200	50	100	100
10335	Toluene	108-88-3	320	50	100	100
10335	Xylene (Total)	1330-20-7	2,600	50	100	100
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	14,000	2,500	13,000	50
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	77,000	570	1,900	20
02211	HRO C24-C40 w/Si Gel	n.a.	25,000	1,300	4,800	20

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N152292AA	08/17/2015 14:49	Daniel H Heller	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N152292AA	08/17/2015 14:49	Daniel H Heller	100
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222A94A	08/13/2015 02:44	Brett W Kenyon	50
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/13/2015 02:44	Brett W Kenyon	50
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250016A	08/18/2015 09:48	Nicholas R Rossi	20
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-32-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996553
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 13:08 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY32

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	47 J	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	N152262AA	08/15/2015 01:07	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N152262AA	08/15/2015 01:07	Kevin A Sposito	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222A94A	08/12/2015 23:22	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 23:22	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250016A	08/17/2015 22:24	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-39-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996554
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 09:40 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY39

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	44 J	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 00:40	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 00:40	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 14:03	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 14:03	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 21:19	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-40-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996555
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 09:45 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY40

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	250	1.0	2.0	2
10335	Ethylbenzene	100-41-4	100	1.0	2.0	2
10335	Toluene	108-88-3	53	1.0	2.0	2
10335	Xylene (Total)	1330-20-7	80	1.0	2.0	2
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	1,200	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	320	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 01:02	Caitlin M Carmody	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 01:02	Caitlin M Carmody	2
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15224A94A	08/13/2015 20:03	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15224A94A	08/13/2015 20:03	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 22:02	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-41-08042015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996556
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/04/2015 09:06 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY41

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	130	0.50	1.0	1
10335	Ethylbenzene	100-41-4	73	0.50	1.0	1
10335	Toluene	108-88-3	2.6	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	15	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	350	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	250	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 01:44	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 01:44	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 14:31	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 14:31	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 22:24	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: DMW-2-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996557
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 12:33 by LB

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TYD2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 02:05	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 02:05	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222A94A	08/12/2015 23:47	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 23:47	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250016A	08/17/2015 22:45	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: DMW-4-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996558
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 14:08 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TYD4

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	10	0.50	1.0	1
10335	Ethylbenzene	100-41-4	9.8	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	16	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	200 J	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	64 J	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 02:26	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 02:26	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222A94A	08/13/2015 00:13	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/13/2015 00:13	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250016A	08/17/2015 23:07	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: DMW-5-08032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 7996559
LL Group # 1582832
Account # 13255

Project Name: MH-34

Collected: 08/03/2015 12:01 by LB

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TYD5

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	1,700	10	20	20
10335	Ethylbenzene	100-41-4	1,100	10	20	20
10335	Toluene	108-88-3	80	10	20	20
10335	Xylene (Total)	1330-20-7	2,500	10	20	20
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	13,000	500	2,500	10
GC Petroleum Hydrocarbons w/Si						
	ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	2,100	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 02:47	Caitlin M Carmody	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 02:47	Caitlin M Carmody	20
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15224A94A	08/14/2015 01:33	Brett W Kenyon	10
01146	GC VOA Water Prep	SW-846 5030B	1	15224A94A	08/14/2015 01:33	Brett W Kenyon	10
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250016A	08/18/2015 08:00	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-31-08042015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7996560**
 LL Group # **1582832**
 Account # **13255**

Project Name: **MH-34**

Collected: 08/04/2015 08:24 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TY31

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 03:30	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 03:30	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222B20A	08/11/2015 14:59	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 14:59	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250017A	08/17/2015 22:45	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-32-08042015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7996561**
 LL Group # **1582832**
 Account # **13255**

Project Name: **MH-34**

Collected: 08/04/2015 08:50 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600

Submitted: 08/06/2015 09:45

630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TM32

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	120 J	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 03:52	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 03:52	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 15:54	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 15:54	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 23:07	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-33-08032015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7996562**
 LL Group # **1582832**
 Account # **13255**

Project Name: **MH-34**

Collected: 08/03/2015 14:44 by LB

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 08/06/2015 09:45

Reported: 08/19/2015 19:16

6TY33

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	88 J	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 04:13	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 04:13	Caitlin M Carmody	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15222A94A	08/13/2015 00:38	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/13/2015 00:38	Brett W Kenyon	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	152250016A	08/18/2015 08:22	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-34-08032015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7996563**
 LL Group # **1582832**
 Account # **13255**

