APPENDIX C

GROUNDWATER COMPLIANCE PLAN

APPENDIX C
GROUNDWATER COMPLIANCE PLAN

C-1 TABLE 7 POC MONITORING WELLS AND ANALYTICAL TESTING SUMMARY AS OF JANUARY 2024

C-2 AUGUST 2021 GROUNDWATER MONITORING REPORT

C-3 MFA RESPONSE TO COMMENTS TO AUGUST 2021 GROUNDWATER MONITORING REPORT

C-4 JANUARY 2020 GROUNDWATER MONITORING REPORT

C-5 JANUARY 2018 GROUNDWATER MONITORING REPORT

C-6 AUGUST 2016 GROUNDWATER MONITORING REPORT

Table 7
Proposed POC Monitoring Wells and Analytical Testing Summary
as of January 2024
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis			Justification for Monitoring
		SVOCs by EPA 8270E	Dissolved Arsenic by EPA 6020B	VOCs by EPA 8260D	
LWBZ					
MW-55	x	PCP only	--	x	PCP and VOCs detections consistent. No change.
MW-56	x	PCP only	--	--	PCP detections consistent and no historical VOC exceedances. Reduce to PCP only.
MW-61	x	--	--	--	PCP and VOCs never detected. Reduce to depth to water only.
MW-62	x	PCP only	--	--	PCP increase in comparison to prior events and no historical VOC detections. Reduce to PCP only.
MW-63	x	x	x	PCE only	Aresenic and VOC detections are historically consistent and only VOC detection was for PCE in 2018. PCE non-detect in 2020 and 2021. Reduce VOCs analysis to PCE only.
UWBZ Shallow UWBZ					
MW-46S	x	--	x	--	Arsenic exceedances present but consistent. No change.
MW-55S	x	x	x	x	Consistent SVOC, VOC, and arsenic exceedances and/or detections. No change.
MW-57S	x	x	x	x	Consistent SVOC, VOC, and arsenic exceedances and/or detections. No change.
RMW-2s	x	PCP only	--	--	PCP increase in comparison to prior events. No change.
Deep UWBZ					
MW-29D	x	--	--	PCE only	PCE detections decreasing with non-detect results in both 2020 and 2021. Continue monitoring for informational purposes since well is located upgradient of plumes. No change.
MW-45D	x	PCP only	--	PCE only	PCP and PCE exceedances consistent. No change.
MW-46D	x	--	--	PCE only	PCE exceedances are consistent. No change.
MW-47D	x	--	--	PCE only	PCE exceedances are consistent. No change.
MW-55D	x	PCP only	x	x	Consistent PCP, VOC, and arsenic exceedances and/or detections. Slightly elevated vinyl chloride detections. No change.
MW-57D	x	PCP only	x	x	Consistent VOC and arsenic exceedances and/or detections. Slightly elevated PCP detections. No other SVOC exceedances in both 2020 and 2021. Reduce to PCE only. Arsenic and VOCs remain.
MW-58D	x	PCP only	x	x	Consistent PCP, VOC, and arsenic exceedances and/or detections. No change.
USDFW-1	x	--	--	--	No PCP exceedance since 2006. No VOC detection since 2012. Arsenic below CUL since 2014. Reduce to depth to water only.
RMW-2d	x	PCP only	--	--	No PCP exeedance in 2015 and 2016, PCP exceedance in 2018, and no PCP exceedance in 2020 and 2021. No change.

Table 7
Proposed POC Monitoring Wells and Analytical Testing Summary
as of January 2024
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

-- = not analyzed.

IHS = indicator hazardous substance.

only = only wells with consistent-IHS detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

LWBZ = lower water-bearing zone.

PCP = pentachlorophenol.

PCE = tetrachloroethene.

POC = point of compliance.

SVOC = semivolatile organic compound.

EPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = action or analysis is to be conducted during each monitoring event.

MAUL FOSTER ALONGI
109 East 13th Street | Vancouver, WA 98660 | 360 694 2691 | www.maulfoster.com

October 15, 2021
Project No. 9003.01.28

Mr. Craig Rankine
Washington State Department of Ecology
Vancouver Field Office
12121 NE 99th Street, Suite 2100
Vancouver, Washington 98682

Re: August 2021 Groundwater Monitoring for the Former Pacific Wood Treating Co. Site
Port of Ridgefield, Lake River Industrial Site
Agreed Order No. 01TCPSR-3119

Dear Mr. Rankine:

This letter summarizes the August 2021 groundwater monitoring results and activities conducted during monitoring well sampling. On May 10, 2018, an electronic copy of the January 2018 groundwater monitoring report was submitted to the Washington State Department of Ecology (Ecology) that requested adjustments to the groundwater monitoring program (Maul Foster & Alongi, Inc. [MFA], 2018). In a letter dated August 23, 2019 (Ecology, 2019b), Ecology directed that the subsequent groundwater monitoring events be conducted in January 2020 and August 2021. Ecology stated that data from both the January 2020 and August 2021 monitoring events would be needed to support any request for a change to the long-term monitoring program analytical requirements or monitoring frequency. On April 27, 2020, an electronic copy of the January 2020 groundwater monitoring report was submitted to the Ecology (MFA, 2020).

Between August 10 and 11, 2021, the Port of Ridgefield (Port) and MFA conducted groundwater sampling from monitoring well locations on the former Pacific Wood Treating Co. (PWT) Site. The PWT Site includes the Port-owned Lake River Industrial Site (LRIS).

Groundwater samples were collected from point of compliance (POC) monitoring wells located on Cells 2 and 3 of the LRIS, the Port-owned Marina, and on the Ridgefield National Wildlife Refuge (RNWR), which is just north of the LRIS, and were sent for analysis to Specialty Analytical, Inc., in Clackamas, Oregon. The groundwater data from this monitoring event are summarized below.

The attached Figure 1 shows the POC monitoring well locations and RNWR, Marina, and portions of the LRIS, referred to as Cells 1, 2, and 3, respectively. Note that Cell 4 of LRIS is shown on Figure 1; however, groundwater impacts are not located beneath this portion of the property. A potentiometric map for monitoring wells MW-56, MW-61, and MW-63 is included as Figure 2. Table 1 summarizes the completion details for POC wells.

Groundwater monitoring results are discussed separately below for the two plumes on the PWT site. One of the plumes originates in Cells 1 and 2 of the LRIS and extends northwest under the RNWR and potentially beneath Lake River. The second plume is in Cell 3 of the LRIS, potentially extending towards Lake River.

This report evaluates analytical results from August 2012 (when performance monitoring began at the POC monitoring wells) through August 2021 to determine if a change to the analytical requirements or monitoring frequency is warranted.

SUMMARY

MFA and Port personnel conducted groundwater sampling on August 10 and 11, 2021, using low-flow sampling techniques consistent with the Cleanup Action Plan (CAP). Water quality parameters (e.g., temperature, potential hydrogen, specific conductance, oxygen-reduction potential, turbidity) were collected prior to sampling (see Attachment A for field sampling data sheets). Cell 2 and RNWR samples were collected in the shallow and deep portions of the upper water-bearing zone and in the lower water-bearing zone. In Cell 3 and Marina, groundwater samples were collected from the shallow and deep portions of the upper water-bearing zone.

Groundwater samples were analyzed, consistent with the CAP, for semivolatile organic compounds (SVOCs) by U.S. Environmental Protection Agency (EPA) Method 8270E, for volatile organic compounds (VOCs) by EPA Method 8260D, and/or for dissolved arsenic by EPA Method 6020B (see Table 2).

ANALYTICAL RESULTS

Analytical results were compared to the cleanup levels (CULs) summarized in the CAP. These were derived from Model Toxics Control Act Method B groundwater CULs, except for arsenic results, which are compared to Method A groundwater CUL. The Method A CUL for arsenic is based on natural background concentrations in groundwater in Washington State.

The August 2021 laboratory analytical reports and a data quality assurance and quality control (QA/QC) review memorandum are included as Attachments B and C, respectively. Data QA/QC results indicate that data are acceptable for their intended use, with the appropriate data qualifiers assigned. Groundwater analytical tables showing VOC, SVOC, and dissolved metal data collected from 2002 through 2021 are provided in Tables 3 through 6.

Cells 1 and 2 Plume

The Cells 1 and 2 plume POC monitoring wells are located along the bank of Lake River to the west and in the RNWR near Carty Lake to the north. The plume generally flows westward toward Lake River, but the shallow portion of the upper water-bearing zone and the lower

water-bearing zone has a northerly component. The following analytes exceeded their respective CULs in samples collected in August 2021:

- Pentachlorophenol (PCP)
- Noncarcinogenic polycyclic aromatic hydrocarbons
  - dibenzofuran and 2-methylnaphthalene
- VOCs
  - 1,2.4-trimethylbenzene; 1,3,5-trimethylbenzene; benzene; naphthalene; tetrachloroethene (PCE); trichloroethene (TCE); and vinyl chloride
- Dissolved arsenic

Four of the 13 POC wells (MW-61, MW-63, RMW-2D, and USDFW-1) did not have any analyte that exceeded a CUL. Concentrations of indicator hazardous substances (IHSs)[1] in these wells have been consistently below CULs, non-detect, or have had historically stable analytical results.

Five of the remaining 9 POC wells (MW-55, MW-55S, MW-56, MW-58D, and MW-62) did not have VOCs that exceeded a CUL. Concentrations of VOCs in these wells have been historically stable, below CULs, or non-detect.

The remaining wells in Cells 1 and 2 show that IHS detections in groundwater are generally stable or decreasing (see Tables 3 through 5), except for the following:

- MW-55D—VOCs (PCE and TCE) are typically detected in groundwater from this well; however, since 2018 vinyl chloride has been detected at a concentration above the CUL. The increase in vinyl chloride concentration between 2018 and 2021 likely reflects the continued degradation of PCE and TCE.
- MW-57S—The PCP and arsenic detections in 2021 are elevated compared with previous detections.
- MW-62—The PCP detection in 2021 was elevated by an order of magnitude in comparison to past detections.
- RMW-2S—The PCP detection in 2021 was elevated in comparison to past detections.

