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April 30, 2019
Project No. 8006.31.06

Mr. Craig Rankine
Washington State Department of Ecology
PO Box 47775
Olympia, Washington 98504-7775

Re: Summary Submittal for March 2018 through March 2019 Groundwater Monitoring at the Former Park Laundry Property, Ridgefield, Washington

Dear Mr. Rankine:

Maul Foster & Alongi, Inc. (MFA) has prepared this letter on behalf of Union Ridge Investment Company for the former Park Laundry property at 122 North Main Avenue in Ridgefield, Washington (the Property). A remedial investigation and feasibility study (RI/FS) has been performed pursuant to Agreed Order No. DE 6829.[1] This order requires Union Ridge Investment Company to fully characterize the nature and extent of hazardous substances at the Site, to evaluate the potential threats to human health and the environment, and to develop the necessary data to support the assessment of appropriate remedial actions pursuant to the Model Toxics Control Act (MTCA). The Property was historically used by Park Laundry, which conducted dry cleaning operations that resulted in the release of tetrachloroethene (PCE).

For the purposes of this discussion, the Property is defined as the parcel on which Park Laundry formerly operated, and the Site is anywhere contamination associated with the former dry-cleaning operation has migrated (see Figure 1 for the Property boundary).

Since June 2011, MFA has conducted groundwater monitoring to complete characterization of the nature and extent of groundwater contamination at the Site. On February 22, 2019, MFA submitted a draft RI/FS report to the Washington State Department of Ecology (Ecology) for review, which included data collected through September 2016. On March 19, 2018, MFA submitted a letter to Ecology, which included data collected through September 2017.[2]

Per Ecology's request to follow the attached groundwater monitoring schedule (see Table 1) until the remedy is implemented, monitoring was conducted in first quarter (March 2018), third

[1] MFA. Remedial investigation and feasibility study report for Former Park Laundry, Washington State Department of Ecology Agreed Order No. DE 6829. Prepared for Union Ridge Investment Company by Maul Foster & Alongi, Inc., February 22, 2019.

[2] MFA. Letter (re: summary submittal for 2017 groundwater monitoring at the Former Park Laundry Property, Ridgefield, Washington) to C. Rankine, Washington State Department of Ecology, from A. Vidourek and M. D'Andrea, Maul Foster & Alongi, Inc., March 19, 2018.

quarter (September 2018), and first quarter (March 2019). Sampling in March and September corresponds to the seasonal high and low groundwater levels.

Per Ecology's request, Port of Ridgefield monitoring wells MW-29D, MW-45D, MW-46D, and MW-47D were included with the March 2019 sampling event and sampled by MFA.

Below is a summary of the results from the March 2018, September 2018, and March 2019 groundwater monitoring events.

GROUNDWATER MONITORING

Twenty groundwater monitoring wells were installed between June 2011 and April 2013 to complete characterization of the vertical and horizontal extent of groundwater contamination at the Property. Groundwater characterization at the Property has focused on the characterization of PCE and its possible degradation products (e.g., trichloroethene [TCE], cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride). Quarterly groundwater monitoring events were conducted between March 2012 and March 2014. The monitoring schedule was modified in June 2014 and again in September 2016, and currently the wells are monitored either semiannually or every 18 months (see Table 1).

Groundwater monitoring was also conducted in January 2018 and March 2019 in four Port of Ridgefield (the Port) monitoring wells (MW-29D, MW-45D, MW46-D, and MW-47D) to assess the extent of potential impacts from the Site downgradient and northwest of the Property. These wells were sampled by the Port in 2018 and by MFA in 2019.[3] Included in this summary letter are the 2018 and 2019 data from these wells.

Note that the Port monitoring wells have dedicated bladder pumps and tubing installed in each well. To be consistent with groundwater sampling procedures in both Park Laundry and Port of Ridgefield monitoring wells, at least three pore volumes of groundwater were purged from each monitoring well during the March 2019 sampling event until stable water quality parameters were achieved. The primary difference in sampling procedures between the Park Laundry and Port of Ridgefield wells was that samples from Park Laundry wells were collected using a dedicated bailer, while samples from Port of Ridgefield wells were collected using dedicated tubing. Due to the consistency of procedures used in both wells (i.e., purging and parameter stabilization), MFA does not anticipate any issues in data quality. The sampling methods in both cases were designed to obtain groundwater samples representative of in situ groundwater conditions.

[3] MFA. January 2018 groundwater monitoring for former Pacific Wood Treating Co. Site, Port of Ridgefield, Lake River Industrial Site, Agreed Order No. 01TCPSR-3119. Prepared for the Department of Ecology by Maul Foster & Alongi, Inc., May 10, 2018.

HYDROLOGY

The Property is located on an upper terrace, where groundwater flow varies from west to almost due north, forming a groundwater ridge. Groundwater contours mimic topography and become steeper to the west, with the gradient flattening on a lower floodplain terrace (see Figure 1). Groundwater observed in the sand and silty sand (Pleistocene alluvium) of the upper terrace from March 2018 to March 2019 ranged from 3.82 feet below ground surface (bgs) to 12.89 feet bgs and overlies a clay aquitard. Groundwater flow from the upper terrace flows toward groundwater in the lower terrace beneath the Port wells located east of Lake River. Based upon boring logs from the upper terrace, and recent alluvium underlying the Port's property, Railroad Avenue represents a transition from the nonpotable groundwater underlying the upper terrace to the potable aquifer underlying the Port's property.

See Table 2 for groundwater elevation data.

ANALYTICAL RESULTS

See Attachment A for field sampling data sheets from the March 2018, September 2018, and March 2019 sampling events. Table 3 includes a summary of groundwater field parameters. See Attachment B for laboratory analytical reports and the data validation memoranda. Table 4 includes analytical results for select volatile organic compounds. Figure 2 shows the distribution of PCE and/or TCE exceeding MTCA Method A cleanup levels (CULs) for each sampling event, and trend plots for PCE in groundwater are included in Attachment C.

Monitoring wells MW02, MW06, MW07, MW08, MW14, MW17, MW18, MW19, and MW20 had PCE concentrations below MTCA Method A CULs, while the remaining wells that were sampled in 2018 and March 2019 (MW01, MW03, MW04, MW05, MW09, MW10, MW11, MW13, MW15, MW16, and MW21) had PCE detections above MTCA Method A CULs. PCE concentrations in these wells are consistent with previous groundwater monitoring data and do not represent a significant changed condition. Port monitoring well MW-29D had a PCE concentration above the MTCA Method A CULs in January 2018, while Port monitoring wells MW-46D and MW-47D had PCE concentrations above the MTCA Method A CULs in March 2019 (see Figure 2).

Monitoring wells that historically had TCE concentrations below the MTCA Method A CULs remain stable (MW01, MW02, MW07, MW08, MW15, MW16, MW17, MW18, MW19, MW20, and MW21) with concentrations remaining below MTCA Method A CULs. MW03, MW04, MW05, MW06, and MW14 have had TCE exceedances prior to 2017 but are currently stable and below MTCA Method A CULs. MW09, MW10, MW11, and MW13 had TCE detections above MTCA Method A CULs. TCE concentrations in these wells are consistent with previous groundwater monitoring data. Port monitoring wells MW-29D, MW-45D, MW-46D, and MW-47D did not have any TCE detections in January 2018 or March 2019.

CONCLUSIONS AND RECOMMENDATIONS

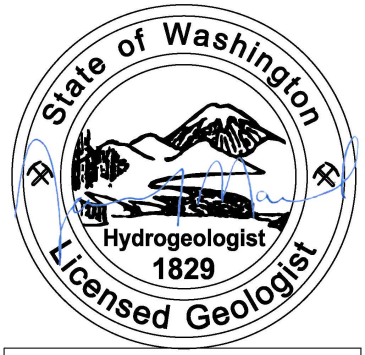
Since June 2011, Site monitoring wells have been monitored to characterize the nature and extent of contamination at the Site. Characterization is now complete, and the draft RI/FS report has been submitted to Ecology. At Ecology's request, MFA continued sampling selected wells semi-annually in March and September, to include Port of Ridgefield monitoring wells MW-29D, MW-45D, MW-46D, and MW-47D during the March 2019 sampling event (see Table 1). Sampling in March and September corresponds to the seasonal high and low groundwater levels.

MFA anticipates the remedy to be implemented during the Fall of 2019, after which the approved compliance monitoring program outlined in the RI/FS will begin.

Please call either of us if you have questions.

Sincerely,

Maul Foster & Alongi, Inc.



Andrew W. Vidourek, LG
Project Geologist

James J. Maul, LHG 4/30/19
Principal Hydrogeologist

Attachments: Limitations
Tables
Figures
A—Field Sampling Data Sheets
B—Laboratory Reports and Data Validation Memoranda
C—Trend Plots for PCE Groundwater Data

cc: Union Ridge Investment Company
Chris Hermann, Stoel Rives LLP
Laurie Olin, Port of Ridgefield
Bryan Kast, City of Ridgefield

LIMITATIONS

The services undertaken in completing this letter were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This letter is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this letter apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this letter.

TABLES

Table 1
Monitoring Schedule
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Monitoring Well	Date of Initial Monitoring Event	Initial Monitoring Frequency	Monitoring Frequency as of June 2014	Monitoring Frequency as of September 2016	Monitoring Frequency as of March 2019
MW01	06/24/2011	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW02	06/24/2011	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW03	06/24/2011	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW04	06/24/2011	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW05	06/24/2011	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW06	06/24/2011	Quarterly	Quarterly	Semiannually	Semiannually
MW07	06/24/2011	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW08	03/16/2012	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW09	03/14/2012	Quarterly	Quarterly	Semiannually	Semiannually
MW10	03/12/2012	Quarterly	Quarterly	Semiannually	Semiannually
MW11	03/13/2012	Quarterly	Quarterly	Semiannually	Semiannually
MW13	03/14/2012	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW14	03/12/2012	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW15	03/15/2012	Quarterly	Quarterly	Semiannually	Semiannually
MW16	03/15/2012	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW17	04/09/2013	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW18	04/10/2013	Quarterly	Quarterly	Every 18 months[a]	Every 18 months[a]
MW19	04/11/2013	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW20	04/12/2013	Quarterly	Semiannually	Every 18 months[a]	Every 18 months[a]
MW21	04/13/2013	Quarterly	Quarterly	Semiannually	Semiannually
MW-29D[b]	10/21/2004	Quarterly	Semiannually	Every 18 months[c]	Semiannually[d]
MW-45D[b]	07/26/2004	Quarterly	Semiannually	Every 18 months[c]	Semiannually[d]
MW-46D[b]	07/27/2004	Quarterly	Semiannually	Every 18 months[c]	Semiannually[d]
MW-47D[b]	07/26/2004	Quarterly	Semiannually	Every 18 months[c]	Semiannually[d]

Table 1
Monitoring Schedule
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

During sampling event, samples from MW05 were duplicated.

Monitoring wells sampled quarterly were sampled in March, June, September, and December.

Monitoring wells sampled semiannually were sampled in March and September.

MW = monitoring well.

[a]Sampled every 18 months in March and September.

[b]Monitoring well sampled by Port of Ridgefield from 2004 through 2018 and by Maul Foster & Alongi in March 2019.

[c]Sampled every 18 months by the Port of Ridgefield.

[d]Sampled every 6 months by Maul Foster & Alongi, per Ecology's request.

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW01	06/24/2011	5.89	85.20	79.31
	03/17/2012	3.11	85.20	82.09
	06/18/2012	5.88	85.20	79.32
	10/03/2012	7.18	85.20	78.02
	11/12/2012	4.71	85.20	80.49
	12/18/2012	2.79	85.20	82.41
	04/04/2013	4.83	85.20	80.37
	06/03/2013	4.93	85.20	80.27
	07/30/2013	6.12	85.20	79.08
	09/24/2013	5.85	85.20	79.35
	12/20/2013	5.19	85.20	80.01
	03/24/2014	4.24	85.20	80.96
	06/23/2014	5.1	85.20	80.10
	09/09/2014	6.57	85.20	78.63
	12/03/2014	4.49	85.20	80.71
	03/03/2015	4.42	85.20	80.78
	06/09/2015	5.01	85.20	80.19
	09/14/2015	7.65	85.20	77.55
	12/21/2015	2.68	85.20	82.52
	03/21/2016	3.72	85.20	81.48
	09/06/2016	7.01	85.20	78.19
	03/28/2017	3.36	85.20	81.84
	09/12/2017	6.92	85.20	78.28
	03/19/2018	4.45	85.20	80.75
	09/12/2018	7.23	85.20	77.97
	03/11/2019	5.02	85.20	80.18
MW02	06/24/2011	5.75	84.78	79.03
	03/17/2012	1.6	84.78	83.18
	06/18/2012	5.28	84.78	79.50
	10/03/2012	7.93	84.78	76.85
	11/12/2012	5.02	84.78	79.76
	12/18/2012	1.55	84.78	83.23
	04/04/2013	5.1	84.78	79.68
	06/03/2013	4.78	84.78	80.00
	07/30/2013	7.11	84.78	77.67
	09/24/2013	5.85	84.78	78.93
	12/20/2013	5.96	84.78	78.82
	03/24/2014	4.18	84.78	80.60
	06/23/2014	5.79	84.78	78.99
	09/09/2014	7.42	84.78	77.36
	12/03/2014	4.86	84.78	79.92
	03/03/2015	4.71	84.78	80.07

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Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW02	06/09/2015	5.87	84.78	78.91
	09/14/2015	7.99	84.78	76.79
	12/21/2015	1.44	84.78	83.34
	03/21/2016	3.82	84.78	80.96
	09/06/2016	7.33	84.78	77.45
	03/28/2017	2.71	84.78	82.07
	09/12/2017	7.71	84.78	77.07
	03/19/2018	4.4	84.78	80.38
	09/12/2018	7.62	84.78	77.16
	03/11/2019	4.98	84.78	79.80
MW03	06/24/2011	6.25	84.70	78.45
	03/17/2012	1.4	84.70	83.30
	06/18/2012	5.89	84.70	78.81
	10/03/2012	8.45	84.70	76.25
	11/12/2012	6.55	84.70	78.15
	12/18/2012	2.45	84.70	82.25
	04/04/2013	9.2	84.70	75.50
	06/03/2013	5.69	84.70	79.01
	07/30/2013	7.45	84.70	77.25
	09/24/2013	7.39	84.70	77.31
	12/20/2013	6.82	84.70	77.88
	03/24/2014	4.89	84.70	79.81
	06/23/2014	6.69	84.70	78.01
	09/09/2014	8.26	84.70	76.44
	12/03/2014	5.95	84.70	78.75
	03/03/2015	3.96	84.70	80.74
	06/09/2015	6.9	84.70	77.80
	09/14/2015	8.79	84.70	75.91
	12/21/2015	2.23	84.70	82.47
	03/21/2016	3.71	84.70	80.99
	09/08/2016	8.20	84.70	76.50
	03/28/2017	2.75	84.70	81.95
	09/12/2017	8.18	84.70	76.52
	03/19/2018	5.19	84.70	79.51
	09/12/2018	8.66	84.70	76.04
	03/11/2019	5.61	84.70	79.09

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Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW04	06/24/2011	5.98	83.05	77.07
	03/17/2012	3.18	83.05	79.87
	06/18/2012	5.62	83.05	77.43
	10/03/2012	7.96	83.05	75.09
	11/12/2012	6.09	83.05	76.96
	12/18/2012	2.93	83.05	80.12
	04/04/2013	5.6	83.05	77.45
	06/04/2013	5.91	83.05	77.14
	07/30/2013	7.22	83.05	75.83
	09/24/2013	6.67	83.05	76.38
	12/20/2013	6.69	83.05	76.36
	03/24/2014	4.89	83.05	78.16
	06/23/2014	6.29	83.05	76.76
	09/09/2014	7.65	83.05	75.40
	12/03/2014	5.74	83.05	77.31
	03/03/2015	5.4	83.05	77.65
	06/09/2015	6.56	83.05	76.49
	09/14/2015	8.24	83.05	74.81
	12/21/2015	2.87	83.05	80.18
	03/21/2016	3.85	83.05	79.20
	09/06/2016	7.68	83.05	75.37
	03/28/2017	3.24	83.05	79.81
	09/12/2017	7.77	83.05	75.28
	03/19/2018	5.11	83.05	77.94
	09/12/2018	8.33	83.05	74.72
	03/11/2019	5.42	83.05	77.63
MW05	06/24/2011	7.46	83.46	76.00
	03/17/2012	6.19	83.46	77.27
	06/18/2012	7.20	83.46	76.26
	10/03/2012	9.56	83.46	73.90
	11/12/2012	8.40	83.46	75.06
	12/18/2012	5.92	83.46	77.54
	04/04/2013	7.46	83.46	76.00
	06/03/2013	7.65	83.46	75.81
	07/30/2013	8.88	83.46	74.58
	09/24/2013	8.57	83.46	74.89
	12/20/2013	8.68	83.46	74.78
	03/24/2014	6.85	83.46	76.61
	06/23/2014	8.09	83.46	75.37
	09/09/2014	9.51	83.46	73.95

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Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW05	12/03/2014	8.19	83.46	75.27
	03/03/2015	7.27	83.46	76.19
	06/09/2015	8.45	83.46	75.01
	09/14/2015	10.13	83.46	73.33
	12/21/2015	5.55	83.46	77.91
	03/21/2016	5.16	83.46	78.30
	09/06/2016	9.42	83.46	74.04
	03/28/2017	4.32	83.46	79.14
	09/12/2017	9.35	83.46	74.11
	03/19/2018	6.87	83.46	76.59
	09/12/2018	10.10	83.46	73.36
	03/11/2019	7.42	83.46	76.04
MW06	06/24/2011	7.96	85.11	77.15
	03/17/2012	7.45	85.11	77.66
	06/18/2012	7.61	85.11	77.50
	10/03/2012	9.78	85.11	75.33
	11/12/2012	9.21	85.11	75.90
	12/18/2012	7.29	85.11	77.82
	04/04/2013	8.58	85.11	76.53
	06/03/2013	9.5	85.11	75.61
	07/30/2013	8.9	85.11	76.21
	09/24/2013	9.21	85.11	75.90
	12/20/2013	9.49	85.11	75.62
	03/24/2014	7.6	85.11	77.51
	06/23/2014	8.64	85.11	76.47
	09/09/2014	9.98	85.11	75.13
	12/03/2014	9.07	85.11	76.04
	03/03/2015	8.15	85.11	76.96
	06/09/2015	9.15	85.11	75.96
	09/14/2015	10.42	85.11	74.69
	12/21/2015	7.88	85.11	77.23
	03/21/2016	6.12	85.11	78.99
	09/06/2016	9.78	85.11	75.33
	03/28/2017	5.68	85.11	79.43
	09/12/2017	9.25	85.11	75.86
	03/19/2018	7.62	85.11	77.49
	09/12/2018	10.14	85.11	74.97
	03/11/2019	8.48	85.11	76.63

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW07	06/24/2011	9.01	82.01	73.00
	03/16/2012	8.85	82.01	73.16
	06/18/2012	8.89	82.01	73.12
	10/03/2012	11.11	82.01	70.90
	11/12/2012	11.4	82.01	70.61
	12/18/2012	9.88	82.01	72.13
	04/04/2013	9.75	82.01	72.26
	06/04/2013	9.88	82.01	72.13
	07/30/2013	10.67	82.01	71.34
	09/24/2013	11.66	82.01	70.35
	12/20/2013	11.75	82.01	70.26
	03/24/2014	9.91	82.01	72.10
	06/23/2014	10	82.01	72.01
	09/09/2014	11.43	82.01	70.58
	12/03/2014	11.94	82.01	70.07
	03/03/2015	9.75	82.01	72.26
	06/09/2015	10.59	82.01	71.42
	09/14/2015	12.26	82.01	69.75
	12/21/2015	10.28	82.01	71.73
	03/21/2016	6.88	82.01	75.13
	09/06/2016	11.19	82.01	70.82
	03/28/2017	5.45	82.01	76.56
	09/12/2017	10.65	82.01	71.36
	03/19/2018	8.93	82.01	73.08
	09/12/2018	11.75	82.01	70.26
	03/11/2019	10.48	82.01	71.53
MW08	03/16/2012	7.21	19.46	12.25
	06/18/2012	6.58	19.46	12.88
	10/03/2012	10.15	19.46	9.31
	11/12/2012	9.83	19.46	9.63
	12/18/2012	7.39	19.46	12.07
	04/04/2013	9	19.46	10.46
	06/02/2013	8.33	19.46	11.13
	07/30/2013	9.9	19.46	9.56
	09/24/2013	10.67	19.46	8.79
	12/20/2013	10.35	19.46	9.11
	03/24/2014	7.95	19.46	11.51
	06/23/2014	8.39	19.46	11.07

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW08	09/09/2014	10.68	19.46	8.78
	12/03/2014	17.09	27.11	10.02
	03/03/2015	16.01	27.11	11.10
	06/09/2015	17.07	27.11	10.04
	09/14/2015	18.75	27.11	8.36
	12/21/2015	14.53	27.11	12.58
	03/21/2016	13.72	27.11	13.39
	09/06/2016	18.12	27.11	8.99
	03/28/2017	10.77	27.11	16.34
	09/12/2017	17.02	27.11	10.09
	03/19/2018	15.36	27.11	11.75
	09/12/2018	18.02	27.11	9.09
	03/11/2019	16.75	27.11	10.36
MW09	03/14/2012	2.87	76.69	73.82
	06/18/2012	5.43	76.69	71.26
	10/03/2012	7.54	76.69	69.15
	11/12/2012	5.59	76.69	71.10
	12/18/2012	2.56	76.69	74.13
	04/04/2013	5.1	76.69	71.59
	06/03/2013	5	76.69	71.69
	07/30/2013	6.87	76.69	69.82
	09/24/2013	6.75	76.69	69.94
	12/20/2013	6.51	76.69	70.18
	03/24/2014	4.53	76.69	72.16
	06/23/2014	6.07	76.69	70.62
	09/09/2014	7.4	76.69	69.29
	12/03/2014	4.71	76.69	71.98
	03/03/2015	4.94	76.69	71.75
	06/09/2015	6.2	76.69	70.49
	09/14/2015	7.85	76.69	68.84
	12/21/2015	2.41	76.69	74.28
	03/21/2016	3.94	76.69	72.75
	09/06/2016	7.27	76.69	69.42
	03/28/2017	3.32	76.69	73.37
	09/12/2017	7.57	76.69	69.12
	03/19/2018	4.39	76.69	72.30
	09/12/2018	7.85	76.69	68.84
	03/11/2019	4.96	76.69	71.73

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW10	03/13/2012	10.71	81.06	70.35
	06/18/2012	9.93	81.06	71.13
	10/03/2012	11.86	81.06	69.20
	11/12/2012	12.25	81.06	68.81
	12/18/2012	11.06	81.06	70.00
	04/04/2013	10.52	81.06	70.54
	06/04/2013	10.95	81.06	70.11
	07/30/2013	11.55	81.06	69.51
	09/24/2013	12.41	81.06	68.65
	12/20/2013	12.73	81.06	68.33
	03/24/2014	10.91	81.06	70.15
	06/23/2014	10.96	81.06	70.10
	09/09/2014	12.2	81.06	68.86
	12/03/2014	12.83	81.06	68.23
	03/03/2015	10.8	81.06	70.26
	06/09/2015	11.49	81.06	69.57
	09/14/2015	12.98	81.06	68.08
	12/21/2015	11.95	81.06	69.11
	03/21/2016	8.07	81.06	72.99
	09/06/2016	11.96	81.06	69.10
	03/28/2017	6.67	81.06	74.39
	09/12/2017	11.5	81.06	69.56
	03/19/2018	10.06	81.06	71.00
	09/12/2018	12.52	81.06	68.54
	03/11/2019	11.8	81.06	69.26
MW11	03/13/2012	9.75	78.00	68.25
	06/18/2012	9.78	78.00	68.22
	10/03/2012	10.91	78.00	67.09
	11/12/2012	10.92	78.00	67.08
	12/20/2012	9.5	78.00	68.50
	04/04/2013	10.68	78.00	67.32
	06/04/2013	11.9	78.00	66.10
	07/30/2013	11.4	78.00	66.60
	09/24/2013	11.12	78.00	66.88
	12/20/2013	11.4	78.00	66.60
	03/24/2014	9.68	78.00	68.32
	06/23/2014	10.13	78.00	67.87
	09/09/2014	10.84	78.00	67.16
	12/03/2014	10.91	78.00	67.09

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW11	03/03/2015	9.83	78.00	68.17
	06/09/2015	10.32	78.00	67.68
	09/14/2015	11.28	78.00	66.72
	12/21/2015	9.06	78.00	68.94
	03/21/2016	8.44	78.00	69.56
	09/06/2016	10.67	78.00	67.33
	03/28/2017	7.98	78.00	70.02
	09/12/2017	10.74	78.00	67.26
	03/19/2018	9.68	78.00	68.32
	09/12/2018	11.2	78.00	66.80
	03/11/2019	10.30	78.00	67.70
MW13	03/14/2012	6.00	74.02	68.02
	06/18/2012	6.93	74.02	67.09
	10/03/2012	8.91	74.02	65.11
	11/12/2012	8.16	74.02	65.86
	12/18/2012	5.42	74.02	68.60
	04/04/2013	7.07	74.02	66.95
	06/04/2013	8.47	74.02	65.55
	07/30/2013	8.72	74.02	65.30
	09/24/2013	8.82	74.02	65.20
	12/20/2013	8.18	74.02	65.84
	03/24/2014	6.58	74.02	67.44
	06/23/2014	7.53	74.02	66.49
	09/09/2014	8.89	74.02	65.13
	12/03/2014	7.97	74.02	66.05
	03/03/2015	6.94	74.02	67.08
	06/09/2015	7.75	74.02	66.27
	09/14/2015	9.71	74.02	64.31
	12/21/2015	5.15	74.02	68.87
	03/21/2016	5.68	74.02	68.34
	09/06/2016	8.73	74.02	65.29
	03/28/2017	5.21	74.02	68.81
	09/12/2017	8.05	74.02	65.97
	03/19/2018	6.64	74.02	67.38
	09/12/2018	9.04	74.02	64.98
	03/11/2019	7.2	74.02	66.82

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW14	03/12/2012	10.74	78.13	67.39
	06/18/2012	8.50	78.13	69.63
	10/03/2012	13.21	78.13	64.92
	11/12/2012	13.92	78.13	64.21
	12/18/2012	11.08	78.13	67.05
	04/04/2013	11.65	78.13	66.48
	06/04/2013	12.11	78.13	66.02
	07/30/2013	12.57	78.13	65.56
	09/24/2013	11.17	78.13	66.96
	12/20/2013	11.84	78.13	66.29
	03/24/2014	10.89	78.13	67.24
	06/23/2014	11.87	78.13	66.26
	09/09/2014	12.94	78.13	65.19
	12/03/2014	10.81	78.13	67.32
	03/03/2015	11.4	78.13	66.73
	06/09/2015	11.89	78.13	66.24
	09/14/2015	13.79	78.13	64.34
	12/21/2015	8.84	78.13	69.29
	03/21/2016	9.49	78.13	68.64
	09/06/2016	12.5	78.13	65.63
	03/28/2017	8.9	78.13	69.23
	09/12/2017	12.58	78.13	65.55
	03/19/2018	10.62	78.13	67.51
	09/12/2018	12.15	78.13	65.98
	03/11/2019	11.07	78.13	67.06
MW15	03/15/2012	38.95	51.45	12.50
	06/18/2012	37.70	51.45	13.75
	10/03/2012	40.80	51.45	10.65
	11/12/2012	40.96	51.45	10.49
	12/18/2012	39.13	51.45	12.32
	04/04/2013	39.95	51.45	11.50
	06/04/2013	39.52	51.45	11.93
	07/30/2013	40.62	51.45	10.83
	09/24/2013	41.74	51.45	9.71
	12/20/2013	41.52	51.45	9.93
	03/24/2014	39.17	51.45	12.28
	06/23/2014	39.48	51.45	11.97
	09/09/2014	41.39	51.45	10.06

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW15	12/03/2014	41.19	51.45	10.26
	03/03/2015	39.38	51.45	12.07
	06/09/2015	40.53	51.45	10.92
	09/14/2015	42.35	51.45	9.10
	12/21/2015	39.11	51.45	12.34
	03/22/2016	37.60	51.45	13.85
	09/06/2016	41.45	51.45	10.00
	03/28/2017	35.45	51.45	16.00
	09/12/2017	43.30	51.45	8.15
	03/19/2018	39.20	51.45	12.25
	09/12/2018	41.62	51.45	9.83
	03/11/2019	39.61	51.45	11.84
MW16	03/15/2012	37.42	50.02	12.60
	06/18/2012	36.14	50.02	13.88
	10/03/2012	39.39	50.02	10.63
	11/12/2012	39.55	50.02	10.47
	12/18/2012	37.59	50.02	12.43
	04/04/2013	38.53	50.02	11.49
	06/04/2013	38.02	50.02	12.00
	07/01/2013	39.21	50.02	10.81
	09/24/2013	40.32	50.02	9.70
	12/20/2013	40.05	50.02	9.97
	03/24/2014	37.72	50.02	12.30
	06/23/2014	38.05	50.02	11.97
	09/09/2014	39.98	50.02	10.04
	12/03/2014	39.74	50.02	10.28
	03/03/2015	37.93	50.02	12.09
	06/09/2015	39.11	50.02	10.91
	09/14/2015	40.95	50.02	9.07
	12/21/2015	37.52	50.02	12.50
	03/21/2016	36.02	50.02	14.00
	09/06/2016	40.07	50.02	9.95
	03/28/2017	33.97	50.02	16.05
	09/12/2017	38.92	50.02	11.10
	03/19/2018	37.78	50.02	12.24
	09/12/2018	40.22	50.02	9.80
	03/11/2019	39.19	50.02	10.83

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW17	04/04/2013	11.08	79.88	68.80
	06/04/2013	11.69	79.88	68.19
	07/30/2013	12.02	79.88	67.86
	09/24/2013	12.84	79.88	67.04
	12/20/2013	13.1	79.88	66.78
	03/24/2014	11.76	79.88	68.12
	06/23/2014	11.55	79.88	68.33
	09/09/2014	12.69	79.88	67.19
	12/03/2014	13.35	79.88	66.53
	03/03/2015	11.49	79.88	68.39
	06/09/2015	12.06	79.88	67.82
	09/14/2015	13.46	79.88	66.42
	12/21/2015	12.35	79.88	67.53
	03/21/2016	8.78	79.88	71.10
	09/06/2016	12.41	79.88	67.47
	03/28/2017	7.27	79.88	72.61
	09/12/2017	9.72	79.88	70.16
	03/19/2018	10.64	79.88	69.24
	09/12/2018	12.89	79.88	66.99
	03/11/2019	12.45	79.88	67.43
MW18	04/04/2013	36.35	80.57	44.22
	06/03/2013	36.54	80.57	44.03
	07/30/2013	36.79	80.57	43.78
	09/24/2013	37.1	80.57	43.47
	12/20/2013	37.65	80.57	42.92
	03/24/2014	37.82	80.57	42.75
	06/23/2014	35.74	80.57	44.83
	09/09/2014	36.47	80.57	44.10
	12/03/2014	37.43	80.57	43.14
	03/03/2015	37.21	80.57	43.36
	06/09/2015	35.78	80.57	44.79
	09/14/2015	37.08	80.57	43.49
	12/21/2015	38.05	80.57	42.52
	03/21/2016	34.48	80.57	46.09
	09/06/2016	35.04	80.57	45.53
	03/28/2017	33.15	80.57	47.42
	09/12/2017	34.26	80.57	46.31
	03/19/2018	35.89	80.57	44.68
	09/12/2018	36.58	80.57	43.99
	03/11/2019	38.29	80.57	42.28

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW19	04/04/2013	36.35	48.09	11.74
	06/04/2013	36.05	48.09	12.04
	07/30/2013	37.03	48.09	11.06
	09/24/2013	38.08	48.09	10.01
	12/20/2013	37.94	48.09	10.15
	03/24/2014	35.57	48.09	12.52
	06/23/2014	35.85	48.09	12.24
	09/09/2014	37.82	48.09	10.27
	12/03/2014	37.56	48.09	10.53
	03/03/2015	35.76	48.09	12.33
	06/09/2015	36.91	48.09	11.18
	09/14/2015	38.71	48.09	9.38
	12/21/2015	35.47	48.09	12.62
	03/21/2016	33.87	48.09	14.22
	09/06/2016	37.82	48.09	10.27
	03/28/2017	31.79	48.09	16.30
	09/12/2017	36.71	48.09	11.38
	03/19/2018	35.57	48.09	12.52
	09/12/2018	38	48.09	10.09
	03/11/2019	36.48	48.09	11.61
MW20	04/04/2013	5.32	74.99	69.67
	06/03/2013	5.36	74.99	69.63
	07/30/2013	5.8	74.99	69.19
	09/24/2013	5.45	74.99	69.54
	12/20/2013	6.22	74.99	68.77
	03/24/2014	5.16	74.99	69.83
	06/23/2014	5.86	74.99	69.13
	09/09/2014	5.93	74.99	69.06
	12/03/2014	5.3	74.99	69.69
	03/03/2015	5.23	74.99	69.76
	06/09/2015	5.15	74.99	69.84
	09/14/2015	5.54	74.99	69.45
	12/21/2015	4.95	74.99	70.04
	03/21/2016	3.73	74.99	71.26
	09/06/2016	3.79	74.99	71.20
	03/28/2017	4.07	74.99	70.92
	09/12/2017	6.42	74.99	68.57
	03/19/2018	5.59	74.99	69.40
	09/12/2018	6.30	74.99	68.69
	03/11/2019	5.62	74.99	69.37

Table 2
Water Level Elevations in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW21	04/04/2013	4.44	84.25	79.81
	06/03/2013	4.89	84.25	79.36
	07/30/2013	6.07	84.25	78.18
	09/24/2013	5.34	84.25	78.91
	12/20/2013	5.15	84.25	79.10
	03/24/2014	3.55	84.25	80.70
	06/23/2014	4.94	84.25	79.31
	09/09/2014	6.65	84.25	77.60
	12/03/2014	4.18	84.25	80.07
	03/03/2015	5.54	84.25	78.71
	06/09/2015	4.95	84.25	79.30
	09/14/2015	7.4	84.25	76.85
	12/21/2015	1.13	84.25	83.12
	03/21/2016	2.75	84.25	81.50
	09/06/2016	6.81	84.25	77.44
	03/28/2017	2.13	84.25	82.12
	03/19/2018	3.82	84.25	80.43
	09/12/2018	7.15	84.25	77.10
	03/11/2019	4.33	84.25	79.92
MW-29D	03/20/2019	15.31	25.42	10.11
MW-45D	03/20/2019	15.68	22.15	6.47
MW-46D	03/20/2019	9.24	14.18	4.94
MW-47D	03/20/2019	12.87	19.56	6.69

NOTES:
bgs = below ground surface.
MSL = mean sea level.
TOC = top of casing.