Project Name: **MH-34**

Collected: 08/03/2015 13:29 by LB

Atlantic Richfield c/o ARCADIS

Submitted: 08/06/2015 09:45

Suite 600

Reported: 08/19/2015 19:16

630 Plaza Drive

Highlands Ranch CO 80129

6TY34

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	1.1	0.50	1.0	1
10335	Ethylbenzene	100-41-4	1.2	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	2.0	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	5,000	340	1,100	10
02211	HRO C24-C40 w/Si Gel	n.a.	5,100	790	2,800	10

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 04:34	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 04:34	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222A94A	08/12/2015 18:17	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222A94A	08/12/2015 18:17	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250016A	08/18/2015 09:27	Nicholas R Rossi	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250016A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Sample Description: **BD-MH-34-08042015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 7996564**
 LL Group # **1582832**
 Account # **13255**

Project Name: **MH-34**

Collected: 08/04/2015 by LB

Atlantic Richfield c/o ARCADIS

Submitted: 08/06/2015 09:45

Suite 600
630 Plaza Drive

Reported: 08/19/2015 19:16

Highlands Ranch CO 80129

6TYFD

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	Y152263AA	08/15/2015 04:55	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y152263AA	08/15/2015 04:55	Caitlin M Carmody	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15222B20A	08/11/2015 16:22	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15222B20A	08/11/2015 16:22	Brett W Kenyon	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	152250017A	08/17/2015 23:29	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	152250017A	08/14/2015 08:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 08/19/2015 19:16

Group Number: 1582832

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

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: N152262AA	Sample number(s): 7996547,7996549-7996550,7996553								
Benzene	N.D.	0.50	1.0	ug/l	96	97	78-120	0	30
Ethylbenzene	N.D.	0.50	1.0	ug/l	105	105	80-120	0	30
Toluene	N.D.	0.50	1.0	ug/l	104	105	80-120	0	30
Xylene (Total)	N.D.	0.50	1.0	ug/l	102	101	80-120	1	30
Batch number: N152292AA	Sample number(s): 7996552								
Benzene	N.D.	0.50	1.0	ug/l	101	100	78-120	1	30
Ethylbenzene	N.D.	0.50	1.0	ug/l	108	106	78-120	2	30
Toluene	N.D.	0.50	1.0	ug/l	106	104	80-120	2	30
Xylene (Total)	N.D.	0.50	1.0	ug/l	105	102	80-120	2	30
Batch number: Y152263AA	Sample number(s): 7996545-7996546,7996548,7996551,7996554-7996564								
Benzene	N.D.	0.50	1.0	ug/l	111		78-120		
Ethylbenzene	N.D.	0.50	1.0	ug/l	115		80-120		
Toluene	N.D.	0.50	1.0	ug/l	113		80-120		
Xylene (Total)	N.D.	0.50	1.0	ug/l	113		80-120		
Batch number: 15222A94A	Sample number(s): 7996547,7996549-7996550,7996552-7996553,7996557-7996558,7996562-7996563								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	90	92	80-123	2	30
Batch number: 15222B20A	Sample number(s): 7996545-7996546,7996548,7996551,7996554,7996556,7996560-7996561,7996564								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	92	91	80-123	1	30
Batch number: 15224A94A	Sample number(s): 7996555,7996559								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	93		80-123		
Batch number: 152250016A	Sample number(s): 7996547,7996549-7996550,7996552-7996553,7996557-7996559,7996562-7996563								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	85	87	32-117	2	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					
Batch number: 152250017A	Sample number(s): 7996545-7996546,7996548,7996551,7996554-7996556,7996560-7996561,7996564								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	65	59	32-117	11	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					