[1] IHSs on Cells 1 and 2 include SVOCs, VOCs, and/or dissolved arsenic.

Cell 3 Plume

The POC wells for the Cell 3 plume are located along the bank of Lake River and near the southeast LRIS property boundary. The plume generally flows westward, toward Lake River. PCP, PCE, and dissolved arsenic are the IHSs in the Cell 3 plume. The August 2021 and prior monitoring results are provided in Table 6 and show that IHS concentrations are generally stable or decreasing. Note that for the January 2020 and August 2021 monitoring events, the PCE concentration in MW-29D has been the lowest that it has ever been during the monitoring program.

RECOMMENDATIONS

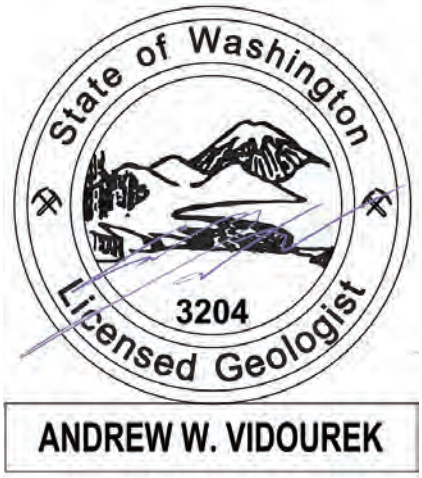
Concentrations of IHSs on the PWT Site are generally historically stable or decreasing. In instances where concentrations are elevated, these increases are limited to PCP in monitoring wells MW-57S, MW-62, and RMW-2S, arsenic in MW-57S, and vinyl chloride in MW-55D. MFA does not consider these elevated concentrations as significant changes (except for PCP in MW-62), and therefore, MFA recommends reducing the sampling frequency to roughly every 30 months, with the next two monitoring events to be conducted in January 2024 and August 2026. Due to the increased interval between sampling events to roughly 30 months, MFA recommends sampling using standard purge methods (i.e., purge a minimum of three pore volumes prior to sample collection).

MFA also recommends modifications to the analytical requirements and monitoring wells to be sampled based on a history of non-detect results or results consistently below CULs since POC sampling began in August 2012. See Table 7 for the proposed monitoring program analytical testing summary and justification for reduced or elimination of monitoring for each well.

Please contact me if there are any questions regarding this letter.

Sincerely,

Maul Foster & Alongi, Inc.



Andrew W. Vidourek, LG
Senior Geologist

Attachments: Limitations
Figures
Tables
A—Field Sampling Data Sheets
B—Laboratory Analytical Report
C—Data Quality Assurance and Quality Control Review Memorandum

cc: Laurie Olin, Port of Ridgefield

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

Ecology. 2013. Cleanup action plan, former Pacific Wood Treating Co. site. Prepared for Port of Ridgefield and City of Ridgefield. Prepared by the Washington State Department of Ecology. October.

Ecology. 2019a. Email communications (re: Port of Ridgefield groundwater monitoring report—Jan. 2018) from C. Rankine, Washington State Department of Ecology, and A. Vidourek, Maul Foster & Alongi, Inc., Vancouver, Washington. May 7.

Ecology. 2019b. Letter (re: Ecology response to January 2018 groundwater monitoring report of former Pacific Wood Treating Co.) to L. Olin, Port of Ridgefield, from C. Rankine, Washington State Department of Ecology. August 23.

MFA. 2018. January 2018 groundwater monitoring for former Pacific Wood Treating Co. Site. Maul Foster & Alongi, Inc., Vancouver, Washington. May 10.

MFA. 2020. January 2020 groundwater monitoring for former Pacific Wood Treating Co. Site. Maul Foster & Alongi, Inc., Vancouver, Washington. April 27.

TABLES

MAUL FOSTER ALONGI

Table 1
POC Monitoring Well Completion Details
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Point	Coordinates		Measuring Point Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Total Depth Drilled (ft bgs)	Total Depth Casing (ft bgs)	Sump Interval (ft bgs)	Screened Interval (ft bgs)	Filter Pack Interval (ft bgs)	Secondary Filter Pack Interval (ft bgs)	Surface Seal (ft bgs)	Borehole Diameter (inches)	Well Diameter (inches)	Drilling Method	Date of Installation	Lithologic Unit Screened
	Northing	Easting														
Upper Water-Bearing Zone																
Shallow Upper Water-Bearing Zone																
MW-46S	184843.90	1066565.10	15.33	19.65	25.5	15	25 - 25.5	15 - 25	13 - 25.5	--	0 - 13	10.25	2	HSA	Jul-04	Alluvium
MW-55S	185715.9599	1066288.645	26.88	24.27	31.3	30	30.9 - 30.4	20.9 - 30.9	18.0 - 31.3	--	0 - 18.0	6	2	Sonic	Aug-10	Alluvium
MW-57S	185715.4938	1066288.473	26.88	24.35	30.0	17	27 - 27.5	17 - 27	15 - 30	--	0 - 15	8	2	Sonic	Jun-08	Alluvium
RMW-2S	186524.851	1066680.832	16.66	13.39	15.0	5	--	5 - 15	4 - 15	--	3 - 4	10.25	2	HSA	Nov-00	Gravel
Deep Upper Water-Bearing Zone																
MW-29D	184616.22	1066953.26	25.42	23.23	53.5	43	53-53.5	43-53	40-53.5	--	0-40	8	2	Becker	Aug-04	Gravel
MW-45D	185011.82	1066517.56	22.16	20.42	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-46D	184839.34	1066567.00	14.18	19.52	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-47D	184558.46	1066722.03	19.56	19.95	53.5	41	51 - 51.5	41 - 51	39.5 - 51.5	--	2 - 39.5	10.25	2	HSA	Jul-04	Gravel
MW-55D	185768.717	1066133.905	27.10	24.44	80.0	78.3	75.0 - 75.5	65.0 - 75.0	63.0 - 76.0	59.0 - 63.0	0 - 59.0	6	2	Sonic	Aug-10	Alluvium
MW-57D	185719.5269	1066292.568	26.45	24.21	80.0	74.9	74.4 - 75.9	64.4 - 74.4	65.1 - 77.9	--	3 - 65.1	8	2	Sonic	Jun-08	Gravel
MW-58D	186013.7436	1066028.897	27.73	24.32	75.0	64.3	74.3 - 74.8	64.3 - 74.3	62.5 - 75.0	--	2 - 62.5	8	2	Sonic	Jun-08	Gravel
USDFW-1	186325.7682	1066660.526	15.35	10.76	22.7	12.2	--	12.2 - 22.2	11.1 - 22.7	9.8 - 11.1	0 - 9.8	10.25	2	HSA	Oct-01	Gravel
RMW-2D	186528.3044	1066680.006	17.24	13.44	31.5	19.5	--	19.5 - 29.5	17.5 - 31.5	--	3 - 17.5	10.25	2	HSA	Nov-00	Gravel
Lower Water-Bearing Zone																
MW-55	185758.1565	1066145.061	27.88	24.90	112.3	89	99 - 99.5	89 - 99	86 - 100.3	--	2 - 86.0	8	2	Sonic	Jun-08	Troutdale
MW-56	186004.4964	1066031.162	26.48	23.84	120.0	103	113 - 113.5	103 - 113	100.4 - 116	--	2 - 100.4	8	2	Sonic	Jun-08	Troutdale
MW-61	186698.58	1065859.148	18.298	15.79	104.5	104.5	102.0 - 102.5	92.0 - 102.0	90.5 - 103	--	0 - 90.5	6	2	Sonic	Aug-10	Troutdale
MW-62	185309.338	1066390.093	27.439	24.631	121.0	117.8	114.6 - 115.1	104.6 - 114.6	102.0 - 116.5	96.0 - 102.0	0 - 96.0	6	2	Sonic	Aug-10	Troutdale
MW-63	186802.255	1066287.113	17.12	15.14	116.0	115.5	115.0 - 115.5	105.0 - 115.0	102.0 - 115.5	--	0 - 102.0	8	2	Sonic	Sep-12	Troutdale

NOTES:

-- = not available or not applicable.

Becker = DR-24 air rotary.

ft bgs = feet below ground surface.

ft NGVD = feet National Geodetic Vertical Datum of 1927/1947.

HSA = hollow-stem auger.

POC = point of compliance.

Sonic = rotosonic.

Table 2
POC Monitoring Wells and Analytical Testing Summary
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis		
		SVOCs by EPA 8270E	Dissolved Arsenic by EPA 6020B	VOCs by EPA 8260D
LWBZ				
MW-55	x	PCP only	--	x
MW-56	x	PCP only	--	x
MW-61	x	PCP only	--	x
MW-62	x	PCP only	--	x
MW-63	x	x	x	x
UWBZ				
Shallow UWBZ				
MW-46S	x	--	x	--
MW-55S	x	x	x	x
MW-57S	x	x	x	x
RMW-2s	x	PCP only	--	--
Deep UWBZ				
MW-29D	x	--	--	PCE only
MW-45D	x	PCP only	--	PCE only
MW-46D	x	--	--	PCE only
MW-47D	x	--	--	PCE only
MW-55D	x	PCP only	x	x
MW-57D	x	x	x	x
MW-58D	x	PCP only	x	x
USDFW-1	x	PCP only	x	x
RMW-2d	x	PCP only	--	--

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

-- = not analyzed.

IHS = indicator hazardous substance.

only = only wells with consistent IHS detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

LWBZ = lower water-bearing zone.

PCP = pentachlorophenol.

PCE = tetrachloroethene.

POC = point of compliance.

SVOC = semivolatile organic compound.

EPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = action or analysis is to be conducted during each monitoring event.

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
VOCs (ug/L)														
Cell 2 Monitoring Wells (UWBZ)														
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	15	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/09/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.25	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	47.8	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.93	1 U	1 U
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
MW-42	08/12/2002	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**520**	200 U	200 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	360	50 U	50 U
	04/30/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**420**	100 U	100 U
	08/10/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	390	100 U	100 U
	10/27/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**640**	100 U	100 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	22.9	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
	MTCA Method B Groundwater VI Level	7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-43	08/12/2002	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**610**	200 U	200 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	**510**	50 U	50 U
	08/11/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	20 U	160	20 U	20 U
	10/27/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	64	10 U	10 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	63.4	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**940**	100 U	100 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	**1100**	50 U	50 U
	04/29/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**1000**	100 U	100 U
	08/11/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**630**	100 U	100 U
	10/29/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**600**	200 U	200 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	97.1	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.61	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.67	1 U	1 U
	09/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.06	1 U	1 U
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.16	1 U	1 U
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
	MTCA Method B Groundwater VI Level	7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)														
MW-4	05/07/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/07/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**401**	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	37.1	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	95.2	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	23.4	1 U	1 U
	01/12/2011	1 U	1 U	**1.04**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12.1	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.48	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.67	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-15	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.72	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.58	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.56	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	22	2 U	2 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	17	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	23	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	29	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	7.3	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10.5	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.77	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	2.12	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.63	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.88	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.31	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.14	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.43	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.61	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**450**	200 U	200 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	323	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	337	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**452**	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**452**	1 U	1 U
MW-21	08/08/2002	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**450**	100 U	100 U
	05/06/2004	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	40 U	210	40 U	40 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	130	2.0 U	2.0 U
	10/26/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	140	10 U	10 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	110	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	57.7	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	244	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/03/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-26	01/26/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**590**	200 U	200 U
	05/05/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**600**	100 U	100 U
	07/29/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**610**	100 U	100 U
	10/25/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**640**	100 U	100 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	376	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**436**	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	370	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**552**	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**521**	1 U	1 U
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**612**	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**577**	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	159	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	248	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**532**	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	186	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**641**	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	361	1 U	1 U
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	20 U	20 U	20 U	20 U
	05/07/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	11	10 U	10 U
	07/29/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	16	10 U	10 U
	10/20/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	10	10 U	10 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.92	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.14	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	4.11	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.98	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.53	1 U	1 U
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.91	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.06	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.03	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-38	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2.2	2 U	2 U
	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2.5	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.31	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.67	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.12	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.41	1 U	1 U
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.42	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.65	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-52D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	49.2	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.62	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.02	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.18	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-53S	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.26	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	29.3	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	17.4	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12.3	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.20	1 U	1 U
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	32.1	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	29.0	1 U	1 U
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.72	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	35	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	21	1 U	1 U
MW-53D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-55S	08/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.74	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.37	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.09	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.3	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.09	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.22	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.58	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.97	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.79	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.93	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-57S	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**529**	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**561**	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**463**	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**223**	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**497**	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**813**	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**567**	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**816**	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**541**	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**478**	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**140**	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**527**	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**413**	1 U	1 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**464**	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**229**	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**370**	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2.62	1 U	1 U	1 U	1 U	**359**	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**171**	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.84	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.05	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.11	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.05	1 U	1 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.22	1 U	1 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.38	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.32	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.37	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.43	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.74	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
EPA-6D	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.37	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.82	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.73	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.58	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.26	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (UWBZ)														
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	6.3	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	3	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
USDFW-1	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
Cell 1 (LWBZ)														
MW-40	08/08/2002	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	5 U	1.3 U	5 U	24	5 U	5 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	3.6	2.0 U	2.0 U
	04/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/11/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/12/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	11/08/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
Cell 2 Monitoring Wells (LWBZ)														
MW-22	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-35	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.02	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.13	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
	MTCA Method B Groundwater VI Level	7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-55	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MW-56	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
RNWR Monitoring Wells (LWBZ)														
MW-60	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	1 U	1 U	0.3 U	0.5 U	0.3 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
VOCs (ug/L)																	
Cell 2 Monitoring Wells (UWBZ)																	
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/09/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	100 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/27/2006	1 U	1 U	1 U	1.02	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	13.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	50.2	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
MW-42	08/12/2002	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/23/2004	13 U	13 U	13 U	78	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	04/30/2004	25 U	25 U	25 U	100 U	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	08/10/2004	25 U	25 U	25 U	130	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/27/2004	25 U	25 U	25 U	180	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	7.31	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-43	08/12/2002	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/23/2004	13 U	13 U	13 U	110	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	08/11/2004	5.0 U	5.0 U	5.0 U	45	5.0 U	5.0 U	5.0 U	--	200 U	20 U	200 U	20 U	20 U	200 U	200 U	--
	10/27/2004	2.5 U	2.5 U	2.5 U	12	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	17.0	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.53	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
MW-44	08/13/2002	25 U	25 U	25 U	250	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/23/2004	13 U	13 U	13 U	290	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	04/29/2004	25 U	25 U	25 U	290	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	08/11/2004	25 U	25 U	25 U	200	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/29/2004	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	25.2	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	3.58	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	24.5	1 U	10 U	1 U	1 U	20 U	148	--