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW01	MW1-12.5	06/24/2011	12.50	12.50	6.28	208	--	--	11.23
	MW01-031712	03/17/2012	12.95	10.51	6.12	205	1.48	157.0	9.49
	MW01-061812	06/18/2012	12.95	14.25	6.03	187	1.73	149.3	1.57
	MW01-100312	10/03/2012	12.95	18.04	5.99	179	0.76	140.5	3.76
	MW01-121812	12/18/2012	12.95	12.10	6.48	170	0.70	86.0	1.62
	MW01-040413	04/04/2013	12.95	12.28	6.23	175	0.60	148.8	2.81
	MW01-060313	06/03/2013	12.95	14.08	5.92	165	0.58	113.3	0.96
	MW01-092713	09/27/2013	12.95	16.39	5.93	119	1.39	288.0	1.82
	MW01-122313	12/23/2013	12.95	13.13	6.02	146	1.44	207.1	1.47
	MW01-032414	03/24/2014	12.95	12.12	5.8	158	1.45	201.6	1.72
	MW02-090914	09/09/2014	12.95	18.96	5.92	167.3	1.92	102.7	7.57
	MW01-120414	12/04/2014	11.00	15.25	6.54	148	1.93	126.0	5.36
	MW01-030415	03/04/2015	12.95	11.85	6.18	152	1.45	57.8	3.70
	MW01-091615	09/16/2015	12.00	18.84	6.45	154	4.41	100.1	2.71
	MW01-032116	03/21/2016	12.00	12.51	6.43	156	0.79	130.9	1.36
	MW01-090816	09/08/2016	11.00	17.30	6.27	174.8	1.55	207.8	5.49
	MW01-031918	03/19/2018	12.00	12.67	6.17	239	0.67	117.6	2.98
MW02	MW2-14.0	06/24/2011	14.00	12.10	6.68	155	--	--	8.25
	MW02-031712	03/17/2012	14.50	9.95	6.7	92	9.90	102.7	1.42
	MW02-061812	06/18/2012	14.57	12.67	6.27	82	5.79	119.6	5.67
	MW02-100512	10/05/2012	14.57	15.35	6.26	140	2.40	133.6	19.03
	MW02-122012	12/20/2012	14.57	11.82	6.68	68	5.66	122.3	3.43
	MW02-040413	04/04/2013	14.57	11.23	6.46	63	5.35	143.5	9.82
	MW02-060313	06/03/2013	14.57	13.66	6.46	67	1.73	7.4	3.77
	MW02-092713	09/27/2013	14.57	15.51	6.24	85	1.83	0.7	7.69
	MW02-122313	12/23/2013	14.57	13.24	6.14	99	2.30	260.5	7.03
	MW02-032414	03/24/2014	14.57	12.19	6.14	122	3.79	-149.4	2.39

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW02	MW02-090914	09/09/2014	14.57	17.19	6.17	165	2.67	48.5	6.51
	MW02-120514	12/05/2014	14.57	14.74	6.75	113.7	6.73	104.6	6.02
	MW02-030415	03/04/2015	14.57	11.83	6.25	78	6.12	72.1	13.44
	MW02-091615	09/16/2015	13.50	16.90	6.38	160	2.45	90.1	3.97
	MW02-032116	03/21/2016	13.50	11.09	6.10	55	7.82	128.5	3.55
	MW02-090816	09/08/2016	13.00	16.40	6.31	151.4	3.54	237.4	5.95
	MW02-031918	03/19/2018	13.50	11.94	6.47	83	5.29	105.2	9.40
MW03	MW3-15.0	06/24/2011	15.00	10.50	6.31	216	--	--	7.22
	MW03-031712	03/17/2012	15.00	10.68	6.74	215	4.66	109.6	0.72
	MW03-061912	06/19/2012	15.26	11.85	6.18	206	0.64	141.0	0.66
	MW03-100512	10/05/2012	15.26	13.33	6.11	203	0.05	143.0	1.26
	MW03-122012	12/20/2012	15.26	11.83	6.74	212	0.86	112.7	0.37
	MW03-040413	04/04/2013	15.26	11.92	6.67	206	1.32	124.4	0.41
	MW03-060313	06/03/2013	15.26	12.79	6.32	192	0.66	1.6	0.74
	MW03-092713	09/27/2013	15.26	13.16	5.98	155	1.32	310.1	0.83
	MW03-122313	12/23/2013	15.26	12.73	5.91	231	1.10	103.4	0.56
	MW03-032414	03/24/2014	15.26	12.10	5.87	230	1.27	103.9	0.67
	MW03-062314	06/23/2014	15.26	12.75	6.11	223	1.28	60.9	0.30
	MW03-090914	09/09/2014	15.26	13.67	6.13	237	1.64	68.8	0.26
	MW03-120414	12/04/2014	13.00	12.93	5.81	223	1.51	115.7	0.59
	MW03-030415	03/04/2015	15.26	11.90	6.00	210	2.34	98.3	1.98
	MW03-060915	06/09/2015	15.26	13.19	5.26	258	1.34	76.5	1.12
	MW03-091615	09/16/2015	14.00	14.14	6.46	212	1.33	57.0	1.21
	MW03-122115	12/21/2015	14.00	12.90	6.57	208.2	1.98	-116.8	0.23
	MW03-032116	03/21/2016	14.00	11.56	6.23	198	2.99	124.8	0.89
	MW03-090816	09/08/2016	14.00	15.70	6.36	207.6	2.09	177.0	2.67
	MW03-031918	03/19/2018	14.50	13.23	6.43	214	0.87	99.3	2.09

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW04	MW4-16.0	06/24/2011	16.00	11.10	6.80	198	--	--	9.50
	MW04-031712	03/17/2012	16.11	11.63	6.55	258	2.77	133.7	-1.12
	MW04-062112	06/21/2012	16.11	12.88	6.39	204	1.38	101.6	0.80
	MW04-100512	10/05/2012	16.11	16.29	6.31	218	1.51	96.9	1.32
	MW04-122112	12/21/2012	16.11	13.07	7.08	224	2.14	87.9	0.29
	MW04-040513	04/05/2013	16.11	12.27	7.07	214	2.56	102.3	1.78
	MW04-060413	06/04/2013	16.11	13.39	6.39	187	2.22	183.6	0.96
	MW04-092713	09/27/2013	16.11	15.16	6.39	168	3.87	345.2	0.75
	MW04-122413	12/24/2013	16.11	12.90	6.41	188	2.55	189.5	0.88
	MW04-032414	03/24/2014	16.11	13.05	6.39	214	3.41	-201.7	2.19
	MW04-091114	09/11/2014	16.11	16.09	6.26	223	3.66	72.2	0.34
	MW04-120814	12/08/2014	14.00	14.52	6.85	156.7	4.38	215.6	0.88
	MW04-030515	03/05/2015	16.11	12.53	6.64	208	2.87	65.6	0.99
	MW04-091415	09/14/2015	15.00	15.88	6.78	199	3.61	47.3	1.08
	MW04-032316	03/23/2016	15.00	12.82	6.16	161	3.65	111.3	0.00
	MW04-090816	09/08/2016	15.00	15.80	6.52	186.3	3.62	73.4	1.13
	MW04-032118	03/21/2018	15.00	12.32	6.35	210	2.49	160.4	2.94
MW05	MW5-16.5	06/24/2011	16.50	12.80	6.54	214	--	--	10.03
	MW05-031712	03/17/2012	17.13	12.80	6.72	214	4.45	84.0	0.95
	MW05-062112	06/21/2012	17.13	14.35	6.05	205	1.06	121.9	0.24
	MW05-100412	10/04/2012	17.13	15.94	6.4	212	0.92	125.4	6.50
	MW05-122112	12/21/2012	17.13	14.70	6.89	210	1.22	89.4	1.68
	MW05-040513	04/05/2013	17.13	13.93	6.8	205	1.26	109.4	1.16
	MW05-060313	06/03/2013	17.13	15.77	6.43	190	0.80	-0.1	1.60
	MW05-092713	09/27/2013	17.13	16.22	6.27	187	0.90	1.8	0.80
	MW05-122413	12/24/2013	17.13	14.78	6.11	209	1.25	76.7	0.95
	MW05-032414	03/24/2014	17.13	14.64	6.07	210	1.42	62.0	1.36

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Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW05	MW05-062314	06/23/2014	17.13	15.46	6.30	209	1.52	100.2	0.46
	MW05-090914	09/09/2014	17.13	17.83	5.75	212	1.54	49.0	0.92
	MW05-120514	12/05/2014	17.13	16.35	6.81	207	2.00	109.7	1.42
	MW05-030515	03/05/2015	17.13	14.18	6.24	201	1.70	74.6	0.96
	MW05-061115	06/11/2015	17.13	15.05	5.65	215	1.86	122.9	0.62
	MW05-091615	09/16/2015	16.00	17.73	6.49	208	1.39	105.0	0.59
	MW05-122215	12/22/2015	16.00	15.80	6.58	218.3	1.47	-124.8	1.87
	MW05-032116	03/21/2016	16.00	13.78	6.22	206	1.29	126.7	0.45
	MW05-090816	09/08/2016	16.00	17.20	6.35	219.7	0.87	229.3	1.33
	MW05-032118	03/21/2018	16.00	14.24	6.33	224	0.57	116.2	2.79
	MW05-032118-DUP	03/21/2018	16.00	14.24	6.33	224	0.57	116.2	2.79
MW06	MW6-16.0	06/24/2011	16.00	12.30	6.45	225	--	--	9.40
	MW06-031712	03/17/2012	16.32	11.45	6.41	270	6.67	101.0	12.60
	MW06-062012	06/20/2012	16.32	13.90	6.32	235	1.98	99.1	5.80
	MW06-100412	10/04/2012	16.32	17.44	6.33	240	0.91	145.2	1.49
	MW06-122012	12/20/2012	16.32	11.75	6.82	248	1.18	106.5	0.29
	MW06-040513	04/05/2013	16.32	13.55	6.96	235	2.10	113.7	1.78
	MW06-060313	06/03/2013	16.32	17.97	6.31	214	1.47	115.8	1.76
	MW06-092613	09/26/2013	16.32	17.65	6.34	213	2.50	0.9	2.62
	MW06-122413	12/24/2013	16.32	13.14	6.2	215	2.12	210.7	0.72
	MW06-032514	03/25/2014	16.32	12.67	6.07	244	2.55	88.0	0.65
	MW06-062314	06/23/2014	16.32	16.22	6.36	246	2.98	120.9	0.46
	MW06-091114	09/11/2014	16.32	19.43	6.31	253	6.56	6.56	1.72
	MW06-120514	12/05/2014	14.00	13.82	6.15	236	4.17	110.8	2.58
	MW06-030515	03/05/2015	15.26	14.09	6.38	238	3.45	87.3	2.82
	MW06-061015	06/10/2015	16.32	14.95	5.64	249	5.80	192.4	3.11
	MW06-091615	09/16/2015	15.00	16.08	6.49	231	4.73	104.4	3.58

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Field Parameters in Monitoring Wells
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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW06	MW06-122215	12/22/2015	15.00	12.40	6.56	237.9	5.06	135.3	7.74
	MW06-032216	03/22/2016	15.50	11.29	7.10	215	5.16	105.0	9.53
	MW06-090716	09/07/2016	15.50	18.70	6.53	236.9	3.78	199.0	3.93
	MW06-032817	03/28/2017	15.50	13.60	6.51	241.7	3.76	138.3	5.56
	MW06-091317	09/13/2017	15.50	20.80	6.53	237.9	2.62	41.7	6.38
	MW06-032018	03/20/2018	15.00	9.33	6.28	250	4.72	176.5	17.90
	MW06-091318	09/13/2018	15.00	20.10	6.42	231.8	4.10	97.9	1.20
	MW06-031219	03/12/2019	15.00	11.40	5.96	255.7	4.96	954.8	5.06
MW07	MW7-15.0	06/24/2011	15.00	12.10	6.16	185	--	--	8.12
	MW07-031612	03/16/2012	15.62	12.09	6.09	182	6.15	108.2	0.87
	MW07-062012	06/20/2012	15.62	13.71	5.85	131	5.07	143.0	4.12
	MW07-100412	10/04/2012	15.62	17.05	5.85	145	4.49	173.1	4.34
	MW07-121912	12/19/2012	15.62	14.12	6.41	157	4.87	107.8	0.64
	MW07-040913	04/09/2013	15.62	12.46	6.51	158	4.74	149.1	1.84
	MW07-060413	06/04/2013	15.62	14.05	5.84	129	3.74	199.6	0.98
	MW07-092513	09/25/2013	15.62	16.21	5.99	92	4.71	308.4	43.70
	MW07-122413	12/24/2013	15.62	13.19	5.76	117	4.70	176.2	4.57
	MW07-032514	03/25/2014	15.62	13.06	5.82	165	4.65	-165.4	1.58
	MW07-062414	06/24/2014	15.62	14.78	5.45	181	5.45	17.0	0.33
	MW07-090914	09/09/2014	15.62	16.99	4.92	198.3	5.08	109.4	1.22
	MW07-120814	12/08/2014	13.50	15.31	6.86	150.9	8.37	83.5	5.06
	MW07-030615	03/06/2015	15.62	14.05	5.97	189	3.69	41.5	1.21
	MW07-061015	06/10/2015	15.62	15.91	5.93	224	4.75	202.9	0.15
	MW07-091615	09/16/2015	15.00	17.44	6.27	170	5.71	165.5	1.49
	MW07-122215	12/22/2015	14.50	14.90	6.16	214.9	3.44	-92.5	1.48
	MW07-032216	03/22/2016	14.50	13.10	5.74	175	4.13	175.0	0.77
	MW07-090816	09/08/2016	14.00	18.00	6.05	180.1	3.90	36.6	0.74

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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW07	MW07-032118	03/21/2018	14.00	12.85	6.05	129	3.47	150.5	2.66
MW08	MW08-031612	03/16/2012	54.98	12.53	6.55	569	1.48	19.1	2.73
	MW08-061812	06/18/2012	54.98	13.18	6.30	454	0.09	-4.1	0.97
	MW08-100512	10/05/2012	54.98	13.35	6.24	465	0.12	23.2	0.80
	MW08-121812	12/18/2012	54.98	12.39	6.88	495	0.07	-23.6	0.97
	MW08-040813	04/08/2013	54.98	12.90	6.78	460	0.24	48.1	0.55
	MW08-060213	06/02/2013	54.98	12.96	6.37	423	0.27	19.0	0.83
	MW08-092413	09/24/2013	54.98	12.88	6.27	422	0.47	-16.8	0.64
	MW08-122013	12/20/2013	54.98	12.43	6.34	425	0.65	15.1	0.18
	MW08-032714	03/27/2014	54.98	12.73	6.57	517	1.27	-380.1	1.10
	MW08-091014	09/10/2014	54.98	12.84	5.83	485	0.52	42.5	0.51
	MW08-120414	12/04/2014	60.00	11.79	6.79	493	0.40	95.8	0.33
	MW08-030415	03/04/2015	62.52	13.15	6.34	473	0.41	32.1	0.52
	MW08-091415	09/14/2015	61.00	13.10	6.86	447	0.78	74.1	0.00
	MW08-032316	03/23/2016	16.00	12.91	6.04	428	0.57	130.5	0.00
	MW08-090916	09/09/2016	61.00	13.20	6.42	433.9	0.77	148.3	0.67
	MW08-032118	03/21/2018	61.00	12.96	6.48	383	0.56	136.2	3.21
MW09	MW09-031412	03/14/2012	14.61	10.10	6.34	258	1.90	43.2	51.30
	MW09-062012	06/20/2012	14.61	13.75	6.34	292	0.11	18.1	30.61
	MW09-100312	10/03/2012	14.61	15.12	6.19	259	0.11	-11.8	5.90
	MW09-122112	12/21/2012	14.61	13.80	6.84	278	0.19	-18.0	4.79
	MW09-040813	04/08/2013	14.61	12.14	6.8	272	0.13	19.2	5.88
	MW09-060313	06/03/2013	14.61	13.49	6.43	261	0.03	-2.6	3.62
	MW09-092713	09/27/2013	14.61	14.85	6.36	230	0.31	-4.0	3.29
	MW09-122313	12/23/2013	14.61	13.65	6.1	270	0.40	126.8	3.66
	MW09-032714	03/27/2014	14.61	12.32	6.01	275	0.35	33.8	5.91
	MW09-062514	06/25/2014	15.62	13.33	5.86	287	0.11	-126.0	0.26

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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW09	MW09-091114	09/11/2014	14.61	15.80	6.15	267	0.10	-42.6	1.12
	MW09-120814	12/08/2014	12.50	14.72	6.73	259	0.33	48.3	2.38
	MW09-030515	03/05/2015	14.16	13.00	6.19	263	0.13	54.9	0.90
	MW09-061115	06/11/2015	15.62	13.75	6.21	284	0.18	44.5	0.23
	MW09-091415	09/14/2015	13.50	15.99	6.70	238	0.13	-14.9	4.10
	MW09-122215	12/22/2015	13.50	14.40	6.44	249.3	0.18	-31.4	4.00
	MW09-032116	03/21/2016	13.50	12.52	5.85	233	0.21	61.4	1.30
	MW09-090816	09/08/2016	13.00	15.70	6.54	225.4	0.13	-77.8	1.49
	MW09-032817	03/28/2017	13.50	12.20	6.40	237.2	0.16	33.7	2.07
	MW09-091317	09/13/2017	13.50	15.60	6.54	212.2	0.11	45.6	4.12
	MW09-032118	03/21/2018	13.00	12.47	6.28	237	0.16	75.8	3.42
	MW09-091218	09/12/2018	13.50	15.50	6.61	204.3	6.20	-28.8	0.84
	MW09-031119	03/11/2019	13.50	12.50	6.41	273.4	0.14	71.3	3.34
MW10	MW10-031312	03/13/2012	29.53	11.28	6.53	194	1.99	-11.4	3.78
	MW10-062112	06/21/2012	29.53	13.48	6.58	159	0.32	-15.6	3.00
	MW10-100412	10/04/2012	29.53	14.35	6.39	167	0.19	-13.4	1.08
	MW10-121912	12/19/2012	29.53	12.41	7.14	158	0.21	-59.6	0.34
	MW10-040913	04/09/2013	29.53	12.93	7.19	162	1.01	-10.4	0.70
	MW10-060413	06/04/2013	29.53	14.01	6.75	149	0.38	-9.7	1.50
	MW10-092513	09/25/2013	29.53	14.19	6.63	149	0.26	-28.9	1.29
	MW10-122413	12/24/2013	29.53	12.87	6.42	146	1.01	121.5	0.58
	MW10-032514	03/25/2014	29.53	13.25	6.48	159	1.59	-149.8	0.95
	MW10-062414	06/24/2014	29.53	13.81	6.57	170	0.79	-20.7	1.80
	MW10-090914	09/09/2014	29.53	14.21	6.40	175	0.71	-23.2	9.74
	MW10-120814	12/08/2014	27.50	13.48	7.18	181.2	0.65	2.0	2.43
	MW10-030615	03/06/2015	29.53	13.82	6.33	169	0.75	0.9	0.68
	MW10-061015	06/10/2015	29.53	14.03	6.02	179	1.01	39.5	0.36

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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW10	MW10-091715	09/17/2015	29.00	14.13	6.71	168	0.91	15.9	1.17
	MW10-122215	12/22/2015	28.50	13.60	6.73	170.9	1.04	-75.0	0.30
	MW10-032216	03/22/2016	28.50	13.67	6.38	165	1.17	73.4	0.49
	MW10-090816	09/08/2016	28.00	14.50	6.70	179.8	1.18	-60.9	0.72
	MW10-032817	03/28/2017	28.50	13.80	6.68	174	0.91	8.5	1.66
	MW10-091317	09/13/2017	28.50	13.90	6.81	168.9	1.91	35.1	1.28
	MW10-032118	03/21/2018	28.00	13.55	6.66	183	0.50	12.2	2.10
	MW10-091318	09/13/2018	28.00	14.20	6.49	177	0.90	-20.7	0.37
	MW10-031119	03/11/2019	28.00	13.90	6.52	216.5	1.11	63.2	0.69
MW11	MW11-031312	03/13/2012	19.54	11.06	6.01	261	3.99	101.1	0.18
	MW11-062012	06/20/2012	19.54	13.48	6.21	207	3.19	108.7	1.63
	MW11-100512	10/05/2012	19.54	15.41	6.02	210	2.68	138.7	1.94
	MW11-122012	12/20/2012	19.54	12.80	6.75	210	3.40	118.7	0.40
	MW11-040913	04/09/2013	19.54	12.52	7.06	207	3.25	98.9	0.63
	MW11-060413	06/04/2013	19.54	14.56	6.28	183	3.04	77.0	2.33
	MW11-092413	09/24/2013	19.54	14.08	6.08	156	3.67	276.7	0.53
	MW11-122413	12/24/2013	19.54	13.03	6.04	209	4.14	184.0	14.80
	MW11-032714	03/27/2014	19.54	12.64	5.88	221	4.04	112.8	1.32
	MW11-062414	06/24/2014	19.54	13.27	5.75	222	3.37	0.6	0.17
	MW11-091014	09/10/2014	19.54	14.16	6.04	232	3.41	83.6	5.56
	MW11-120914	12/09/2014	17.50	14.05	6.72	225	5.43	94.0	2.73
	MW11-030615	03/06/2015	19.54	13.56	5.95	222	4.20	96.4	6.31
	MW11-061015	06/10/2015	19.54	13.87	6.32	231	3.80	181.9	1.51
	MW11-091515	09/15/2015	19.00	14.43	6.33	218	4.41	119.2	2.92
	MW11-122315	12/23/2015	18.50	13.80	6.37	224.1	5.50	131.9	1.70
	MW11-032216	03/22/2016	18.50	12.79	6.13	217	4.25	172.0	1.95
	MW11-090816	09/08/2016	18.00	14.80	6.35	227.0	3.71	275.0	4.29

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Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW11	MW11-032817	03/28/2017	18.50	12.80	6.41	219.1	3.51	129.5	3.04
	MW11-091317	09/13/2017	18.50	13.90	6.4	219.7	1.42	82.7	1.51
	MW11-032018	03/20/2018	18.50	13.79	6.42	219	3.54	59.7	4.79
	MW11-091218	09/12/2018	18.00	14.60	6.30	210.8	6.70	103.7	2.50
	MW11-031119	03/11/2019	18.00	12.80	6.08	220.5	3.68	930.6	1.90
MW13	MW13-031412	03/14/2012	19.45	12.50	6.44	249	2.96	149.6	10.37
	MW13-062112	06/21/2012	19.45	14.45	6.43	242	1.67	90.2	7.28
	MW13-100712	10/07/2012	19.45	15.92	6.28	250	1.94	142.9	2.35
	MW13-122012	12/20/2012	19.45	14.22	6.93	255	2.11	113.1	0.94
	MW13-040913	04/09/2013	19.45	13.80	7.16	255	2.41	94.3	1.00
	MW13-060413	06/04/2013	19.45	15.57	6.49	241	1.95	13.3	0.64
	MW13-092513	09/25/2013	19.45	15.50	6.35	238	2.30	-12.5	1.22
	MW13-122413	12/24/2013	19.45	13.99	6.16	269	2.84	133.9	1.64
	MW13-032714	03/27/2014	19.45	14.03	6.20	276	2.91	-230.6	1.28
	MW13-062414	06/24/2014	19.45	14.45	6.36	277	2.58	132.7	0.93
	MW13-091014	09/10/2014	19.45	15.98	6.14	288	3.38	64.0	2.24
	MW13-120914	12/09/2014	17.50	15.13	6.82	276	3.39	57.4	1.05
	MW13-030615	03/06/2015	19.45	15.14	6.31	278	2.05	46.8	0.47
	MW13-061015	06/10/2015	19.45	15.20	6.08	291	2.80	72.7	1.86
	MW13-091515	09/15/2015	18.50	16.16	6.42	278	3.10	97.1	0.00
	MW13-122315	12/23/2015	18.50	15.10	6.55	297.7	3.64	-85.2	0.01
	MW13-032216	03/22/2016	18.50	14.42	6.31	300	2.66	166.9	0.00
	MW13-090716	09/07/2016	18.50	16.90	6.45	300.1	2.66	185.9	0.73
	MW13-032018	03/20/2018	18.50	14.85	6.33	330	2.49	120.7	3.60

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW14	MW14-031212	03/12/2012	21.81	11.86	6.34	160	1.71	114.5	0.28
	MW14-062012	06/20/2012	21.81	14.05	6.15	204	0.99	116.3	6.12
	MW14-100312	10/03/2012	21.81	16.18	6.14	180	0.44	116.6	0.73
	MW14-121912	12/19/2012	21.81	13.37	6.64	165	1.32	71.1	0.21
	MW14-040913	04/09/2013	21.81	13.45	6.89	165	2.12	90.7	0.74
	MW14-060413	06/04/2013	21.81	14.72	6.21	176	1.13	17.8	1.50
	MW14-092713	09/27/2013	21.81	14.73	6.08	133	1.40	287.7	0.85
	MW14-122313	12/23/2013	21.81	14.59	6.1	162	1.21	157.3	1.74
	MW14-032714	03/27/2014	21.81	13.97	6.10	175	1.32	-279.4	0.71
	MW14-062514	06/25/2014	21.81	14.39	5.75	211	0.33	-122.7	3.15
	MW14-091114	09/11/2014	21.81	15.59	5.82	181.5	0.22	74.8	72.40
	MW14-120814	12/08/2014	20.00	15.43	6.58	183.4	0.34	102.9	5.76
	MW14-030515	03/05/2015	21.81	14.63	6.12	202	0.51	70.3	12.06
	MW14-061115	06/11/2015	21.81	14.32	5.56	208	0.36	124.0	6.93
	MW14-091715	09/17/2015	21.00	17.21	6.25	138	0.21	34.1	11.76
	MW14-122215	12/22/2015	20.00	14.00	6.22	171.6	0.17	93.6	13.5
	MW14-032116	03/21/2016	20.00	13.47	5.75	148	0.41	121.7	6.35
	MW14-090716	09/07/2016	20.00	16.00	6.21	130.0	0.08	182.8	2.76
	MW14-032118	03/21/2018	19.00	13.75	6.23	131.0	1.52	105.3	4.51
MW15	MW15-031512	03/15/2012	64.95	14.91	6.45	209	2.09	119.8	7.41
	MW15-061912	06/19/2012	64.95	13.81	6.16	200	5.53	136.4	2.38
	MW15-100712	10/07/2012	64.95	13.41	6.22	205	4.52	138.3	4.85
	MW15-122112	12/21/2012	64.95	13.53	6.57	192	5.30	74.5	2.32
	MW15-041013	04/10/2013	64.95	14.55	7.24	199	4.17	70.5	0.95
	MW15-060413	06/04/2013	64.95	13.75	6.34	177	3.88	69.7	3.16
	MW15-092413	09/24/2013	64.95	14.53	6.02	181	4.86	-14.2	2.87

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW15	MW15-122013	12/20/2013	64.95	13.60	6.37	176	2.85	129.1	0.90
	MW15-032514	03/25/2014	64.95	13.86	6.20	181	4.64	-185.6	0.66
	MW15-062414	06/24/2014	64.95	14.00	5.94	178	5.95	-22.4	0.18
	MW15-091014	09/10/2014	64.95	14.37	5.13	193	7.11	97.4	1.27
	MW15-120314	12/03/2014	64.95	14.17	6.02	180	6.93	136.6	2.10
	MW15-030515	03/05/2015	64.95	14.48	6.14	177	4.32	97.4	1.08
	MW15-060915	06/09/2015	64.95	14.91	5.5	189	6.33	101.2	4.54
	MW15-091515	09/15/2015	64.00	14.63	6.52	178	6.62	53.5	0.01
	MW15-122115	12/21/2015	64.00	14.10	6.32	177.5	8.90	71.7	0.51
	MW15-032216	03/22/2016	63.50	14.35	5.94	174	6.60	125.3	0.05
	MW15-090916	09/09/2016	63.50	15.30	6.29	185.8	6.50	209.8	0.86
	MW15-032817	03/28/2017	64.00	14.00	6.26	207	6.70	81.6	1.15
	MW15-091317	09/13/2017	64.00	16.00	6.33	195.8	2.96	87.5	0.93
	MW15-032018	03/20/2018	63.00	15.23	6.11	211	5.36	126.8	1.53
	MW15-091318	09/13/2018	62.00	15.90	6.19	187.8	5.50	106.1	0.60
	MW15-031219	03/12/2019	62.00	14.90	6	242.1	5.87	169.1	1.09
MW16	MW16-031512	03/15/2012	64.53	13.07	6.42	212	3.84	128.2	5.87
	MW16-061912	06/19/2012	64.53	13.30	6.01	210	4.22	138.9	5.37
	MW16-100712	10/07/2012	64.53	15.06	6.31	216	3.93	135.8	50.58
	MW16-122112	12/21/2012	64.53	13.14	6.57	195	5.87	98.6	4.14
	MW16-041013	04/10/2013	64.53	14.70	7.13	188	4.83	79.0	3.72
	MW16-060413	06/04/2013	64.53	13.73	6.17	167	5.24	70.9	2.87
	MW16-092413	09/24/2013	64.53	13.99	5.7	187	5.19	-4.0	4.16
	MW16-122013	12/20/2013	64.53	13.20	6.2	177	4.26	175.2	1.27
	MW16-032514	03/25/2014	64.53	13.44	6.16	197	4.84	-193.2	1.71
	MW16-062414	06/24/2014	64.53	13.72	5.56	192	5.93	6.7	0.40
	MW16-091014	09/10/2014	64.53	14.15	5.68	204	6.57	64.2	1.08

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW16	MW16-120314	12/03/2014	64.53	14.05	5.73	193	6.93	149.7	3.46
	MW16-030515	03/05/2015	63.50	14.07	6.01	193	4.02	95.2	2.09
	MW16-060915	06/09/2015	64.53	15.00	5.73	208	5.15	96.0	1.95
	MW16-091515	09/15/2015	63.50	14.77	6.46	189	5.69	158.7	0.12
	MW16-122115	12/21/2015	63.00	13.70	6.13	204.1	7.89	75.3	0.30
	MW16-032216	03/22/2016	63.50	14.14	5.60	192	6.11	126.6	0.43
	MW16-090916	09/09/2016	63.50	14.60	6.22	209.1	5.77	236.1	0.72
	MW16-032018	03/20/2018	62.50	14.72	6.15	216	5.49	137.2	3.59
MW17	MW17-040913	04/09/2013	33.25	13.48	7.46	252	0.03	-78.3	0.79
	MW17-060413	06/04/2013	33.25	13.69	6.57	220	0.13	-61.5	7.55
	MW17-092613	09/26/2013	33.25	13.67	6.61	230	0.21	-28.2	2.10
	MW17-122313	12/23/2013	33.25	13.21	6.39	231	0.12	114.0	0.67
	MW17-032714	03/27/2014	33.25	13.74	6.6	270	0.17	-367.1	0.70
	MW17-091114	09/11/2014	33.25	16.59	6.31	273	0.05	-86.0	0.98
	MW17-120914	12/09/2014	31.00	13.14	7.11	271	0.09	-6.3	1.36
	MW17-030615	03/06/2015	32.00	13.46	6.58	265	0.00	-25.4	0.45
	MW17-091715	09/17/2015	32.50	14.09	6.71	267	0.06	-24.4	0.23
	MW17-032216	03/22/2016	32.00	13.94	6.08	250	0.11	-23.3	0.02
	MW17-090716	09/07/2016	32.00	13.90	6.71	276.7	0.09	-45.0	0.80
	MW17-032118	03/21/2018	32.00	13.81	6.72	248	0.10	-49.2	4.89
MW18	MW18-041013	04/10/2013	43.16	12.36	7.1	206	6.46	105.9	5.30
	MW18-060313	06/03/2013	43.16	12.99	6.01	182	5.88	149.9	334.90
	MW18-092713	09/27/2013	43.16	12.80	6.36	188	3.58	-0.5	N/A
	MW18-122313	12/23/2013	43.16	11.44	6.6	193	4.18	147.6	33.70
	MW18-032714	03/27/2014	43.16	--	--	--	--	--	--
	MW18-062414	06/24/2014	43.16	--	--	--	--	--	--
	MW18-091014	09/10/2014	43.16	14.06	6.38	235	6.56	47.6	--

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW18	MW18-120414	12/04/2014	41.00	10.42	5.64	214	6.08	161.0	2.87
	MW18-030515	03/05/2015	43.16	--	--	--	--	--	--
	MW18-061015	06/10/2015	43.16	--	--	--	--	--	--
	MW18-091615	09/16/2015	42.00	15.20	6.41	238	5.44	109.7	0.45
	MW18-122215	12/22/2015	42.00	11.40	6.25	228.4	6.36	160.5	0.92
	MW18-032216	03/22/2016	42.00	11.81	7.23	190	7.05	126.0	2.23
	MW18-090716	09/07/2016	42.00	15.80	6.15	201.2	3.93	232.9	1.53
	MW18-032018	03/20/2018	42.00	12.46	6.23	193.0	6.45	97.4	3.95
MW19	MW19-041013	04/10/2013	63.00	18.15	7.54	242	0.53	-230.1	25.60
	MW19-060413	06/04/2013	63.00	17.79	6.97	226	0.13	-88.8	4.43
	MW19-092413	09/24/2013	63.00	18.61	6.97	276	0.10	-52.4	1.55
	MW19-122013	12/20/2013	63.00	17.75	6.89	284	0.11	18.6	1.34
	MW19-032614	03/26/2014	63.00	18.06	6.94	312	0.21	-83.7	2.78
	MW19-091114	09/11/2014	63.00	18.14	6.61	292	0.14	-109.7	0.31
	MW19-120514	12/05/2014	63.00	17.59	7.27	268	0.22	-27.8	0.97
	MW19-030615	03/06/2015	63.00	17.91	6.78	269	0.05	10.4	0.82
	MW19-091515	09/15/2015	62.00	18.09	7.26	274	0.10	-44.0	3.39
	MW19-032216	03/22/2016	62.00	17.73	6.69	258	0.17	89.3	0.10
	MW19-090916	09/09/2016	62.00	18.30	6.96	289.2	0.03	23.3	0.53
	MW19-032018	03/20/2018	62.00	17.84	6.88	191	0.35	99.1	3.67
MW20	MW20-040913	04/09/2013	9.67	12.84	6.07	333	0.75	49.6	34.50
	MW20-060313	06/03/2013	9.67	17.28	5.77	288	0.66	40.5	78.04
	MW20-092713	09/27/2013	9.67	19.78	5.79	311	0.45	5.1	271.60
	MW20-122013	12/24/2013	9.67	12.05	5.36	284	3.30	133.0	45.80
	MW20-032714	03/27/2014	9.67	12.59	5.4	277	1.15	119.7	62.33
	MW20-091014	09/10/2014	9.67	20.37	5.57	297	1.01	129.0	617.10
	MW20-120514	12/05/2014	9.67	14.85	5.45	255	3.77	122.3	348.90

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth[a] (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential[b]	Turbidity
MW20	MW20-030615	03/06/2015	9.67	12.99	5.62	272	1.85	112.4	--
	MW20-091615	09/16/2015	8.50	19.75	6.03	260	2.79	105.1	32.20
	MW20-032216	03/22/2016	8.50	11.47	6.03	179	4.65	132.5	25.2
	MW20-090716	09/07/2016	9.00	21.70	6.67	235.3	2.56	208.9	40.0
	MW20-032018	03/20/2018	8.50	8.92	6.1	228	3.71	113.1	13.7
MW21	MW21-040813	04/08/2013	13.10	12.26	6.79	195	1.24	80.7	1.55
	MW21-060313	06/03/2013	13.10	13.98	6.26	168	0.59	70.7	1.95
	MW21-092713	09/27/2013	13.10	15.40	6.16	186	0.45	4.9	1.38
	MW21-122313	12/23/2013	13.10	13.15	5.93	223	1.27	125.2	1.29
	MW21-032414	03/24/2014	13.10	12.50	5.94	222	2.70	91.7	2.58
	MW21-062314	06/23/2014	13.10	14.57	5.86	211	0.90	18.1	3.16
	MW21-090914	09/09/2014	13.10	16.36	5.13	216	0.71	97.6	9.28
	MW21-120514	12/05/2014	11.00	14.63	5.88	196	2.31	103.6	6.82
	MW21-030415	03/04/2015	13.10	12.34	6.11	187	0.61	83.8	1.08
	MW21-060915	06/09/2015	13.10	14.12	6.05	183	0.33	134.1	2.03
	MW21-091615	09/16/2015	12.00	17.93	6.44	172	2.18	95.4	2.48
	MW21-122115	12/21/2015	12.00	13.70	6.32	176.9	2.74	38.1	2.30
	MW21-032116	03/21/2016	12.00	11.94	5.86	153	5.33	119.3	1.25
	MW21-090816	09/08/2016	12.00	17.80	6.32	168.4	1.69	-48.8	2.10
	MW21-032817	03/28/2017	12.00	11.10	6.11	135	0.87	140.4	2.16
	MW21-031918	03/19/2018	12.00	12.78	6.02	331	0.14	106.2	3.10
	MW21-091218	09/12/2018	12.00	16.70	6.19	280.1	3.10	94.6	1.4
	MW21-031119	03/11/2019	12.00	11.50	5.89	390.6	0.71	188.8	1.45
MW-29D	MW29D-032019	03/20/2019	54.00	13.50	6.02	650	0.30	180.0	1.04
MW-45D	MW45D-032019	03/20/2019	48.00	14.00	6.22	519.4	0.08	194.1	0.74
MW-46D	MW46D-032019	03/20/2019	48.00	13.80	6.02	442.9	3.13	200.6	1.4
MW-47D	MW47D-03/20/19	03/20/2019	49.00	14.10	5.92	599	0.86	180.2	1.4

Table 3
Field Parameters in Monitoring Wells
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

NOTES:
-- = not measured.
°C = degrees Celsius.
bgs = below ground surface.
mg/L = milligrams per liter.
N/A = not applicable.
redox = reduction/oxidation.
uS/cm = microsiemens per centimeter.
[a]Sample depth approximately 1 foot from bottom of well.
[b]Redox potential values for 3/27/2014 may be estimated.