Sample Matrix Quality Control

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 08/19/2015 19:16

Group Number: 1582832

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: N152292AA	Sample number(s): 7996552 UNSPK: P993863								
Benzene	107	109	78-120	1	30				
Ethylbenzene	115	115	78-120	0	30				
Toluene	113	114	80-120	1	30				
Xylene (Total)	110	110	80-120	0	30				
Batch number: Y152263AA	Sample number(s): 7996545-7996546,7996548,7996551,7996554-7996564 UNSPK: 7996545								
Benzene	105	103	72-134	2	30				
Ethylbenzene	108	105	71-134	2	30				
Toluene	104	102	80-125	1	30				
Xylene (Total)	105	102	79-125	2	30				
Batch number: 15224A94A	Sample number(s): 7996555,7996559 UNSPK: P998826								
NWTPH-Gx water C7-C12	99	99	75-135	0	30				

Surrogate Quality Control

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

Analysis Name: VOCs 8260 BTEX
Batch number: N152262AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7996547	106	107	105	95
7996549	104	107	106	100
7996550	107	106	106	94
7996553	105	107	105	95
Blank	105	104	106	96
LCS	97	103	111	110
LCSD	98	100	111	111
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: N152292AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7996552	98	100	105	103
Blank	100	102	106	99
LCS	96	100	109	109
LCSD	96	99	107	107
MS	99	100	110	112
MSD	97	98	109	110
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: Y152263AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7996545	102	102	100	98
7996546	102	101	100	98
7996548	101	101	99	97

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 08/19/2015 19:16

Group Number: 1582832

Surrogate Quality Control

7996551	101	101	101	97
7996554	102	101	101	98
7996555	101	101	101	98
7996556	102	100	101	99
7996557	100	100	101	98
7996558	101	101	101	99
7996559	100	99	101	99
7996560	102	100	101	98
7996561	101	101	101	97
7996562	102	101	100	96
7996563	102	101	100	97
7996564	102	101	100	96
Blank	101	101	101	99
LCS	104	103	101	101
MS	102	103	101	101
MSD	102	102	101	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12

Batch number: 15222A94A

Trifluorotoluene-F

7996547	90
7996549	75
7996550	77
7996552	83
7996553	88
7996557	77
7996558	80
7996562	77
7996563	93
Blank	79
LCS	96
LCSD	96

Limits: 63-135

Analysis Name: NWTPH-Gx water C7-C12

Batch number: 15222B20A

Trifluorotoluene-F

7996545	91
7996546	95
7996548	91
7996551	93
7996554	92
7996556	94
7996560	92
7996561	92
7996564	91
Blank	91
LCS	98
LCSD	96

Limits: 63-135

Analysis Name: NWTPH-Gx water C7-C12

Batch number: 15224A94A

Trifluorotoluene-F

7996555	123
---------	-----

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 08/19/2015 19:16

Group Number: 1582832

Surrogate Quality Control

7996559	84
Blank	78
LCS	95
MS	104
MSD	104

Limits: 63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 152250016A
Orthoterphenyl

7996547	109
7996549	112
7996550	100
7996552	746*
7996553	104
7996557	103
7996558	103
7996559	146
7996562	121
7996563	118
Blank	100
LCS	108
LCSD	109

Limits: 50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 152250017A
Orthoterphenyl

7996545	97
7996546	89
7996548	94
7996551	87
7996554	91
7996555	93
7996556	94
7996560	89
7996561	86
7996564	89
Blank	84
LCS	98
LCSD	88

Limits: 50-150

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Client: ARCADIS

GP09BPNA.WA59

Delivery and Receipt Information

Delivery Method:	<u>SeaTac</u>	Arrival Timestamp:	<u>08/06/2015 9:45</u>
Number of Packages:	<u>4</u>	Number of Projects:	<u>1</u>
State/Province of Origin:	<u>WA</u>		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace \geq 6mm:	Yes
Samples Chilled:	Yes	VOA IDs (\geq 6mm):	See Below
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	2
Samples Intact:	Yes	Trip Blank Type:	HCL
Missing Samples:	No	Air Quality Samples Present:	No
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

VOA Vial IDs (Headspace \geq 6mm): TB-MH-34-08032015

Unpacked by Corey Eshleman (3647) at 10:45 on 08/06/2015

Samples Chilled Details: GP09BPNA.WA59

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.9	DT	Wet	Y	Bagged	N
2	DT121	2.1	DT	Wet	Y	Bagged	N
3	DT121	1.6	DT	Wet	Y	Bagged	N
4	DT121	1.1	DT	Wet	Y	Bagged	N

General Comments: MISSING 1 COOLER. MISSING 2 AMBER LITERS FOR MW-12, MW-30, MW-39, MW-41, AND BD-MH34.