	08/19/2009	1 U	1 U	1 U	3.52	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	55.6	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/13/2007	1 U	1 U	1 U	1.24	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
Cell 2 (UWBZ)																	
MW-4	05/07/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/07/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/05/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	79.8	1 U	1 U	1 U	--	396	1 U	10 U	1 U	15.3	28.8	**1800**	--
	08/14/2009	1 U	1 U	1 U	122	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.76	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	32.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	8.57	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	3.58	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	3.93	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	3.35	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.72	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-15	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/05/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1.67	--	--	--
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	--	5 UJ	--	5 UJ	5 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	2.01	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-16	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.4	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1.29	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.91	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.67	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.57	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	1.1	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.98	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-18	07/29/2004	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	--	1000 UJ	--	1000 UJ	1000 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	92.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.15	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/24/2007	1 U	1 U	1 U	103	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	10.7	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	156	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.6	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	91.6	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	9.85	20 U	50 U	--
MW-21	08/08/2002	25 U	25 U	25 U	100 U	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	05/06/2004	10 U	10 U	10 U	40 U	10 U	10 U	10 U	--	400 U	40 U	400 U	40 U	40 U	400 U	400 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	100 U	--	--	--
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	--	500 UJ	--	500 UJ	500 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1.11	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	67.6	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.9	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/03/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/19/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
MW-25	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-26	01/26/2004	50 U	50 U	50 U	200	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	05/05/2004	25 U	25 U	25 U	200	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	07/29/2004	25 U	25 U	25 U	210	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/25/2004	25 U	25 U	25 U	210	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	--	1000 U	--	1000 U	1000 U	--	--	--
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	--	1000 UJ	--	1000 UJ	1000 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	118	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	9.96	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	131	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.3	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	109	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	11.3	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	198	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.6	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	110	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.7	20 U	50 U	--
	08/15/2008	1 U	1 U	1 U	204	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.4	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	146	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.4	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	**616**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.9	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	**754**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.5	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	161	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.7	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	**509**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	18.8	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	205	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.6	20 U	50 U	--
	01/23/2012	1 U	1 U	1 U	169	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.5	20 U	50.1	--
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	5.0 U	--	200 U	20 U	200 U	20 U	20 U	200 U	200 U	--
	05/07/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	07/29/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	10/20/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-38	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	9.07	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-49D	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	243	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	81.5	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	16.7	1 U	10 U	1 U	1 U	20 U	224	--
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10.5	1 U	10 U	1 U	1 U	20 U	158	--
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	17.4	1 U	10 U	1 U	1 U	20 U	68.7	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-52D	08/14/2008	1 U	1 U	1 U	16.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.68	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1.23	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	2.21	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-53S	08/14/2008	1 U	1 U	1 U	4.02	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.12	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1.41	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	5.75	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	1.75	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.16	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.12	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	10.1	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1.88	20 U	50 U	--
	01/20/2010	1 U	1 U	1 U	2.07	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	6.51	20 U	50 U	--
	01/18/2011	1 U	1 U	1 U	33.2	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	6.74	20 U	50 U	--
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.08	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.39	20 U	50 U	--
MW-53D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-55S	08/20/2010	1 U	1 U	1 U	2.29	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.38	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	2.44	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	2.48	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	2.04	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1.4	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	2.51	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW-57S	08/15/2008	1 U	1 U	1 U	106	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.9	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	98.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.2	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	86.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.4	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	82.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.4	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	79.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.7	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	85.7	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.3	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	93.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	15.5	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	104	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	15.5	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	90.3	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.2	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	86.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.6	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	40.8	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.67	20 U	50 U	--
	01/22/2014	1 U	1 U	1 U	65.5	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	13.3	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	54.6	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	12.1	20 U	50 U	5 U
	01/14/2015	1 U	1 U	1 U	62.6	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1.87	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	35.4	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	7.42	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	57.4	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	14.2	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	60.2	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	21.6	10 U	20 U	5 U
	08/10/2021	1 U	1 U	1 U	**59.8**	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
EPA-6D	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
RNWR Monitoring Wells (UWBZ)																	
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
USDFW-1	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
USDFW-2	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
Cell 1 (LWBZ)																	--
MW-40	08/08/2002	1.3 U	1.3 U	1.3 U	7.8	1.3 U	1.3 U	1.3 U	--	50 U	5 U	50 U	5 U	5 U	50 U	50 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/11/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1.14	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	52	--
	08/12/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	11/08/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/30/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
Cell 2 Monitoring Wells (LWBZ)																	--
MW-22	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/19/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-35	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	7.21	--	--	--
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	--	5 UJ	--	5 UJ	5 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-55	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MW-56	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
	MTCA Method B Groundwater VI Level	1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
RNWR Monitoring Wells (LWBZ)																	--
MW-60	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW-63	09/20/2012	1 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	1 U	--	10 U	0.5 U	10 U	0.5 U	0.5 U	20 U	10 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
VOCs (ug/L)																	
Cell 2 Monitoring Wells (UWBZ)																	
MW-7	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/09/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/27/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	**24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	09/05/2008	0.37	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/04/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-8S	08/13/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
MW-42	08/12/2002	**51**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/23/2004	**31**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	17	--	13 U	13 U
	04/30/2004	**42**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	30	--	25 U	25 U
	08/10/2004	**36**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	30	--	25 U	25 U
	10/27/2004	**55**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-43	08/12/2002	**57**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/23/2004	**19**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	--	13 U	13 U
	08/11/2004	5.0 U	20 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.4	--	5.0 U	5.0 U
	10/27/2004	**4.4**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
MW-44	08/13/2002	**47**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	42	--	25 U	25 U
	01/23/2004	**59**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	17	--	13 U	13 U
	04/29/2004	**29**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	08/11/2004	**29**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	10/29/2004	50 U	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	**5.57**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	22.1	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	**0.82**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
E-4	07/12/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.19	--	1 U	1 U
	09/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/22/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
EPA-4S	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/10/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/16/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-4D	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/10/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/16/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
Cell 2 (UWBZ)																	
MW-4	05/07/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-5	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/07/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/24/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.350	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	**1.28**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
PZ-06	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-10	08/06/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-13	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/05/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/28/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	**11.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.9	--	1 U	1 U