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW01	MW1-12.5	06/24/2011	12.95	--	1.0 U	--	--	1.0 U	**19.5**	1.0 U	1.0 U	1.0 U
	MW01_031712	03/17/2012	12.95	--	0.0964 U	--	--	0.154 U	**8.38**	0.149 U	0.087 U	0.165 U
	MW01-061812	06/18/2012	12.95	--	1.0 U	--	--	1.0 U	**16.2**	1.0 U	1.0 U	1.0 U
	MW01-100312	10/03/2012	12.95	--	1.0 U	--	--	0.10 J	**11.2**	0.083 U	1.0	0.155 U
	MW01-121812	12/18/2012	12.95	--	1.0 U	--	--	0.81 J	**7.26**	0.16 UJ	0.39 J	0.155 U
	MW01-040413	04/04/2013	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**8.72**	0.083 U	0.087 U	0.155 U
	MW01-060313	06/03/2013	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**9.67**	0.083 U	0.087 U	0.155 U
	MW01-092713	09/27/2013	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**5.44**	0.083 U	1.0 U	3.29
	MW01-122313	12/23/2013	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**5.05**	0.083 U	1.0 U	3.29
	MW01-032414	03/24/2014	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.087 U	0.155 U
	MW01-090914	09/09/2014	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.44 J	0.155 U
	MW01-120414	12/04/2014	12.95	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	0.81 J	0.038 U	0.047 U	0.076 U
	MW01-030415	03/04/2015	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	2.0 U	0.083 U	0.087 U	0.155 U
	MW01-091615	09/16/2015	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	1.42	0.083 U	0.087 U	0.155 U
	MW01-032116	03/21/2016	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**32.1**	0.083 U	0.37 J	0.155 U
	MW01-090816	09/08/2016	12.95	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**9.98**	0.083 U	0.087 U	0.155 U
	MW01-20180319-GW	03/19/2018	12.95	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**29.7**	0.038 U	0.047 U	0.076 U
MW02	MW2-14.0	06/24/2011	14.57	--	1.0 U	0.087 U	--	1.0 U	**8.84**	1.0 U	1.0 U	1.0 U
	MW2_031712	03/17/2012	14.57	--	1.0 U	0.087 U	--	0.154 U	0.88 J	0.149 U	0.087 U	0.165 U
	MW02-061812	06/18/2012	14.57	--	1.0 U	0.087 U	--	1.0 U	**9.37**	1.0 U	1.0 U	1.0 U
	MW02-100512	10/05/2012	14.57	--	1.0 U	0.087 U	--	0.16 J	**14.2**	1.0 U	0.69 J	0.155 U
	MW02-122012	12/20/2012	14.57	--	1.0 U	0.087 U	--	0.54 J	**11.8**	1.0 U	0.087 U	0.155 U
	MW02-040413	04/04/2013	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	1.0 UJ	1.0 U	0.087 U	0.155 U
	MW02-060313	06/03/2013	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	0.32 J	1.0 U	0.087 U	0.155 U
	MW02-092713	09/27/2013	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	1.0 U	1.0 U	0.087 U	0.155 U
	MW02-122313	12/23/2013	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	MW02-032414	03/24/2014	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW02-090914	09/09/2014	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	4.82	1.0 U	0.087 U	**0.37 J**
	MW02-120514	12/05/2014	14.57	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	0.14 J	1.0 U	0.047 U	0.076 U
	MW02-030415	03/04/2015	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	0.17 U	1.0 U	0.087 U	0.155 U
	MW02-091615	09/16/2015	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	1.01	1.0 U	0.087 U	0.155 U
	MW02-032116	03/21/2016	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	0.26 J	1.0 U	0.087 U	0.155 U
	MW02-090816	09/08/2016	14.57	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	2.29	1.0 U	0.087 U	0.155 U
	MW02-20180319-GW	03/19/2018	14.57	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	0.058 U	1.0 U	0.047 U	0.076 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW03	MW3-15.0	06/24/2011	15.26	--	1.0 U	0.087 U	--	1.0 U	**12500**	1.0 U	3.47	1.0 U
	MW3_031712	03/17/2012	15.26	--	1.0 U	0.087 U	--	0.154 U	**3510**	1.0 U	1.34	0.165 U
	MW03-061912	06/19/2012	15.26	--	1.0 U	0.087 U	--	1.04	**2250**	1.0 U	2.77	1.0 U
	MW03_100512	10/05/2012	15.26	--	0.096 U	0.087 U	--	3.08	**2390**	1.0 U	**9.15**	0.155 U
	MW03-122012	12/20/2012	15.26	--	0.0964 U	0.087 U	--	1.0	**1120**	1.0 U	2.24	0.155 U
	MW03-122012-DUP	12/20/2012	15.26	--	0.14 J	0.087 U	--	0.94 J	**974**	1.0 U	2.02	0.155 U
	MW03-040413	04/04/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.61 J	**532**	1.0 U	1.92	0.155 U
	MW03-060313	06/03/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.52 J	**653**	1.0 U	1.91	0.155 U
	MW03-092713	09/27/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**1390**	1.0 U	1.95	0.155 U
	MW03-122313	12/23/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**11700**	1.0 U	3.19	1.0 U
	MW03-032414	03/24/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**8840**	1.0 U	3.75	0.155 U
	MW03-062314	06/23/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**6650**	1.0 U	2.81	0.155 U
	MW03-090914	09/09/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**8500**	1.0 U	2.6	0.155 U
	MW03-120414	12/04/2014	15.26	0.025 U	0.069 U	0.087 U	0.123 U	1.0 U	**2900**	1.0 U	2.63	0.076 U
	MW03-030415	03/04/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**5640**	1.0 U	3.32	0.155 U
	MW03-060915	06/09/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**16500**	1.0 U	1.82	0.155 U
	MW03-091615	09/16/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**8710**	1.0 U	1.95	0.155 U
	MW03-122115	12/21/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**4970**	1.0 U	2.7	0.155 U
	MW03-032116	03/21/2016	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**4900**	1.0 U	1.73	0.155 U
	MW03-090816	09/08/2016	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**2450**	1.0 U	0.087 U	0.155 U
	MW03-20180319-GW	03/19/2018	15.26	0.025 U	0.069 U	0.087 U	0.123 U	1.0 U	**4080**	1.0 U	2.4	0.076 U
MW04	MW4-16.0	06/24/2011	16.11	--	1.0 U	0.087 U	--	1.0 U	**226**	1.0 U	**13.9**	1.0 U
	MW4-16-DUP	06/24/2011	16.11	--	1.0 U	0.087 U	--	1.0 U	**216**	1.0 U	**15.8**	1.0 U
	MW04_031712	03/17/2012	16.11	--	1.0 U	0.087 U	--	1.0 U	**63.6**	1.0 U	3.83	0.165 U
	MW04-062112	06/21/2012	16.11	--	1.0 U	0.087 U	--	1.0 U	**21.6**	1.0 U	1.0 U	1.0 U
	MW04_100512	10/05/2012	16.11	--	0.096 U	0.087 U	--	0.1 J	**24.4**	1.0 U	0.087 U	0.155 U
	MW04-122112	12/21/2012	16.11	--	0.22 UJ	0.087 U	--	0.75 J	**21.5**	1.0 U	1.75	0.155 U
	MW04-040513	04/05/2013	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**19**	1.0 U	1.34	0.155 U
	MW04-060413	06/04/2013	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**29.2**	1.0 U	0.087 U	0.155 U
	MW04-092713	09/27/2013	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**21.7**	1.0 U	0.087 U	0.155 U
	MW04-122413	12/24/2013	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**13.4**	1.0 U	1.0 U	1.0 U
	MW04-032414	03/24/2014	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**12.8**	1.0 U	0.95	0.155 U
	MW04-091114	09/11/2014	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**17**	1.0 U	0.82 J	0.155 U
	MW04-120814	12/08/2014	16.11	0.025 U	0.069 U	0.087 U	0.123 U	1.0 U	**6.96**	1.0 U	0.047 U	0.076 U
	MW04-030515	03/05/2015	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**11.6**	1.0 U	0.91 J	0.155 U
	MW04-091415	09/14/2015	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**11.9**	1.0 U	0.44 J	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW04	MW04-032316	03/23/2016	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**35.4**	1.0 U	3.1	0.155 U
	MW04-090816	09/08/2016	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**18.4**	1.0 U	1.39	0.155 U
	MW04-20180321-GW	03/21/2018	16.11	0.025 U	0.069 U	0.087 U	0.123 U	1.0 U	**120**	1.0 U	1.58	0.076 U
MW05	MW5-16.5	06/24/2011	17.13	--	1.0 U	0.087 U	--	1.0 U	**2240**	1.0 U	3.61	1.0 U
	MW05_031712	03/17/2012	17.13	--	1.0 U	0.087 U	--	1.0 U	**1520**	1.0 U	2.22	0.165 U
	MW05-062112	06/21/2012	17.13	--	1.0 U	0.087 U	--	1.0 U	**1380**	1.0 U	**5.89**	1.0 U
	MW05-100412	10/04/2012	17.13	--	1.0 U	0.087 U	--	0.27 J	**2400 J**	1.0 U	2.63	0.155 U
	MWDUP-100412	10/04/2012	17.13	--	1.0 U	0.087 U	--	0.24 J	**1400 J**	1.0 U	2.44	0.155 U
	MW05-122112	12/21/2012	17.13	--	1.0 U	0.087 U	--	0.8 J	**1030**	1.0 U	3.29	0.155 U
	MW05-040513	04/05/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.14 J	**2330**	1.0 U	4.07	0.155 U
	MW05-040513-Dup	04/05/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.12 J	**1740**	1.0 U	3.32	0.155 U
	MW05-060313	06/03/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.16 J	**950 J**	1.0 U	2.53	0.155 U
	MW05-060313-DUP	06/03/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.18 J	**1790 J**	1.0 U	2.7	0.155 U
	MW05-092713	09/27/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**624 J**	1.0 U	2.63	0.155 U
	MW05-092713-DUP	09/27/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1270 J**	1.0 U	3.92	0.155 U
	MW05-122413	12/24/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**1790**	1.0 U	3.98	1.0 U
	MW05-122413-DUP	12/24/2013	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**1740**	1.0 U	3.55	1.0 U
	MW05-032414	03/24/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.25	**1960**	1.0 U	4.64	0.155 U
	MW05-032414-DUP	03/24/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1790**	1.0 U	**5.87**	0.155 U
	MW05-062314	06/23/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.16 J	**1220**	1.0 U	3.66	0.155 U
	MW05-062314-DUP	06/23/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.22 J	**1300**	1.0 U	3.89	0.155 U
	MW05-090914	09/09/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1470**	1.0 U	2.72	0.155 U
	MW05-090914-DUP	09/09/2014	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1490**	1.0 U	2.65	0.155 U
	MW05-120514	12/05/2014	17.13	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**427**	1.0 U	2.66	0.076 U
	MW05-120514-DUP	12/05/2014	17.13	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**426**	1.0 U	2.85	0.076 U
	MW05-030515	03/05/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1460**	1.0 U	**6.41**	0.155 U
	MW05-030515-DUP	03/05/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1540**	1.0 U	**5.83**	0.155 U
	MW05-061115	06/11/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**890**	1.0 U	3.79	0.155 U
	MW05-061115-DUP	06/11/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**865**	1.0 U	3.14	0.155 U
	MW05-091615	09/16/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**832**	1.0 U	2.28	0.155 U
	MW05-091615-DUP	09/16/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**846**	1.0 U	2.1	0.155 U
	MW05-122215	12/22/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1270**	1.0 U	2.35	0.155 U
	MW05-122215-DUP	12/22/2015	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1250**	1.0 U	2.41	0.155 U
	MW05-032116	03/21/2016	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1090**	1.0 U	3.97	0.155 U
	MW05-032116-DUP	03/21/2016	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**1040**	1.0 U	3.69	0.155 U
	MW05-090816	09/08/2016	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**971**	1.0 U	3.01	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW05	MW05-090816-DUP	09/08/2016	17.13	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**895**	1.0 U	2.68	0.155 U
	MW05-20180321-GW	03/21/2018	17.13	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**1290**	1.0 U	1.8	0.076 U
	MW05-DUP-20180321-GW	03/21/2018	17.13	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**1450**	1.0 U	1.82	0.076 U
MW06	MW6-16.0	06/24/2011	16.32	--	1.0 U	0.087 U	--	1.31	3.77	1.0 U	**19.1**	1.0 U
	MW06_031712	03/17/2012	16.32	--	1.0 U	0.087 U	--	1.08	4.03	1.0 U	**11.1**	0.165 U
	MW06-062012	06/20/2012	16.32	--	1.0 U	0.087 U	--	1.0 U	2.79	1.0 U	**9.84**	1.0 U
	MW06-100412	10/04/2012	16.32	--	0.13 J	0.087 U	--	0.96 J	4.31	1.0 U	**6.26**	0.155 U
	MW06-122012	12/20/2012	16.32	--	0.0964 U	0.087 U	--	1.3	2.14	1.0 U	4.49	0.155 U
	MW06-040513	04/05/2013	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.07	2.65	1.0 U	**7.41**	0.155 U
	MW06-060313	06/03/2013	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.1	3.92	1.0 U	**6.61**	0.155 U
	MW06-092613	09/26/2013	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	3	**5.6**	1.0 U	**12.1**	0.155 U
	MW06-122413	12/24/2013	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.53	4.83	1.0 U	**8.11**	1.0 U
	MW06-032514	03/25/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.29	2.39	1.0 U	**7.29**	0.155 U
	MW06-062314	06/23/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.61	2.77	1.0 U	**8.94**	0.155 U
	MW06-091114	09/11/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	0.7 J	2.24	1.0 U	**5.72**	0.155 U
	MW06-120514	12/05/2014	16.32	0.025 U	0.069 U	0.087 U	0.123 U	2.32	1.46	1.0 U	**8.92**	0.076 U
	MW06-030515	03/05/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.13	2.52 U	1.0 U	**12.7**	0.155 U
	MW06-061015	06/10/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.68	2.78	1.0 U	**7.98**	0.155 U
	MW06-091615	09/16/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.09	2.71	1.0 U	**6.32**	0.155 U
	MW06-122215	12/22/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.66	2.54	1.0 U	**6.36**	0.155 U
	MW06-032216	03/22/2016	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.04	1.95	1.0 U	**6.65**	0.155 U
	MW06-090716	09/07/2016	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.29	1.0 U	4.53	0.155 U
	MW06-032817	03/28/2017	16.32	0.025 U	0.069 U	0.087 U	0.123 U	0.54 J	0.91 J	1.0 U	1.43	0.076 U
	MW06-091317	09/13/2017	16.32	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.07	1.0 U	1.43	0.076 U
	MW06-032018	03/20/2018	16.32	0.025 U	0.069 U	0.087 U	0.123 U	3.69	2.7	1.0 U	2.46	0.076 U
	MW06-091318	09/13/2018	16.32	0.025 U	0.069 U	0.087 U	0.123 U	1.24	1.12	1.0 U	1.87	0.076 U
	MW06-031219	03/12/2019	16.32	0.025 U	0.069 U	0.025 U	0.123 U	2.4	0.93 J	0.31 J	**2.68**	0.076 U
MW07	MW7-15.0	06/24/2011	15.62	--	1.0 U	0.087 U	--	1.0 U	**11.7**	1.0 U	1.0 U	1.0 U
	MW07_031612	03/16/2012	15.62	--	1.0 U	0.087 U	--	1.0 U	**6.11**	1.0 U	0.087 U	0.165 U
	MW07-062012	06/20/2012	15.62	--	1.0 U	0.087 U	--	1.0 U	**12.3**	1.0 U	1.0 U	1.0 U
	MW07-100412	10/04/2012	15.62	--	1.0 U	0.087 U	--	0.13 J	**50.5**	1.0 U	0.1 J	0.155 U
	MW07-121912	12/19/2012	15.62	--	1.0 U	0.087 U	--	0.55 J	**10.2**	1.0 U	0.087 U	0.155 U
	MW07-040913	04/09/2013	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**8.9**	1.0 U	0.1 J	0.155 U
	MW07-060413	06/04/2013	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**12.7**	1.0 U	0.087 U	0.155 U
	MW07-092513	09/25/2013	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**126**	1.0 U	0.087 U	0.155 U
	MW07-122413	12/24/2013	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**108**	1.0 U	1.0 U	1.0 U
	MW07-032514	03/25/2014	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**11.7**	1.0 U	0.087 U	0.155 U
	MW07-062414	06/24/2014	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	3.12	1.0 U	0.087 U	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW07	MW07-090914	09/09/2014	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**17.9**	1.0 U	0.087 U	0.155 U
	MW07-120814	12/08/2014	15.62	0.025 U	1.0 U	0.087 U	0.123 U	1.0 U	**37.9**	1.0 U	0.047 U	0.076 U
	MW07-030615	03/06/2015	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	4.85	1.0 U	0.087 U	0.155 U
	MW07-061015	06/10/2015	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	2.22	1.0 U	0.087 U	0.155 U
	MW07-091615	09/16/2015	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**35**	1.0 U	0.087 U	0.155 U
	MW07-122215	12/22/2015	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	3.73	1.0 U	0.087 U	0.155 U
	MW07-032216	03/22/2016	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	0.61 J	1.0 U	0.087 U	0.155 U
	MW07-090816	09/08/2016	15.62	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	1.72	1.0 U	0.087 U	0.155 U
	MW07-032118	03/21/2018	15.62	0.025 U	1.0 U	0.087 U	0.123 U	1.0 U	0.67 J	1.0 U	0.047 U	0.076 U
MW08	MW08_031612	03/16/2012	54.98	--	1.0 U	0.087 U	--	1.0 U	0.158 U	1.0 U	0.087 U	0.165 U
	MW08-061812	06/18/2012	54.98	--	1.0 U	0.087 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	MW08_100512	10/05/2012	54.98	--	0.096 U	0.087 U	--	0.13 J	**68.8**	1.0 U	0.56 J	0.155 U
	MW08-121812	12/18/2012	54.98	--	0.16 J	0.087 U	--	0.64 J	0.0672 U	1.0 U	0.087 U	0.155 U
	MW08-040813	04/08/2013	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 UJ	1.0 U	0.087 U	0.155 U
	MW08-060213	06/02/2013	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW08-092413	09/24/2013	54.98	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1.0 UJ	1.0 UJ	1.0 U	0.087 UJ	0.155 UJ
	MW08-122013	12/20/2013	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	1.0 U	1.0 U	1.0 U
	MW08-032714	03/27/2014	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	1.0 U	0.087 U	0.155 U
	MW08-091014	09/10/2014	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.13	1.0 U	0.44 J	0.155 U
	MW08-120414	12/04/2014	62.52	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1.0 U	0.047 U	0.076 U
	MW08-030415	03/04/2015	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.37 U	1.0 U	0.087 U	0.155 U
	MW08-091415	09/14/2015	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW08-032316	03/23/2016	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW08-090916	09/09/2016	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.36 J	1.0 U	0.087 U	0.155 U
	MW08-032118	03/21/2018	62.52	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1.0 U	0.047 U	0.076 U
MW09	MW09_031412	03/14/2012	14.61	--	0.0964 U	0.087 U	--	0.48 J	**53.9**	1.0 U	**62.6**	0.165 U
	MW09-062012	06/20/2012	14.61	--	1.0 U	0.087 U	--	1.0 U	**52.4**	1.0 U	**99.8**	1.0 U
	MW09-100312	10/03/2012	14.61	--	0.24 J	0.087 U	--	0.75 J	**128**	1.0 U	**150**	0.190 J
	MW09-121912	12/21/2012	14.61	--	0.22 UJ	0.087 U	--	0.77 J	**33.7**	1.0 U	**44.2**	0.155 U
	MW09-040813	04/08/2013	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.23 J	**34.7**	1.0 U	**55**	0.155 U
	MW09-060313	06/03/2013	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.43 J	**62.1**	1.0 U	**93.4**	0.155 U
	MW09-092713	09/27/2013	14.61	0.0851 U	0.19 J	0.087 U	0.203 U	1	**90.9**	1.0 U	**148**	0.155 U
	MW09-122313	12/23/2013	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**29.9**	1.0 U	**64.4**	1.0 U
	MW09-032714	03/27/2014	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**9.12**	1.0 U	**18.3**	0.155 U
	MW09-062514	06/25/2014	14.61	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.26 J	**32.3 J**	1.0 U	**63.1 J**	0.155 UR
	MW09-091114	09/11/2014	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**62.3**	1.0 U	**101**	0.155 U
	MW09-120814	12/08/2014	14.61	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**22.7**	1.0 U	**80.2**	0.076 U
	MW09-030515	03/05/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**25.5**	1.0 U	**75.5**	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW09	MW09-061115	06/11/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**48.4**	1.0 U	**85.3**	0.155 U
	MW09-091415	09/14/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.49 J	**71.4**	1.0 U	**104**	0.155 U
	MW09-122215	12/22/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**23.6**	1.0 U	**39.8**	0.155 U
	MW09-032116	03/21/2016	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**25.4**	1.0 U	**69**	0.155 U
	MW09-090816	09/08/2016	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**31.3**	1.0 U	**115**	0.155 U
	MW09-032817	03/28/2017	14.61	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**8.26**	1.0 U	**30.9**	0.076 U
	MW09-091317	09/13/2017	14.61	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**28.5**	1.0 U	**93.1**	0.076 U
	MW09-032118	03/21/2018	14.61	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**16.7**	1.0 U	**70.7**	0.076 U
	MW09-091218	09/12/2018	14.61	0.025 U	0.069 U	0.087 U	0.123 U	1.22	**36.3**	1.0 U	**110**	0.076 U
	MW09-031119	03/11/2019	14.61	0.025 U	0.069 U	0.025 U	0.123 U	0.76 J	**16.3**	0.038 U	**89.6**	0.076 U
MW10	MW10_031312	03/13/2012	29.53	--	0.0964 U	0.087 U	--	0.154 U	**76.6**	1.0 U	**17.4**	0.165 U
	MW10-062112	06/21/2012	29.53	--	1.0 U	0.087 U	--	1.0 U	**65.5**	1.0 U	**31.8**	1.0 U
	MW10-100412	10/04/2012	29.53	--	0.14 J	0.087 U	--	0.32 J	**93.1**	1.0 U	**24.7**	0.155 U
	MW10-121912	12/19/2012	29.53	--	0.0964 U	0.087 U	--	1.07	**37.7**	1.0 U	**21.1**	0.155 U
	MW10-040913	04/09/2013	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**83.1**	1.0 U	**17.9**	0.155 U
	MW10-060413	06/04/2013	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**101**	1.0 U	**32.2**	0.155 U
	MW10-092513	09/25/2013	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**135**	1.0 U	**33.1**	0.155 U
	MW10-122413	12/24/2013	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**75.4**	1.0 U	**18.9**	1.0 U
	MW10-032514	03/25/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**74.2**	1.0 U	**12.4**	0.155 U
	MW10-062414	06/24/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.18 J	**83.6**	1.0 U	**41**	0.155 U
	MW10-090914	09/09/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**82.2**	1.0 U	**35.7**	0.23 J
	MW10-120814	12/08/2014	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**54.5**	1.0 U	**45.4**	0.076 U
	MW10-030615	03/06/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**62.4**	1.0 U	**24.6**	0.155 U
	MW10-061015	06/10/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**75.5**	1.0 U	**16.3**	0.155 U
	MW10-091715	09/17/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**85.9**	1.0 U	**19.5**	0.155 U
	MW10-122215	12/22/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**77.8**	1.0 U	**12.6**	0.155 U
	MW10-032216	03/22/2016	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**59.6**	1.0 U	**24.1**	0.155 U
	MW10-090816	09/08/2016	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**61.2**	1.0 U	**85.1**	0.155 U
	MW10-032817	03/28/2017	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**27.8**	1.0 U	**29.2**	0.076 U
	MW10-032817-DUP	03/28/2017	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**32.7**	1.0 U	**25.6**	0.076 U
	MW10-091317	09/13/2017	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.36 J	**57.3**	1.0 U	**56.8**	0.076 U
	MW10-091317-DUP	09/13/2017	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.48 J	**69.9**	1.0 U	**72.5**	0.076 U
	MW10-032118	03/21/2018	29.53	0.025 U	0.069 U	0.087 U	0.123 U	1.3	**89.2**	1.0 U	**64.2**	0.076 U
	MW10-091318	09/13/2018	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.75 J	**100**	1.0 U	**65.7**	0.076 U
	MW10-091318-DUP	09/13/2018	29.53	0.025 U	0.069 U	0.087 U	0.123 U	0.77 J	**109**	1.0 U	**62.6**	0.076 U
	MW10-031119	03/11/2019	29.53	0.025 U	0.069 U	0.025 U	0.123 U	1.42	**93.7**	0.038 U	**114**	0.076 U
	MW10-031119-DUP	03/11/2019	29.53	0.025 U	0.069 U	0.025 U	0.123 U	1.27	**93**	0.038 U	**100**	0.076 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW11	MW11_031312	03/13/2012	19.54	--	0.0964 U	0.087 U	--	0.154 U	**32.9**	1.0 U	1.49	0.165 U
	MW11-062012	06/20/2012	19.54	--	1.0 U	0.087 U	--	1.0 U	**26.4**	1.0 U	3.17	1.0 U
	MW11_100512	10/05/2012	19.54	--	1.0 U	0.087 U	--	0.18 J	**26.8**	1.0 U	0.87 J	0.155 U
	MW11-122012	12/20/2012	19.54	--	1.0 U	0.087 U	--	0.6 J	**13.1**	1.0 U	0.61 J	0.155 U
	MW11-040913	04/09/2013	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**34.8**	1.0 U	1.99	0.155 U
	MW11-060413	06/04/2013	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**49.8**	1.0 U	3.56	0.155 U
	MW11-092413	09/24/2013	19.54	0.0851 UJ	1.0 U	0.087 UJ	0.203 UJ	1.0 UJ	**34.1 J**	1.0 U	1.72 J	0.155 UJ
	MW11-122413	12/24/2013	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**17.0**	1.0 U	1.0 U	1.0 U
	MW11-032714	03/27/2014	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**27.1**	1.0 U	2.58	0.155 U
	MW11-062414	06/24/2014	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**22**	1.0 U	1.33	0.155 U
	MW11-091014	09/10/2014	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**18.4**	1.0 U	1.09	0.155 U
	MW11-120914	12/09/2014	19.54	0.025 U	1.0 U	0.025 U	0.123 U	0.045 U	**23.5**	1.0 U	**6.79**	0.076 U
	MW11-030615	03/06/2015	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**33.6**	1.0 U	**11.3**	0.155 U
	MW11-061015	06/10/2015	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**42.8**	1.0 U	4.9	0.155 U
	MW11-091515	09/15/2015	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**43**	1.0 U	**5.9**	0.155 U
	MW11-122315	12/23/2015	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**21.9**	1.0 U	2.56	0.155 U
	MW11-032216	03/22/2016	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**27.5**	1.0 U	**8.32**	0.155 U
	MW11-090816	09/08/2016	19.54	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**20.5**	1.0 U	**7.19**	0.155 U
	MW11-032817	03/28/2017	19.54	0.025 U	1.0 U	0.025 U	0.123 U	0.045 U	**16.8**	1.0 U	**9.64**	0.076 U
	MW11-091317	09/13/2017	19.54	0.025 U	1.0 U	0.025 U	0.123 U	0.045 U	**18.5**	1.0 U	3.46	0.076 U
	MW11-032018	03/20/2018	19.54	0.025 U	1.0 U	0.025 U	0.123 U	0.045 U	**27.1**	1.0 U	**6.33**	0.076 U
	MW11-091218	09/12/2018	19.54	0.025 U	1.0 U	0.025 U	0.123 U	0.045 U	**19.2**	1.0 U	**5.43**	0.076 U
	MW11-031119	03/11/2019	19.54	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**14.5**	0.038 U	**4.47**	0.076 U
MW13	MW13_031412	03/14/2012	19.45	--	1.0 U	--	--	2.01	**447**	1.0 U	**65.4**	0.165 U
	MW13-062112	06/21/2012	19.45	--	1.0 U	--	--	3.69	**251**	1.0 U	**117**	1.0 U
	MW13_100712	10/07/2012	19.45	--	1.0 U	--	--	0.4 J	**176**	1.0 U	**13.1**	0.155 U
	MW13-122012	12/20/2012	19.45	--	1.0 U	--	--	0.92 J	**146**	1.0 U	**11.3**	0.155 U
	MW13-040913	04/09/2013	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**948**	1.0 U	**32.5**	0.155 U
	MW13-060413	06/04/2013	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.39 J	**114**	1.0 U	**21**	0.155 U
	MW13-092513	09/25/2013	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	3.36	**105 J**	1.0 U	**80.2**	0.155 U
	MW13-122413	12/24/2013	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	1.0 U	**151**	1.0 U	**11.2**	1.0 U
	MW13-032714	03/27/2014	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.34	**259**	1.0 U	**25.6**	0.155 U
	MW13-062414	06/24/2014	19.45	0.0851 UR	1.0 U	0.087 U	0.203 UR	1.34 J	**159 J**	1.0 U	**53.2 J**	0.155 UR
	MW13-091014	09/10/2014	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**111**	1.0 U	**13.9**	0.155 U
	MW13-120914	12/09/2014	19.45	0.025 U	1.0 U	0.087 U	0.123 U	0.045 U	**201**	1.0 U	**43.2**	0.076 U
	MW13-030615	03/06/2015	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	1.3	**834**	1.0 U	**95.8**	0.155 U
	MW13-061015	06/10/2015	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	1.91	**459**	1.0 U	**123**	0.155 U
	MW13-091515	09/15/2015	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.37 J	**179**	1.0 U	**19.6**	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW13	MW13-122315	12/23/2015	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.97 J	**341**	1.0 U	**58.4**	0.155 U
	MW13-032216	03/22/2016	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	1.64	**422**	1.0 U	**66.2**	0.155 U
	MW13-090716	09/07/2016	19.45	0.0851 U	1.0 U	0.087 U	0.203 U	0.066 U	**251**	1.0 U	**33.8**	0.155 U
	MW13-032018	03/20/2018	19.45	0.025 U	1.0 U	0.087 U	0.123 U	4.93	**361**	1.0 U	**71.3**	0.076 U
MW14	MW14_031212	03/12/2012	21.81	--	1.0 U	0.087 U	--	0.154 U	**74.4**	1.0 U	**40.8**	0.165 U
	MW14-062012	06/20/2012	21.81	--	1.0 U	0.087 U	--	1.0 U	**15.8**	1.0 U	**7.31**	1.0 U
	MW14-100312	10/03/2012	21.81	--	0.096 U	0.087 U	--	0.20 J	1.17	1.0 U	0.34 J	0.155 U
	MW14-121912	12/19/2012	21.81	--	0.11 J	0.087 U	--	0.53 UJ	0.44 J	1.0 U	0.087 U	0.155 U
	MW14-040913	04/09/2013	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.29	1.0 U	1.1	0.155 U
	MW14-060413	06/04/2013	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.14	1.0 U	0.087 U	0.155 U
	MW14-092713	09/27/2013	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	1.0 U	1.0 U	1.0 U	0.155 U
	MW14-122313	12/23/2013	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**15.9**	1.0 U	1.86	1.0 U
	MW14-032714	03/27/2014	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.12	1.0 U	0.52	0.155 U
	MW14-062514	06/25/2014	21.81	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	0.45 J	1.0 U	0.3 J	0.155 UR
	MW14-091114	09/11/2014	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW14-120814	12/08/2014	21.81	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.29 J	1.0 U	0.047 U	0.076 U
	MW14-030515	03/05/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.88 U	1.0 U	0.087 U	0.155 U
	MW14-061115	06/11/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	1.0 U	0.087 U	0.155 U
	MW14-091715	09/17/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.62	1.0 U	0.087 U	0.155 U
	MW14-122215	12/22/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.4	1.0 U	0.087 U	0.155 U
	MW14-032116	03/21/2016	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.47 J	1.0 U	0.087 U	0.155 U
	MW14-090716	09/07/2016	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1.0 U	0.087 U	0.155 U
	MW14-032118	03/21/2018	21.81	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1.0 U	0.047 U	0.076 U
MW15	MW15_031512	03/15/2012	64.95	--	0.0964 U	0.087 U	--	0.154 U	**6.89**	1.0 U	0.45 J	0.165 U
	MW15-061912	06/19/2012	64.95	--	1.0 U	0.087 U	--	1.0 U	**9.84 J**	1.0 U	1.0 U	1.0 U
	MW15_100712	10/07/2012	64.95	--	0.096 U	0.087 U	--	0.066 U	**17.1**	1.0 U	0.52 J	0.155 U
	MW15-122112	12/21/2012	64.95	--	0.22 UJ	0.087 U	--	0.64 UJ	**13**	1.0 U	0.97 J	0.155 U
	MW15-041013	04/10/2013	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**10.5**	1.0 U	0.087 U	0.155 U
	MW15-060413	06/04/2013	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.5**	1.0 U	0.087 U	0.155 U
	MW15-092413	09/24/2013	64.95	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1.46 J	**32.4 J**	1.0 U	1.0 UJ	0.155 UJ
	MW15-122013	12/20/2013	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**18**	1.0 U	1.0 U	1.0 U
	MW15-032514	03/25/2014	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**13.1**	1.0 U	0.63	0.155 U
	MW15-062414	06/24/2014	64.95	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	**10.1 J**	1.0 U	0.45 J	0.155 UR
	MW15-091014	09/10/2014	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.1**	1.0 U	0.42 J	0.155 U
	MW15-120314	12/03/2014	64.95	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	4.62	1.0 U	0.047 U	0.076 U
	MW15-030515	03/05/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11**	1.0 U	0.087 U	0.155 U
	MW15-060915	06/09/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**8.24**	1.0 U	0.42 J	0.155 U
	MW15-091515	09/15/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.9**	1.0 U	0.32 J	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW15	MW15-122115	12/21/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**10.6**	1.0 U	0.087 U	0.155 U
	MW15-032216	03/22/2016	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**10.6**	1.0 U	0.083 J	0.155 U
	MW15-090916	09/09/2016	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**6.81**	1.0 U	0.087 U	0.155 U
	MW15-032817	03/28/2017	64.95	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**5.58**	1.0 U	0.58 J	0.076 U
	MW15-091317	09/13/2017	64.95	0.025 U	0.069 U	0.087 U	0.123 U	0.48 J	**9.94**	1.0 U	0.6 J	0.076 U
	MW15-032018	03/20/2018	64.95	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**13.6**	1.0 U	0.047 U	0.076 U
	MW15-091318	09/13/2018	64.95	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	**14.6**	1.0 U	0.43 J	0.076 U
	MW15-031219	03/12/2019	64.95	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**10.4**	0.038 U	0.52 J	0.076 U
MW16	MW16_031512	03/15/2012	64.53	--	0.0964 U	0.087 U	--	0.154 U	**7.1**	1.0 U	0.68 J	0.165 U
	MW16-061912	06/19/2012	64.53	--	1.0 U	0.087 U	--	1.0 U	**7.77**	1.0 U	1.0 U	1.0 U
	MW16_100712	10/07/2012	64.53	--	0.096 U	0.087 U	--	0.066 U	**17.2**	0.083 U	0.36 J	0.155 U
	MW16-122112	12/21/2012	64.53	--	0.31 J	0.087 U	--	0.64 UJ	**9.04**	0.25 UJ	0.91 J	0.155 U
	MW16-041013	04/10/2013	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**7.68**	0.083 U	0.087 U	0.155 U
	MW16-060413	06/04/2013	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**9.21**	0.083 U	0.61 J	0.155 U
	MW16-092413	09/24/2013	64.53	0.11 J	0.0964 UJ	0.087 U	0.203 UJ	0.066 U	**13.9 J**	0.16 J	1.21 J	1.57 J
	MW16-122013	12/20/2013	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.6**	0.083 U	1.0 U	1.0 U
	MW16-032514	03/25/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.5**	0.083 U	1.35	0.155 U
	MW16-062414	06/24/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**9.79**	0.083 U	1.17	0.155 U
	MW16-091014	09/10/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**8.68**	0.083 U	0.94 J	0.155 U
	MW16-120314	12/03/2014	64.53	0.025 U	0.069 U	0.087 U	0.123 U	0.066 U	**5.1**	0.038 U	0.8 J	0.076 U
	MW16-030515	03/05/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**11.4**	0.083 U	1.75	0.155 U
	MW16-060915	06/09/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**12**	0.083 U	1.0	0.155 U
	MW16-091515	09/15/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**13.4**	0.083 U	0.75 J	0.155 U
	MW16-122115	12/21/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**13.7**	0.083 U	1.15	0.155 U
	MW16-032216	03/22/2016	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**12**	0.083 U	1.36	0.155 U
	MW16-090916	09/09/2016	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**7.71**	0.083 U	0.087 U	0.155 U
	MW16-032018	03/20/2018	64.53	0.025 U	0.069 U	0.087 U	0.123 U	0.066 U	**18.8**	0.038 U	1.18	0.076 U
MW17	MW17-040913	04/09/2013	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-060413	06/04/2013	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-092613	09/26/2013	33.25	0.29 J	0.0964 U	0.087 U	0.203 U	1.0 U	0.0672 U	0.083 U	1.0 U	0.155 U
	MW17-122313	12/23/2013	33.25	0.13 J	0.0964 U	0.087 U	0.203 U	1.0 U	4.83	0.083 U	1.0 U	1.0 U
	MW17-032714	03/27/2014	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-091114	09/11/2014	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-120914	12/09/2014	33.25	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.39 J	0.038 U	0.047 U	0.076 U
	MW17-030615	03/06/2015	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.55	0.083 U	0.087 U	0.155 U
	MW17-091715	09/17/2015	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW17-032216	03/22/2016	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-090716	09/07/2016	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW17	MW17-032118	03/21/2018	33.25	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
MW18	MW18-041013	04/10/2013	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-060413	06/04/2013	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-092713	09/27/2013	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	1.0 U	0.083 U	0.087 U	0.155 U
	MW18-122313	12/23/2013	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**7**	0.083 U	1.0 U	1.0 U
	MW18-032714	03/27/2014	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW18-062414	06/24/2014	43.16	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	0.0672 UR	0.083 UR	0.22 J	0.155 UR
	MW18-091014	09/10/2014	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.41 J	0.083 U	0.087 U	0.155 U
	MW18-120414	12/04/2014	43.16	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW18-030515	03/05/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-061015	06/10/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	0.083 U	0.087 U	0.155 U
	MW18-091615	09/16/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-122215	12/22/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.35 J	0.083 U	0.087 U	0.155 U
	MW18-032216	03/22/2016	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-090716	09/07/2016	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-032018	03/20/2018	43.16	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.63	0.038 U	0.047 U	0.076 U
MW19	MW19-041013	04/10/2013	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.69	0.083 U	0.087 U	0.155 U
	MW19-060413	06/04/2013	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.91	0.083 U	0.087 U	0.155 U
	MW19-092413	09/24/2013	63	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1.36 J	2.49 J	0.11 J	1.0 UJ	0.155 UJ
	MW19-122013	12/20/2013	63	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	1.92	0.083 U	1.0 U	1.0 U
	MW19-032714	03/27/2014	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.03	0.083 U	0.28	0.155 U
	MW19-091114	09/11/2014	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.95 J	0.083 U	0.42 J	0.155 U
	MW19-120514	12/05/2014	63	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.51 J	0.038 U	0.047 U	0.076 U
	MW19-030615	03/06/2015	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.91 U	0.083 U	0.087 U	0.155 U
	MW19-091515	09/15/2015	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.39	0.083 U	0.087 U	0.155 U
	MW19-032216	03/22/2016	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW19-090916	09/09/2016	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.48 J	0.083 U	0.087 U	0.155 U
	MW19-032018	03/20/2018	63	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.01	0.038 U	0.047 U	0.076 U
MW20	MW20-040913	04/09/2013	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-060413	06/04/2013	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.96 J	0.083 U	0.087 U	0.155 U
	MW20-092713	09/27/2013	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-122413	12/24/2013	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.08	0.083 U	1.0 U	1.0 U
	MW20-032714	03/27/2014	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW20-091114	09/11/2014	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.18 J	0.083 U	0.087 U	0.155 U
	MW20-120514	12/05/2014	9.67	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW20-030615	03/06/2015	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth[a] (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
			MTCA Method A	NV	NV	5	NV	NV	5	NV	5	0.2
			MTCA Method B	7.68	400	0.48	NV	16	48[b]	160	4[b]	0.029
MW20	MW20-091615	09/16/2015	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-032216	03/22/2016	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-090716	09/07/2016	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-032018	03/20/2018	9.67	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	2.93	0.038 U	0.047 U	0.076 U
MW21	MW21-040813	04/08/2013	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**23.9**	0.083 U	0.087 U	0.155 U
	MW21-060313	06/03/2013	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**14**	0.083 U	0.087 U	0.155 U
	MW21-092713	09/27/2013	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**53.8**	0.083 U	1.0 U	0.155 U
	MW21-122313	12/23/2013	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	1.0 U	**602**	0.083 U	1.0 U	1.0 U
	MW21-032414	03/24/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**45.3**	0.083 U	0.22	0.155 U
	MW21-062314	06/23/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**75.8**	0.083 U	0.087 U	0.155 U
	MW21-090914	09/09/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**47.5**	0.083 U	0.087 U	0.155 U
	MW21-120514	12/05/2014	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**104**	0.038 U	0.047 U	0.076 U
	MW21-030415	03/04/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**79.4**	0.083 U	0.087 U	0.155 U
	MW21-060915	06/09/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**12.6**	0.083 U	0.087 U	0.155 U
	MW21-091615	09/16/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**17.3**	0.083 U	0.087 U	0.155 U
	MW21-122115	12/21/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**88.1**	0.083 U	0.087 U	0.155 U
	MW21-032116	03/21/2016	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**23.4**	0.083 U	0.087 U	0.155 U
	MW21-090816	09/08/2016	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	**5810**	0.083 U	0.087 U	0.155 U
	MW21-032817	03/28/2017	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**49.7**	0.038 U	0.33 J	0.076 U
	MW21-031918	03/19/2018	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**65.9**	0.038 U	0.047 U	0.076 U
	MW21-091218	09/12/2018	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**852**	0.038 U	0.34 J	0.076 U
	MW21-031119	03/11/2019	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**268**	0.038 U	0.31 J	0.076 U
MW-29D	MW29D010818	01/08/2018[c]	55.84	--	--	--	--	--	**5.92**	--	--	--
	MW29D-032019	03/20/2019	55.84	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	1.26	0.038 U	0.047 U	0.076 U
MW-45D	MW45D010818	01/08/2018[c]	50.12	--	--	--	--	--	3.84	--	--	--
	MW45D-032019	03/20/2019	50.12	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	2.92	0.038 U	0.047 U	0.076 U
MW-46D	MW46D010818	01/08/2018[c]	50.09	--	--	--	--	--	1.00 U	--	--	--
	MW46D-032019	03/20/2019	50.09	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**5.01**	0.038 U	0.047 U	0.076 U
MW-47D	MW47D010818	01/08/2018[c]	50.81	--	--	--	--	--	1.00	--	--	--
	MW47D-032019	03/20/2019	50.81	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	**5.29**	0.038 U	0.047 U	0.076 U

Table 4
Volatile Organic Compounds in Groundwater
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

Bold text indicates that value exceeds MTCA Method A screening levels.