Client: BLAINE TECH

Delivery and Receipt Information

Delivery Method:	<u>SeaTac</u>	Arrival Timestamp:	<u>08/07/2015 9:30</u>
Number of Packages:	<u>1</u>	Number of Projects:	<u>1</u>
State/Province of Origin:	<u>WA</u>		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Corey Eshleman (3647) at 11:07 on 08/07/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	3.5	DT	Wet	N	Bagged	N

General Comments: MISSING COOLER FROM 8/6/15

Explanation of Symbols and Abbreviations

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

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

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and the $<$ Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield c/o ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

November 20, 2015

Project: MH-34

Submittal Date: 11/05/2015
Group Number: 1606782
PO Number: GP09BPNA.WA59
State of Sample Origin: WA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-8-11032015 Grab Water	8120440
MW-12-11032015 Grab Water	8120441
MW-16-11032015 Grab Water	8120442
MW-20-11022015 Grab Water	8120443
MW-25-11022015 Grab Water	8120444
MW-27-11032015 Grab Water	8120445
MW-39-11032015 Grab Water	8120446
MW-40-11032015 Grab Water	8120447
MW-41-11032015 Grab Water	8120448
MH-31-11032015 Grab Water	8120449
MH-32-11032015 Grab Water	8120450
MH-33-11022015 Grab Water	8120451
MH-34-11022015 Grab Water	8120452
BD-MH-34-11032015 Grab Water	8120453

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

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Richard Rodriguez
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ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Ryan Brauchla

COPY TO
ELECTRONIC ARCADIS U.S., Inc.
COPY TO

Attn: Brian Marcum

Respectfully Submitted,



Stacy L. Butt
Specialist

(717) 556-7236

Project Name: MH-34
LL Group #: 1606782

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

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

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:**SW-846 8260B, GC/MS volatiles**

Batch #: T153181AA (Sample number(s): 8120443-8120444, 8120451-8120452 UNSPK: P123628)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Benzene, Toluene, Ethylbenzene

Batch #: T153201AA (Sample number(s): 8120445-8120450, 8120453 UNSPK: P120277)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Benzene, Ethylbenzene, Xylene (Total)

ECY 97-602 NWTPH-Dx modified, GC Petroleum Hydrocarbons w/Si

Sample #s: 8120452

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

Sample Description: MW-8-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120440
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 09:36 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M34M8

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L153201AA	11/16/2015 15:29	Kathrine K Muramatsu	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L153201AA	11/16/2015 15:29	Kathrine K Muramatsu	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 17:01	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 17:01	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180003A	11/17/2015 16:00	Thomas C Wildermuth	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-12-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120441
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 08:44 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3412

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L153201AA	11/16/2015 15:51	Kathrine K Muramatsu	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L153201AA	11/16/2015 15:51	Kathrine K Muramatsu	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 17:28	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 17:28	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180003A	11/17/2015 16:21	Thomas C Wildermuth	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-16-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120442
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 08:19 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3416

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	L153201AA	11/16/2015 16:13	Kathrine K Muramatsu	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L153201AA	11/16/2015 16:13	Kathrine K Muramatsu	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 17:56	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 17:56	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180003A	11/17/2015 16:43	Thomas C Wildermuth	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-20-11022015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120443
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/02/2015 12:59 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3420

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153181AA	11/14/2015 18:39	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153181AA	11/14/2015 18:39	Linda C Pape	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15309B94A	11/10/2015 05:00	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	15309B94A	11/10/2015 05:00	Marie D Beamenderfer	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180003A	11/17/2015 17:05	Thomas C Wildermuth	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-25-11022015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120444
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/02/2015 12:39 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3425

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	96	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153181AA	11/14/2015 19:03	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153181AA	11/14/2015 19:03	Linda C Pape	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15309B94A	11/10/2015 05:26	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	15309B94A	11/10/2015 05:26	Marie D Beamenderfer	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180003A	11/17/2015 17:26	Thomas C Wildermuth	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-27-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120445
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 07:58 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3427

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 18:48	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 18:48	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 18:23	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 18:23	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 11:38	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-39-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120446
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 09:16 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3439