	08/14/2009	**2.10**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.63	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/23/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-14	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/28/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-15	08/08/2002	**15**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	54	--	0.5 U	0.5 U
	01/21/2004	**18**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	61	--	0.50 U	0.50 U
	05/05/2004	**18**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	59	--	0.50 U	0.50 U
	07/28/2004	**15**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	45	--	0.50 U	0.50 U
	10/20/2004	**17**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	51	--	0.50 U	0.50 U
	01/21/2005	**3.1**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.87	--	1 U	1 U
	07/20/2005	**16.4**	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	42	--	5 UJ	5 UJ
	01/23/2006	**29.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	36.2	--	1 U	1 U
	08/07/2006	**8.87**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	38.3	--	1 U	1 U
	01/18/2007	**14.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	35.5	--	1 U	1 U
	08/10/2007	**10.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	29.6	--	1 U	1 U
	01/16/2008	**6.46**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.2	--	1 U	1 U
	08/13/2008	**3.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	24.4	--	1 U	1 U
	09/03/2008	**2.77**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	21.6	--	1 U	1 U
	01/26/2009	**1.88**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	40.4	--	1 U	1 U
	08/17/2009	**1.12**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	16.1	--	1 U	1 U
	01/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.53	--	1 U	1 U
	08/11/2010	0.490	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.76	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.25	--	1 U	1 U
	08/23/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-16	08/07/2002	**2.8**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/23/2004	**2.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	**3.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/30/2004	**2.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/26/2004	**1.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/25/2005	**2.09**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/25/2006	**9.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	**1.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	**6.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**1.74**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2008	**2.73**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2008	**3.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.410	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**1.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.460	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.69	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	**2.52**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-17	08/07/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/30/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ		1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/24/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-18	07/29/2004	50 U	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ
	01/24/2006	**33.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.55	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/24/2007	**30.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.95	--	1 U	1 U
	08/15/2007	**27.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.33	--	1 U	1 U
	01/18/2008	**25.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.67	--	1 U	1 U
MW-21	08/08/2002	**41**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	05/06/2004	**12**	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U
	07/30/2004	**7.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.4	--	0.50 U	0.50 U
	10/26/2004	**5.1**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.9	--	2.5 U	2.5 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	500 UJ	500 UJ
	01/25/2006	**1.23**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.09	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**2.21**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.41	--	1 U	1 U
	01/22/2008	**1.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.04	--	1 U	1 U
	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	**4.10**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.53	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	**0.88**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	**1.05**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-23	08/06/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/03/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/19/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/20/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
MW-25	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	--	0.5 U	0.5 U
	01/27/2004	**2.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	7	--	0.50 U	0.50 U
	04/29/2004	0.61	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.6	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0	--	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.75	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.36	--	1 UJ	1 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-26	01/26/2004	**70**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	05/05/2004	**57**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	07/29/2004	**52**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	10/25/2004	**52**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ
	01/24/2006	**54.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.25	--	1 U	1 U
	08/08/2006	**68.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	**64.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.68	--	1 U	1 U
	08/15/2007	**57.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.61	--	1 U	1 U
	01/18/2008	**82.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.56	--	1 U	1 U
	08/15/2008	**41.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.77	--	1 U	1 U
	01/28/2009	**38.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.88	--	1 U	1 U
	08/18/2009	**46.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.81	--	1 U	1 U
	01/25/2010	**36.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.43	--	1 U	1 U
	08/16/2010	**56.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.85	--	1 U	1 U
	01/20/2011	**42.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.94	--	1 U	1 U
	08/30/2011	**30**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.86	--	1 U	1 U
	01/23/2012	**25.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.67	--	1 U	1 U
MW-27	01/26/2004	**24**	20 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U
	05/07/2004	**19**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	07/29/2004	**26**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	10/20/2004	**20**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
	01/23/2006	**17.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	**18.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	**20.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	**13.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	**15.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2008	**15.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2010	**13.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/29/2011	**8.02**	1 U	1 U	1 U	1 U	1.7	2 U	1 U	1 U	1 U	1 U	1.18	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-38	08/07/2002	**1.6**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.3	--	0.5 U	0.5 U
	08/07/2002	**1.5**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9	--	0.5 U	0.5 U
	01/27/2004	**0.86**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.7	--	0.50 U	0.50 U
	01/27/2004	**0.95**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.8	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.7	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.4	--	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	2.13	--	1 U	1 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	2.39	--	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.27	--	1 U	1 U
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.22	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.03	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.05	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-39	08/07/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-48S	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	--	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.39	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-49D	08/19/2008	**4.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.4	--	1 U	1 U
	10/03/2008	**4.24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.32	--	1 U	1 U
	01/26/2009	**2.59**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.24	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2009	0.510	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.19	--	1 U	1 U
	08/11/2010	0.740	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.16	--	1 U	1 U
	01/13/2011	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/23/2011	0.38	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-50S	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.03	1 U	1 U	1 U	--	1 U	1 U
	08/16/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-51D	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.45	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-52D	08/14/2008	**4.47**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	12.8	--	1 U	1 U
	10/07/2008	**1.40**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.57	--	1 U	1 U
	01/30/2009	**2.24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.53	--	1 U	1 U
	04/09/2009	**1.35**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.24	--	1 U	1 U
	08/18/2009	**2.34**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.05	--	1 U	1 U
	01/25/2010	0.670	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.11	--	1 U	1 U
	08/16/2010	0.710	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	**0.35**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-53S	08/14/2008	**31.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	**4.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2009	**22.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	**22.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	**13.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2010	**8.51**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.22	--	1 U	1 U
	08/16/2010	**10.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2011	**6.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2011	**2.85**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	**1.87**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-53D	08/14/2008	**2.64**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	30.6	--	1 U	1 U
	10/07/2008	**1.26**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.07	--	1 U	1 U
	01/28/2009	**3.79**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.8	--	1 U	1 U
	04/10/2009	**2.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.6	--	1 U	1 U
	08/17/2009	**2.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.60	--	1 U	1 U
	01/20/2010	**1.29**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.47	--	1 U	1 U
	08/16/2010	0.670	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.86	--	1 U	1 U
	01/18/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.02	--	1 U	1 U
	08/11/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-55S	08/20/2010	**3.47**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	0.34	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2012	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-55D	09/07/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	**3.81**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.22	--	1 U	1 U
	08/08/2011	0.4	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.1	--	1 U	1 U
	01/12/2012	**4.18**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.79	--	1 U	1 U
	08/13/2013	**8.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.98	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	**3.13**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.55	1 U	1 U	1 U
	01/15/2015	**4.23**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.59	1 U	1 U	1 U
	08/11/2016	**2.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.74	1 U	1 U	1 U
	01/09/2018	**4.83**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.5	1 U	1 U	1 U
	01/16/2020	**6.64**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3.22	1 U	1 U	1 U
	08/11/2021	**5.12**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.98	1 U	1 U	1 U
MW-57S	08/15/2008	**2.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	**1.65**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	**2.32**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.64	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	**2.08**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	**2.13**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2011	**1.76**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2012	**1.44**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	**1.26**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2014	**1.39**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	**1.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2015	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.79	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	**1.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	**1.48**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2.63	1 U	1 U	1 U
	08/10/2021	0.98	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-57D	08/14/2008	**33.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.3	--	1 U	1 U
	10/06/2008	**29.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.1	--	1 U	1 U
	10/06/2008	**32.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.7	--	1 U	1 U
	01/27/2009	**28.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.2	--	1 U	1 U
	01/27/2009	**27.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.8	--	1 U	1 U