-- = not analyzed.

bgs = below ground surface.

CLARC = cleanup levels and risk calculation.

J = estimated value.

MTCA = Model Toxics Control Act.

MTCA Method A = MTCA standard method A groundwater screening level values.

MTCA Method B = MTCA standard method B groundwater screening level values for noncarcinogenic compounds.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

U = not detected at or above method reporting limit (2011) or method detection limit (2012 on).

ug/L = micrograms per liter.

UJ = analyte estimated, not detected at or above method reporting limit (2011) or method detection limit (2012 on). Reported detection limit is approximate and may or may not represent actual limit of quantitation necessary to accurately and precisely measure analyte in sample.

UR = analyte not detected above detection limit; result rejected.

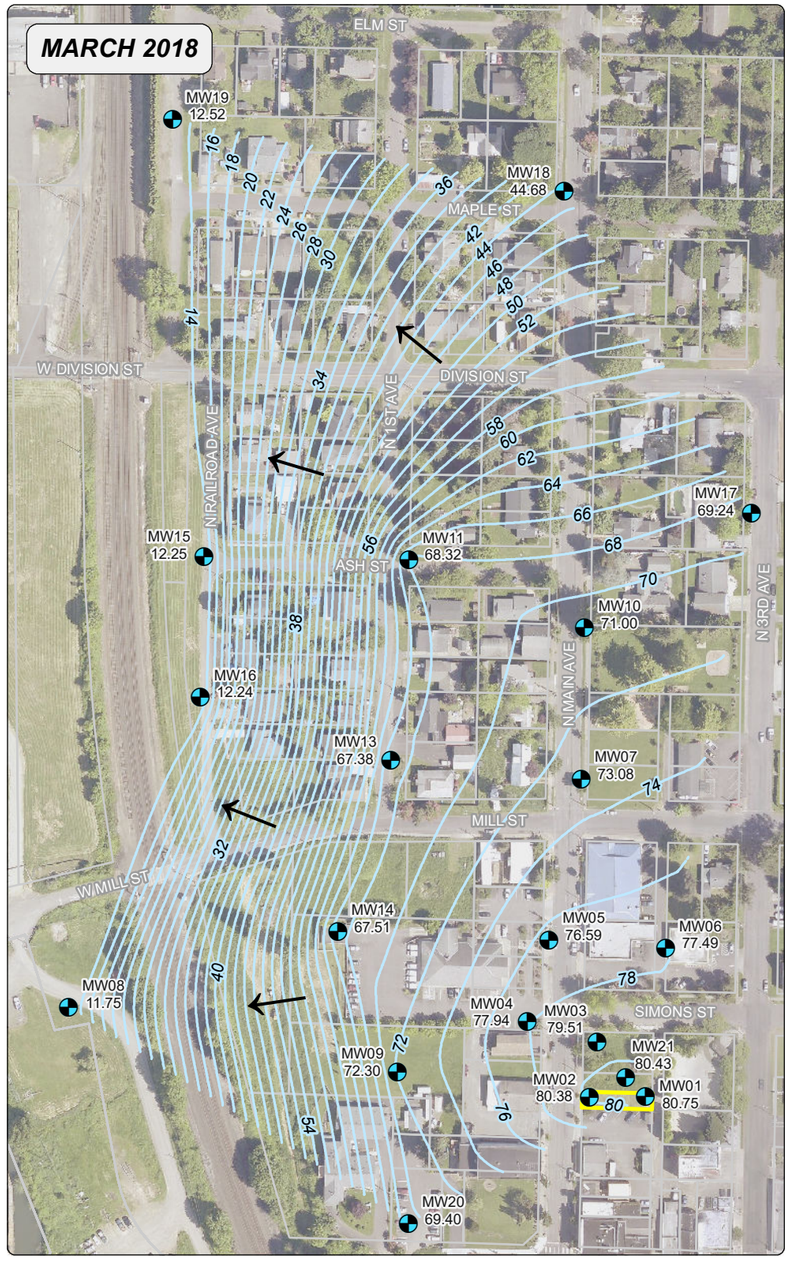
[a]Sample collected approximately 1 foot from bottom of well.

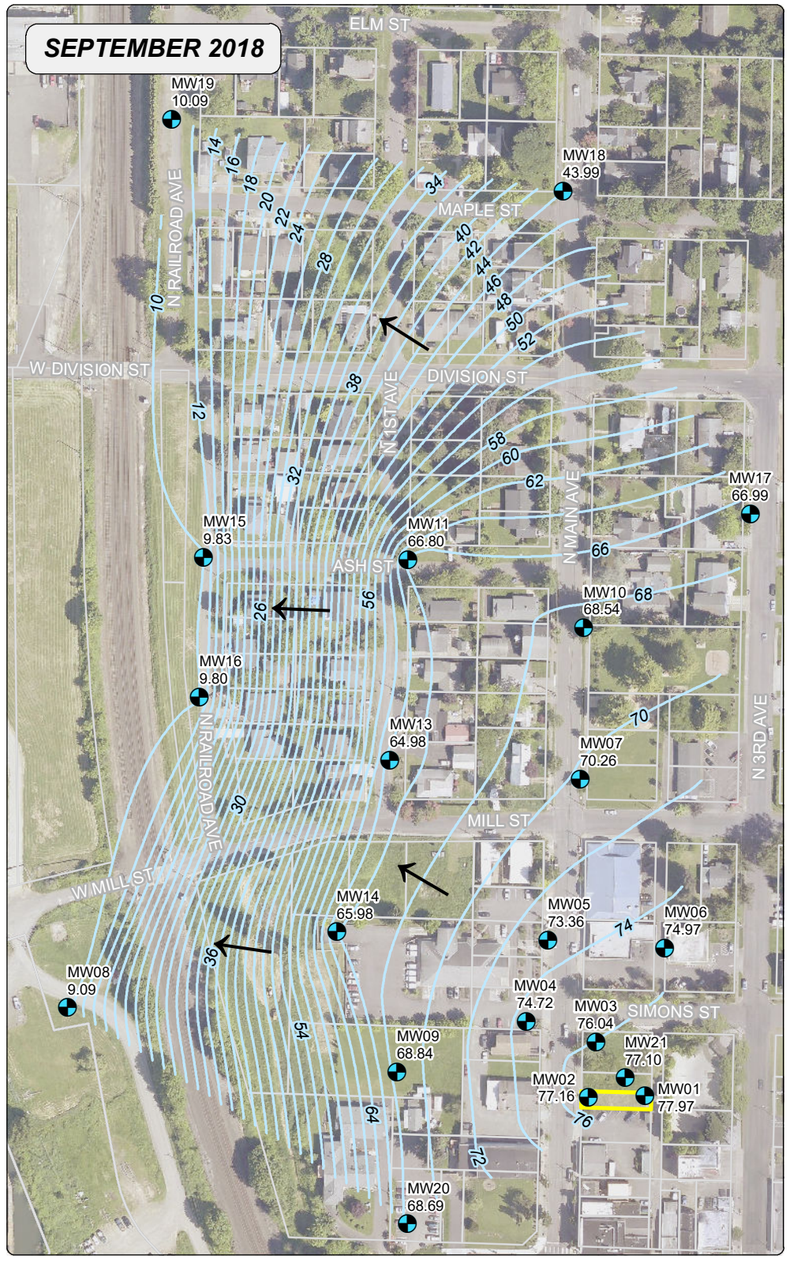
[b]MTCA Method B screening level values for PCE and TCE are based on State of Washington CLARC guidance dated August 2015 and on Washington Administrative Code 173-340-720 (7)(b).

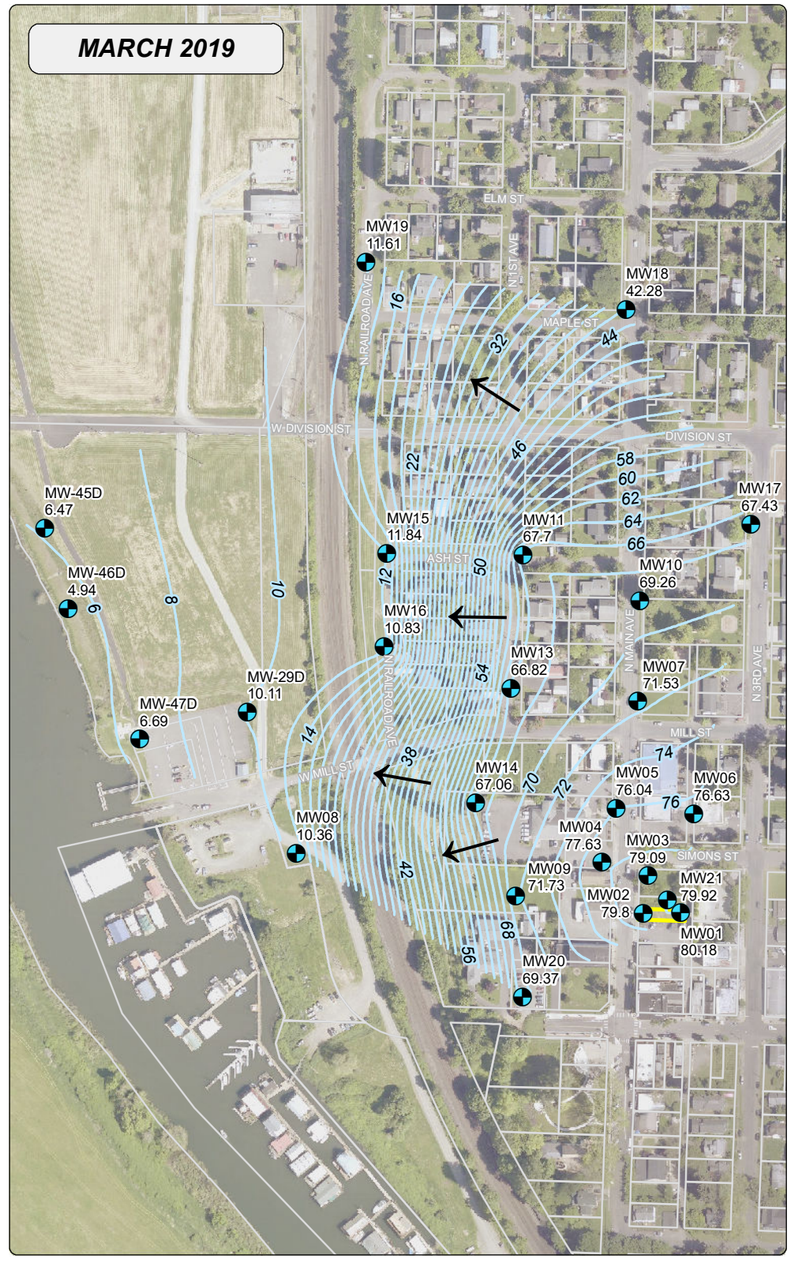
[c]Results are from 05/10/2018 Port of Ridgefield Groundwater Monitoring report. Non-detect results are reported to method reporting limits.

FIGURES

Path: X:\8006.31\Projects\06_2018_Groundwater_Monitoring\Fig1_Potentiometric_Mar_Sept_2018_Mar_2019.mxd
Print Date: 4/30/2019
Approved By: avklourek
Produced By: rroberts
Project: 8006.31.06







Source: Aerial photograph (2014) and taxlots (2016) obtained from Clark County GIS.

Notes:
1. Park Laundry monitoring well locations were surveyed March 19, 2018; September 12, 2018; and March 11, 2019.
2. Potentiometric surface modeled using ArcGIS 10.6 for Desktop Spatial Analyst Natural Neighbor interpolation tool.
3. MSL = mean sea level.

Legend

- Park Laundry Monitoring Well
- Water Level Contour (Feet MSL)
- Groundwater Flow Direction
- Property Boundary
- Clark County Taxlots

Figure 1
Estimated Potentiometric Surface Maps
March and September 2018 and March 2019

Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

0 125 250
Feet

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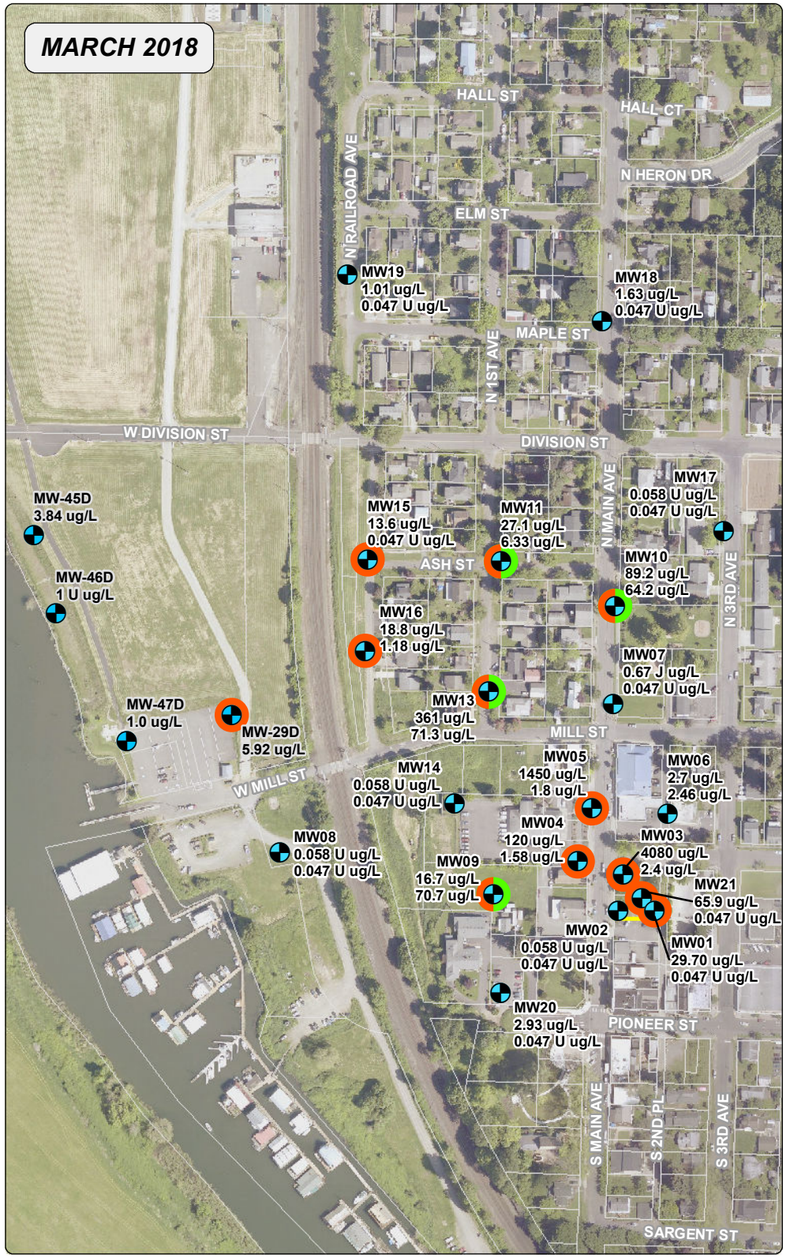

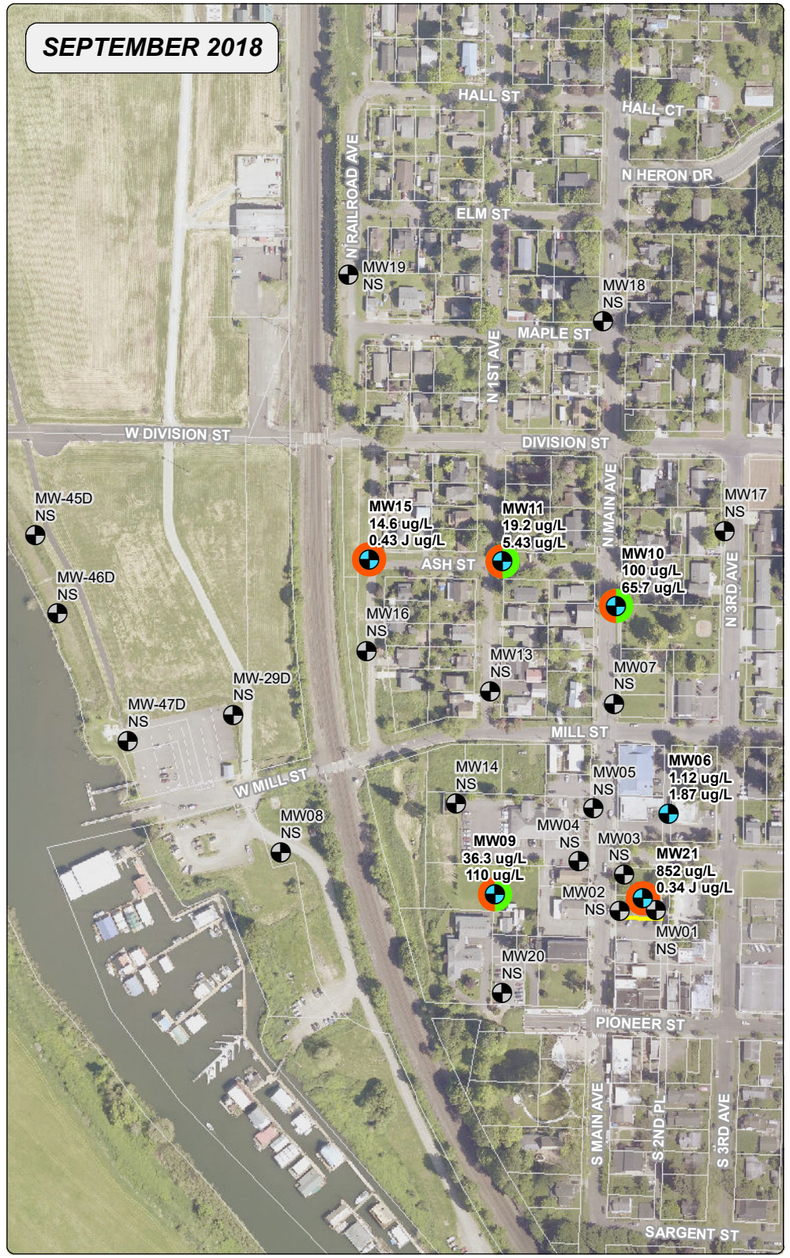

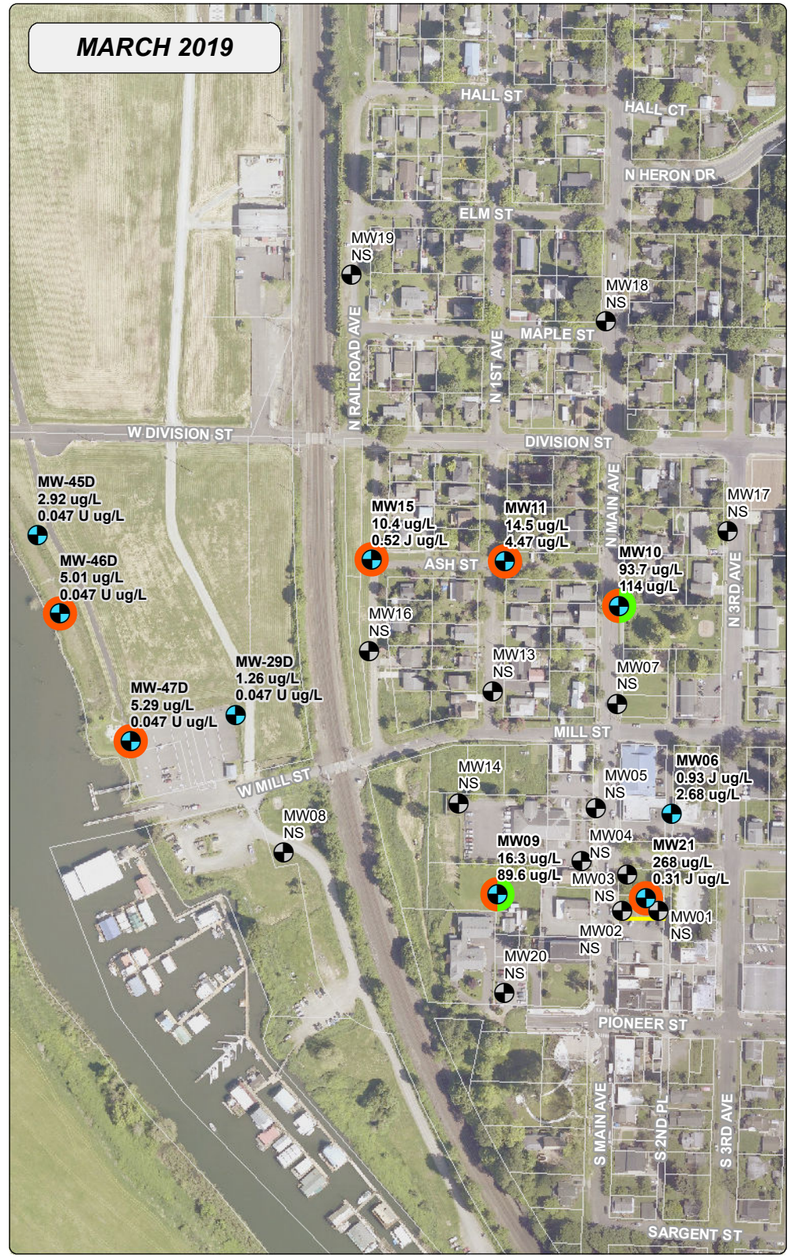

Source: Aerial photograph (2014) and taxlots (2016) obtained from Clark County GIS.

Notes:

1. Park Laundry monitoring well locations were sampled March 19, 2018; September 12, 2018; and March 11, 2019.
2. When duplicate sampes are present, the highest value between the primary and duplicate sample is shown on the figure.
3. Port of Ridgefield wells on March 2018 figure were sampled in January 2018.
4. Port of Ridgefield wells on March 2019 figure were sampled in March 2019.
5. J = estimated concentration.
6. MTCA = Model Toxics Control Act.
7. NS = not sampled.
8. PCE = Tetrachloroethene.
9. TCE = Trichloroethene.
10. U = not detected at or above the reporting limit.
11. ug/L = micrograms per liter.

Legend

Scheduled Monitoring Well Sample Location (with monitoring results from March 2018, September 2018, and March 2019)

MW10 - Well ID
89.2 ug/L - PCE concentration
64.2 ug/L - TCE concentration

Monitoring Well Location Not Sampled

MTCA Method A Exceedance

- PCE Exceedance (>5 µg/L)
- TCE Exceedance (>5 µg/L)
- PCE & TCE Exceedance (Both >5 µg/L)
- Property Boundary
- Clark County Taxlots

Figure 2
Monitoring Results
March and September 2018 and March 2019

Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington

0 125 250
Feet

ATTACHMENT A

FIELD SAMPLING DATA SHEETS

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW06		
Project #	8006.31.06	**Sampler**	ACC/MVP		
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/12/2019		
Sampling Event	March 2019	**Sample Name**	MW06-031219		
Sub Area		**Sample Depth**	15		
FSDS QA:	ACC, 3/21/19	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	8:25	16.32		8.48		7.84	1.28

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(3) Disposible Bailer									
Final Field Parameters	9:20:00 AM			5.96	11.4	255.7	4.96	954.8	5.06

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:00:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Bailed dry at 14:30 on 03/11/2019, 2 gallons.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW09
Project #	8006.31.06	**Sampler**	ACC/MVP
Project Name	Park Laundry- Ridgefield	**Sampling Date**	3/11/2019
Sampling Event	March 2019	**Sample Name**	MW09-031119
Sub Area		**Sample Depth**	13.5
FSDS QA:	ACC, 3/21/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	8:51	14.61		4.96		9.65	1.57

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	10:50:00 AM	1.8	0.35	6.49	12.2	263.9	0.46	97.4	34.5
	11:04:00 AM	3.2	0.4	6.45	12.3	267.2	0.42	82.8	10.29
	11:24:00 AM	4.71	0.4	6.41	12.6	270.6	0.17	73.3	4.19
Final Field Parameters	11:29:00 AM	5.3	0.4	6.41	12.5	273.4	0.14	71.3	3.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Turbid initially, then cleared up, slightly turbid.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	11:29:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments Began purging at 10:31; bottom of well potentially agitated when lowering tubing.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW10		
Project #	8006.31.06	**Sampler**	ACC/MVP		
Project Name	Park Laudry-Ridgefield	**Sampling Date**	3/11/2019		
Sampling Event	March 2019	**Sample Name**	MW10-031119		
Sub Area		**Sample Depth**	28		
FSDS QA:	ACC, 3/21/19	**Easting**		**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	10:51	29.53		11.8		17.73	2.89

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:37:00 PM	2.89	0.55	6.46	13.8	213.5	2.25	78.7	1.62
	1:58:00 PM	5.8	0.55	6.54	13.8	215.5	1.05	67.5	0.68
Final Field Parameters	2:14:00 PM	8.67	0.55	6.52	13.9	216.5	1.11	63.2	0.69

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:14:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:15. Duplicate sample MW10-031119-DUP collected at this well.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW10
Project #	8006.31.06	**Sampler**	ACC/MVP
Project Name	Park Laudry-Ridgefield	**Sampling Date**	3/11/2019
Sampling Event	March 2019	**Sample Name**	MW10-031119-DUP
Sub Area		**Sample Depth**	28
FSDS QA:	ACC, 3/21/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	10:51	29.53		11.8		17.73	2.89

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:37:00 PM	2.89	0.55	6.46	13.8	213.5	2.25	78.7	1.62
	1:58:00 PM	5.8	0.55	6.54	13.8	215.5	1.05	67.5	0.68
Final Field Parameters	2:14:00 PM	8.67	0.55	6.52	13.9	216.5	1.11	63.2	0.69

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:14:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

This is a duplicate of MW10-031119.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW11
Project #	8006.31.06	**Sampler**	ACC/MVP
Project Name	Park Laundry- Ridgefield	**Sampling Date**	3/11/2019
Sampling Event	March 2019	**Sample Name**	MW11-031119
Sub Area		**Sample Depth**	18
FSDS QA:	ACC, 3/21/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	10:41	19.54		10.3		9.24	1.51

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	12:27:00 PM	1.5	0.3	5.92	12.6	220.6	4.04	937	4.74
	12:47:00 PM	3	0.3	6.04	12.7	221.2	3.74	929.6	2.64
Final Field Parameters	1:07:00 PM	4.5	0.3	6.08	12.8	220.5	3.68	930.6	1.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	1:07:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 12:10.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW15				
Project #	8006.31.06	**Sampler**	ACC/MVP				
Project Name	Park Laundry-Ridgefield	**Sampling Date**	3/12/2019				
Sampling Event	March 2019	**Sample Name**	MW15-031219				
Sub Area		**Sample Depth**	62				
FSDS QA:	ACC, 3/21/19	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	10:31	64.95		39.61		25.34	4.13

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(1) Submersible Pump	9:05:00 AM	4.13	0.95	5.84	14.7	241.9	5.94	178.8	1.33
	9:18:00 AM	8.26	0.95	5.93	14.8	241.5	5.88	173.5	1.23
	9:32:00 AM	12.39	0.95	5.99	15	241.8	5.84	169.9	1.19
Final Field Parameters	9:37:00 AM	13.6	0.95	6	14.9	242.1	5.87	169.1	1.09

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:37:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments Began purging at 08:48. Grundfos running at 148.00 Hz.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW21
Project #	8006.31.06	**Sampler**	ACC/MVP
Project Name	Park Laundry-Ridgefield	**Sampling Date**	3/11/2019
Sampling Event	March 2019	**Sample Name**	MW21-031119
Sub Area		**Sample Depth**	12
FSDS QA:	ACC, 3/21/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/11/2019	7:45	13.1		4.33		8.77	1.43

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	8:30:00 AM	1.5	0.38	5.45	11.4	390.6	2.04	217.3	4.62
	8:47:00 AM	2.9	0.4	5.7	11.6	393.1	1.14	201.3	3.71
	9:01:00 AM	4.3	0.4	5.82	11.6	391.8	0.84	193.4	1.68
	9:11:00 AM	5.2	0.4	5.87	11.5	390.9	0.72	190.2	1.58
Final Field Parameters	9:16:00 AM	6	0.4	5.89	11.5	390.6	0.71	188.8	1.45

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:16:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 08:16.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW-29D				
Project #	8006.31.06	**Sampler**	MVP/SMC				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2019				
Sampling Event	March 2019	**Sample Name**	MW29D-032019				
Sub Area		**Sample Depth**	54				
FSDS QA:	SMC, 3/26/19	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/20/2019	8:56	55.84		15.31		40.53	6.61

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(6) Dedicated Pump	11:13:00 AM	6.5	175	5.79	13.5	670	0.75	192.7	0.82
	11:26:00 AM	13	1.75	5.91	13.5	663	0.1	185.7	1.06
Final Field Parameters	11:40:00 AM	19.5	1.75	6.02	13.5	650	0.3	180	1.04

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(6) Dedicated Pump	Groundwater	11:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments Began purging at 11:00. Pumping at 45 PSI at a 5/10 discharge.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW-45D				
Project #	8006.31.06	**Sampler**	MVP/SMC				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2019				
Sampling Event	March 2019	**Sample Name**	MW45D-032019				
Sub Area		**Sample Depth**	48				
FSDS QA:	SMC, 3/26/19	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/20/2019	9:10	50.12		15.68		34.44	5.61

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(6) Dedicated Pump	2:05:00 PM	5.5	1.8	6.05	14	519.9	0.2	203.6	1.58
	2:20:00 PM	11	1.8	6.22	14	519.7	0.12	201.7	1.39
Final Field Parameters	2:35:00 PM	16.5	1.8	6.22	14	519.4	0.08	194.1	0.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(6) Dedicated Pump	Groundwater	2:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:49.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW-46D
Project #	8006.31.06	**Sampler**	MVP/SMC
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2019
Sampling Event	March 2019	**Sample Name**	MW46D-032019
Sub Area		**Sample Depth**	48
FSDS QA:	SMC, 3/26/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/20/2019	9:05	50.09		9.24		40.85	6.66

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(6) Dedicated Pump	1:04:00 PM	6	1.7	6.04	13.7	444.2	3.28	230.1	1.28
	1:18:00 PM	12	1.7	5.86	13.8	443.1	3.22	214.3	1.39
Final Field Parameters	1:30:00 PM	18	1.7	6.02	13.8	442.9	3.13	200.6	1.44

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(6) Dedicated Pump	Groundwater	1:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments Began purging at 12:50.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW-47D
Project #	8006.31.06	**Sampler**	MVP/SMC
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2019
Sampling Event	March 2019	**Sample Name**	MW47D-032019
Sub Area		**Sample Depth**	49
FSDS QA:	SMC, 3/26/19	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/20/2019	9:00	50.81		12.87		37.94	6.18

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(6) Dedicated Pump	9:56:00 AM	6	1.6	5.63	14	603.2	0.77	192.8	1.74
	10:10:00 AM	12	1.6	5.83	14.1	600.6	0.81	186	1.46
Final Field Parameters	10:30:00 AM	18	1.6	5.92	14.1	599	0.86	180.2	1.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(6) Dedicated Pump	Groundwater	10:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 09:30. Designated pump at 30 PSI at a 10/5 discharge. Turned up PSI to 35 at a 5/10 discharge.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW06		
Project #	8006.31.06	**Sampler**	AC & JRM		
Project Name	Park Laundry-Ridgefield	**Sampling Date**	9/13/2018		
Sampling Event	September 2018	**Sample Name**	MW06-091318		
Sub Area		**Sample Depth**	15		
FSDS QA:	ENH, 9/28/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/13/2018	15:32	16.32		11.22		5.1	0.83

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(3) Disposible Bailer									
Final Field Parameters	3:56:00 PM			6.42	20.1	231.8	4.1	97.9	1.2

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	3:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Bailed approximately 1 gallon of water from well at 15:14 on 9/12/18.

PDX turbidity meter #1.
Pine Environmental YSI #37379.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW09
Project #	8006.31.06	**Sampler**	JRM
Project Name	Park Laundry- Ridgefield	**Sampling Date**	9/12/2018
Sampling Event	September 2018	**Sample Name**	MW09-091218
Sub Area		**Sample Depth**	13.5
FSDS QA:	ENH, 9/28/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	10:14	14.61		7.85		6.76	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	10:38:00 AM	1.1	0.3	6.31	15.6	201.1	2.8	8.5	6.59
	10:51:00 AM	2.2	0.3	6.68	15.4	204.1	3.7	-8.5	3.08
	11:15:00 AM	3.3	0.3	6.62	15.4	204.5	6.2	-24.9	1.39
	11:30:00 AM	4.4	0.3	6.58	15.5	204.5	6.1	-27.6	0.71
Final Field Parameters	11:41:00 AM	5.5	0.3	6.61	15.5	204.3	6.2	-28.8	0.84

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	11:41:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 10:26.

PDX turbidity meter #1.
PDX small p-pump #2.
Pine Environmental YSI #37379.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW10
Project #	8006.31.06	**Sampler**	AC & JRM
Project Name	Park Laudry-Ridgefield	**Sampling Date**	9/13/2018
Sampling Event	September 2018	**Sample Name**	MW10-091318-DUP
Sub Area		**Sample Depth**	28
FSDS QA:	ENH, 9/28/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	14:59	29.53		12.52		17.01	2.77

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:29:00 PM	2.7	0.45	6.53	14	173.5	0.8	-10.7	3.36
	1:53:00 PM	5.4	0.45	6.51	14.3	175.5	0.5	-22.7	0.9
Final Field Parameters	2:24:00 PM	8.1	0.45	6.49	14.2	177	0.9	-20.7	0.37

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:24:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:10. Ran p-pump at 5 Hz. Duplicate sample taken here MW10-091318-DUP.

Pine Environmental YSI #37379.
PDX turbidity meter #1.
PDX large p-pump #1.