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	8.2	0.50	1.0	1
10335	Ethylbenzene	100-41-4	1.1	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	2.0	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	60 J	28	94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 19:12	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 19:12	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 18:51	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 18:51	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 12:00	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-40-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120447
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 09:55 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3440

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	970	5.0	10	10
10335	Ethylbenzene	100-41-4	180	5.0	10	10
10335	Toluene	108-88-3	130	5.0	10	10
10335	Xylene (Total)	1330-20-7	170	5.0	10	10
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	2,700	250	1,300	5
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	380	28	93	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 19:35	Angela D Sneeringer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 19:35	Angela D Sneeringer	10
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 22:30	Jeremy C Giffin	5
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 22:30	Jeremy C Giffin	5
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 12:43	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-41-11032015 Grab Water
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # WW 8120448
LL Group # 1606782
Account # 13255

Project Name: MH-34

Collected: 11/03/2015 07:46 by CP

Atlantic Richfield c/o ARCADIS
Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3441

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	38	0.50	1.0	1
10335	Ethylbenzene	100-41-4	14	0.50	1.0	1
10335	Toluene	108-88-3	0.91 J	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	1.4	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	370	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	200	30	99	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	250	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 20:22	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 20:22	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 19:18	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 19:18	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 13:26	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-31-11032015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 8120449**
 LL Group # **1606782**
 Account # **13255**

Project Name: **MH-34**

Collected: 11/03/2015 08:15 by CP

Atlantic Richfield c/o ARCADIS
 Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3431

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	0.65 J	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	0.63 J	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	93	1
02211	HRO C24-C40 w/Si Gel	n.a.	160 J	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 20:46	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 20:46	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 19:45	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 19:45	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 12:21	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-32-11032015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 8120450**
 LL Group # **1606782**
 Account # **13255**

Project Name: **MH-34**

Collected: 11/03/2015 08:40 by CP

Atlantic Richfield c/o ARCADIS
 Suite 600

Submitted: 11/05/2015 09:00

630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M3432

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum Hydrocarbons w/Si modified						
	ECY 97-602 NWTPH-Dx		ug/l	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	110	28	93	1
02211	HRO C24-C40 w/Si Gel	n.a.	720	65	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 21:09	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 21:09	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 20:13	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 20:13	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 13:48	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: **MH-33-11022015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 8120451**
 LL Group # **1606782**
 Account # **13255**

Project Name: **MH-34**

Collected: 11/02/2015 13:25 by CP

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 11/05/2015 09:00

Reported: 11/20/2015 16:12

M3433

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles ECY 97-602 NWT PH-Gx						
08273	NWT PH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum ECY 97-602 NWT PH-Dx						
Hydrocarbons w/Si modified						
02211	DRO C12-C24 w/Si Gel	n.a.	270	29	95	1
02211	HRO C24-C40 w/Si Gel	n.a.	540	67	240	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153181AA	11/14/2015 19:26	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153181AA	11/14/2015 19:26	Linda C Pape	1
08273	NWT PH-Gx water C7-C12	ECY 97-602	1	15309B94A	11/10/2015 05:51	Marie D	1
01146	GC VOA Water Prep	NWT PH-Gx				Beamenderfer	
		SW-846 5030B	1	15309B94A	11/10/2015 05:51	Marie D	1
						Beamenderfer	
02211	NWT PH-Dx water w/Si Gel	ECY 97-602	1	153180003A	11/17/2015 17:48	Thomas C	1
		NWT PH-Dx modified				Wildermuth	
02135	Extraction - DRO Water Special	ECY 97-602	1	153180003A	11/15/2015 09:30	David S Schrum	1
		NWT PH-Dx 06/97					

*=This limit was used in the evaluation of the final result

Sample Description: **MH-34-11022015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 8120452**
 LL Group # **1606782**
 Account # **13255**

Project Name: **MH-34**

Collected: 11/02/2015 12:55 by CP

Atlantic Richfield c/o ARCADIS
 Suite 600
 630 Plaza Drive
 Highlands Ranch CO 80129