	04/07/2009	**32.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.6	--	1 U	1 U
	04/07/2009	**33.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.5	--	1 U	1 U
	08/06/2009	**28.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.6	--	1 U	1 U
	01/13/2010	**33.6**	1 U	1 U	1 U	1 U	1 U	2.25	1 U	1 U	1 U	1 U	1 U	15	--	1 U	1 U
	01/13/2010	**31.6**	1 U	1 U	1 U	1 U	1 U	2.3	1 U	1 U	1 U	1 U	1 U	15	--	1 U	1 U
	08/12/2010	**31.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.4	--	1 U	1 U
	08/12/2010	**25.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	17	--	1 U	1 U
	01/14/2011	**30.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	22.7	--	1 U	1 U
	01/14/2011	**32.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	24	--	1 U	1 U
	08/25/2011	**27.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.2	--	1 U	1 U
	08/25/2011	**28.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	21.6	--	1 U	1 U
	01/11/2012	**31.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	19.9	--	1 U	1 U
	01/11/2012	**29.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.7	--	1 U	1 U
	08/13/2013	**5.79**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.96	--	1 U	1 U
	08/13/2013	**5.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.44	--	1 U	1 U
	01/22/2014	**16.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.87	1 U	1 U	1 U
	01/22/2014	**17.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.8	1 U	1 U	1 U
	07/23/2014	**25.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	15.9	1 U	1 U	1 U
	07/23/2014	**26.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	16.7	1 U	1 U	1 U
	01/14/2015	**19.4**	1 U	1 U	1 U	1 U	1 U	4.21	1 U	1 U	1 U	1 U	1 U	16	1 U	1 U	1 U
	01/14/2015	**20.7**	1 U	1 U	1 U	1 U	1 U	2.68	1 U	1 U	1 U	1 U	1 U	17.1	1 U	1 U	1 U
	08/12/2016	**14.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.1	1 U	1 U	1 U
	08/12/2016	**14.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.4	1 U	1 U	1 U
	01/09/2018	**15.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18	1 U	1 U	1 U
	01/09/2018	**14.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	14.9	1 U	1 U	1 U
	01/15/2020	**17**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	11.5	1 U	1 U	1 U
	01/15/2020	**17.7**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	12.4	1 U	1 U	1 U
	08/10/2021	**15.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.5	1 U	1 U	1 U
	08/10/2021	**16.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	12.1	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-58D	08/13/2008	**6.69**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	**9.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	**8.15**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	**6.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	**10.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2010	**16.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	**13.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	**19.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	**18.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	**26.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	**8.63**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	**10.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	**10.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	**15.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	**8.43**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	**3.19**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	**8.64**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.89	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
EPA-5S	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-5D	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-6S	08/18/2008	0.36	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	0.35	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	0.63	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**1.54**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2010	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.65	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	0.33	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
EPA-6D	08/18/2008	**25.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	**10.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	**16.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	**14.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**9.36**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	**3.37**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	**5.25**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2011	**1.93**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	**1.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
RNWR Monitoring Wells (UWBZ)																	
MW-30	08/13/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	10/24/2003	**4.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	8.9	--	0.50 U	0.50 U
	05/04/2004	**3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9	--	0.50 U	0.50 U
	08/13/2004	**3.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	7.3	--	0.50 U	0.50 U
	10/25/2004	**1.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.7	--	0.50 U	0.50 U
	01/28/2005	**1.43**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.61	--	1 U	1 U
	07/28/2005	**1.1**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	7.2	--	1 U	1 U
	02/01/2006	0.43	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.81	--	1 U	1 U
	08/11/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.08	--	1 U	1 U
	01/22/2007	0.55	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.63	--	1 U	1 U
	08/27/2007	0.41	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.43	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
USDFW-1	01/28/2008	0.4	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.69	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.84	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.39	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.62	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.94	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.11	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.45	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.17	--	1 U	1 U
	08/07/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.12	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	13	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	08/13/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	10/25/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.0	--	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	6.11	--	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	9.14	--	1 U	1 U
	02/01/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.36	--	1 U	1 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/22/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.41	--	1 U	1 U
	08/27/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.09	--	1 U	1 U
	01/28/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.49	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
USDFW-3	10/24/2003	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.88	--	0.50 U	0.50 U
	08/13/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/25/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/01/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/27/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
RMW-2S	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.19	1 U	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.46	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
RMW-2D	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
Cell 1 (LWBZ)																	
MW-40	08/08/2002	**4.6**	5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.6	--	1.3 U	1.3 U
	01/23/2004	**1.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.2	--	0.50 U	0.50 U
	04/30/2004	0.78	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	08/11/2004	0.63	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7	--	0.50 U	0.50 U
	10/29/2004	0.5	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.8	--	0.50 U	0.50 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.7	--	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.34	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.03	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-41	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67	--	0.5 U	0.5 U
	01/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.68	--	0.50 U	0.50 U
	04/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.63	--	0.50 U	0.50 U
	08/12/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.65	--	0.50 U	0.50 U
	11/08/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0	--	0.50 U	0.50 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/30/2006	**5.67**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.82	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
Cell 2 Monitoring Wells (LWBZ)																	
MW-22	08/08/2002	**8.6**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	--	0.5 U	0.5 U
	01/23/2004	**8.9**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.9	--	0.50 U	0.50 U
	04/28/2004	**8.7**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.4	--	0.50 U	0.50 U
	08/06/2004	**6.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.4	--	0.50 U	0.50 U
	10/26/2004	**4.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.2	--	0.50 U	0.50 U
	01/25/2005	**3.94**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	3.88	--	1 U	1 U
	07/25/2005	**2.45**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.81	--	1 UJ	1 UJ
	01/25/2006	**4.91**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.47	--	1 U	1 U
	08/10/2006	**0.97**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**1.18**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.86	--	1 U	1 U
	01/22/2008	0.63	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.75	--	1 U	1 U
MW-33	08/07/2002	**1.1**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.7	--	0.5 U	0.5 U
	01/21/2004	**3.4**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	04/27/2004	**3.5**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	07/28/2004	**2.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.3	--	0.50 U	0.50 U
	10/19/2004	**2.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	8.7	--	0.50 U	0.50 U
	01/20/2005	**1.97**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.49	--	1 U	1 U
	07/20/2005	**1.77**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	7.86	--	1 UJ	1 UJ
	01/20/2006	**1.53**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.70	--	1 U	1 U
	08/04/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.42	--	1 U	1 U
	01/19/2007	**1.12**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.28	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	**1.03**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.97	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.85	--	1 U	1 U
	08/11/2008	0.38	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.50	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.85	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.5	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-34	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/21/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	04/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.02	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.29	--	1 U	1 U
MW-35	08/13/2002	**15**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	--	0.5 U	0.5 U
	08/13/2002	**14**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	--	0.5 U	0.5 U
	01/21/2004	**16**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	3.9	--	0.50 U	0.50 U
	04/28/2004	**15**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	3.7	--	0.50 U	0.50 U
	07/30/2004	**16**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.1	--	0.50 U	0.50 U
	10/25/2004	**13**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.2	--	0.50 U	0.50 U
	01/24/2005	**14.4**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	4.56	--	1 U	1 U
	07/20/2005	**11.3**	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ
	01/24/2006	**12.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.68	--	1 U	1 U
	08/08/2006	**12.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.25	--	1 U	1 U
	01/24/2007	**9.39**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.45	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2008	**13.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.70	--	1 U	1 U
	08/14/2008	**12.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.10	--	1 U	1 U
	01/30/2009	**7.95**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.17	--	1 U	1 U
	08/18/2009	**10.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.39	--	1 U	1 U
	01/22/2010	**7.93**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.35	--	1 U	1 U
	08/16/2010	**7.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.43	--	1 U	1 U
	01/20/2011	**7.75**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.26	--	1 U	1 U
	08/29/2011	**6.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.97	--	1 U	1 U
	01/18/2012	**5.09**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.54	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-36	08/07/2002	**2.7**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.92	--	0.5 U	0.5 U
	01/26/2004	0.65	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.8	--	0.50 U	0.50 U
	04/28/2004	**3.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	07/30/2004	**3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2	--	0.50 U	0.50 U
	10/26/2004	**2.1**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	01/25/2005	**1.49**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.49	--	1 U	1 U
	07/25/2005	**1.27**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.49	--	1 UJ	1 UJ
	01/25/2006	0.56	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.15	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.13	--	1 U	1 U
MW-37	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	04/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-54	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-55	08/14/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.59	--	1 U	1 U
	10/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.55	--	1 U	1 U