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW10				
Project #	8006.31.06	**Sampler**	AC & JRM				
Project Name	Park Laudry-Ridgefield	**Sampling Date**	9/13/2018				
Sampling Event	September 2018	**Sample Name**	MW10-091318				
Sub Area		**Sample Depth**	28				
FSDS QA:	ENH, 9/28/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	14:59	29.53		12.52		17.01	2.77

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:29:00 PM	2.7	0.45	6.53	14	173.5	0.8	-10.7	3.36
	1:53:00 PM	5.4	0.45	6.51	14.3	175.5	0.5	-22.7	0.9
Final Field Parameters	2:24:00 PM	8.1	0.45	6.49	14.2	177	0.9	-20.7	0.37

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:24:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:10. Ran p-pump at 5 Hz. Duplicate sample taken here MW10-091318-DUP.

Pine Environmental YSI #37379.
PDX turbidity meter #1.
PDX large p-pump #1.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW11				
Project #	8006.31.06	**Sampler**	JRM				
Project Name	Park Laundry- Ridgefield	**Sampling Date**	9/12/2018				
Sampling Event	September 2018	**Sample Name**	MW11-091218				
Sub Area		**Sample Depth**	18				
FSDS QA:	ENH, 9/28/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	13:20	19.54		11.2		8.34	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:41:00 PM	1.3	0.3	6.06	14.9	200.5	5.5	97.3	6.57
	2:03:00 PM	2.6	0.3	6.3	14.8	209.4	6.4	101.1	3.83
Final Field Parameters	2:24:00 PM	3.9	0.3	6.3	14.6	210.8	6.7	103.7	2.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:24:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:28.

Pine Environmental YSI #37379.
Small p-pump PDX #2.
Turbidity meter PDX #1.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW15				
Project #	8006.31.06	**Sampler**	AC & JRM				
Project Name	Park Laundry-Ridgefield	**Sampling Date**	9/13/2018				
Sampling Event	September 2018	**Sample Name**	MW15-091318				
Sub Area		**Sample Depth**	62				
FSDS QA:	ENH, 9/28/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	13:59	64.95		41.62		23.33	3.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(1) Submersible Pump	10:53:00 AM	3.8	0.6	6.18	15.6	186.3	5.5	98.2	2.04
	11:11:00 AM	7.6	0.6	6.2	15.8	187.2	5.4	103	0.96
Final Field Parameters	11:34:00 AM	11.4	0.6	6.19	15.9	187.8	5.5	106.1	0.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	11:34:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 10:26.

Grundfos running at 148 Hz.
Pine Environmental YSI #37379.
Turbidity meter PDX #1.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW21				
Project #	8006.31.06	**Sampler**	JRM				
Project Name	Park Laundry-Ridgefield	**Sampling Date**	9/12/2018				
Sampling Event	September 2018	**Sample Name**	MW21-091218				
Sub Area		**Sample Depth**	12				
FSDS QA:	ENH, 9/28/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
9/12/2018	8:31	13.1		7.15		5.95	0.96

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	8:54:00 AM	1	0.4	6.21	17.4	320.1	1.7	74.5	13
	9:03:00 AM	2	0.4	6.16	16.8	298.1	2.7	86	7.56
Final Field Parameters	9:13:00 AM	3	0.4	6.19	16.7	280.1	3.1	94.6	1.39

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:13:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 08:48.

Pine Environmental YSI #37379.
PDX turbidity meter #1.
PDX small p-pump #2.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	TRIP BLANK
Project #	8006.31.06	**Sampler**	
Project Name	Park Laundry-Ridgefield	**Sampling Date**	9/13/2018
Sampling Event	September 2018	**Sample Name**	TRIP BLANK
Sub Area		**Sample Depth**	
FSDS QA:		**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
Final Field Parameters									

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
			VOA-Glass		
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	0	

General Sampling Comments

Trip blank was prepared by the laboratory and accompanied the groundwater samples during transportation.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW01		
Project #	8006.31.06	**Sampler**	ACC/KRT		
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/19/2018		
Sampling Event	March 2018	**Sample Name**	MW01-031918		
Sub Area		**Sample Depth**	12		
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	14:47	12.95		4.45		8.5	1.39

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	3:16:00 PM	1.4	0.19	6.17	12.77	242	0.96	106.9	5.82
	3:51:00 PM	2.8	0.2	6.14	12.63	241	0.66	114.4	3.43
Final Field Parameters	4:20:00 PM	4.2	0.21	6.17	12.67	239	0.67	117.6	2.98

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	4:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW02				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/19/2018				
Sampling Event	March 2018	**Sample Name**	MW02-031918				
Sub Area		**Sample Depth**	13.5				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:15	14.57		4.4		10.17	1.66

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	2:33:00 PM	1.7	0.18	6.34	11.82	84	5.31	93.4	18.5
	3:13:00 PM	3.4	0.18	6.44	12.11	83	5.17	100.6	12.15
Final Field Parameters	3:44:00 PM	5.1	0.16	6.47	11.94	83	5.29	105.2	9.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy at first.
Clear and colorless at the time of the last parameter.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	3:44:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW03
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/19/2018
Sampling Event	March 2018	**Sample Name**	MW03-031918
Sub Area		**Sample Depth**	14.5
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:23	15.26		5.19		10.07	1.64

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	4:30:00 PM	2	0.24	6.44	13.21	218	1.18	104.9	3.86
	4:55:00 PM	3.4	0.23	6.43	13.28	215	0.91	100.4	2.19
Final Field Parameters	5:12:00 PM	5.1	0.23	6.43	13.23	214	0.87	99.3	2.09

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	5:12:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW04				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018				
Sampling Event	March 2018	**Sample Name**	MW04-032118				
Sub Area		**Sample Depth**	15				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:51	16.11		5.11		11	1.79

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	8:37:00 AM	1.8	0.45	6.21	11.99	216	3.01	167.4	5.15
	8:58:00 AM	3.6	0.5	6.32	12.25	211	2.62	159.7	3.57
Final Field Parameters	9:08:00 AM	5.4	0.47	6.35	12.32	210	2.49	160.4	2.94

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:08:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 08:25 on 03/21/18.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW05		
Project #	8006.31.06	**Sampler**	ACC/KRT		
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018		
Sampling Event	March 2018	**Sample Name**	MW05-032118		
Sub Area		**Sample Depth**	16		
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:42	17.13		6.87		10.26	1.67

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	12:03:00 PM	2	0.7	6.31	14.08	225	0.74	116.4	2.52
	12:10:00 PM	3.4	0.7	6.32	14.2	224	0.61	116.1	2.84
Final Field Parameters	12:18:00 PM	5.1	0.7	6.33	14.24	224	0.57	116.2	2.79

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	12:18:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW05		
Project #	8006.31.06	**Sampler**	ACC/KRT		
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018		
Sampling Event	March 2018	**Sample Name**	MW05-032118-DUP		
Sub Area		**Sample Depth**	16		
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:42	17.13		6.87		10.26	1.67

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	12:03:00 PM	2	0.7	6.31	14.08	225	0.74	116.4	2.52
	12:10:00 PM	3.4	0.7	6.32	14.2	224	0.61	116.1	2.84
Final Field Parameters	12:18:00 PM	5.1	0.7	6.33	14.24	224	0.57	116.2	2.79

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	12:18:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW06				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW06-032018				
Sub Area		**Sample Depth**	15				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:35	16.32		7.62		8.7	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(3) Disposible Bailer									
Final Field Parameters	8:40:00 AM			6.28	9.33	250	4.72	176.5	17.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy, colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	8:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

03/19/18 @ 17:00, bailed dry @ 2.5 gallons.
03/20/18 @ 08:16 depth to water prior to sampling = 10.05' and rising.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW07				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018				
Sampling Event	March 2018	**Sample Name**	MW07-032118				
Sub Area		**Sample Depth**	14				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:02	15.62		8.93		6.69	1.09

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:00:00 PM	1.5	0.6	6.05	12.94	128	3.4	146.5	3.22
	1:05:00 PM	2.2	0.5	6.05	12.88	129	3.49	148.6	2.9
Final Field Parameters	1:12:00 PM	3.3	0.5	6.05	12.85	129	3.47	150.5	2.66

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	1:12:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 12:47 on 03/21/18.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW08
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018
Sampling Event	March 2018	**Sample Name**	MW08-032118
Sub Area		**Sample Depth**	61
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	16:32	62.63		15.36		47.27	7.71

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	9:23:00 AM	7.8	0.76	6.47	12.96	424	0.42	138.1	3.29
	9:54:00 AM	15.6	0.82	6.48	12.95	406	0.54	136.6	3.25
Final Field Parameters	10:29:00 AM	23.4	0.8	6.48	12.96	383	0.56	136.2	3.21

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(2) Peristaltic Pump	Groundwater	10:29:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Obstruction approximately 12' below top of casing. Can advance tubing down well but not bailer. Sampled using p-pump.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW09
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018
Sampling Event	March 2018	**Sample Name**	MW09-032118
Sub Area		**Sample Depth**	13
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	14:05	14.61		4.39		10.22	1.67

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:38:00 AM	1.7	0.7	6.23	12.18	237	0.63	123.2	7.35
	9:49:00 AM	3.4	0.7	6.26	12.41	238	0.24	90.8	4.11
Final Field Parameters	9:57:00 AM	5.1	0.7	6.28	12.47	237	0.16	75.8	3.42

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:57:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 09:30 on 03/21/18.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW10
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018
Sampling Event	March 2018	**Sample Name**	MW10-032118
Sub Area		**Sample Depth**	28
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:10	29.53		10.06		19.47	3.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:49:00 PM	3.2	0.55	6.64	13.53	178	1.25	55.5	3.46
	3:10:00 PM	6.4	0.55	6.66	13.56	183	0.54	25.3	2.11
Final Field Parameters	3:31:00 PM	9.6	0.5	6.66	13.55	183	0.5	12.2	2.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:31:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 14:28 on 03/21/18.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW11				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW11-032018				
Sub Area		**Sample Depth**	18.5				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	16:54	19.54		9.68		9.86	1.61

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	2:53:00 PM	1.7	0.29	6.39	13.67	218	4.02	61.2	7.29
	3:25:00 PM	4	0.27	6.41	13.89	219	3.53	63.2	5.73
Final Field Parameters	3:36:00 PM	5.1	0.27	6.42	13.79	219	3.54	59.7	4.79

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	3:36:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW13				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW13-032018				
Sub Area		**Sample Depth**	18.5				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	16:44	19.45		6.64		12.81	2.09

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	3:39:00 PM	2.1	0.25	6.28	15.06	332	2.59	125.6	3.78
	3:59:00 PM	4.2	0.25	6.32	15.02	329	2.52	120.8	3.58
Final Field Parameters	4:29:00 PM	6.3	0.25	6.33	14.85	330	2.49	120.7	3.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	4:29:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW14				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018				
Sampling Event	March 2018	**Sample Name**	MW14-032118				
Sub Area		**Sample Depth**	19				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	14:23	21.81		10.62		11.19	1.82

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	10:42:00 AM	1.8	0.3	6.23	13.4	129	1.64	81.4	7.4
	11:13:00 AM	3.6	0.3	6.22	13.59	129	1.55	95.6	5.76
Final Field Parameters	11:41:00 AM	5.4	0.2	6.23	13.75	131	1.52	105.3	4.51

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	11:41:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW15				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW15-032018				
Sub Area		**Sample Depth**	63				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:58	64.95		39.2		25.75	4.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(1) Submersible Pump	2:33:00 PM	4.2	1	6.05	15.17	211	5.35	127.9	1.88
	2:50:00 PM	8.4	1	6.09	15.29	211	5.29	125.8	1.4
Final Field Parameters	3:07:00 PM	12.6	1	6.11	15.23	211	5.36	126.8	1.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	3:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW16				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW16-032018				
Sub Area		**Sample Depth**	62.5				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	16:08	64.53		37.78		26.75	4.36

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(1) Submersible Pump	5:57:00 PM	4.4	1	6.16	14.76	213	5.5	128.4	3.55
	6:13:00 PM	8.8	1	6.15	14.74	214	5.56	133.6	3.18
Final Field Parameters	6:29:00 PM	13.2	1	6.15	14.72	216	5.49	137.2	3.59

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	6:29:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 17:42 on 03/20/18.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW17				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/21/2018				
Sampling Event	March 2018	**Sample Name**	MW17-032118				
Sub Area		**Sample Depth**	32				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:24	33.25		10.64		22.61	3.69

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	2:06:00 PM	3.7	0.6	6.68	13.71	227	0.23	2.2	7.8
	2:24:00 PM	7.4	0.6	6.7	13.73	231	0.15	-30.3	5.8
	2:50:00 PM	11.1	0.6	6.72	13.77	249	0.1	-47.8	4.93
Final Field Parameters	2:55:00 PM	12	0.6	6.72	13.81	248	0.1	-49.2	4.89

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Sample is slightly cloudy with yellow tint.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW18				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018				
Sampling Event	March 2018	**Sample Name**	MW18-032018				
Sub Area		**Sample Depth**	42				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:37	43.16		35.89		7.27	1.19

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(3) Disposible Bailer									
Final Field Parameters	10:14:00 AM			6.23	12.46	193	6.45	97.4	3.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	10:00:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

03/20/18 depth to water at 09:44 prior to sampling = 36.1'.
03/19/18 at 19:15, bailed dry at approximately 2 gallons.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW19
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018
Sampling Event	March 2018	**Sample Name**	MW19-032018
Sub Area		**Sample Depth**	62
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	15:48	63		35.57		27.43	4.47

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(1) Submersible Pump	11:34:00 AM	4.5	0.98	6.8	17.47	215	2.29	109.6	7.17
	11:51:00 AM	9	0.94	6.83	17.65	203	0.72	105.1	4.11
Final Field Parameters	12:09:00 PM	13.5	0.92	6.88	17.84	191	0.35	99.1	3.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	12:09:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Depth to water = 35.64' prior to sampling on 03/20/18.

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW20
Project #	8006.31.06	**Sampler**	ACC/KRT
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/20/2018
Sampling Event	March 2018	**Sample Name**	MW20-032018
Sub Area		**Sample Depth**	8.5
FSDS QA:	NRB, 3/26/18	**Easting**	**Northing**	**TOC**

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	14:38	9.67		5.59		4.08	0.67

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(3) Disposible Bailer									
Final Field Parameters	9:18:00 AM			6.1	8.92	228	3.71	113.1	13.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy, slight yellow tint.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	9:08:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

03/19/18 @ 17:30, bailed dry at approximately 1 gallon.
03/20/18 @ 09:00 depth to water prior to sampling =5.69'.

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	**Sample Location**	MW21				
Project #	8006.31.06	**Sampler**	ACC/KRT				
Project Name	Park Laundry - Ridgefield	**Sampling Date**	3/19/2018				
Sampling Event	March 2018	**Sample Name**	MW21-031918				
Sub Area		**Sample Depth**	12				
FSDS QA:	NRB, 3/26/18	**Easting**		**Northing**		**TOC**	

Hydrology/Level Measurements

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
3/19/2018	13:04	13.1		3.82		9.28	1.51

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	**Time**	**Purge Vol (gal)**	**Flowrate l/min**	**pH**	**Temp (C)**	**E Cond (uS/cm)**	**DO (mg/L)**	**ORP**	**Turbidity**
(2) Peristaltic Pump	1:57:00 PM	2	0.26	5.97	12.45	335	0.64	111.2	5.4
	2:12:00 PM	3.2	0.26	6	12.62	332	0.38	108.7	3.59
Final Field Parameters	2:32:00 PM	4.8	0.26	6.02	12.78	331	0.14	106.2	3.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	**Sample Type**	**Sampling Time**	**Container Code/Preservative**	**#**	**Filtered**
(3) Disposable Bailer	Groundwater	2:32:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

ATTACHMENT B

LABORATORY REPORTS AND DATA VALIDATION MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.06 | MARCH 19, 2018 | UNION RIDGE INVESTMENT COMPANY

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected on the former Park Laundry site at 122 North Main Avenue in Ridgefield, Washington. The samples were collected March 19 to 21, 2018.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1803193 and 1803205 were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Chlorinated Volatile Organic Compounds	USEPA 8260B

NOTE:
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1803193	**Report 1803205**
MW21-031918	MW04-032118
MW02-031918	MW09-032118
MW01-031918	MW08-032118
MW03-031918	MW14-032118
MW06-032018	MW05-032118
MW20-032018	MW05-032118-DUP
MW18-032018	MW07-032118
MW19-032018	MW17-032118
MW11-032018	MW10-032118
MW15-032018	Trip Blank
MW13-032018	--
MW16-032018	--
Trip Blank	--

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2017) and appropriate laboratory and method-specific guidelines (SA, 2016; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

A laboratory method blank analysis was performed at the required frequency. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. The method blank results were non-detect to method detection limits (MDLs) for all target analytes.

Trip Blanks

Trip blanks were submitted with each sample delivery group for analysis by USEPA Method 8260B. The trip blanks were non-detect for all target analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate results were within percent recovery acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate in report 1803205 was submitted for USEPA Method 8260B analysis (MW05-032118/MW05-032118-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported non-detect results to MDLs. Samples requiring dilutions because of high analyte concentrations and/or matrix interferences were reported with raised MDLs and reporting limits. Results between the MDL and the reporting limit were qualified by SA with "J" as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

SA. 2016. Laboratory quality assurance plan. Revision 15. Specialty Analytical, Inc., Clackamas, Oregon. July.

USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. Update V. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 1, July 2014).

USEPA. 2017. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540-R-2017-002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.06 | APRIL 30, 2019 | UNION RIDGE INVESTMENT COMPANY

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected on the former Park Laundry site at 122 North Main Avenue in Ridgefield, Washington. The samples were collected on September 12 and 13, 2018.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1809087 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Chlorinated Volatile Organic Compounds	USEPA 8260B

NOTE:
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1809087	
MW06-091318	MW11-091218
MW09-091218	MW15-091318
MW10-091318	MW21-091218
MW10-091318-DUP	Trip Blank

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2017) and appropriate laboratory and method-specific guidelines (SA, 2016; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

A laboratory method blank analysis was performed at the required frequency. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. The method blank results were non-detect to method detection limits (MDLs) for all target analytes.

Trip Blanks

A trip blank was submitted with sample delivery group 1809087 for analysis by USEPA Method 8260B. The trip blank was non-detect for all target analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided with USEPA 8260B quality control results. All CCBs were non-detect.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All MS/MSD results were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate results were not reported; batch precision was evaluated with MS/MSD results.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample

was extracted and analyzed at the required frequency. LCSD results were not reported; batch precision was evaluated with MS/MSD results. All LCS results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW10-091318/MW10-091318-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported results to MDLs. Results reported between the MDL and the reporting limit were flagged by SA with "J" as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

SA. 2016. Laboratory quality assurance plan. Revision 15. Specialty Analytical, Inc., Clackamas, Oregon. July.

USEPA. 1986. Test methods for evaluating solid waste, physical/chemical methods. EPA publication SW-846. 3d ed. U.S. Environmental Protection Agency. Final updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), V (2015), VI phase I (2017), and VI phase II (2018).

USEPA. 2017. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540-R-2017-002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.06 | APRIL 30, 2019 | UNION RIDGE INVESTMENT COMPANY

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected on the former Park Laundry site at 122 North Main Avenue in Ridgefield, Washington. The samples were collected in March 2019.

Specialty Analytical, Inc. (SA) performed the analyses. SA reports 1903101rev1 and 1903172 were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Chlorinated Volatile Organic Compounds	USEPA 8260B

NOTE:
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1903101rev1	**Report 1903172**
MW21-031119	MW47D-032019
MW09-031119	MW29D-032019
MW11-031119	MW46D-032019
MW10-031119	MW45D-032019
MW10-031119-DUP	Trip Blank
MW06-031219	--
MW15-031219	--
Trip blank	--

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2017) and appropriate laboratory and method-specific guidelines (SA, 2018; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately. In report 1903101rev1, the chain of custody (COC) indicates that samples were relinquished

BLANKS

Method Blanks

A laboratory method blank analysis was performed at the required frequency. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. The method blank results were non-detect to method detection limits (MDLs) for all target analytes.

Trip Blanks

Trip blanks were submitted with sample delivery groups in 1903101rev1 and 1903172 for analysis by USEPA Method 8260B. The trip blanks were non-detect for all target analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All MS/MSD results were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate results were not reported; batch precision was evaluated with MS/MSD results.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample

was extracted and analyzed at the required frequency. LCSD results were not reported; batch precision was evaluated with MS/MSD results. All LCS results were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis in report 1903101rev1 (MW10-031119/MW10-031119-DUP) MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported results to MDLs. Results reported between the MDL and the reporting limit were flagged by SA with "J," as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies.

Analysis of USEPA Method 8260B trichloroethene was added by the MFA project manager to all samples in report 1903101rev1 after samples were received by the laboratory. The analysis was performed with the recommended method holding time.

In reports 1903101rev1 and 1903172, the COCs indicated that samples were initially relinquished by a different person than the sampler. The reviewer confirmed with the sampler that the initial transfer of samples from sampler to the second sample custodian was not documented on the COC. Additionally, in report 1903101rev1, the secondary sample custodian sample relinquishment time of 11:55 a.m. did not match the associated sample receipt time of 11:33 a.m. In report 1903172, the secondary sample custodian sample relinquishment time of 11:31 a.m. did not match the associated sample receipt time of 11:30 a.m. The secondary sample custodian was notified.

No additional issues were found.

REFERENCES

SA. 2018. Laboratory quality assurance plan. Revision 16. Specialty Analytical, Inc., Clackamas, Oregon. August.

USEPA. 1986. Test methods for evaluating solid waste, physical/chemical methods. EPA publication SW-846. 3d ed. U.S. Environmental Protection Agency. Final updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), V (2015), VI phase I (2017), and VI phase II (2018).

USEPA. 2017. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540-R-2017-002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

Specialty Analytical

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Website: www.specialtyanalytical.com

March 26, 2018

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (503) 501-5216
FAX (360) 906-1958
RE: URIC / 8006.31.06/01

Dear Merideth D'Andrea: Order No.: 1803193

Specialty Analytical received 13 sample(s) on 3/21/2018 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/19/2018 2:32:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-001
Client Sample ID: MW21-031918
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:06:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 1:06:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:06:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 1:06:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 1:06:00 PM
Tetrachloroethene	65.9	0.0580	1.00		µg/L	1	3/22/2018 1:06:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 1:06:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 1:06:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 1:06:00 PM
Surr: 1,2-Dichloroethane-d4	96.0	75.3-126			%REC	1	3/22/2018 1:06:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	3/22/2018 1:06:00 PM
Surr: Dibromofluoromethane	97.8	74.2-122			%REC	1	3/22/2018 1:06:00 PM
Surr: Toluene-d8	100	76.2-135			%REC	1	3/22/2018 1:06:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/19/2018 3:44:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-002
Client Sample ID: MW02-031918
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:27:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 1:27:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:27:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 1:27:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 1:27:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/22/2018 1:27:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 1:27:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 1:27:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 1:27:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	75.3-126			%REC	1	3/22/2018 1:27:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/22/2018 1:27:00 PM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	3/22/2018 1:27:00 PM
Surr: Toluene-d8	102	76.2-135			%REC	1	3/22/2018 1:27:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/19/2018 4:20:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-003
Client Sample ID: MW01-031918
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:48:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 1:48:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 1:48:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 1:48:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 1:48:00 PM
Tetrachloroethene	29.7	0.0580	1.00		µg/L	1	3/22/2018 1:48:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 1:48:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 1:48:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 1:48:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	75.3-126			%REC	1	3/22/2018 1:48:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/22/2018 1:48:00 PM
Surr: Dibromofluoromethane	107	74.2-122			%REC	1	3/22/2018 1:48:00 PM
Surr: Toluene-d8	99.4	76.2-135			%REC	1	3/22/2018 1:48:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/19/2018 5:12:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-004
Client Sample ID: MW03-031918
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 2:09:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 2:09:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 2:09:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 2:09:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 2:09:00 PM
Tetrachloroethene	4080	5.80	100		µg/L	100	3/22/2018 6:00:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 2:09:00 PM
Trichloroethene	2.40	0.0470	1.00		µg/L	1	3/22/2018 2:09:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 2:09:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	75.3-126			%REC	1	3/22/2018 2:09:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/22/2018 2:09:00 PM
Surr: Dibromofluoromethane	101	74.2-122			%REC	1	3/22/2018 2:09:00 PM
Surr: Toluene-d8	97.1	76.2-135			%REC	1	3/22/2018 2:09:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 8:30:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-005
Client Sample ID: MW06-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 5:39:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 5:39:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 5:39:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 5:39:00 PM
cis-1,2-Dichloroethene	3.69	0.0450	1.00		µg/L	1	3/22/2018 5:39:00 PM
Tetrachloroethene	2.70	0.0580	1.00		µg/L	1	3/22/2018 5:39:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 5:39:00 PM
Trichloroethene	2.46	0.0470	1.00		µg/L	1	3/22/2018 5:39:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 5:39:00 PM
Surr: 1,2-Dichloroethane-d4	101	75.3-126			%REC	1	3/22/2018 5:39:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/22/2018 5:39:00 PM
Surr: Dibromofluoromethane	106	74.2-122			%REC	1	3/22/2018 5:39:00 PM
Surr: Toluene-d8	99.9	76.2-135			%REC	1	3/22/2018 5:39:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 9:08:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-006
Client Sample ID: MW20-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 2:51:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 2:51:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 2:51:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 2:51:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 2:51:00 PM
Tetrachloroethene	2.93	0.0580	1.00		µg/L	1	3/22/2018 2:51:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 2:51:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 2:51:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 2:51:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126			%REC	1	3/22/2018 2:51:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	3/22/2018 2:51:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/22/2018 2:51:00 PM
Surr: Toluene-d8	98.4	76.2-135			%REC	1	3/22/2018 2:51:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 10:00:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-007
Client Sample ID: MW18-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:12:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 3:12:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:12:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 3:12:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 3:12:00 PM
Tetrachloroethene	1.63	0.0580	1.00		µg/L	1	3/22/2018 3:12:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 3:12:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 3:12:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 3:12:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	75.3-126			%REC	1	3/22/2018 3:12:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/22/2018 3:12:00 PM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	3/22/2018 3:12:00 PM
Surr: Toluene-d8	101	76.2-135			%REC	1	3/22/2018 3:12:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 12:09:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-008
Client Sample ID: MW19-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:33:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 3:33:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:33:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 3:33:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 3:33:00 PM
Tetrachloroethene	1.01	0.0580	1.00		µg/L	1	3/22/2018 3:33:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 3:33:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 3:33:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 3:33:00 PM
Surr: 1,2-Dichloroethane-d4	99.6	75.3-126			%REC	1	3/22/2018 3:33:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/22/2018 3:33:00 PM
Surr: Dibromofluoromethane	102	74.2-122			%REC	1	3/22/2018 3:33:00 PM
Surr: Toluene-d8	98.0	76.2-135			%REC	1	3/22/2018 3:33:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 3:36:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-009
Client Sample ID: MW11-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:54:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 3:54:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 3:54:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 3:54:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 3:54:00 PM
Tetrachloroethene	27.1	0.0580	1.00		µg/L	1	3/22/2018 3:54:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 3:54:00 PM
Trichloroethene	6.33	0.0470	1.00		µg/L	1	3/22/2018 3:54:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 3:54:00 PM
Surr: 1,2-Dichloroethane-d4	103	75.3-126			%REC	1	3/22/2018 3:54:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/22/2018 3:54:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/22/2018 3:54:00 PM
Surr: Toluene-d8	99.4	76.2-135			%REC	1	3/22/2018 3:54:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 3:40:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-010
Client Sample ID: MW15-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 4:15:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 4:15:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 4:15:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 4:15:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 4:15:00 PM
Tetrachloroethene	13.6	0.0580	1.00		µg/L	1	3/22/2018 4:15:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 4:15:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 4:15:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 4:15:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126			%REC	1	3/22/2018 4:15:00 PM
Surr: 4-Bromofluorobenzene	100	78.1-120			%REC	1	3/22/2018 4:15:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/22/2018 4:15:00 PM
Surr: Toluene-d8	97.7	76.2-135			%REC	1	3/22/2018 4:15:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 4:29:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-011
Client Sample ID: MW13-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 4:36:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 4:36:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 4:36:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 4:36:00 PM
cis-1,2-Dichloroethene	4.93	0.0450	1.00		µg/L	1	3/22/2018 4:36:00 PM
Tetrachloroethene	361	0.580	10.0		µg/L	10	3/22/2018 10:32:00 PM
trans-1,2-Dichloroethene	1.13	0.0380	1.00		µg/L	1	3/22/2018 4:36:00 PM
Trichloroethene	71.3	0.0470	1.00		µg/L	1	3/22/2018 4:36:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 4:36:00 PM
Surr: 1,2-Dichloroethane-d4	95.8	75.3-126			%REC	1	3/22/2018 4:36:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	3/22/2018 4:36:00 PM
Surr: Dibromofluoromethane	100	74.2-122			%REC	1	3/22/2018 4:36:00 PM
Surr: Toluene-d8	98.5	76.2-135			%REC	1	3/22/2018 4:36:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018 6:29:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803193-012
Client Sample ID: MW16-032018
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 5:18:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 5:18:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 5:18:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 5:18:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 5:18:00 PM
Tetrachloroethene	18.8	0.0580	1.00		µg/L	1	3/22/2018 5:18:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 5:18:00 PM
Trichloroethene	1.18	0.0470	1.00		µg/L	1	3/22/2018 5:18:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 5:18:00 PM
Surr: 1,2-Dichloroethane-d4	104	75.3-126			%REC	1	3/22/2018 5:18:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/22/2018 5:18:00 PM
Surr: Dibromofluoromethane	97.9	74.2-122			%REC	1	3/22/2018 5:18:00 PM
Surr: Toluene-d8	98.9	76.2-135			%REC	1	3/22/2018 5:18:00 PM

Specialty Analytical

Date Reported: 26-Mar-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2018
Project: URIC / 8006.31.06/01
Lab ID: 1803193-013
Client Sample ID: Trip Blank
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 12:45:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 12:45:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 12:45:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 12:45:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 12:45:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/22/2018 12:45:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 12:45:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 12:45:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 12:45:00 PM
Surr: 1,2-Dichloroethane-d4	107	75.3-126			%REC	1	3/22/2018 12:45:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/22/2018 12:45:00 PM
Surr: Dibromofluoromethane	107	74.2-122			%REC	1	3/22/2018 12:45:00 PM
Surr: Toluene-d8	102	76.2-135			%REC	1	3/22/2018 12:45:00 PM

QC SUMMARY REPORT

WO#: **1803193**

26-Mar-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3011** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **CCV** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339696**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.0	1.00	40.00	0	107	80	120				
Vinyl chloride	41.6	1.00	40.00	0	104	80	120				

Sample ID **LCS MSVWS-3012** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **LCSW** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.6	1.00	40.00	0	104	61.2	135				
Trichloroethene	41.1	1.00	40.00	0	103	68.5	124				

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **PBW** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1803193**

26-Mar-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **PBW**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	99.7		100.0		99.7	75.3	126				
Surr: 4-Bromofluorobenzene	99.3		100.0		99.3	78.1	120				
Surr: Dibromofluoromethane	104		100.0		104	74.2	122				
Surr: Toluene-d8	101		100.0		101	76.2	135				

Sample ID **1803193-004AMS**	SampType: **MS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **MW03-031918**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339714**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4390	100	4000	0	110	47.8	165				
Trichloroethene	4340	100	4000	0	108	50.8	164				

Sample ID **1803193-004AMSD**	SampType: **MSD**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **MW03-031918**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339715**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4370	100	4000	0	109	47.8	165	4394	0.548	20	
Trichloroethene	4190	100	4000	0	105	50.8	164	4336	3.33	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
~~11711 SE Capps Road~~ 9011 Jannsen rd
Clackamas, OR 97015
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: Merideth D'Andrea
Company: Maul Foster & Alonai, Inc.
Address: 400 E. Mill Plain Blvd, Suite 400
Vancouver, WA 98660
Phone: 360-694-2691 Fax:
Project No: 8006.31.06/01 Project Name: LRIC
Project Site Location OR: WA: ✓ Other:
Invoice To: MFA P.O. No.:

Collected By: Kelly R Titkemeier
Signature: Kelly R Titkemeier
Printed: Kelly Titkemeier
Signature: Allen Clements
Printed: Allen Clements

Turn Around Time
☑ Normal 5-7 Business Days
☐ Rush _____
Specify
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses: 1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride	1,1-DCA	1,2-DCA	Chloroethane	Comments	Lab I.D.
3/19/18	1432	MW21-031918	GW	5	X	X	X	X	X	X	X	X	X	"Please Provide MDL reports"	
	1544	MW02-031918			X	X	X	X	X	X	X	X	X		
	1620	MW01-031918			X	X	X	X	X	X	X	X	X		
	1712	MW03-031918			X	X	X	X	X	X	X	X	X		
3/20/18	0830	MW06-032018			X	X	X	X	X	X	X	X	X		
	0908	MW20-032018			X	X	X	X	X	X	X	X	X		
	1000	MW18-032018			X	X	X	X	X	X	X	X	X		
	1209	MW19-032018			X	X	X	X	X	X	X	X	X		
	1536	MW11-032018			X	X	X	X	X	X	X	X	X		
	1540	MW15-032018			X	X	X	X	X	X	X	X	X		
	1629	MW13-032018			X	X	X	X	X	X	X	X	X		
	1829	MW16-032018			X	X	X	X	X	X	X	X	X		

For Laboratory Use
Lab Job No. 1803193
Shipped Via SA
Air Bill No.
Temperature On Receipt 4 °C
Specialty Analytical Containers? Y / N
Specialty Analytical Trip Blanks? Y / N

Relinquished By	Date	Time	Received By	Relinquished By	Date	Time
Kelly R Titkemeier	3/21/18	1310	SA	SA	3-21-18	1350
Company: MFA			Company:	Company:		

Received For Lab By: K. Jan — Date: 3-21-18 — Time: 1400

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
~~11711 SE Capps Road~~ 9011 SE Jannsen rd
Clackamas, OR 97015 Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: Merideth D'Andrea
Company: Maul Foster & Alongi, Inc.
Address: 400 E. Mill Plain Blvd, Suite 400
Vancouver, WA 98660
Phone: 360-694-2691 Fax:
Project No. 8006.31.06/01 Project Name: URIC
Project Site Location OR ___ WA ✓ Other ___
Invoice To: MFA P.O. No. ___

Collected By:
Signature: Kelly R Titkemeier
Printed: Kelly Titkemeier
Signature: Allen Clements
Printed: Allen Clements

Turn Around Time
☒ Normal 5-7 Business Days
☐ Rush ___
Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

For Laboratory Use
Lab Job No. 1803193
Shipped Via: SA
Air Bill No.
Temperature On Receipt: 4 °C
Specialty Analytical Containers? Y / N
Specialty Analytical Trip Blanks? Y / N

Date	Time	Sample I.D.	Matrix	No. of Containers	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	vinyl chloride	1,1-DCA	1,2-DCA	chloroethane		Comments	Lab I.D.
3/20/18	—	TRIP BLANK	H_2O	2	X	X	X	X	X	X	X	X	X			
															"Please provide MDL Reports"	

Relinquished By: Kelly R Titkemeier Company: MFA	Date: 3/21/18	Time: 13:10	Received By: AC SA Company:	Relinquished By: AC SA Company:	Date: 3-21-18	Time: 13:56

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Received For Lab By: [signature] Date: 3-21-18 Time: 14:00

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

April 03, 2018

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (503) 501-5216
FAX (360) 906-1958
RE: URIC / 8006.31.06/01