Submitted: 11/05/2015 09:00

Reported: 11/20/2015 16:12

M3434

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles						
	SW-846 8260B		ug/l	ug/l	ug/l	
10335	Benzene	71-43-2	N.D.	0.50	1.0	1
10335	Ethylbenzene	100-41-4	N.D.	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	N.D.	0.50	1.0	1
GC Volatiles						
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	250	1
GC Petroleum						
	ECY 97-602 NWTTPH-Dx		ug/l	ug/l	ug/l	
Hydrocarbons w/Si modified						
02211	DRO C12-C24 w/Si Gel	n.a.	210,000	6,000	20,000	20
02211	HRO C24-C40 w/Si Gel	n.a.	140,000	14,000	50,000	20
Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153181AA	11/14/2015 19:50	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153181AA	11/14/2015 19:50	Linda C Pape	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	15309B94A	11/09/2015 20:21	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	15309B94A	11/09/2015 20:21	Marie D Beamenderfer	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	153180003A	11/17/2015 18:10	Thomas C Wildermuth	20
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	153180003A	11/15/2015 09:30	David S Schrum	1

*=This limit was used in the evaluation of the final result

Sample Description: **BD-MH-34-11032015 Grab Water**
MH-34
N 6th St & Yakima Vly Hwy- Sunnyside, WA

LL Sample # **WW 8120453**
 LL Group # **1606782**
 Account # **13255**

Project Name: **MH-34**

Collected: 11/03/2015 by CP

Atlantic Richfield c/o ARCADIS

Submitted: 11/05/2015 09:00

Suite 600
 630 Plaza Drive

Reported: 11/20/2015 16:12

Highlands Ranch CO 80129

M34FD

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10335	Benzene	71-43-2	5.0	ug/l 0.50	ug/l 1.0	1
10335	Ethylbenzene	100-41-4	0.67 J	0.50	1.0	1
10335	Toluene	108-88-3	N.D.	0.50	1.0	1
10335	Xylene (Total)	1330-20-7	0.72 J	0.50	1.0	1
GC Volatiles ECY 97-602 NWTPH-Gx						
08273	NWTPH-Gx water C7-C12	n.a.	110 J	ug/l 50	ug/l 250	1
GC Petroleum ECY 97-602 NWTPH-Dx						
Hydrocarbons w/Si modified						
02211	DRO C12-C24 w/Si Gel	n.a.	60 J	ug/l 28	ug/l 94	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	230	1

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX	SW-846 8260B	1	T153201AA	11/16/2015 21:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T153201AA	11/16/2015 21:32	Angela D Sneeringer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	15313B20A	11/10/2015 20:40	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	15313B20A	11/10/2015 20:40	Jeremy C Giffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	153180013A	11/17/2015 13:05	Christine E Dolman	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	153180013A	11/16/2015 11:45	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 11/20/2015 16:12

Group Number: 1606782

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

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: L153201AA	Sample number(s): 8120440-8120442								
Benzene	N.D.	0.50	1.0	ug/l	97	96	78-120	1	30
Ethylbenzene	N.D.	0.50	1.0	ug/l	96	94	78-120	1	30
Toluene	N.D.	0.50	1.0	ug/l	97	95	80-120	2	30
Xylene (Total)	N.D.	0.50	1.0	ug/l	95	93	80-120	1	30
Batch number: T153181AA	Sample number(s): 8120443-8120444, 8120451-8120452								
Benzene	N.D.	0.50	1.0	ug/l	92		78-120		
Ethylbenzene	N.D.	0.50	1.0	ug/l	103		78-120		
Toluene	N.D.	0.50	1.0	ug/l	103		80-120		
Xylene (Total)	N.D.	0.50	1.0	ug/l	95		80-120		
Batch number: T153201AA	Sample number(s): 8120445-8120450, 8120453								
Benzene	N.D.	0.50	1.0	ug/l	92		78-120		
Ethylbenzene	N.D.	0.50	1.0	ug/l	93		78-120		
Toluene	N.D.	0.50	1.0	ug/l	98		80-120		
Xylene (Total)	N.D.	0.50	1.0	ug/l	98		80-120		
Batch number: 15309B94A	Sample number(s): 8120443-8120444, 8120451-8120452								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	89	89	80-123	0	30
Batch number: 15313B20A	Sample number(s): 8120440-8120442, 8120445-8120450, 8120453								
NWTPH-Gx water C7-C12	N.D.	50.	250	ug/l	94	95	80-123	0	30
Batch number: 153180003A	Sample number(s): 8120440-8120444, 8120451-8120452								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	90	85	32-117	6	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					
Batch number: 153180013A	Sample number(s): 8120445-8120450, 8120453								
DRO C12-C24 w/Si Gel	N.D.	30.	100	ug/l	76	85	32-117	11	20
HRO C24-C40 w/Si Gel	N.D.	70.	250	ug/l					