	01/27/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.54	--	1 U	1 U
	04/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.60	--	1 U	1 U
	08/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.73	--	1 U	1 U
	01/14/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.45	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.53	--	1 U	1 U
	01/14/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.26	--	1 U	1 U
	08/08/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.41	--	1 U	1 U
	01/12/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.82	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.58	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.89	1 U	1 U	1 U
	07/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.13	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.43	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
	MTCA Method B Groundwater VI Level	2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MW-56	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW59	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/29/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-62	09/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2012	0.3 U	1 U	1 U	1 U	1 U	1.19	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
RNWR Monitoring Wells (LWBZ)																	
MW-60	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.9		1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	**13.7**	1 U		1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.5		1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.0		1 U	1 U
	08/07/2009	**1.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.7		1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.0		1 U	1 U
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.46		1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.48		1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.5		1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.65		1 U	1 U
MW-61	09/03/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2012	0.3 U	1 U	1 U	1 U	1 U	1.29	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.3 U	0.3 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	0.5 U	1 U	0.3 U	0.5 U	0.3 U	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	22.6	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
VOCs (ug/L)																		
Cell 2 Monitoring Wells (UWBZ)																		
MW-7	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	1.8	--	2.0 U	2.4	1.5	--	2.0 U	150	2.0 U	2.0 U	5	2.0 U	--	0.50 U	2.0 U	**0.51**
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/09/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**0.92**
	01/26/2005	100 U	100 U	--	100 U	100 U	200 U	--	100 U	**1520**	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	73.1	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	130	1 U	1 U	2.62	1.19	1 U	1 U	1 U	**1.64**
	08/10/2006	1 U	1.99	--	1 U	1 U	2 U	--	20 U	**324**	1 U	1 U	9.12	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	2.5	2 U	--	20 U	7.21	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	49.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.42**
	02/04/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2.5	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
MW-42	08/12/2002	50 U	310	--	200 U	200 U	580	--	200 U	**16000**	200 U	200 U	330	200 U	--	**110**	200 U	50 U
	01/23/2004	13 U	140	--	50 U	50 U	140	--	50 U	**6200**	50 U	50 U	170	50 U	--	**23**	50 U	13 U
	04/30/2004	25 U	200	--	100 U	100 U	290	--	100 U	**9700**	180 U	100 U	240	100 U	25 U	**62**	100 U	**30**
	08/10/2004	25 U	280	--	100 U	100 U	480	--	100 U	**16000**	100 U	100 U	320	100 U	25 U	**99**	100 U	25 U
	10/27/2004	25 U	350	--	100 U	100 U	540	--	100 U	**18000**	100 U	100 U	410	100 U	25 U	**80**	100 U	25 U
	01/26/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**8330**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	6.12	--	1 U	2.46	9.31	--	20 U	**526**	1 U	2.58	6.57	1.51	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-43	08/12/2002	50 U	270	--	200 U	200 U	500	--	200 U	**17000**	200 U	200 U	310	200 U	--	**58**	200 U	50 U
	01/23/2004	13 U	140	--	50 U	62	150	--	50 U	**6300**	50 U	50 U	150	50 U	--	**15**	50 U	**25**
	08/11/2004	5.0 U	35	--	20 U	25	44	--	20 U	**2500**	20 U	20 U	43	20 U	5.0 U	5.0 U	20 U	**6.4**
	10/27/2004	2.5 U	34	--	10 U	13	33	--	10 U	**1500**	10 U	10 U	36	10 U	2.5 U	**3.1**	10 U	2.5 U
	01/27/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**11000**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	16.9	--	1 U	9.65	13	--	20 U	**1000**	2.81	8.04	16	5.24	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	25 U	310	--	100 U	100	410	--	100 U	**12000**	100 U	100 U	330	100 U	--	**89**	100 U	25 U
	01/23/2004	13 U	360	--	50 U	110	610	--	50 U	**12000**	50 U	74	460	50 U	--	**130**	50 U	**13**
	04/29/2004	25 U	270	--	100 U	100	440	--	100 U	**26000**	270 U	100 U	320	100 U	25 U	**80**	100 U	25 U
	08/11/2004	25 U	270	--	100 U	100 U	400	--	100 U	**13000**	100 U	100 U	310	100 U	25 U	**110**	100 U	25 U
	10/29/2004	50 U	110	--	200 U	200 U	180	--	200 U	**21000**	200 U	200 U	150	200 U	50 U	50 U	200 U	50 U
	01/27/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**4420**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	30.4	--	1 U	12	37.1	--	20 U	**1450**	1.67	9.38	39.4	3.35	1 U	**5.61**	1 U	**13.1**
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	159	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1.29	--	1 U	1 U	2 U	--	20 U	**442**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	4.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	61.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	12.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	34.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	**216**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.9	1.02	1 U	1 U	1.51	1 U	1 U	1 U	1 U
	08/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.95	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.95	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
EPA-4S	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)																		
MW-4	05/07/2004	0.50 U	0.50 U	--	2.0 U	6.3	0.50 U	--	2.0 U	2.0 U	120 U	2.0 U	0.62	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/29/2004	0.50 U	0.50 U	--	2.0 U	7.8	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	7.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	3.37	2 U	--	1 U	1 U	1 U	1 U	1 U	1.12	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	--	1 U	4.92	2 U	--	20 U	3.92	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	--	1 U	5.32	2 U	--	20 U	2.28	1.51	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	5.47	2 U	--	20 U	1 U	1 U	1.39	1 U	1.28	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	--	1 U	7.56	2 U	--	20 U	1 U	1.31	2.30	1 U	1.75	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	--	1 U	6.82	2 U	--	20 U	2.5	1.23	1.79	1 U	1.51	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	--	1 U	2.18	2 U	--	20 U	1.34	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	2.21	2 U	--	20 U	1.33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	--	1 U	3.22	2 U	--	20 U	1.07	1 U	1.09	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	--	1 U	2.08	2 U	--	1 U	2.47	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	6.87	2 U	--	1 U	1 U	1 U	2.33	1 U	1.49	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	2.92	2 U	--	20 U	1.06	1.75	1.07	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	4.83	2 U	--	20 U	1.62	1 U	1.36	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	5.54	2 U	--	20 U	2.08 J	1 U	1.58	1 U	1.09	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-5	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/07/2004	0.50 U	0.50 U	--	2.0 U	2.1	0.50 U	--	2.0 U	2.0 U	130 U	2.0 U	1	2.2	0.50 U	0.50 U	2.0 U	0.50 U
	07/29/2004	0.50 U	0.50 U	--	2.0 U	2.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	1	2.6	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	1.1	2.3	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	--	1 U	1.51	2 U	--	20 U	3.35	1 U	1 U	1 U	1.15	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.12	1 U	1 U	1.04	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1.31	--	1 U	2.02	2 U	--	20 U	1 U	1 U	1 U	1.37	1.63	1 U	1 U	1 U	1 U
	08/14/2007	1 U	3.09	--	1 U	2.74	2 U	--	20 U	1 U	1 U	1 U	2.56	1.62	1 U	1 U	1 U	1 U
	01/17/2008	1 U	15.7	--	1 U	5.75	4.49	--	20 U	1.7	1 U	1.15	8.67	2.45	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.78	1 U	1 U	1.47	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	--	1 U	1.98	2 U	--	1 U	1 U	1 U	1 U	2.72	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	5.30	2 U	--	1 U	1 U	1 U	1.15	2.39	2.15	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	2.55	2 U	--	20 U	1 U	1 U	1 U	1.73	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1.64	2 U	--	20 U	1.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	7.31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/01/2010	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1.43	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-13	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/05/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	51	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.67	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.12	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	14.2	--	1 U	30.0	28.9	--	20 U	**4870**	36.2	48.1	38.1	40.0	1 U	**1.83**	3.33	1 U
	08/14/2009	1 U	7.37	--	1 U	18.1	5.77	--	20 U	**1330**	16.9	28.0	9.57	23.1	1 U	1 U	2.74	1 U
	01/11/2010	1 U	3.58	--	1 U	10.1	2.51	--	1 U	**3200**	16.0	15.9	4.52	16.4	--	1 U	1.37	1 U
	08/11/2010	1 U	1 U	--	1 U	5.22	2 U	--	1 U	**186**	14.0	8.42	1 U	15.4	1 U	1 U	1.50	1 U
	01/12/2011	1 U	1 U	--	1 U	4.76	2 U	--	20 U	150	11.4	8.26	1 U	15.6	1 U	1 U	1.5	1 U
	08/23/2011	1 U	1 U	--	1 U	2.46	2 U	--	20 U	6.4	8.06	3.77	1 U	9.78	1 U	1 U	1	1 U
	01/09/2012	1 U	1 U	--	1 U	2.47	2 U	--	20 U	6.74	8.37	3.79	1 U	10.5	1 U	1 U	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-15	08/08/2002	0.5 U	0.5 U	--	2 U	12	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	12	--	0.5 U	2 U	**140**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	6.4	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	15	--	0.50 U	2.0 U	**160**
	05/05/2004	0.50 U	0.50 U	--	2.0 U	5.3	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	15	0.50 U	0.50 U	2	**150**
	07/28/2004	0.50 U	0.50 U	--	2.0 U	3.8	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	10	0.50 U	0.50 U	2.0 U	**93**
	10/20/2004	0.50 U	0.50 U	--	2.0 U	4.8	0.50 U	--	2.0 U	2.9	2.0 U	2.0 U	0.50 U	15	0.50 U	0.50 U	2.0	**130**
	01/21/2005	1 U	1 U	--	1 U	1.01	2 U	--	1 U	1 U	1 U	1 U	1 U	2.69	1 U	1 U	1 U	**24.2**
	07/20/2005	5 UJ	5 UJ	--	5 UJ	6.25	10 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	11	5 UJ	5 UJ	5 UJ	**104**
	01/23/2006	1 U	1 U	--	1 U	28.5	2 U	--	20 U	6.11	1 U	2.22	25.1	12.3	1 U	1 U	1.58	**101**
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.61	1 U	1 U	1 U	4.45	1 U	1 U	1 U	**45.5**
	01/18/2007	1 U	1 U	--	1 U	1.77	2 U	--	20 U	1.32	1 U	1 U	1 U	4.22	1 U	1 U	1 U	**24.9**
	08/10/2007	1 U	1 U	--	1 U	1.43	2 U	--	20 U	1 U	1 U	1 U	1 U	6.78	1 U	1 U	1 U	**41.6**
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.22	1 U	1 U	1 U	**22.4**
	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.59	1 U	1 U	1 U	**23.7**
	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	3.24	1 U	1 U	1 U	**24.0**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.54	1 U	1 U	1 U	**26.6**
	08/17/2009	1 U	1 U	--	1 U	1.25	2 U	--	20 U	35.7	1 U	1.35	1 U	3.10	1 U	1 U	1 U	**13.6**
	01/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.76	1 U	1 U	1 U	1 U	--	1 U	1 U	**10.9**
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.40**
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	0.5 U	26	--	2 U	6.6	9.5	--	2 U	46	2.2	8.3	34	2 U	--	0.5 U	2 U	0.5 U
	01/23/2004	0.50 U	23	--	2.0 U	5.8	8.6	--	2.0 U	31	3	8.9	31	2.2	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	23	--	2.0 U	5.6	8.7	--	2.0 U	30	2.5	9.1	30	2.2	0.50 U	0.50 U	2.0 U	0.50 U
	07/30/2004	0.50 U	23	--	2.0 U	5.4	8.1	--	2.0 U	28	2.6	8.9	30	2.1	0.50 U	0.50 U	2.0 U	0.50 U
	10/26/2004	0.50 U	19	--	2.0 U	5.5	5.5	--	2.0 U	13	2.7	7.5	24	2.0	0.50 U	0.50 U	2.0 U	0.50 U
	01/25/2005	1 U	18.1	--	1 U	5.1	5.56	--	1 U	15.8	1 U	6.5	23	1.93	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	19.9	--	10 UJ	10 UJ	20 UJ	--	10 UJ	18.6	10 UJ	10 UJ	21.4	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1 U	27.3	--	1 U	5.16	5.35	--	20 U	10.2	1.77	6.62	41.0	1.59	1 U	1 U	1 U	1 U
	08/10/2006	1 U	18.4	--	1 U	2.06	2 U	--	20 U	5.14	1.40	3.26	26.8	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	18.8	--	1 U	4.23	2.59	--	20 U	3.33	1.69	5.87	21.7	1.50	1 U	1 U	1 U	1 U
	08/16/2007	1 U	9.04	--	1 U	4.47	2.40	--	20 U	1.67	1.82	7.20	19.7	1.64	1 U	1 U	1 U	1 U
	01/22/2008	1 U	6.27	--	1 U	3.34	2 U	--	20 U	1.99	1.32	6.16	16.9	1.48	1 U	1 U	1 U	1 U
	08/19/2008	1 U	5.02	--	1 U	3.22	2 U	--	20 U	2.17	1.47	4.20	17.3	1.34	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1.98	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	2.93	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1.88	--	1 U	3.04	2 U	--	20 U	1 U	2.28	2.08	4.54	2.48	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1.27	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	2.96	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1.07	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	3.27	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1.33	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1.23	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1.05	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-17	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	4.68	--	1 U	1 U	5.09	--	20 U	5.75	1 U	1 U	1.44	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	5.21	--	1 U	1 U	2 U	--	20 U	**398**	1 U	1 U	2.17	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	50 U	**1100**	--	200 U	200 U	720	--	200 U	**18000**	200 U	200 U	390	200 U	50 U	**130**	200 U	50 U
	07/25/2005	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	2000 UJ	--	1000 UJ	**4160**	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	**995**	--	1 U	34.4	714	--	20 U	**17300**	1.93	11.9	469	2.72	1 U	**186**	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1 U	**800**	--	1 U	29.7	546	--	20 U	**4060**	4.16	17.1	299	3.98	1 U	**125**	1 U	**3.02**