Dear Merideth D'Andrea: Order No.: 1803205

Specialty Analytical received 10 sample(s) on 3/22/2018 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 9:08:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-001
Client Sample ID: MW04-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 7:44:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 7:44:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 7:44:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 7:44:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 7:44:00 PM
Tetrachloroethene	120	0.0580	1.00		µg/L	1	3/22/2018 7:44:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 7:44:00 PM
Trichloroethene	1.58	0.0470	1.00		µg/L	1	3/22/2018 7:44:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 7:44:00 PM
Surr: 1,2-Dichloroethane-d4	98.6	75.3-126			%REC	1	3/22/2018 7:44:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	3/22/2018 7:44:00 PM
Surr: Dibromofluoromethane	103	74.2-122			%REC	1	3/22/2018 7:44:00 PM
Surr: Toluene-d8	98.5	76.2-135			%REC	1	3/22/2018 7:44:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 9:57:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-002
Client Sample ID: MW09-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:05:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 8:05:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:05:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 8:05:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 8:05:00 PM
Tetrachloroethene	16.7	0.0580	1.00		µg/L	1	3/22/2018 8:05:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 8:05:00 PM
Trichloroethene	70.7	0.0470	1.00		µg/L	1	3/22/2018 8:05:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 8:05:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126			%REC	1	3/22/2018 8:05:00 PM
Surr: 4-Bromofluorobenzene	99.9	78.1-120			%REC	1	3/22/2018 8:05:00 PM
Surr: Dibromofluoromethane	103	74.2-122			%REC	1	3/22/2018 8:05:00 PM
Surr: Toluene-d8	101	76.2-135			%REC	1	3/22/2018 8:05:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 10:29:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-003
Client Sample ID: MW08-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:26:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 8:26:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:26:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 8:26:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 8:26:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/22/2018 8:26:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 8:26:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 8:26:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 8:26:00 PM
Surr: 1,2-Dichloroethane-d4	95.7	75.3-126			%REC	1	3/22/2018 8:26:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/22/2018 8:26:00 PM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	3/22/2018 8:26:00 PM
Surr: Toluene-d8	99.2	76.2-135			%REC	1	3/22/2018 8:26:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 11:41:00 AM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-004
Client Sample ID: MW14-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:47:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 8:47:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 8:47:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 8:47:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 8:47:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/22/2018 8:47:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 8:47:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/22/2018 8:47:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 8:47:00 PM
Surr: 1,2-Dichloroethane-d4	98.1	75.3-126			%REC	1	3/22/2018 8:47:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/22/2018 8:47:00 PM
Surr: Dibromofluoromethane	102	74.2-122			%REC	1	3/22/2018 8:47:00 PM
Surr: Toluene-d8	98.6	76.2-135			%REC	1	3/22/2018 8:47:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 12:18:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-005
Client Sample ID: MW05-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 9:08:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 9:08:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 9:08:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 9:08:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 9:08:00 PM
Tetrachloroethene	1290	0.580	10.0		µg/L	10	3/22/2018 10:53:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 9:08:00 PM
Trichloroethene	1.80	0.0470	1.00		µg/L	1	3/22/2018 9:08:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 9:08:00 PM
Surr: 1,2-Dichloroethane-d4	101	75.3-126			%REC	1	3/22/2018 9:08:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/22/2018 9:08:00 PM
Surr: Dibromofluoromethane	103	74.2-122			%REC	1	3/22/2018 9:08:00 PM
Surr: Toluene-d8	97.1	76.2-135			%REC	1	3/22/2018 9:08:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 12:18:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-006
Client Sample ID: MW05-032118-DUP
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 9:29:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/22/2018 9:29:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/22/2018 9:29:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/22/2018 9:29:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/22/2018 9:29:00 PM
Tetrachloroethene	1450	0.580	10.0		µg/L	10	3/22/2018 11:13:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/22/2018 9:29:00 PM
Trichloroethene	1.82	0.0470	1.00		µg/L	1	3/22/2018 9:29:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/22/2018 9:29:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	75.3-126			%REC	1	3/22/2018 9:29:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	3/22/2018 9:29:00 PM
Surr: Dibromofluoromethane	103	74.2-122			%REC	1	3/22/2018 9:29:00 PM
Surr: Toluene-d8	95.7	76.2-135			%REC	1	3/22/2018 9:29:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 1:12:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-007
Client Sample ID: MW07-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 1:21:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/29/2018 1:21:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 1:21:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/29/2018 1:21:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/29/2018 1:21:00 PM
Tetrachloroethene	0.670	0.0580	1.00	J	µg/L	1	3/29/2018 1:21:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/29/2018 1:21:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/29/2018 1:21:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/29/2018 1:21:00 PM
Surr: 1,2-Dichloroethane-d4	97.5	75.3-126			%REC	1	3/29/2018 1:21:00 PM
Surr: 4-Bromofluorobenzene	99.6	78.1-120			%REC	1	3/29/2018 1:21:00 PM
Surr: Dibromofluoromethane	102	74.2-122			%REC	1	3/29/2018 1:21:00 PM
Surr: Toluene-d8	94.9	76.2-135			%REC	1	3/29/2018 1:21:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 2:55:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-008
Client Sample ID: MW17-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 1:42:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/29/2018 1:42:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 1:42:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/29/2018 1:42:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/29/2018 1:42:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/29/2018 1:42:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/29/2018 1:42:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/29/2018 1:42:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/29/2018 1:42:00 PM
Surr: 1,2-Dichloroethane-d4	98.5	75.3-126			%REC	1	3/29/2018 1:42:00 PM
Surr: 4-Bromofluorobenzene	91.8	78.1-120			%REC	1	3/29/2018 1:42:00 PM
Surr: Dibromofluoromethane	101	74.2-122			%REC	1	3/29/2018 1:42:00 PM
Surr: Toluene-d8	94.1	76.2-135			%REC	1	3/29/2018 1:42:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018 3:31:00 PM
Project: URIC / 8006.31.06/01
Lab ID: 1803205-009
Client Sample ID: MW10-032118
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 2:03:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/29/2018 2:03:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 2:03:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/29/2018 2:03:00 PM
cis-1,2-Dichloroethene	1.30	0.0450	1.00		µg/L	1	3/29/2018 2:03:00 PM
Tetrachloroethene	89.2	0.0580	1.00		µg/L	1	3/29/2018 2:03:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/29/2018 2:03:00 PM
Trichloroethene	64.2	0.0470	1.00		µg/L	1	3/29/2018 2:03:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/29/2018 2:03:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126			%REC	1	3/29/2018 2:03:00 PM
Surr: 4-Bromofluorobenzene	93.8	78.1-120			%REC	1	3/29/2018 2:03:00 PM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	3/29/2018 2:03:00 PM
Surr: Toluene-d8	95.1	76.2-135			%REC	1	3/29/2018 2:03:00 PM

Specialty Analytical

Date Reported: 03-Apr-18

CLIENT: Maul Foster & Alongi
Collection Date: 3/21/2018
Project: URIC / 8006.31.06/01
Lab ID: 1803205-010
Client Sample ID: Trip Blank
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 2:24:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/29/2018 2:24:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/29/2018 2:24:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/29/2018 2:24:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/29/2018 2:24:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/29/2018 2:24:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/29/2018 2:24:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/29/2018 2:24:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/29/2018 2:24:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	75.3-126			%REC	1	3/29/2018 2:24:00 PM
Surr: 4-Bromofluorobenzene	92.7	78.1-120			%REC	1	3/29/2018 2:24:00 PM
Surr: Dibromofluoromethane	102	74.2-122			%REC	1	3/29/2018 2:24:00 PM
Surr: Toluene-d8	95.7	76.2-135			%REC	1	3/29/2018 2:24:00 PM

QC SUMMARY REPORT

WO#: **1803205**

03-Apr-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3011**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **CCV**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339696**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.0	1.00	40.00	0	107	80	120				
Vinyl chloride	41.6	1.00	40.00	0	104	80	120				

Sample ID **LCS MSVWS-3012**	SampType: **LCS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **LCSW**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.6	1.00	40.00	0	104	61.2	135				
Trichloroethene	41.1	1.00	40.00	0	103	68.5	124				

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **25283**
Client ID: **PBW**	Batch ID: **R25283**	TestNo: **SW8260B**		Analysis Date: **3/22/2018**	SeqNo: **339698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1803205**

03-Apr-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **PBW** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	99.7		100.0		99.7	75.3	126				
Surr: 4-Bromofluorobenzene	99.3		100.0		99.3	78.1	120				
Surr: Dibromofluoromethane	104		100.0		104	74.2	122				
Surr: Toluene-d8	101		100.0		101	76.2	135				

Sample ID **1803193-004AMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **ZZZZZZ** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339714**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4390	100	4000	0	110	47.8	165				
Trichloroethene	4340	100	4000	0	108	50.8	164				

Sample ID **1803193-004AMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25283**

Client ID: **ZZZZZZ** Batch ID: **R25283** TestNo: **SW8260B** Analysis Date: **3/22/2018** SeqNo: **339715**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4370	100	4000	0	109	47.8	165	4394	0.548	20	
Trichloroethene	4190	100	4000	0	105	50.8	164	4336	3.33	20	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1803205**

03-Apr-18

Specialty Analytical

Client: Maul Foster & Alongi
Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3014** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**
Client ID: **CCV** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340763**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.0	1.00	40.00	0	92.5	80	120				
Vinyl chloride	39.9	1.00	40.00	0	99.7	80	120				

Sample ID **LCS MSVWS-3015** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**
Client ID: **LCSW** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340764**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.9	1.00	40.00	0	87.2	61.2	135				
Trichloroethene	38.7	1.00	40.00	0	96.7	68.5	124				

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**
Client ID: **PBW** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1803205**

03-Apr-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.06/01 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**

Client ID: **PBW** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	99.6		100.0		99.6	75.3	126				
Surr: 4-Bromofluorobenzene	92.0		100.0		92.0	78.1	120				
Surr: Dibromofluoromethane	103		100.0		103	74.2	122				
Surr: Toluene-d8	95.5		100.0		95.5	76.2	135				

Sample ID **A1803248-001FMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**

Client ID: **ZZZZZZ** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.4	1.00	40.00	0	106	47.8	165				
Trichloroethene	41.9	1.00	40.00	0	105	50.8	164				

Sample ID **A1803248-001FMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **25368**

Client ID: **ZZZZZZ** Batch ID: **R25368** TestNo: **SW8260B** Analysis Date: **3/29/2018** SeqNo: **340781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.6	1.00	40.00	0	101	47.8	165	42.41	4.41	20	
Trichloroethene	39.2	1.00	40.00	0	98.1	50.8	164	41.89	6.56	20	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical

~~11711 SE Capps Road~~ 9011 SE Jannsen rd
Clackamas, OR 97015 Clackamas, OR
Phone: 503-607-1331 97015
Fax: 503-607-1336

Contact Person/Project Manager: Merideth D'Andrea
Company: Maul Foster & Alongi, Inc.
Address: 400 E. Mill Plain Blvd, Suite 400
Vancouver WA 98660
Phone: 360-694-2691 Fax:
Project No. 8006.31.06/01 Project Name: URIC
Project Site Location OR ____ WA ✓ Other ____
Invoice To: MFA P.O. No. ____

Collected By:
Signature: Kelly T. Ptemeier
Printed: Kelly T. Ptemeier
Signature: Allen Clements
Printed: Allen Clements

Turn Around Time
☑ Normal 5-7 Business Days
☐ Rush ____
Specify
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses: 1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride	1,1-DCA	1,2-DCA	Chloroethane	Comments	Lab I.D.
3/21/18	0908	MW04-032118	GW	5	X	X	X	X	X	X	X	X	X	Please provide	
	0957	MW09-032118			X	X	X	X	X	X	X	X	X	MDL reports	
	1029	MW08-032118			X	X	X	X	X	X	X	X	X		
	1141	MW14-032118			X	X	X	X	X	X	X	X	X		
	1218	MW05-032118			X	X	X	X	X	X	X	X	X		
	1218	MW05-032118-DUP			X	X	X	X	X	X	X	X	X		
	1312	MW07-032118			X	X	X	X	X	X	X	X	X		
	1455	MW17-032118			X	X	X	X	X	X	X	X	X		
↓	1531	MW10-032118	↓	↓	X	X	X	X	X	X	X	X	X		
3/21/18	—	TRIP BLANK	W	2	X	X	X	X	X	X	X	X	X		

For Laboratory Use
Lab Job No. 1803205
Shipped Via SA
Air Bill No. ____
Temperature On Receipt 4 °C
Specialty Analytical Containers? Y / N
Specialty Analytical Trip Blanks? Y / N

Relinquished By	Date	Time	Received By	Relinquished By	Date	Time
Company: MFA	3/22/18	1223	Company: ALSA	Company: ALSA	3-22-18	13:30

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Received For Lab By: ____ Date 3.22.18 Time 13:30

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 20, 2018

Andrew Vidourek
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX (360) 906-1958

RE: URIC/Park Laundry / 8006.31.05

Dear Andrew Vidourek: Order No.: 1809087

Specialty Analytical received 8 sample(s) on 9/14/2018 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/13/2018 3:40:00 PM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-001
Client Sample ID: MW06-091318
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:17:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/14/2018 10:17:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:17:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	9/14/2018 10:17:00 PM
cis-1,2-Dichloroethene	1.24	0.0450	1.00		µg/L	1	9/14/2018 10:17:00 PM
Tetrachloroethene	1.12	0.0580	1.00		µg/L	1	9/14/2018 10:17:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/14/2018 10:17:00 PM
Trichloroethene	1.87	0.0470	1.00		µg/L	1	9/14/2018 10:17:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/14/2018 10:17:00 PM
Surr: 1,2-Dichloroethane-d4	97.1	75.3-126			%REC	1	9/14/2018 10:17:00 PM
Surr: 4-Bromofluorobenzene	108	78.1-120			%REC	1	9/14/2018 10:17:00 PM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	9/14/2018 10:17:00 PM
Surr: Toluene-d8	110	76.2-135			%REC	1	9/14/2018 10:17:00 PM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/12/2018 11:41:00 AM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-002
Client Sample ID: MW09-091218
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:38:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/14/2018 10:38:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:38:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	9/14/2018 10:38:00 PM
cis-1,2-Dichloroethene	1.22	0.0450	1.00		µg/L	1	9/14/2018 10:38:00 PM
Tetrachloroethene	36.3	0.0580	1.00		µg/L	1	9/14/2018 10:38:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/14/2018 10:38:00 PM
Trichloroethene	110	0.0470	1.00		µg/L	1	9/14/2018 10:38:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/14/2018 10:38:00 PM
Surr: 1,2-Dichloroethane-d4	97.7	75.3-126			%REC	1	9/14/2018 10:38:00 PM
Surr: 4-Bromofluorobenzene	106	78.1-120			%REC	1	9/14/2018 10:38:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	9/14/2018 10:38:00 PM
Surr: Toluene-d8	106	76.2-135			%REC	1	9/14/2018 10:38:00 PM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/13/2018 2:24:00 PM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-003
Client Sample ID: MW10-091318
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:59:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/14/2018 10:59:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 10:59:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	9/14/2018 10:59:00 PM
cis-1,2-Dichloroethene	0.750	0.0450	1.00	J	µg/L	1	9/14/2018 10:59:00 PM
Tetrachloroethene	100	0.0580	1.00		µg/L	1	9/14/2018 10:59:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/14/2018 10:59:00 PM
Trichloroethene	65.7	0.0470	1.00		µg/L	1	9/14/2018 10:59:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/14/2018 10:59:00 PM
Surr: 1,2-Dichloroethane-d4	97.7	75.3-126			%REC	1	9/14/2018 10:59:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	9/14/2018 10:59:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	9/14/2018 10:59:00 PM
Surr: Toluene-d8	106	76.2-135			%REC	1	9/14/2018 10:59:00 PM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/13/2018 2:24:00 PM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-004
Client Sample ID: MW10-091318-DUP
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 11:20:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/14/2018 11:20:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 11:20:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	9/14/2018 11:20:00 PM
cis-1,2-Dichloroethene	0.770	0.0450	1.00	J	µg/L	1	9/14/2018 11:20:00 PM
Tetrachloroethene	109	0.0580	1.00		µg/L	1	9/14/2018 11:20:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/14/2018 11:20:00 PM
Trichloroethene	62.6	0.0470	1.00		µg/L	1	9/14/2018 11:20:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/14/2018 11:20:00 PM
Surr: 1,2-Dichloroethane-d4	99.4	75.3-126			%REC	1	9/14/2018 11:20:00 PM
Surr: 4-Bromofluorobenzene	106	78.1-120			%REC	1	9/14/2018 11:20:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	9/14/2018 11:20:00 PM
Surr: Toluene-d8	107	76.2-135			%REC	1	9/14/2018 11:20:00 PM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/12/2018 2:24:00 PM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-005
Client Sample ID: MW11-091218
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 11:41:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/14/2018 11:41:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/14/2018 11:41:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	9/14/2018 11:41:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	9/14/2018 11:41:00 PM
Tetrachloroethene	19.2	0.0580	1.00		µg/L	1	9/14/2018 11:41:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/14/2018 11:41:00 PM
Trichloroethene	5.43	0.0470	1.00		µg/L	1	9/14/2018 11:41:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/14/2018 11:41:00 PM
Surr: 1,2-Dichloroethane-d4	96.0	75.3-126			%REC	1	9/14/2018 11:41:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120			%REC	1	9/14/2018 11:41:00 PM
Surr: Dibromofluoromethane	103	74.2-122			%REC	1	9/14/2018 11:41:00 PM
Surr: Toluene-d8	104	76.2-135			%REC	1	9/14/2018 11:41:00 PM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/13/2018 11:34:00 AM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-006
Client Sample ID: MW15-091318
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:02:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/15/2018 12:02:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:02:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	9/15/2018 12:02:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	9/15/2018 12:02:00 AM
Tetrachloroethene	14.6	0.0580	1.00		µg/L	1	9/15/2018 12:02:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/15/2018 12:02:00 AM
Trichloroethene	0.430	0.0470	1.00	J	µg/L	1	9/15/2018 12:02:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/15/2018 12:02:00 AM
Surr: 1,2-Dichloroethane-d4	85.9	75.3-126			%REC	1	9/15/2018 12:02:00 AM
Surr: 4-Bromofluorobenzene	101	78.1-120			%REC	1	9/15/2018 12:02:00 AM
Surr: Dibromofluoromethane	99.0	74.2-122			%REC	1	9/15/2018 12:02:00 AM
Surr: Toluene-d8	113	76.2-135			%REC	1	9/15/2018 12:02:00 AM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/12/2018 9:13:00 AM
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-007
Client Sample ID: MW21-091218
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:23:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/15/2018 12:23:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:23:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	9/15/2018 12:23:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	9/15/2018 12:23:00 AM
Tetrachloroethene	852	2.90	50.0		µg/L	50	9/17/2018 4:24:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/15/2018 12:23:00 AM
Trichloroethene	0.340	0.0470	1.00	J	µg/L	1	9/15/2018 12:23:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/15/2018 12:23:00 AM
Surr: 1,2-Dichloroethane-d4	99.4	75.3-126			%REC	1	9/15/2018 12:23:00 AM
Surr: 4-Bromofluorobenzene	105	78.1-120			%REC	1	9/15/2018 12:23:00 AM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	9/15/2018 12:23:00 AM
Surr: Toluene-d8	103	76.2-135			%REC	1	9/15/2018 12:23:00 AM

Specialty Analytical

Date Reported: 20-Sep-18

CLIENT: Maul Foster & Alongi
Collection Date: 9/13/2018
Project: URIC/Park Laundry / 8006.31.05
Lab ID: 1809087-008
Client Sample ID: Trip Blank
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260B**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:44:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	9/15/2018 12:44:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	9/15/2018 12:44:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	9/15/2018 12:44:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	9/15/2018 12:44:00 AM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	9/15/2018 12:44:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	9/15/2018 12:44:00 AM
Trichloroethene	ND	0.0470	1.00		µg/L	1	9/15/2018 12:44:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	9/15/2018 12:44:00 AM
Surr: 1,2-Dichloroethane-d4	95.8	75.3-126			%REC	1	9/15/2018 12:44:00 AM
Surr: 4-Bromofluorobenzene	108	78.1-120			%REC	1	9/15/2018 12:44:00 AM
Surr: Dibromofluoromethane	104	74.2-122			%REC	1	9/15/2018 12:44:00 AM
Surr: Toluene-d8	107	76.2-135			%REC	1	9/15/2018 12:44:00 AM

QC SUMMARY REPORT

WO#: **1809087**

Specialty Analytical

20-Sep-18

Client: Maul Foster & Alongi

Project: URIC/Park Laundry / 8006.31.05 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3021** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **CCV** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/14/2018** SeqNo: **368499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.8	1.00	40.00	0	94.5	80	120				
Vinyl chloride	36.8	1.00	40.00	0	91.9	80	120				

Sample ID **LCS MSVWS-3022** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **LCSW** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/14/2018** SeqNo: **368500**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.5	1.00	40.00	0	101	61.2	135				
Trichloroethene	41.5	1.00	40.00	0	104	68.5	124				

Sample ID **A1809075-001AMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **ZZZZZZ** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/14/2018** SeqNo: **368501**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	352	10.0	400.0	0	87.9	47.8	165				
Trichloroethene	346	10.0	400.0	0	86.6	50.8	164				

Sample ID **A1809075-001AMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **ZZZZZZ** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/14/2018** SeqNo: **368502**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	361	10.0	400.0	0	90.2	47.8	165	351.7	2.61	20	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1809087**

Specialty Analytical

20-Sep-18

Client: Maul Foster & Alongi

Project: URIC/Park Laundry / 8006.31.05 **TestCode:** **8260_W**

Sample ID **A1809075-001AMSD**	SampType: **MSD**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **27493**
Client ID: **ZZZZZZ**	Batch ID: **R27493**	TestNo: **SW8260B**		Analysis Date: **9/14/2018**	SeqNo: **368502**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	359	10.0	400.0	0	89.8	50.8	164	346.3	3.63	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **27493**
Client ID: **PBW**	Batch ID: **R27493**	TestNo: **SW8260B**		Analysis Date: **9/14/2018**	SeqNo: **368503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	97.0		100.0		97.0	75.3	126				
Surr: 4-Bromofluorobenzene	108		100.0		108	78.1	120				
Surr: Dibromofluoromethane	101		100.0		101	74.2	122				
Surr: Toluene-d8	112		100.0		112	76.2	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1809087**

Specialty Analytical

20-Sep-18

Client: Maul Foster & Alongi

Project: URIC/Park Laundry / 8006.31.05 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3021** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **CCV** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/17/2018** SeqNo: **368522**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.6	1.00	40.00	0	102	80	120				
Vinyl chloride	37.4	1.00	40.00	0	93.6	80	120				

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **27493**

Client ID: **CCB** Batch ID: **R27493** TestNo: **SW8260B** Analysis Date: **9/17/2018** SeqNo: **368523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.0		100.0		96.0	75.3	126				
Surr: 4-Bromofluorobenzene	105		100.0		105	78.1	120				
Surr: Dibromofluoromethane	103		100.0		103	74.2	122				
Surr: Toluene-d8	103		100.0		103	76.2	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

Chain of Custody Record

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Date: 9/14/18 | Page: 1 of: 1 | Laboratory Project No (internal): 1809087

Project Name: URIC / Park Laundry | Temperature on Receipt: 4.4°C

Project No: 8006.31.05 | PO No: 8006.31.05 | Custody Seal: Y / (N) Intact / Broken

Client: MFA | Collected by: A. Clements / J. McMaster | Notes:

Address: 2001 NW 19th Ave Ste 200 | State Collected: OR (WA) OTHER | Shipped Via: SA

City, State, Zip: Portland, OR 97209 | Report To (PM): Andrew Vidourek | Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

Telephone: 971-544-2139 | PM Email: avidourek@mcmaster.com

Invoice To: MFA

Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: 1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	vinyl chloride	1,1-DCA	1,2-DCA	chloroethane				Comments
1 MW06-091318	9/13/18	1540	GW	5	X	X	X	X	X	X	X	X	X				Please provide MDL reports
2 MW09-091218	9/12/18	1141															
3 MW10-091318	9/13/18	1424															
4 MW10-091318-DUP	9/13/18	1424															
5 MW11-091218	9/12/18	1424															
6 MW15-091318	9/13/18	1134															
7 MW21-091218	9/12/18	0913	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓				
8																	
9 Trip Blank	9/13/18	-	H2O	2	X	X	X	X	X	X	X	X	X				
10																	

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

Turn-around Time: Standard (5-7 Business): X 3 Day: _____ 2 Day: _____ Next Day: _____ Same Day: _____

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/14/18 0900	x [signature]	9/14/18 1400
x [signature]	9/14/18 1545	x [signature]	9.14.18 1545

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 20, 2019

Andrew Vidourek
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX (360) 906-1958

RE: URIC / Park Laundry / 8006.31.06

Dear Andrew Vidourek: Order No.: 1903101

Specialty Analytical received 8 sample(s) on 3/13/2019 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Case Narrative

WO#: **1903101**

Date: **3/20/2019**

CLIENT: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06

Revision 1.

Report revised to correct sample ID MW10-031119-DUP to reflect chain of custody.

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/11/2019 9:16:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-001
Client Sample ID: MW21-031119
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			**SW8260D**				Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/16/2019 12:17:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/16/2019 12:17:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/16/2019 12:17:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	3/16/2019 12:17:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/16/2019 12:17:00 AM
Tetrachloroethene	268	2.90	50.0		µg/L	50	3/15/2019 6:23:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/16/2019 12:17:00 AM
Trichloroethene	0.310	0.0470	1.00	J	µg/L	1	3/16/2019 12:17:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/16/2019 12:17:00 AM
Surr: 1,2-Dichloroethane-d4	98.6	75.3-126			%REC	1	3/16/2019 12:17:00 AM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/16/2019 12:17:00 AM
Surr: Dibromofluoromethane	110	74.2-122			%REC	1	3/16/2019 12:17:00 AM
Surr: Toluene-d8	105	76.2-135			%REC	1	3/16/2019 12:17:00 AM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/11/2019 11:29:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-002
Client Sample ID: MW09-031119
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 6:44:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 6:44:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 6:44:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 6:44:00 PM
cis-1,2-Dichloroethene	0.760	0.0450	1.00	J	µg/L	1	3/15/2019 6:44:00 PM
Tetrachloroethene	16.3	0.0580	1.00		µg/L	1	3/15/2019 6:44:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 6:44:00 PM
Trichloroethene	89.6	0.0470	1.00		µg/L	1	3/15/2019 6:44:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 6:44:00 PM
Surr: 1,2-Dichloroethane-d4	98.9	75.3-126			%REC	1	3/15/2019 6:44:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/15/2019 6:44:00 PM
Surr: Dibromofluoromethane	111	74.2-122			%REC	1	3/15/2019 6:44:00 PM
Surr: Toluene-d8	109	76.2-135			%REC	1	3/15/2019 6:44:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/11/2019 1:07:00 PM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-003
Client Sample ID: MW11-031119
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 7:05:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 7:05:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 7:05:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 7:05:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/15/2019 7:05:00 PM
Tetrachloroethene	14.5	0.0580	1.00		µg/L	1	3/15/2019 7:05:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 7:05:00 PM
Trichloroethene	4.47	0.0470	1.00		µg/L	1	3/15/2019 7:05:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 7:05:00 PM
Surr: 1,2-Dichloroethane-d4	98.7	75.3-126			%REC	1	3/15/2019 7:05:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120			%REC	1	3/15/2019 7:05:00 PM
Surr: Dibromofluoromethane	114	74.2-122			%REC	1	3/15/2019 7:05:00 PM
Surr: Toluene-d8	106	76.2-135			%REC	1	3/15/2019 7:05:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/11/2019 2:14:00 PM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-004
Client Sample ID: MW10-031119
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 9:09:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 9:09:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 9:09:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 9:09:00 PM
cis-1,2-Dichloroethene	1.42	0.0450	1.00		µg/L	1	3/15/2019 9:09:00 PM
Tetrachloroethene	93.7	0.0580	1.00		µg/L	1	3/15/2019 9:09:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 9:09:00 PM
Trichloroethene	114	0.0470	1.00		µg/L	1	3/15/2019 9:09:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 9:09:00 PM
Surr: 1,2-Dichloroethane-d4	99.9	75.3-126			%REC	1	3/15/2019 9:09:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120			%REC	1	3/15/2019 9:09:00 PM
Surr: Dibromofluoromethane	116	74.2-122			%REC	1	3/15/2019 9:09:00 PM
Surr: Toluene-d8	126	76.2-135			%REC	1	3/15/2019 9:09:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/11/2019 2:14:00 PM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-005
Client Sample ID: MW10-031119-DUP
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 9:30:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 9:30:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 9:30:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 9:30:00 PM
cis-1,2-Dichloroethene	1.27	0.0450	1.00		µg/L	1	3/15/2019 9:30:00 PM
Tetrachloroethene	93.0	0.0580	1.00		µg/L	1	3/15/2019 9:30:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 9:30:00 PM
Trichloroethene	100	0.0470	1.00		µg/L	1	3/15/2019 9:30:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 9:30:00 PM
Surr: 1,2-Dichloroethane-d4	104	75.3-126			%REC	1	3/15/2019 9:30:00 PM
Surr: 4-Bromofluorobenzene	95.5	78.1-120			%REC	1	3/15/2019 9:30:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/15/2019 9:30:00 PM
Surr: Toluene-d8	98.0	76.2-135			%REC	1	3/15/2019 9:30:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/12/2019 9:00:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-006
Client Sample ID: MW06-031219
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 8:06:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 8:06:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 8:06:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 8:06:00 PM
cis-1,2-Dichloroethene	2.40	0.0450	1.00		µg/L	1	3/15/2019 8:06:00 PM
Tetrachloroethene	0.930	0.0580	1.00	J	µg/L	1	3/15/2019 8:06:00 PM
trans-1,2-Dichloroethene	0.310	0.0380	1.00	J	µg/L	1	3/15/2019 8:06:00 PM
Trichloroethene	2.68	0.0470	1.00		µg/L	1	3/15/2019 8:06:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 8:06:00 PM
Surr: 1,2-Dichloroethane-d4	98.0	75.3-126			%REC	1	3/15/2019 8:06:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120			%REC	1	3/15/2019 8:06:00 PM
Surr: Dibromofluoromethane	108	74.2-122			%REC	1	3/15/2019 8:06:00 PM
Surr: Toluene-d8	105	76.2-135			%REC	1	3/15/2019 8:06:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/12/2019 9:37:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-007
Client Sample ID: MW15-031219
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			**SW8260D**				Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 8:28:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 8:28:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 8:28:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 8:28:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/15/2019 8:28:00 PM
Tetrachloroethene	10.4	0.0580	1.00		µg/L	1	3/15/2019 8:28:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 8:28:00 PM
Trichloroethene	0.520	0.0470	1.00	J	µg/L	1	3/15/2019 8:28:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 8:28:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126			%REC	1	3/15/2019 8:28:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/15/2019 8:28:00 PM
Surr: Dibromofluoromethane	108	74.2-122			%REC	1	3/15/2019 8:28:00 PM
Surr: Toluene-d8	104	76.2-135			%REC	1	3/15/2019 8:28:00 PM

Specialty Analytical

Date Reported: 20-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date:
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903101-008
Client Sample ID: Trip Blank
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 4:17:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/15/2019 4:17:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/15/2019 4:17:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/15/2019 4:17:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/15/2019 4:17:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/15/2019 4:17:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/15/2019 4:17:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/15/2019 4:17:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/15/2019 4:17:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	75.3-126			%REC	1	3/15/2019 4:17:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/15/2019 4:17:00 PM
Surr: Dibromofluoromethane	112	74.2-122			%REC	1	3/15/2019 4:17:00 PM
Surr: Toluene-d8	110	76.2-135			%REC	1	3/15/2019 4:17:00 PM

QC SUMMARY REPORT

WO#: **1903101**

Specialty Analytical

11-Apr-19

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode: 8260_W**

Sample ID **CCV MSVWS-3027** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **29922**

Client ID: **CCV** Batch ID: **R29922** TestNo: **SW8260D** Analysis Date: **3/15/2019** SeqNo: **398498**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	42.6	1.00	40.00	0	106	80	120				
1,1-Dichloroethene	39.6	1.00	40.00	0	99.0	80	120				
1,2-Dichloroethane	41.4	1.00	40.00	0	104	80	120				
Chloroethane	44.7	1.00	40.00	0	112	80	120				
cis-1,2-Dichloroethene	46.2	1.00	40.00	0	115	80	120				
Tetrachloroethene	46.8	1.00	40.00	0	117	80	120				
trans-1,2-Dichloroethene	45.8	1.00	40.00	0	115	80	120				
Trichloroethene	45.6	1.00	40.00	0	114	80	120				
Vinyl chloride	40.1	1.00	40.00	0	100	80	120				

Sample ID **B1903126-001AMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **29922**

Client ID: **ZZZZZZ** Batch ID: **R29922** TestNo: **SW8260D** Analysis Date: **3/15/2019** SeqNo: **398499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	3920	100	4000	0	98.0	70	130				
1,1-Dichloroethene	3620	100	4000	0	90.4	47.8	165				
1,2-Dichloroethane	3740	100	4000	0	93.4	70	130				
Chloroethane	3640	100	4000	0	90.9	70	130				
cis-1,2-Dichloroethene	4200	100	4000	0	105	70	130				
Tetrachloroethene	4420	100	4000	0	111	70	130				
trans-1,2-Dichloroethene	4270	100	4000	0	107	70	130				
Trichloroethene	4230	100	4000	0	106	50.8	164				
Vinyl chloride	3960	100	4000	0	99.1	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1903101**

11-Apr-19

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode:** **8260_W**

Sample ID **B1903126-001AMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **29922**

Client ID: **ZZZZZZ** Batch ID: **R29922** TestNo: **SW8260D** Analysis Date: **3/15/2019** SeqNo: **398500**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	3820	100	4000	0	95.6	70	130	3918	2.48	30	
1,1-Dichloroethene	3700	100	4000	0	92.4	47.8	165	3618	2.13	30	
1,2-Dichloroethane	3990	100	4000	0	99.8	70	130	3737	6.55	30	
Chloroethane	4090	100	4000	0	102	70	130	3636	11.8	30	
cis-1,2-Dichloroethene	4200	100	4000	0	105	70	130	4199	0.0715	30	
Tetrachloroethene	4200	100	4000	0	105	70	130	4422	5.27	30	
trans-1,2-Dichloroethene	4220	100	4000	0	106	70	130	4267	1.06	30	
Trichloroethene	4170	100	4000	0	104	50.8	164	4234	1.62	30	
Vinyl chloride	3730	100	4000	0	93.4	70	130	3964	5.98	30	

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **29922**

Client ID: **PBW** Batch ID: **R29922** TestNo: **SW8260D** Analysis Date: **3/15/2019** SeqNo: **398501**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.3		100.0		98.3	75.3	126				

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1903101**

11-Apr-19

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **29922**
Client ID: **PBW**	Batch ID: **R29922**	TestNo: **SW8260D**		Analysis Date: **3/15/2019**	SeqNo: **398501**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	112		100.0		112	74.2	122				
Surr: Toluene-d8	109		100.0		109	76.2	135				

Sample ID **LCS MSVWS-3028**	SampType: **LCS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **29922**
Client ID: **LCSW**	Batch ID: **R29922**	TestNo: **SW8260D**		Analysis Date: **3/15/2019**	SeqNo: **398568**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	42.6	1.00	40.00	0	106	80	120				
1,1-Dichloroethene	39.6	1.00	40.00	0	99.0	61.2	135				
1,2-Dichloroethane	41.4	1.00	40.00	0	104	80	120				
Chloroethane	44.7	1.00	40.00	0	112	80	120				
cis-1,2-Dichloroethene	46.2	1.00	40.00	0	115	80	120				
Tetrachloroethene	46.1	1.00	40.00	0	115	80	120				
trans-1,2-Dichloroethene	45.8	1.00	40.00	0	115	82	120				
Trichloroethene	45.6	1.00	40.00	0	114	68.5	124				
Vinyl chloride	40.1	1.00	40.00	0	100	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

Chain of Custody Record

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Date: 3/12/2019 Page: 1 of: 1
Project Name: URIC / Park Laundry
Project No: 8006.31.06 PO No: 8006.31.06
Collected by: ACC / MVP
State Collected: OR (WA) OTHER
Report To (PM): Andrew Vidourek
PM Email: avidourek@maulfoster.com

Laboratory Project No (internal): 1903101
Temperature on Receipt: 2.4°C
Custody Seal: (X) (N) Intact / Broken
Notes:
Shipped Via: SA
Sample Disposal: ☐ Return to client (X) Disposal by lab (after 60 days)

Client: MFA
Address: 109 E 13th Street
City, State, Zip: Vancouver, WA 98660
Telephone: (360) 433-0248
Invoice To: MFA

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: 1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	TCE				Comments
1	MW21-031119	3/11/19	0916	GW	5	X	X	X	X	X	X	X	X	✓				please provide MDL reports
2	MW09-031119	3/11/19	1129	GW	5	X	X	X	X	X	X	X	X	✓				
3	MW11-031119	3/11/19	1307	GW	5	X	X	X	X	X	X	X	X	✓				
4	MW10-031119	3/11/19	1414	GW	5	X	X	X	X	X	X	X	X	✓				*TCE added to analyte
5	MW10-031119-DUP	3/11/19	1414	GW	5	X	X	X	X	X	X	X	X	✓				list 3/19/19 per client
6	MW06-031219	3/12/19	0900	GW	5	X	X	X	X	X	X	X	X	✓				request. SH 3/19/19
7	MW15-031219	3/12/19	0937	GW	5	X	X	X	X	X	X	X	X	✓				
8																		
9																		
10	Trip blank			H_2O	2	X	X	X	X	X	X	X	X	✓				

*Matrix: A=Air, AQ=Aqueous, L=Liquid, O=Other, P=Product, S=Soil, SD=Sediment, SL=Solid, W=Water, DW=Drinking Water, GW=Ground Water, SW=Storm Water, WW=Waste Water

Turn-around Time: Standard (5-7 Business): X 3 Day: _____ 2 Day: _____ Next Day: _____ Same Day: _____

Relinquished	Date/Time	Received	Date/Time
x VICTORIA O'DANIEL	3/13/19 11:55am	x [signature]	3-13-19 1153
x [signature]	3-13-19 1324	x [signature]	3/13/19 1324

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 28, 2019

Andrew Vidourek
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX (360) 906-1958

RE: URIC / Park Laundry / 8006.31.06

Dear Andrew Vidourek: Order No.: 1903172

Specialty Analytical received 5 sample(s) on 3/21/2019 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

Date Reported: 28-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2019 10:30:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903172-001
Client Sample ID: MW47D-032019
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 12:37:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/25/2019 12:37:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 12:37:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/25/2019 12:37:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/25/2019 12:37:00 PM
Tetrachloroethene	5.29	0.0580	1.00		µg/L	1	3/25/2019 12:37:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/25/2019 12:37:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/25/2019 12:37:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/25/2019 12:37:00 PM
Surr: 1,2-Dichloroethane-d4	97.4	75.3-126			%REC	1	3/25/2019 12:37:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120			%REC	1	3/25/2019 12:37:00 PM
Surr: Dibromofluoromethane	106	74.2-122			%REC	1	3/25/2019 12:37:00 PM
Surr: Toluene-d8	102	76.2-135			%REC	1	3/25/2019 12:37:00 PM