Sample Matrix Quality Control

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

MS MSD MS/MSD RPD BKG DUP DUP Dup RPD

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

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

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 11/20/2015 16:12

Group Number: 1606782

<u>Analysis Name</u>	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Batch number: T153181AA	Sample number(s): 8120443-8120444,8120451-8120452 UNSPK: P123628								
Benzene	123*	96	78-120	24	30				
Ethylbenzene	136*	108	78-120	22	30				
Toluene	132*	105	80-120	22	30				
Xylene (Total)	120	98	80-120	20	30				
Batch number: T153201AA	Sample number(s): 8120445-8120450,8120453 UNSPK: P120277								
Benzene	12 (2)	9 (2)	78-120	0	30				
Ethylbenzene	44 (2)	64 (2)	78-120	3	30				
Toluene	110 (2)	99 (2)	80-120	1	30				
Xylene (Total)	96 (2)	132 (2)	80-120	4	30				

Surrogate Quality Control

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

Analysis Name: VOCs 8260 BTEX
Batch number: L153201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8120440	103	104	97	99
8120441	103	105	97	99
8120442	104	103	97	98
Blank	103	104	97	98
LCS	101	101	98	100
LCSD	103	103	98	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: T153181AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8120443	102	100	108	102
8120444	102	101	108	103
8120451	100	100	107	100
8120452	101	99	109	102
Blank	100	100	109	99
LCS	99	100	111	103
MS	100	102	109	105
MSD	96	99	108	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs 8260 BTEX
Batch number: T153201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8120445	99	102	109	97
8120446	96	105	109	99
8120447	97	103	108	100
8120448	96	104	107	99
8120449	98	103	106	98
8120450	98	104	107	97

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

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

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 11/20/2015 16:12

Group Number: 1606782

Surrogate Quality Control

8120453	101	105	105	97
Blank	97	104	110	96
LCS	97	108	107	101
MS	96	99	108	99
MSD	98	100	106	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 15309B94A
Trifluorotoluene-F

8120443	73
8120444	72
8120451	74
8120452	75
Blank	75
LCS	91
LCSD	90
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 15313B20A
Trifluorotoluene-F

8120440	87
8120441	88
8120442	88
8120445	88
8120446	87
8120447	89
8120448	89
8120449	88
8120450	88
8120453	88
Blank	88
LCS	95
LCSD	96
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 153180003A
Orthoterphenyl

8120440	114
8120441	113
8120442	119
8120443	121
8120444	120
8120451	139
8120452	74
Blank	120
LCS	135
LCSD	128
Limits:	50-150

Analysis Name: NWTPH-Dx water w/Si Gel

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

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

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Atlantic Richfield c/o ARCADIS
Reported: 11/20/2015 16:12

Group Number: 1606782

Surrogate Quality Control

Batch number: 153180013A

Orthoterphenyl

8120445	107
8120446	114
8120447	118
8120448	109
8120449	115
8120450	82
8120453	101
Blank	98
LCS	103
LCSD	112
Limits:	50-150

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

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

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Client: ARCADIS

MH-34

Delivery and Receipt Information

Delivery Method:	<u>SeaTac</u>	Arrival Timestamp:	<u>11/05/2015 9:00</u>
Number of Packages:	<u>6</u>	Number of Projects:	<u>2</u>
State/Province of Origin:	<u>WA</u>		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace \geq 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	HCL
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Corey Eshleman (3647) at 10:25 on 11/05/2015

Samples Chilled Details: MH-34

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.7	DT	Wet	Y	Bagged	N
2	DT121	0.2	DT	Wet	Y	Bagged	N
3	DT121	0.5	DT	Wet	Y	Bagged	N
4	DT121	0.3	DT	Wet	Y	Bagged	N
5	DT121	0.4	DT	Wet	Y	Bagged	N
6	DT121	0.6	DT	Wet	Y	Bagged	N

Explanation of Symbols and Abbreviations

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

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

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value \geq the Method Detection Limit (MDL or DL) and $<$ the Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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

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