Specialty Analytical

Date Reported: 28-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2019 11:40:00 AM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903172-002
Client Sample ID: MW29D-032019
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 12:59:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/25/2019 12:59:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 12:59:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/25/2019 12:59:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/25/2019 12:59:00 PM
Tetrachloroethene	1.26	0.0580	1.00		µg/L	1	3/25/2019 12:59:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/25/2019 12:59:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/25/2019 12:59:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/25/2019 12:59:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	75.3-126			%REC	1	3/25/2019 12:59:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120			%REC	1	3/25/2019 12:59:00 PM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/25/2019 12:59:00 PM
Surr: Toluene-d8	104	76.2-135			%REC	1	3/25/2019 12:59:00 PM

Specialty Analytical

Date Reported: 28-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2019 1:30:00 PM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903172-003
Client Sample ID: MW46D-032019
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 1:21:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/25/2019 1:21:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 1:21:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/25/2019 1:21:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/25/2019 1:21:00 PM
Tetrachloroethene	5.01	0.0580	1.00		µg/L	1	3/25/2019 1:21:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/25/2019 1:21:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/25/2019 1:21:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/25/2019 1:21:00 PM
Surr: 1,2-Dichloroethane-d4	98.5	75.3-126			%REC	1	3/25/2019 1:21:00 PM
Surr: 4-Bromofluorobenzene	106	78.1-120			%REC	1	3/25/2019 1:21:00 PM
Surr: Dibromofluoromethane	106	74.2-122			%REC	1	3/25/2019 1:21:00 PM
Surr: Toluene-d8	102	76.2-135			%REC	1	3/25/2019 1:21:00 PM

Specialty Analytical

Date Reported: 28-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date: 3/20/2019 2:35:00 PM
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903172-004
Client Sample ID: MW45D-032019
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 1:43:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/25/2019 1:43:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 1:43:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	3/25/2019 1:43:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/25/2019 1:43:00 PM
Tetrachloroethene	2.92	0.0580	1.00		µg/L	1	3/25/2019 1:43:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/25/2019 1:43:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/25/2019 1:43:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/25/2019 1:43:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	75.3-126			%REC	1	3/25/2019 1:43:00 PM
Surr: 4-Bromofluorobenzene	106	78.1-120			%REC	1	3/25/2019 1:43:00 PM
Surr: Dibromofluoromethane	106	74.2-122			%REC	1	3/25/2019 1:43:00 PM
Surr: Toluene-d8	103	76.2-135			%REC	1	3/25/2019 1:43:00 PM

Specialty Analytical

Date Reported: 28-Mar-19

CLIENT: Maul Foster & Alongi
Collection Date:
Project: URIC / Park Laundry / 8006.31.06
Lab ID: 1903172-005
Client Sample ID: Trip Blank
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**			Analyst: **CK**
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 11:39:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	3/25/2019 11:39:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	3/25/2019 11:39:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	3/25/2019 11:39:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	3/25/2019 11:39:00 AM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	3/25/2019 11:39:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	3/25/2019 11:39:00 AM
Trichloroethene	ND	0.0470	1.00		µg/L	1	3/25/2019 11:39:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	3/25/2019 11:39:00 AM
Surr: 1,2-Dichloroethane-d4	96.9	75.3-126			%REC	1	3/25/2019 11:39:00 AM
Surr: 4-Bromofluorobenzene	107	78.1-120			%REC	1	3/25/2019 11:39:00 AM
Surr: Dibromofluoromethane	105	74.2-122			%REC	1	3/25/2019 11:39:00 AM
Surr: Toluene-d8	105	76.2-135			%REC	1	3/25/2019 11:39:00 AM

QC SUMMARY REPORT

WO#: **1903172**

Specialty Analytical

28-Mar-19

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3027** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **CCV** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399824**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	36.6	1.00	40.00	0	91.6	80	120				
1,1-Dichloroethene	35.3	1.00	40.00	0	88.3	80	120				
1,2-Dichloroethane	38.9	1.00	40.00	0	97.2	80	120				
Chloroethane	32.8	1.00	40.00	0	82.0	80	120				
cis-1,2-Dichloroethene	39.7	1.00	40.00	0	99.4	80	120				
Tetrachloroethene	44.4	1.00	40.00	0	111	80	120				
trans-1,2-Dichloroethene	40.4	1.00	40.00	0	101	80	120				
Trichloroethene	40.2	1.00	40.00	0	100	80	120				
Vinyl chloride	35.8	1.00	40.00	0	89.5	80	120				

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **PBW** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399825**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.1		100.0		95.1	75.3	126				

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1903172**

Specialty Analytical

28-Mar-19

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **PBW** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399825**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	103		100.0		103	74.2	122				
Surr: Toluene-d8	103		100.0		103	76.2	135				

Sample ID **A1903181-003DMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **ZZZZZZ** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399832**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	45.8	1.00	40.00	0	114	70	130				
1,1-Dichloroethene	45.8	1.00	40.00	0	114	47.8	165				
1,2-Dichloroethane	46.6	1.00	40.00	0	117	70	130				
Chloroethane	37.4	1.00	40.00	0	93.6	70	130				
cis-1,2-Dichloroethene	113	1.00	40.00	64.77	121	70	130				
Tetrachloroethene	50.9	1.00	40.00	0	127	70	130				
trans-1,2-Dichloroethene	51.4	1.00	40.00	0	128	70	130				
Trichloroethene	49.8	1.00	40.00	0	124	50.8	164				
Vinyl chloride	140	1.00	40.00	92.92	119	70	130				

Sample ID **A1903181-003DMS** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **ZZZZZZ** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	45.3	1.00	40.00	0	113	70	130	45.79	1.12	20	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: **1903172**

28-Mar-19

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / Park Laundry / 8006.31.06 **TestCode:** **8260_W**

Sample ID **A1903181-003DMS** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **ZZZZZZ** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.3	1.00	40.00	0	108	47.8	165	45.78	5.57	20	
1,2-Dichloroethane	46.6	1.00	40.00	0	117	70	130	46.61	0.0858	20	
Chloroethane	40.9	1.00	40.00	0	102	70	130	37.43	8.84	20	
cis-1,2-Dichloroethene	111	1.00	40.00	64.77	115	70	130	113.3	2.45	20	
Tetrachloroethene	48.9	1.00	40.00	0	122	70	130	50.93	4.11	20	
trans-1,2-Dichloroethene	50.3	1.00	40.00	0	126	70	130	51.40	2.12	20	
Trichloroethene	50.7	1.00	40.00	0	127	50.8	164	49.76	1.93	20	
Vinyl chloride	134	1.00	40.00	92.92	103	70	130	140.4	4.61	20	

Sample ID **LCS MSVWS-3027** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **30035**

Client ID: **LCSW** Batch ID: **R30035** TestNo: **SW8260D** Analysis Date: **3/25/2019** SeqNo: **399842**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	36.6	1.00	40.00	0	91.6	80	120				
1,1-Dichloroethene	35.3	1.00	40.00	0	88.3	61.2	135				
1,2-Dichloroethane	38.9	1.00	40.00	0	97.2	80	120				
Chloroethane	32.8	1.00	40.00	0	82.0	80	120				
cis-1,2-Dichloroethene	39.7	1.00	40.00	0	99.4	80	120				
Tetrachloroethene	44.4	1.00	40.00	0	111	80	120				
trans-1,2-Dichloroethene	40.4	1.00	40.00	0	101	82	120				
Trichloroethene	40.2	1.00	40.00	0	100	68.5	124				
Vinyl chloride	35.8	1.00	40.00	0	89.5	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
A4	The product appears to be aged or degraded diesel.
B	The blank exhibited a positive result great than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
G	Result may be biased high due to biogenic interferences. Clean up is recommended.
H	Sample was analyzed outside recommended holding time.
HT	At clients request, samples was analyzed outside of recommended holding time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
MC	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits; post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

Chain of Custody Record

1903172

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Date: 3/20/2019 Page: 1 of: 1

Project Name: URIC/Park Laundry

Project No: 8006.31.06 PO No: 8006.31.06

Collected by: MVP/SMC

State Collected: OR (WA) OTHER

Report To (PM): Andrew Vidourek

PM Email: avidourek@maulfoster.com

Laboratory Project No (internal): ~~1903172~~ SH 3/21

Temperature on Receipt: 2.7°C

Custody Seal: Y / (N) Intact / Broken

Notes:

Shipped Via: SA

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

Client: MFA

Address: 109 E 13th Street

City, State, Zip: Vancouver, WA 98660

Telephone: (360) 433-0245

Invoice To: MFA

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: 1,1-DCE	cis-1,2-DCE	PCE	Trans-1,2-DCE	TCE	Vinyl chloride	1,1-DCA	1,2-DCA	Chloroethane				Comments
1	MW47D-032019	3/20/19	1050	GW	5	X	X	X	X	X	X	X	X	X				please provide MDL reports
2	MW29D-032019	3/20/19	1140	GW	5	X	X	X	X	X	X	X	X	X				
3	MW46D-032019	3/20/19	1330	GW	5	X	X	X	X	X	X	X	X	X				
4	MW45D-032019	3/20/19	1435	GW	5	X	X	X	X	X	X	X	X	X				
5																		
6																		
7																		
8																		
9																		
10	Trip Blank			W	1	X	X	X	X	X	X	X	X	X				

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

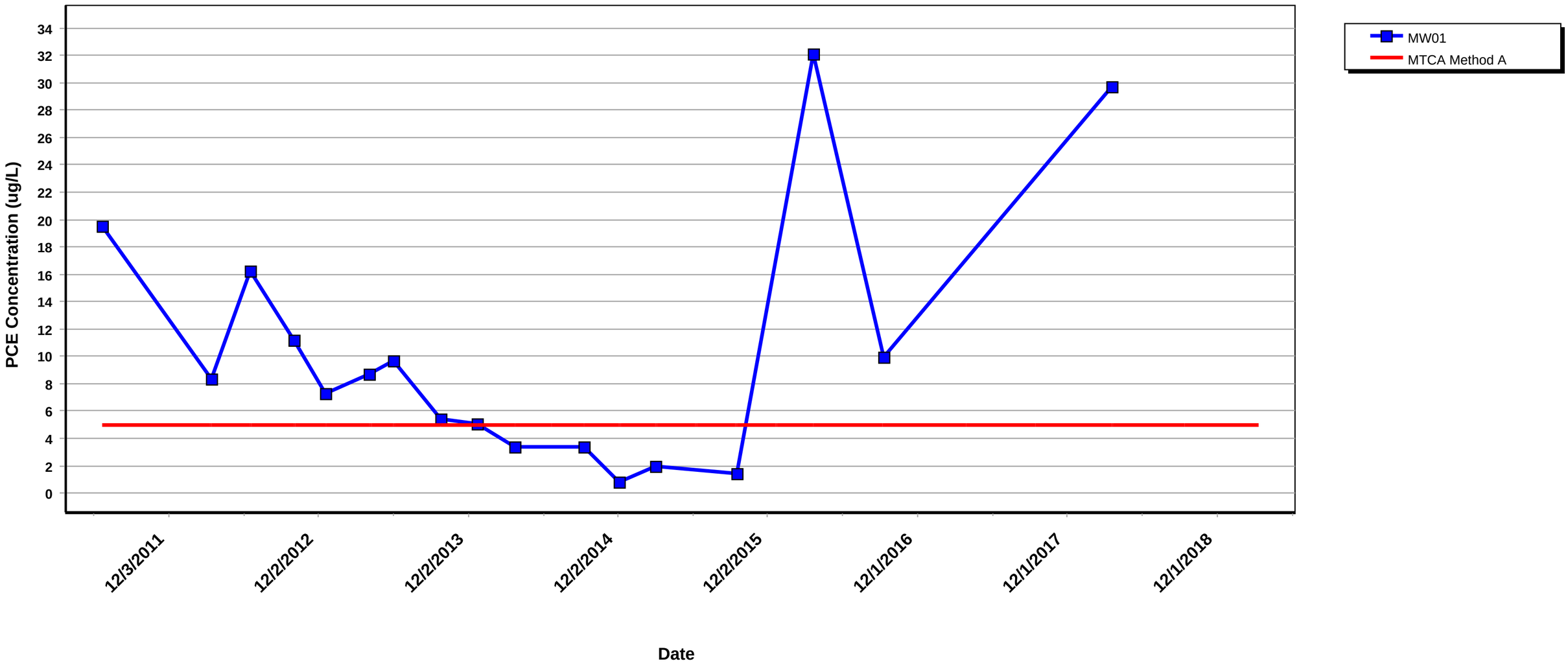
Turn-around Time: Standard (5-7 Business): X 3 Day: _____ 2 Day: _____ Next Day: _____ Same Day: _____

Relinquished	Date/Time	Received	Date/Time
x [signature]	3/21/19 11:31	x [signature]	3-21-19 1130
x [signature]	3-21-19 1225	x [signature]	3/21/19 12:25

ATTACHMENT C

TREND PLOTS FOR PCE GROUNDWATER DATA

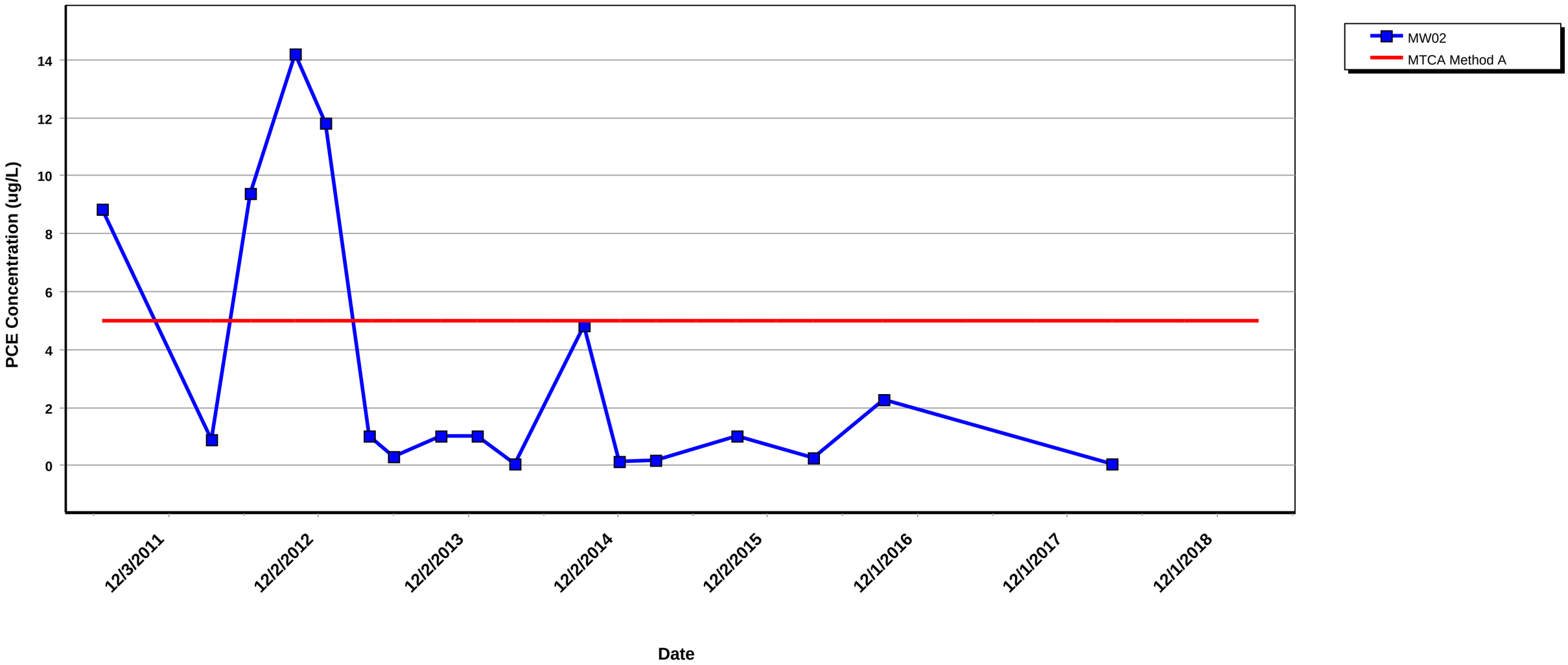
MW01



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

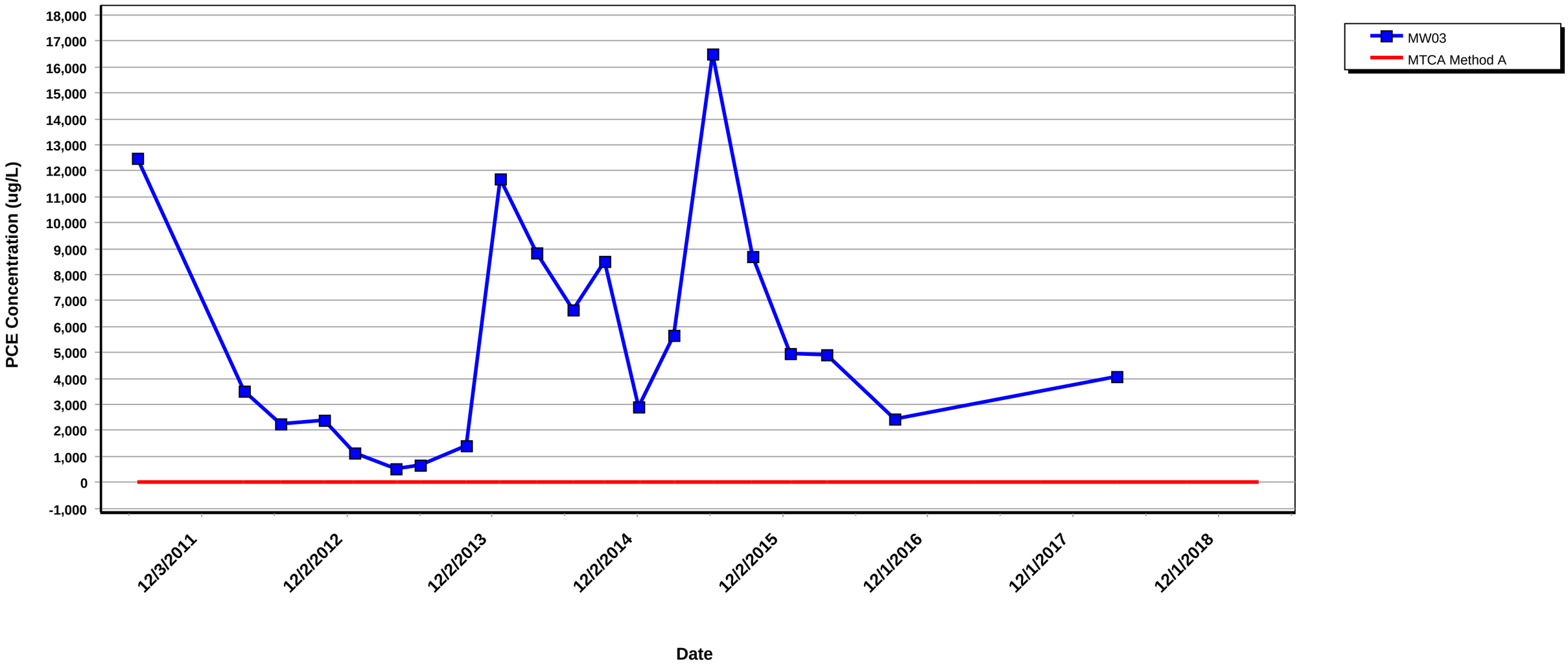
MW02



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

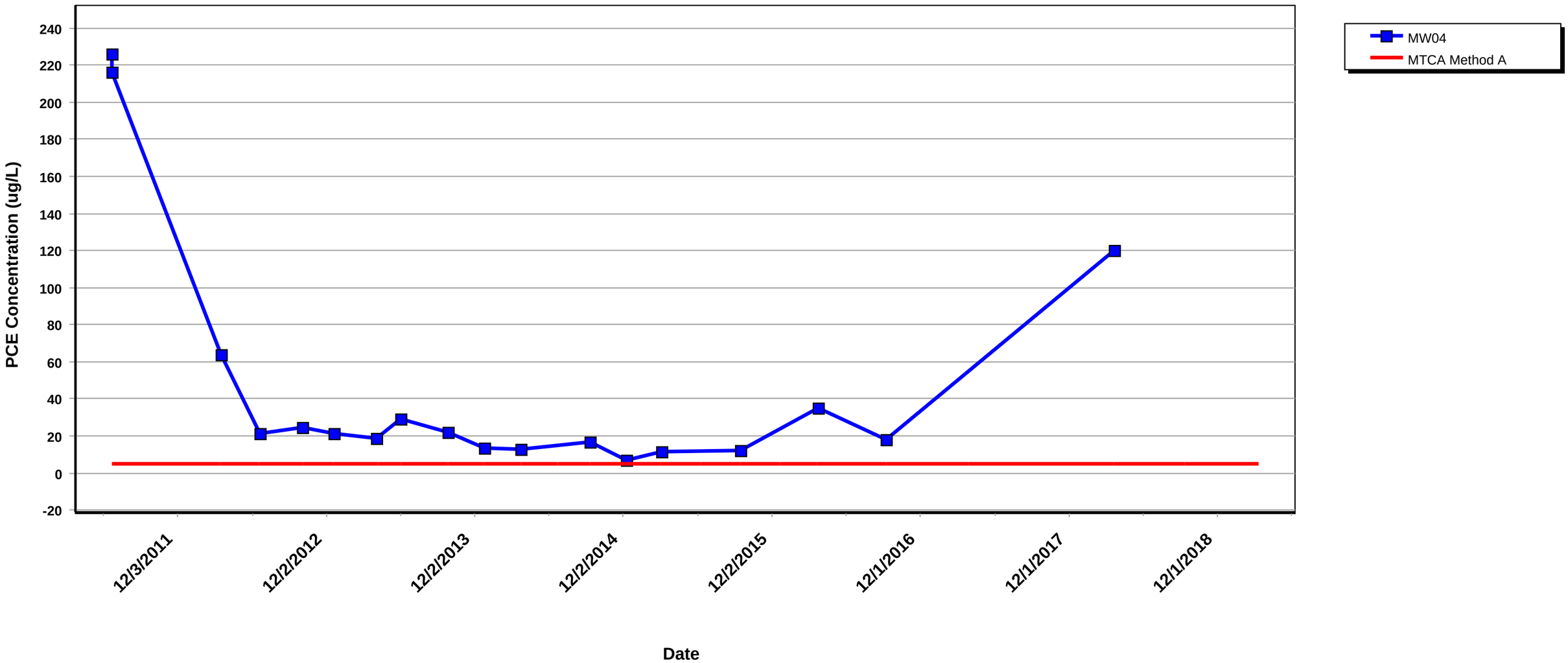
MW03



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

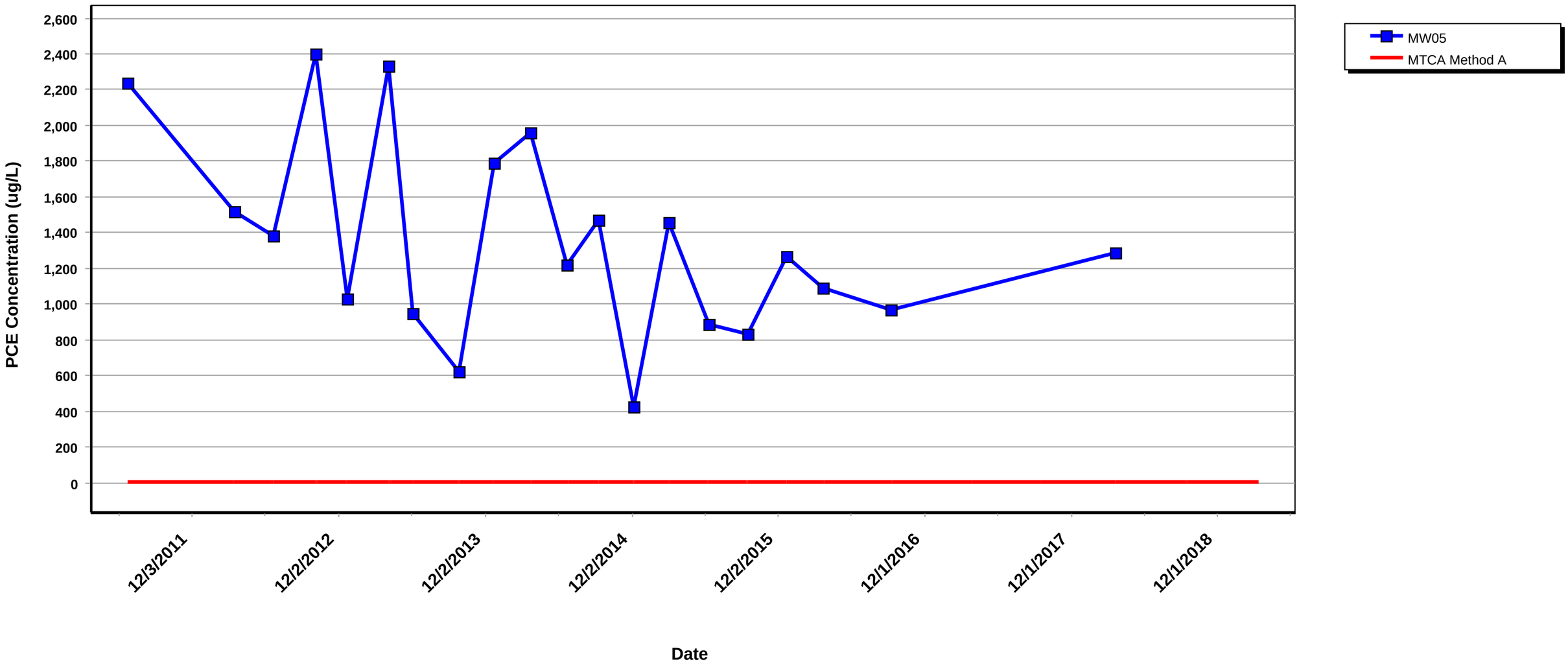
MW04



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

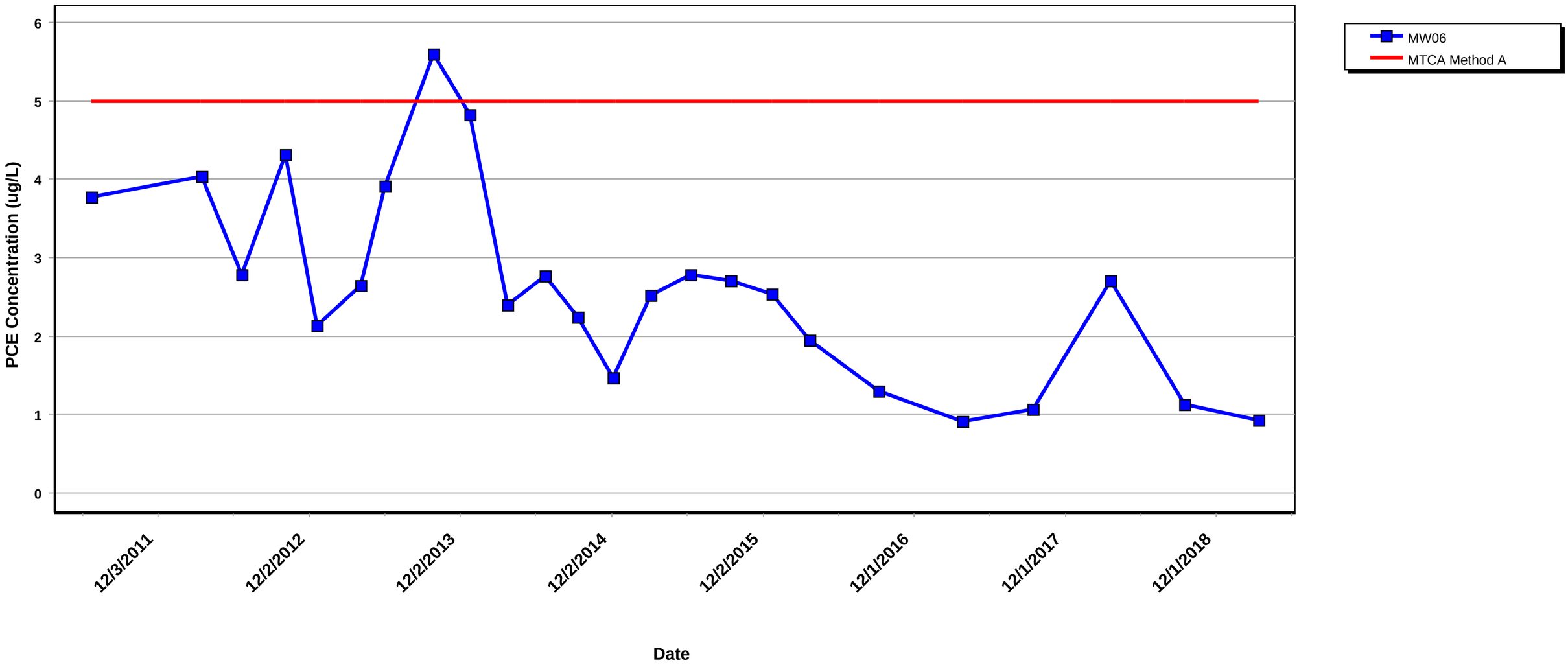
MW05



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

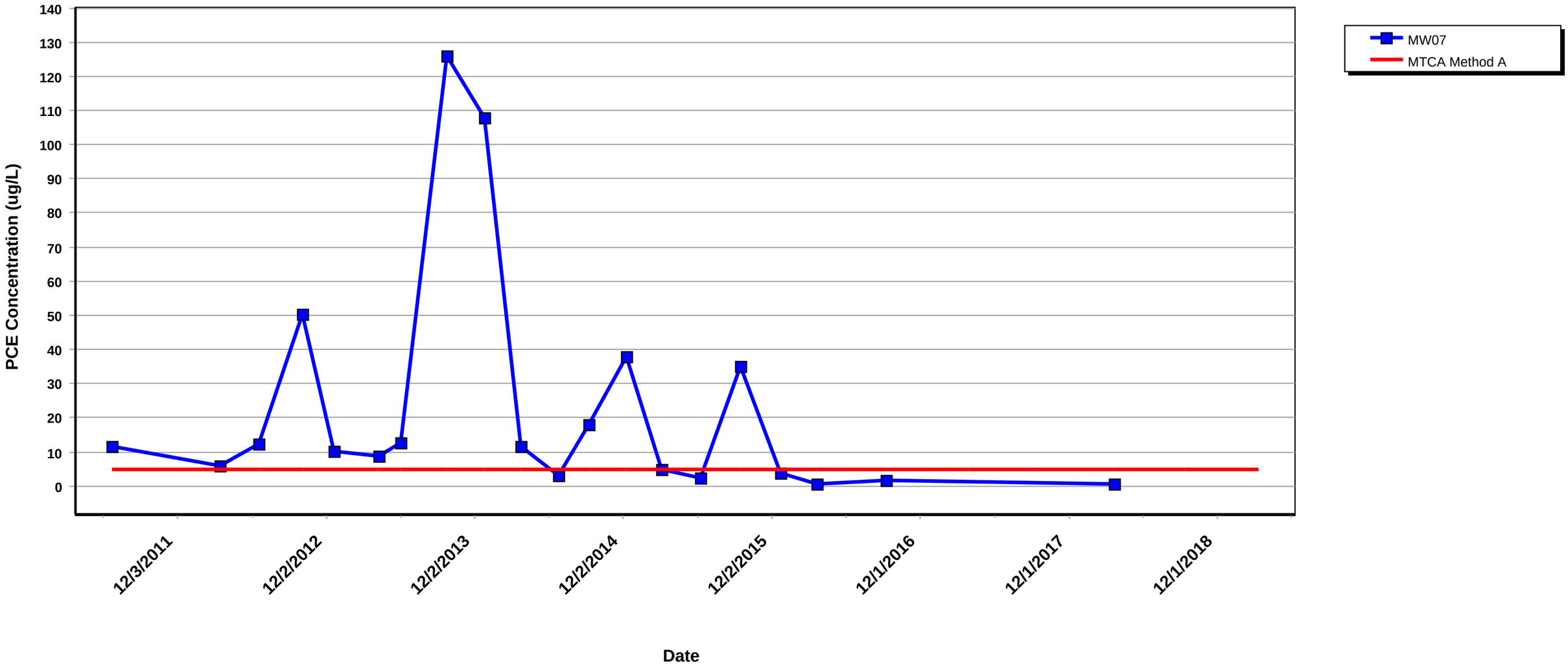
MW06



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

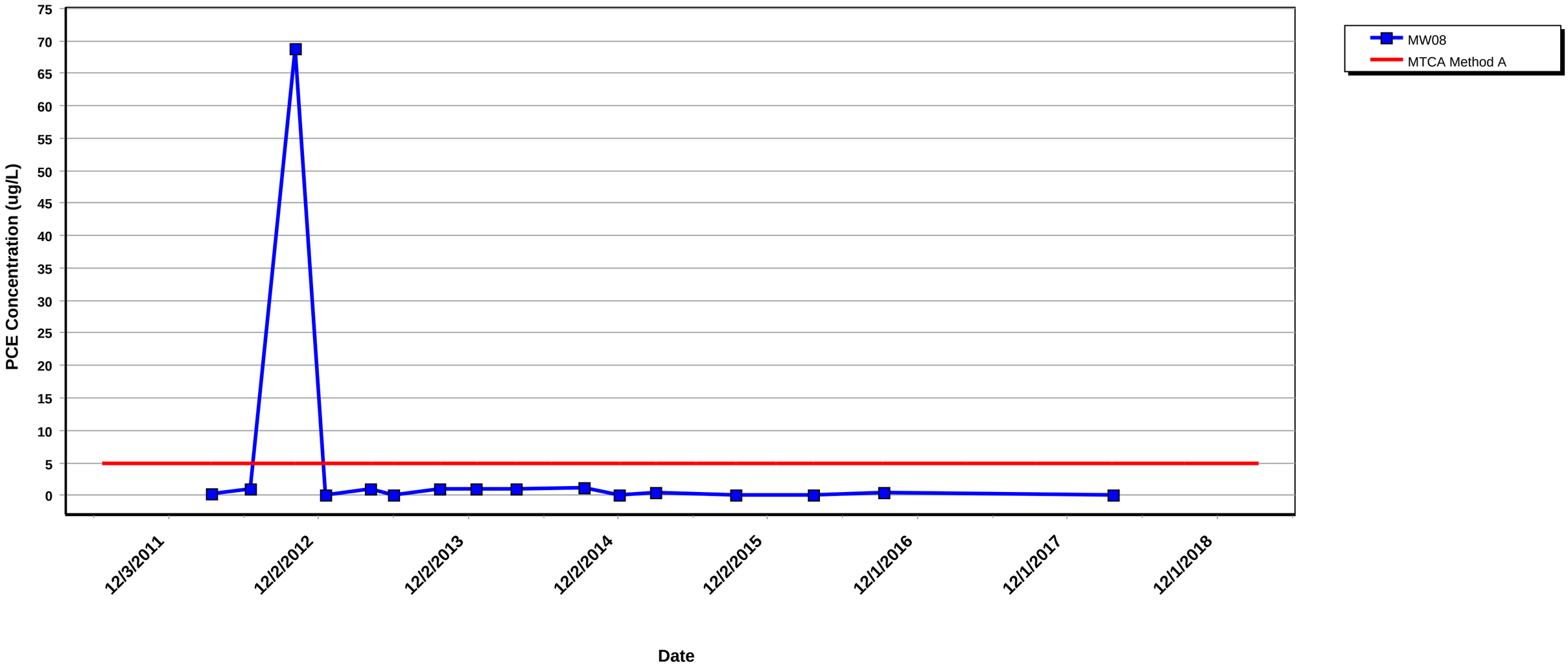
MW07



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

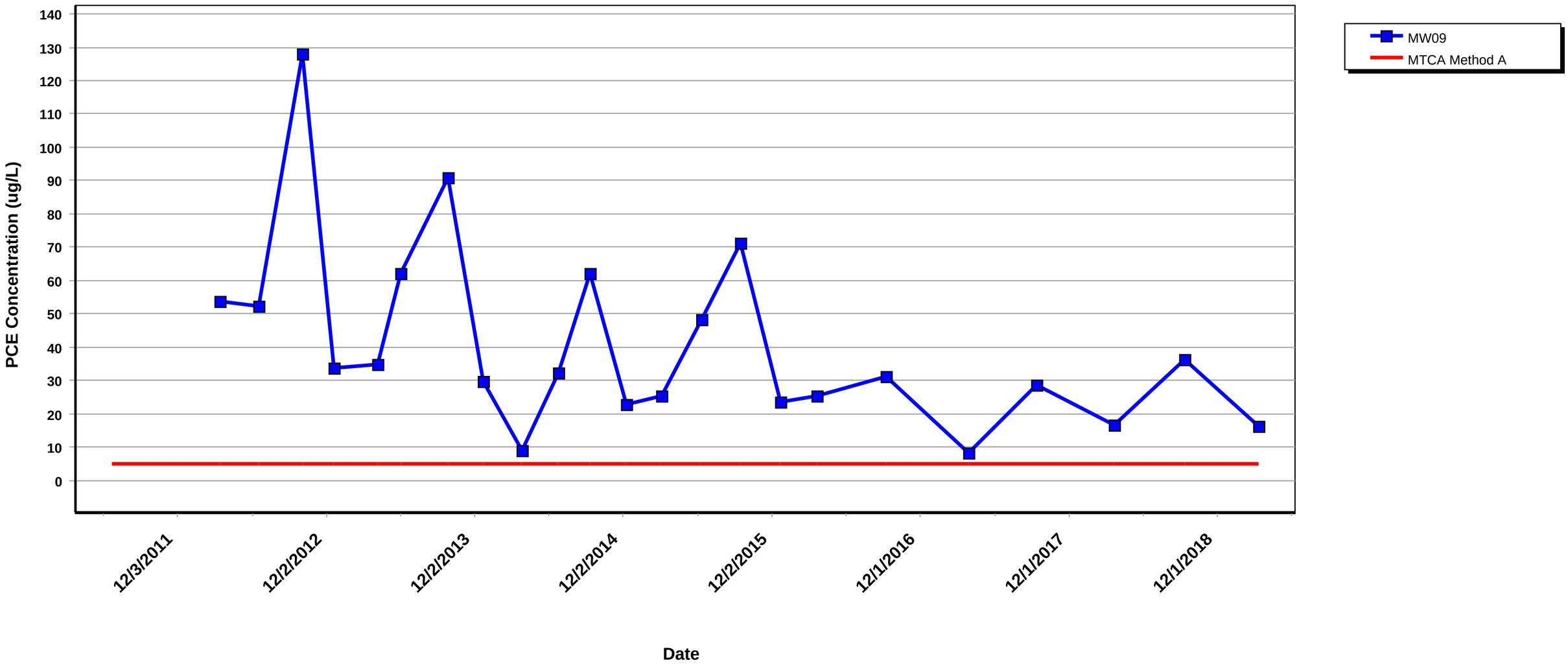
MW08



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

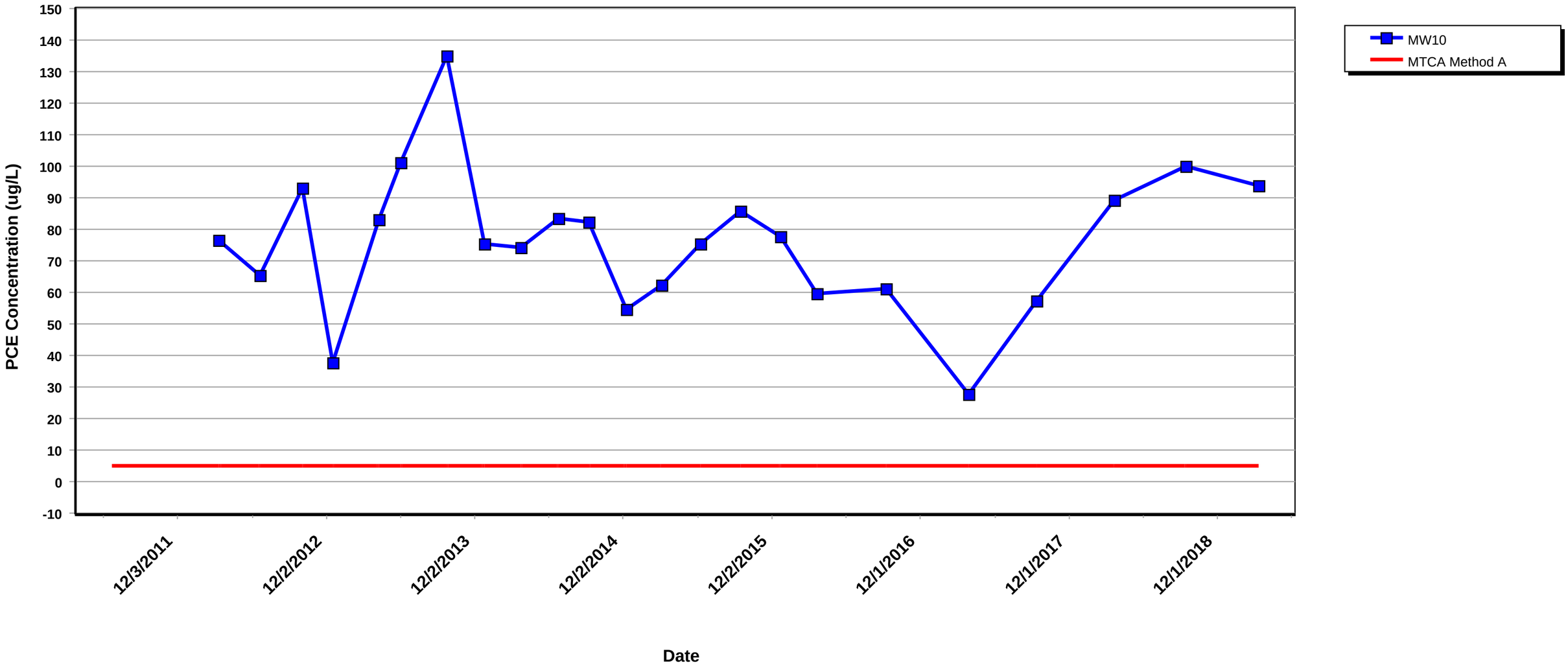
MW09



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

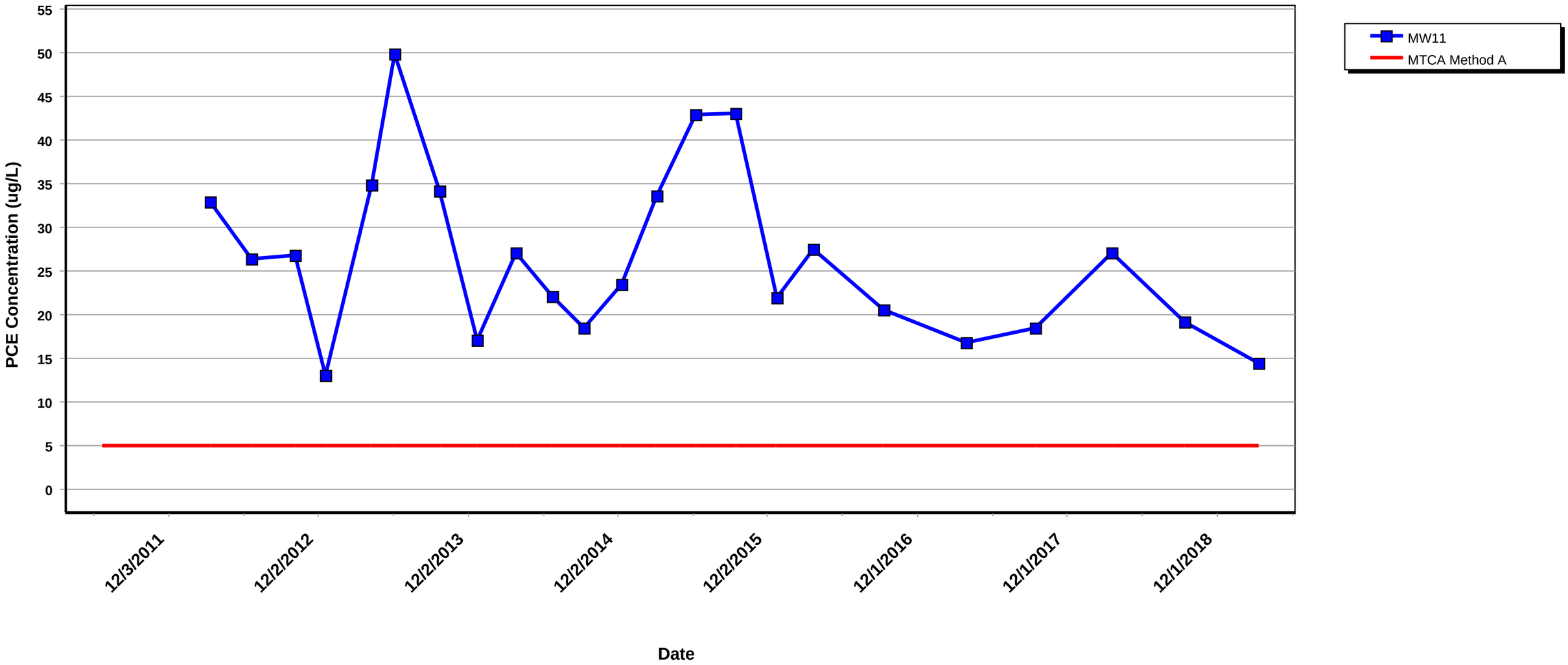
MW10



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

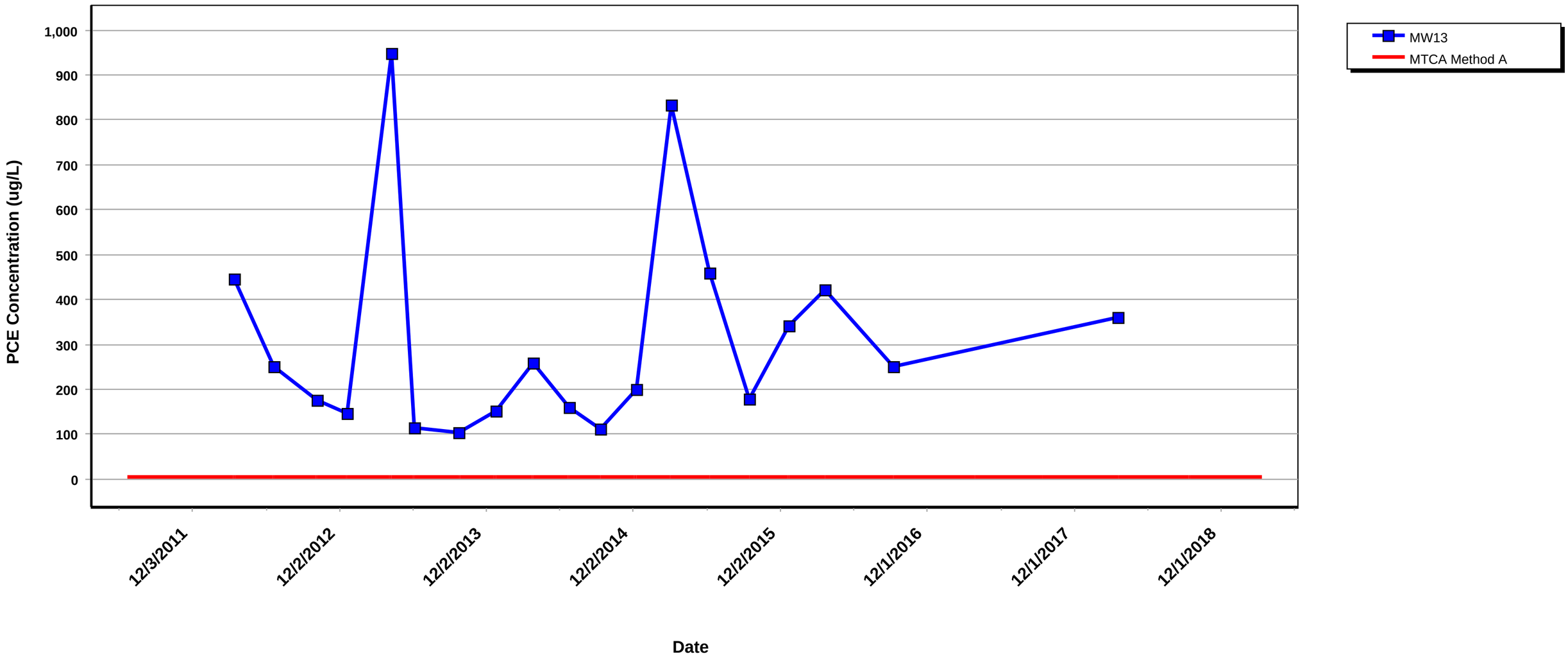
MW11



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

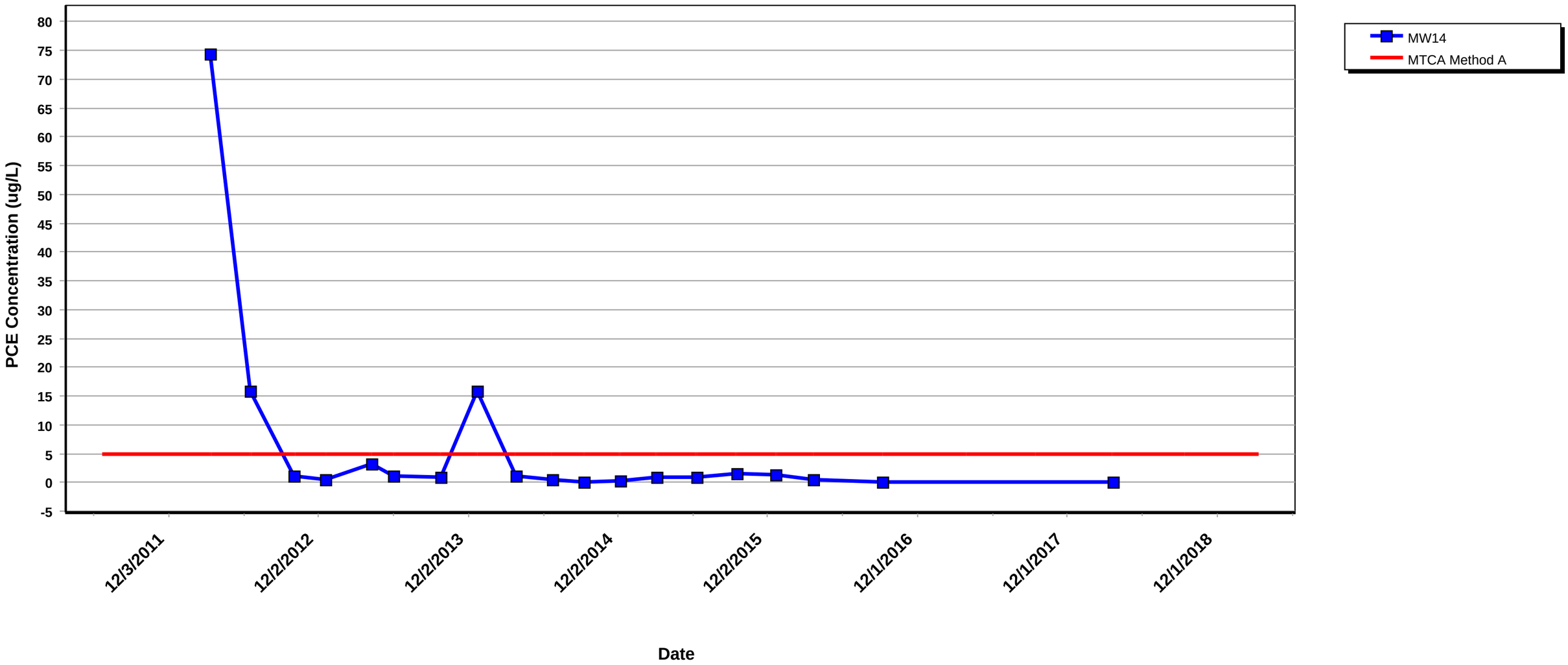
MW13



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

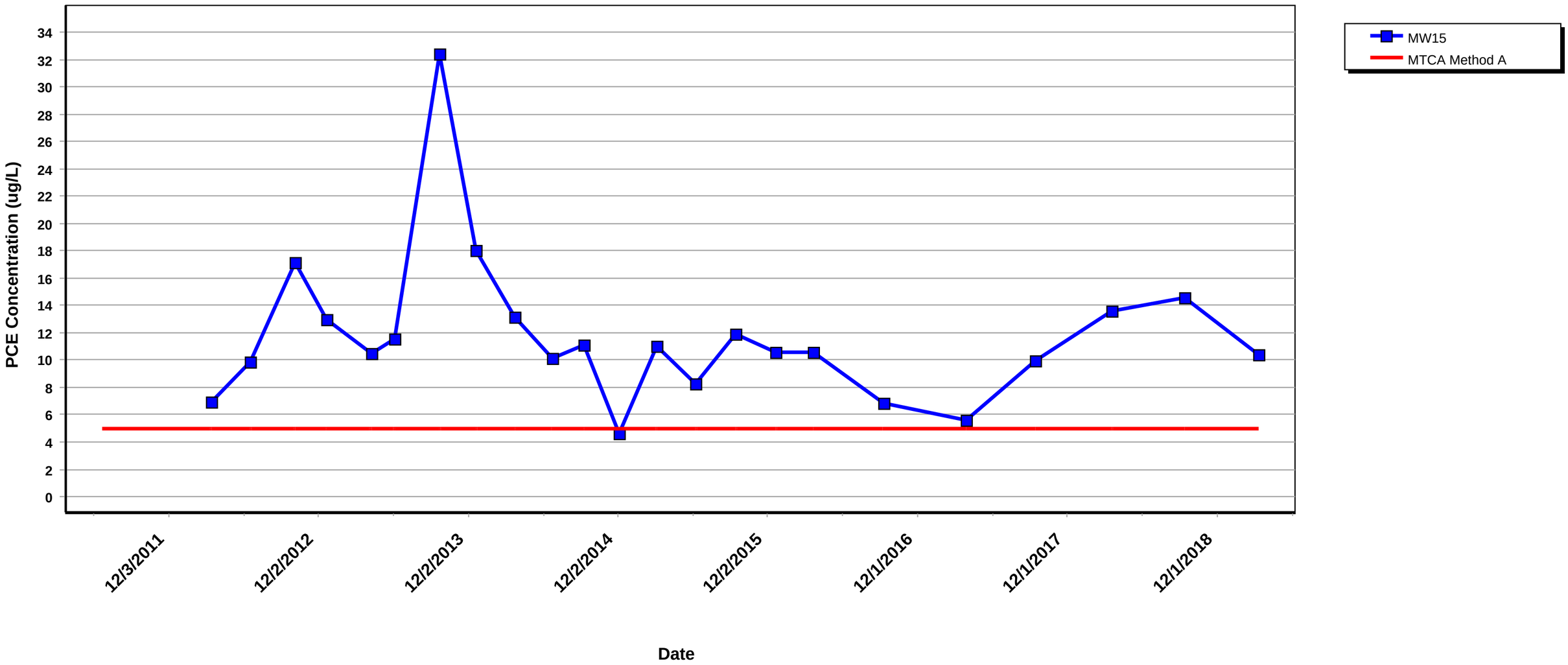
MW14



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

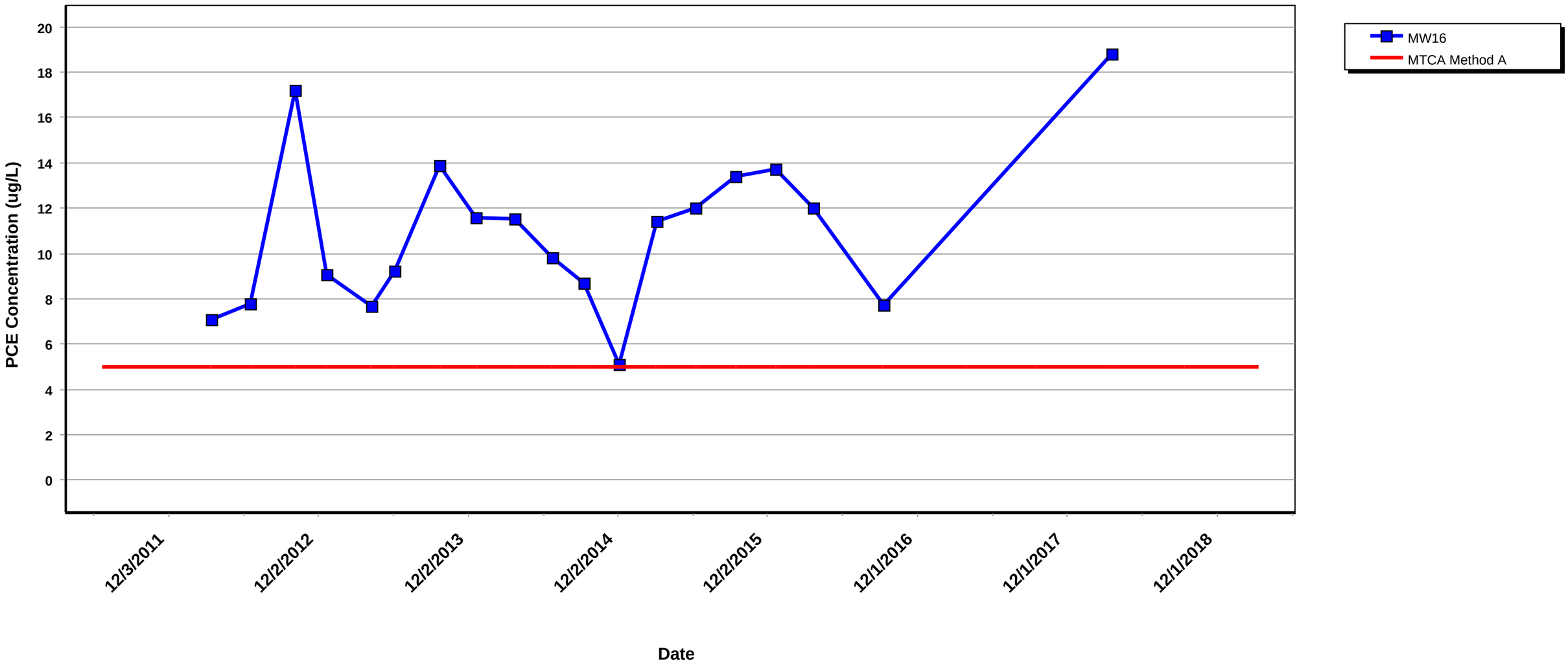
MW15



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

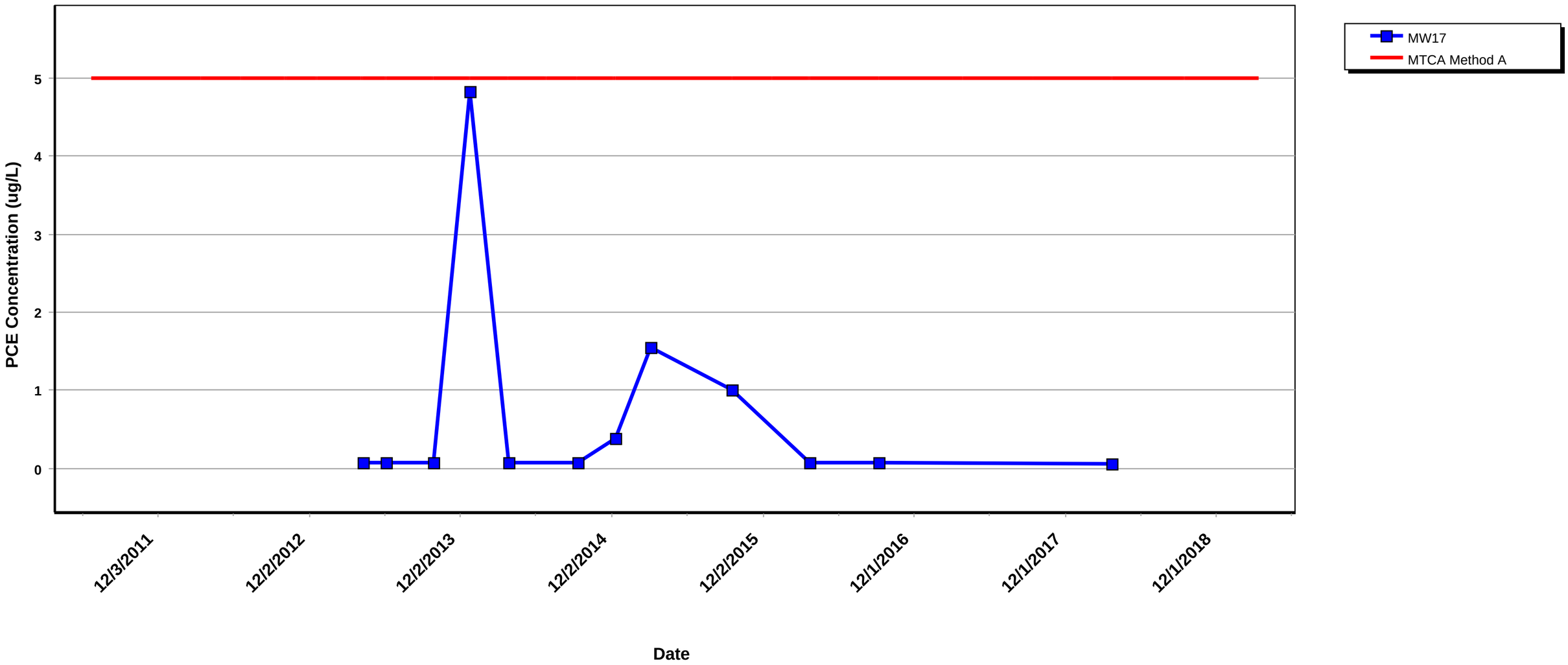
MW16



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

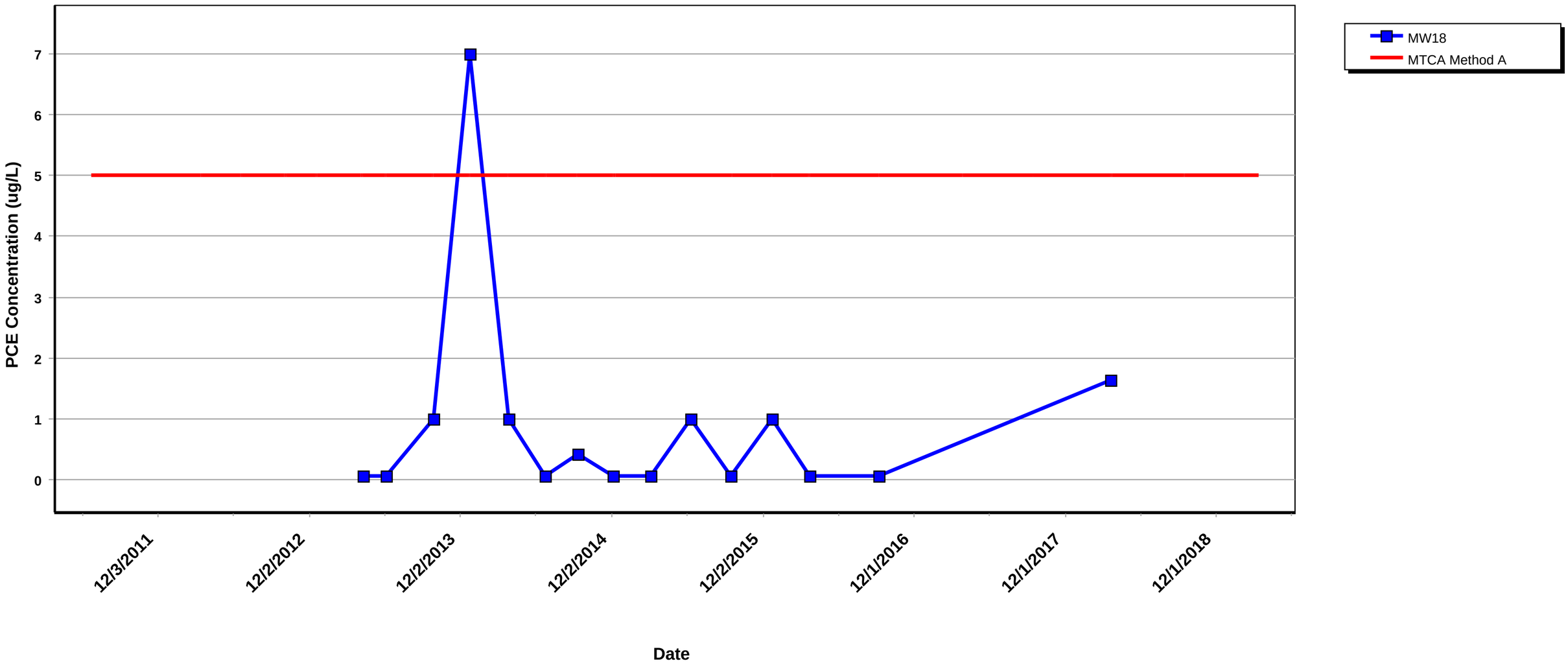
MW17



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

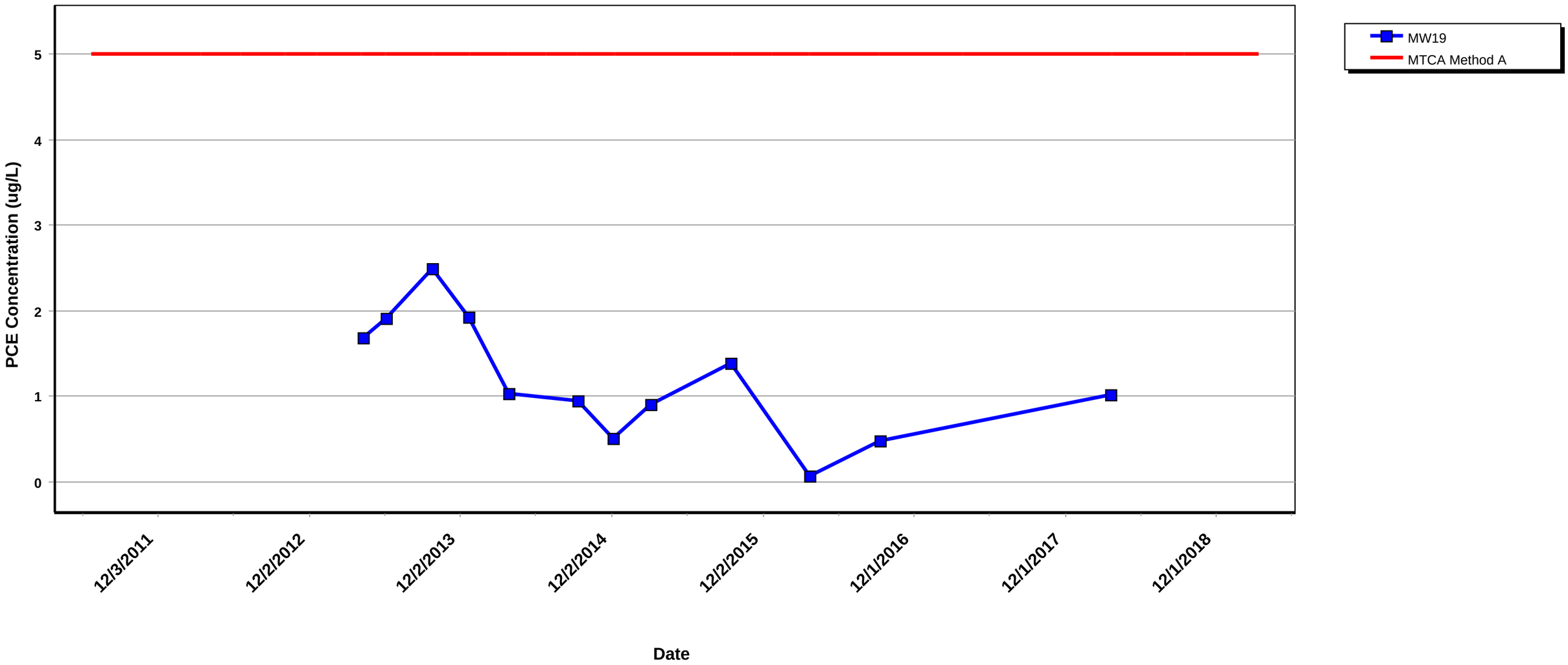
MW18



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

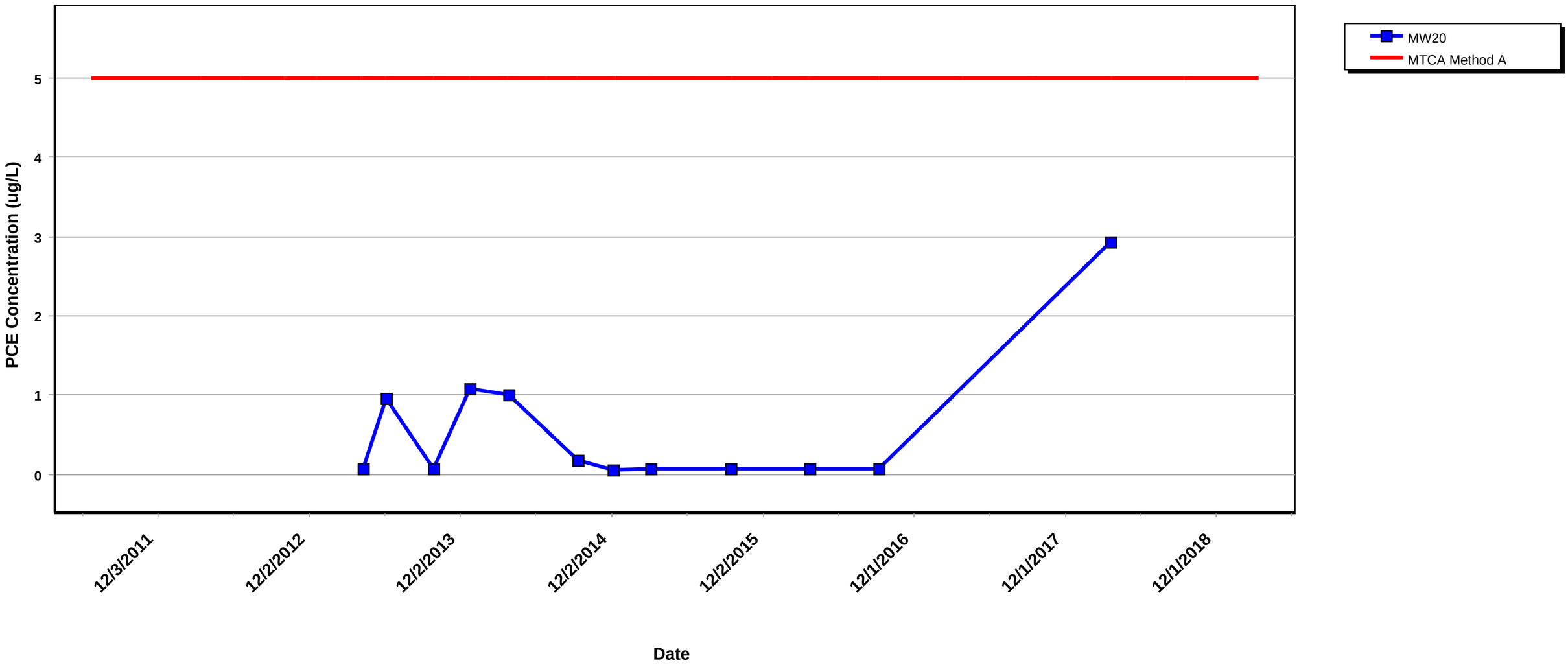
MW19



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

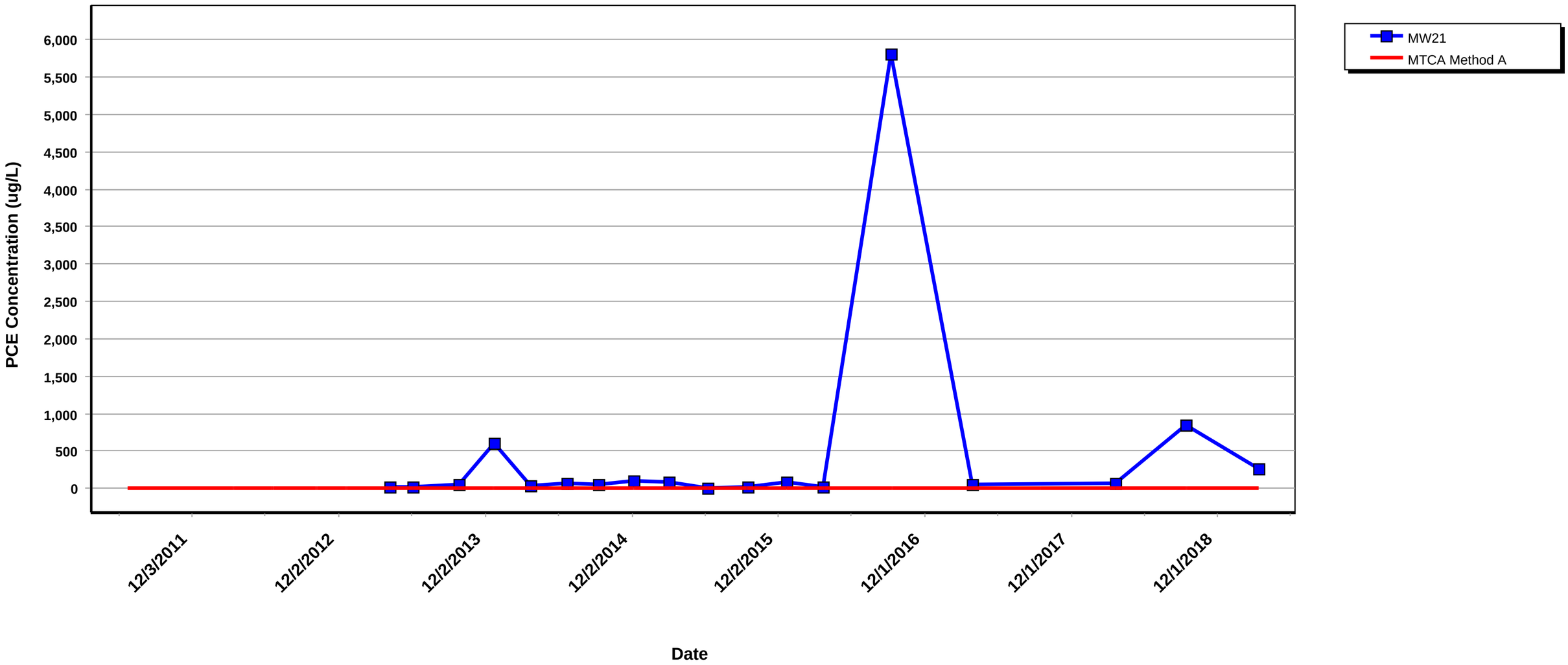
MW20



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects

MW21



EQuIS Database Output - As of April, 2019

Laboratory reported detection limit value used for non-detects