	08/15/2007	1 U	**909**	--	1 U	35.6	605	--	20 U	**8780**	3.62	24.5	345	4.66	1 U	**93.3**	1 U	**1.78**
	01/18/2008	1 U	**941**	--	1 U	35.8	676	--	20 U	**17000**	3.03	12.8	402	3.00	1 U	**100**	1 U	**2.15**
MW-21	08/08/2002	25 U	170	--	100 U	100 U	130	--	100 U	**7400**	100 U	100 U	250	100 U	--	25 U	100 U	**34**
	05/06/2004	10 U	84	--	40 U	44	44	--	40 U	**3000**	40 U	40 U	110	40 U	10 U	10 U	40 U	10 U
	07/30/2004	0.50 U	43	--	2.0 U	44	33	--	2.0 U	**1500**	4.6	17	56	11	0.50 U	0.50 U	2	**3**
	10/26/2004	2.5 U	69	--	10 U	41	39	--	10 U	**1000**	10 U	14	92	10 U	2.5 U	2.5 U	10 U	2.5 U
	01/25/2005	100 U	110	--	100 U	100 U	200 U	--	100 U	**1290**	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	500 UJ	500 UJ	--	500 UJ	500 UJ	1000 UJ	--	500 UJ	**1160**	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	11.0	--	1 U	17.5	5.88	--	20 U	**620**	2.11	5.43	15.1	4.98	1 U	1 U	1.04	1 U
	08/10/2006	1 U	1 U	--	1 U	3.63	2 U	--	20 U	1.36	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1.08	--	1 U	3.37	2 U	--	20 U	1 U	1 U	1 U	1 U	4.57	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	--	1 U	2.79	2 U	--	20 U	1 U	1 U	1 U	1 U	2.78	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	2.78	2 U	--	20 U	1 U	1 U	1 U	1 U	2.34	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	49.0	--	1 U	25.5	79.7	--	1 U	107	1 U	11.2	62.2	9.69	1 U	1.36	1 U	1 U
	01/21/2011	1 U	1.81	--	1 U	1 U	2 U	--	20 U	24.6	1 U	1 U	1.83	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-23	08/06/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/03/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.1	0.50 U	0.50 U	2.0 U	0.50 U
	10/19/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1.76	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.26	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.10**
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.05	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/30/2011	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	4	--	0.50 U	2.0 U	**0.74**
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.4	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.1	0.50 U	0.50 U	2.0 U	**0.54**
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.4	0.50 U	0.50 U	2.0 U	**0.53**
	01/26/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.14	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-26	01/26/2004	50 U	**1200**	--	200 U	200 U	680	--	200 U	**20000**	200 U	200 U	390	200 U	--	50 U	200 U	50 U
	05/05/2004	25 U	**1200**	--	100 U	100 U	690	--	100 U	**17000**	100 U	100 U	400	100 U	25 U	**34**	100 U	25 U
	07/29/2004	25 U	**1200**	--	100 U	100 U	730	--	100 U	**14000**	100 U	100 U	430	100 U	25 U	**75**	100 U	25 U
	10/25/2004	25 U	**1300**	--	100 U	100 U	790	--	100 U	**16000**	100 U	100 U	460	100 U	25 U	**61**	100 U	25 U
	01/24/2005	1000 U	**1250**	--	1000 U	1000 U	2000 U	--	1000 U	**16300**	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	2000 UJ	--	1000 UJ	**3740**	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	**926**	--	1 U	60.9	508	--	20 U	**15800**	1 U	13.8	352	3.00	1 U	**9.27**	1 U	1 U
	08/08/2006	1 U	**1090**	--	1 U	64.5	584	--	20 U	**16800**	1 U	25.4	333	3.79	1 U	**14.8**	1 U	1 U
	01/24/2007	1 U	**837**	--	1 U	48.4	475	--	20 U	**2770**	4.03	14.7	270	3.61	1 U	**13.7**	1 U	**2.38**
	08/15/2007	1 U	**1100**	--	1 U	55.5	743	--	20 U	**10200**	3.78	22.6	435	4.35	1 U	**81.2**	1 U	**1.91**
	01/18/2008	1 U	**1100**	--	1 U	57.9	703	--	20 U	**10300**	3.40	12.8	429	3.03	1 U	**25.2**	1 U	**1.47**
	08/15/2008	1 U	**842**	--	1 U	51.4	814	--	20 U	**15300**	6.47	21.8	537	5.89	1 U	**127**	1 U	**3.46**
	01/28/2009	1 U	**1480**	--	1 U	59.1	1040	--	20 U	**17800**	1 U	18.0	572	3.92	1 U	**49.4**	1 U	**1.65**
	08/18/2009	1 U	**1320**	--	1 U	50.8	874	--	20 U	**16900**	1 U	20.9	496	5.82	1 U	**14.9**	1 U	**1.32**
	01/25/2010	1 U	**1440**	--	1 U	52.6	909	--	1 U	**12300**	1 U	20.4	543	1 U	--	**31.5**	1 U	**1.34**
	08/16/2010	1 U	**1120**	--	1 U	58.3	706	--	1 U	**17200**	3.53	19.3	433	4.07	1 U	**9.51**	1 U	**1.17**
	01/20/2011	1 U	**1090**	--	1 U	45.7	895	--	20 U	**28100**	6.17	26.6	549	4.4	1 U	**91.6**	1 U	**2.01**
	08/30/2011	1 U	**1380**	--	1 U	50.3	1060	--	20 U	**16000**	1 U	15.6	615	3.83	1 U	**89.4**	1 U	**1.69**
	01/23/2012	1 U	744	--	1 U	38.8	565	--	20 U	**11100**	1 U	22.9	311	2.47	1 U	**86.3**	1 U	**1.85**
MW-27	01/26/2004	5.0 U	200	--	20 U	20 U	11	--	20 U	**1800**	20 U	20 U	24	20 U	--	5.0 U	20 U	5.0 U
	05/07/2004	2.5 U	160	--	10 U	17	9.6	--	10 U	**1400**	270 U	10 U	18	10 U	2.5 U	2.5 U	10 U	2.5 U
	07/29/2004	2.5 U	280	--	10 U	20	22	--	10 U	**1400**	10 U	10 U	29	10 U	2.5 U	2.5 U	10 U	2.5 U
	10/20/2004	2.5 U	220	--	10 U	23	11	--	10 U	**1800**	10 U	10 U	25	10 U	2.5 U	2.5 U	10 U	2.5 U
	01/21/2005	1 U	2.36	--	1 U	1 U	2 U	--	1 U	14.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	163	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**1640**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	1 U	141	--	1 U	23.8	3.94	--	20 U	**1810**	1 U	4.72	16.2	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	162	--	1 U	21.5	2 U	--	20 U	**905**	1 U	3.57	16.3	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	129	--	1 U	17.1	4.62	--	20 U	**478**	1 U	4.14	13.3	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	86.7	--	1 U	18.3	2.95	--	20 U	**705**	1 U	5.84	9.67	1.13	1 U	1 U	1 U	1 U
	01/17/2008	1 U	135	--	1 U	23.1	5.41	--	20 U	**694**	1 U	6.63	13.9	1.15	1 U	1 U	1 U	1 U
	08/15/2008	1 U	74.0	--	1 U	24.6	6.13	--	20 U	**1320**	1 U	7.01	10.8	1.72	1 U	1 U	1 U	1 U
	01/22/2010	1 U	98	--	1 U	22.4	3.14	--	20 U	**1730**	1 U	7.57	7.31	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	57.2	--	1 U	20.5	2 U	--	20 U	**1040**	1 U	5.71	4.88	1.09	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-38	08/07/2002	0.5 U	0.5 U	--	2 U	4.5	0.56	--	2 U	21	2 U	2 U	1.3	8.5	--	0.5 U	2 U	**4.9**
	08/07/2002	0.5 U	0.5 U	--	2 U	4.4	0.62	--	2 U	33	2 U	2 U	1.5	9.2	--	0.5 U	2 U	**4.6**
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	12	--	0.50 U	2.2	**7.3**
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	12	--	0.50 U	2.2	**7.3**
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	78	2.0 U	2.0 U	0.50 U	9.9	0.50 U	0.50 U	2.0 U	**0.75**
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	77	2.0 U	2.0 U	0.50 U	8.0	0.50 U	0.50 U	2.0 U	**0.63**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.65	1 U	1 U	1 U	**1.88**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	3.03	1 U	1 U	1 U	**2.01**
	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	147	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	**168**	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.73	1 U	1 U	1 U	1 U
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.69	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.16	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.70	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-39	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	12	2 U	2 U	0.65	2 U	--	0.5 U	2 U	0.5 U
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**1100**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	07/25/2005	100 UJ	100 UJ	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**979**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	114	1 U	1 U	1.38	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	98.8	1 U	1 U	1.17	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.40	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.42	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	8.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-48S	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	5.65	1 U	1 U	3.26	1 U	--	1 U	1 U	1 U
	01/24/2011	1 U	5.75	--	1 U	1 U	4.91	--	20 U	**1010**	1.21 UJ	1 U	3.09	1 U	1 U	**2.33**	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	--	1 U	4.94	2 U	--	20 U	**220**	1 U	1 U	2.29	3.21	1 U	1 U	1 U	**13.4**
	10/03/2008	1 U	1 U	--	1 U	4.21	2 U	--	20 U	**1070**	1 U	1 U	1.93	1.65	1 U	1 U	1 U	**11.4**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	72.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**6.41**
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	81.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	99.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.78	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.54**
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	115	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	68.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	70.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-50S	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.47	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.29	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.12**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-52D	08/14/2008	1 U	43.4	--	1 U	7.71	30.2	--	20 U	**1390**	1.81	2.63	21.1	3.51	1 U	1 U	1 U	**3.85**
	10/07/2008	1 U	3.15	--	1 U	1 U	2 U	--	20 U	**270**	1 U	1 U	1.15	1 U	1 U	1 U	1 U	**2.49**
	01/30/2009	1 U	1.31	--	1 U	1 U	2 U	--	20 U	60.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.47**
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	52.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.29**
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	41.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.42**
	01/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.51	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.73	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.91	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.23	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-53S	08/14/2008	1 U	29.3	--	1 U	4.92	4.20	--	20 U	**979**	1 U	2.29	4.72	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	271	--	1 U	24.6	41.2	--	20 U	**21000**	3.47	19.1	23.5	4.24	1 U	1 U	1 U	1 U
	01/28/2009	1 U	139	--	1 U	26.0	36.6	--	20 U	**10400**	3.16	14.4	20.9	3.59	1 U	1 U	1 U	1 U
	04/10/2009	1 U	95.4	--	1 U	14.2	17.4	--	20 U	**10600**	1 U	8.20	11.0	2.01	1 U	**2.08**	1 U	1 U
	08/18/2009	1 U	61.0	--	1 U	7.49	17.4	--	20 U	**2960**	1 U	4.06	13.2	1.14	1 U	1 U	1 U	1 U
	01/20/2010	1 U	178	--	1 U	26.5	50.4	--	1 U	**9630**	1 U	19.6	31.5	4.27	--	1.31	1 U	1 U
	08/16/2010	1 U	159	--	1 U	24.4	39.2	--	1 U	**15500**	1 U	16.9	23.1	4.61	1 U	1 U	1.24	1 U
	01/18/2011	1 U	174	--	1 U	28.6	53.3	--	20 U	**26300**	4.83	20.7	25.8	3.88	1 U	**2.85**	1 U	1 U
	08/11/2011	1 U	132	--	1 U	22	29.1	--	20 U	**24200**	1 U	14.4	16.5	4.29	1 U	1 U	1.19	1 U
	01/17/2012	1 U	91.7	--	1 U	19.1	20	--	20 U	**17600**	2.12	12.1	13.9	3.35	1 U	1 U	1 U	1 U
MW-53D	08/14/2008	1 U	1.18	--	1 U	1.43	2 U	--	20 U	76.8	1 U	1 U	1.39	4.89	1 U	1 U	1 U	**15.8**
	10/07/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.48**
	01/28/2009	1 U	1 U	--	1 U	1.23	2 U	--	20 U	60.2	1 U	1 U	1 U	1.25	1 U	1 U	1 U	**10.1**
	04/10/2009	1 U	1 U	--	1 U	1.22	2 U	--	20 U	**182**	1 U	1 U	1 U	1.62	1 U	1 U	1 U	**4.38**
	08/17/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.42**
	01/20/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	10.0	1 U	1 U	1 U	1 U	--	1 U	1 U	**2.37**
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-55S	08/20/2010	1 U	19.7	--	1 U	13.9	2 U	--	20 U	**2490**	7.23	10.8	5.54	9.03	1 U	1 U	5.47	1 U
	01/14/2011	1 U	24.5	--	1 U	18.4	4.73	--	20 U	**1900**	1 U	13.2	5.49	8.1	1 U	1 U	3.68	1 U
	08/08/2011	1 U	24.3	--	1 U	16	2.93	--	20 U	**938**	1 U	10.1	4.51	7.97	1 U	1 U	3.05	1 U
	01/12/2012	1 U	20.7	--	1 U	19.7	3.27	--	20 U	**718**	1 U	11.5	5.58	9.13	1 U	1 U	3.6	1 U
	08/13/2013	1 U	9.15	--	1 U	9.6	2 U	--	20 U	134	3.29	6.45	1.41	5.02	1 U	1 U	1.33	1 U
	01/24/2014	1 U	9.87	1 U	1 U	14.8	2 U	1 U	20 U	**176**	6.25	6.41	1.56	7.69	--	1 U	2.29	1 U
	07/23/2014	1 U	9.13	1 U	1 U	14.7	2 U	1 U	20 U	115	7.11	8.16	1.34	7.5	--	1 U	2.29	1 U
	01/15/2015	1 U	7.52	1 U	1 U	10.6	2 U	1 U	20 U	**310**	5.39	10	1.24	6.12	--	1 U	2.65	1 U
	08/11/2016	1 U	10.6	1 U	1 U	10.2	2 U	1 U	20 U	**179**	4.73	7.99	1.72	5.18	--	1 U	1.77	1 U
	01/09/2018	1 U	11.8	1 U	1 U	15.8	2.12	1 U	50 U	121	7	12.6	2.03	8.08	--	1 U	3.2	1 U
	01/16/2020	1 U	14.8	1 U	1 U	16.7	2 U	1 U	50 U	**414**	5.97	9.62	2.46	7.53	--	1 U	2.84	1 U
	08/11/2021	1 U	14.8	1 U	1 U	17.6	2.55	1 U	50 U	39	68.1	14.2	2.15	8.46	--	1 U	2.98	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-55D	09/07/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.98**
	08/08/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**7.2**
	01/12/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**14.7**
	08/13/2013	1 U	1 U	--	1 U	1.21	2 U	--	20 U	1.59	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**7.2**
	01/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**3.34**
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	2.3	1 U	1 U	1 U	1 U	--	1 U	1 U	**4.22**
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	26	1 U	1 U	1 U	1 U	--	1 U	1 U	**4.23**
	01/09/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.98	1 U	1 U	1 U	1 U	--	1 U	1 U	**5.43**
	01/16/2020	1 U	1 U	1 U	1 U	1.66	2 U	1 U	50 U	14.7	1 U	1 U	1.6	1 U	--	1 U	1 U	**1.83**
	08/11/2021	1 U	1 U	1 U	1 U	1.23	2 U	1 U	50 U	4.42	1 U	1 U	1 U	1 U	--	1 U	1 U	**2.83**
MW-57S	08/15/2008	1 U	222	--	1 U	32	223	--	20 U	**17700**	7.83	33	153	9.75	1 U	1 U	2.44	1 U
	10/06/2008	1 U	284	--	1 U	26	275	--	20 U	**27200**	7.6	34.7	156	8.4	1 U	1 U	1.73	1 U
	01/27/2009	1 U	250	--	1 U	26.6	218	--	20 U	**17000**	6.11	28.6	145	7.31	1 U	1 U	1.8	1 U
	04/07/2009	1 U	171	--	1 U	32.4	279	--	20 U	**11100**	5.33	30	69.4	6.71	1 U	1 U	1.63	1 U
	08/06/2009	1 U	238	--	1 U	23.8	163	--	20 U	**13100**	7.03	27.5	115	8.87	1 U	1 U	4.59	1 U
	01/13/2010	1 U	135	--	1 U	24.2	147	--	1 U	**16300**	6.32	30.8	119	7.12	--	1 U	1.25	1 U
	08/12/2010	1 U	228	--	1 U	31.1	202	--	1 U	**16600**	1 U	32.9	144	8.63	1 U	1 U	1 U	1 U
	01/14/2011	1 U	340	--	1 U	35	241	--	20 U	**22800**	1 U	37.4	161	8.1	1 U	1 U	2.46	1 U
	08/25/2011	1 U	164	--	1 U	30.2	190	--	20 U	**18700**	1 U	35	136	8.46	1 U	1 U	2.74	1 U
	01/11/2012	1 U	203	--	1 U	31	191	--	20 U	**19200**	1 U	32.7	143	7.92	1 U	1 U	2.74	1 U
	08/13/2013	1 U	85	--	1 U	17.4	43.3	--	20 U	**1640**	27.7	23.8	64.1	9.73	1 U	1 U	1.37	1 U
	01/22/2014	1 U	132	1 U	1 U	25.4	143	1 U	20 U	**20800**	6.6	24.4	110	7.26	--	1 U	1.52	1 U
	07/23/2014	1 U	166	1 U	1 U	26	155	1 U	20 U	**11800**	6.17	24.6	116	7.14	--	1 U	1.64	1 U
	01/14/2015	1 U	176	1 U	1 U	18.4	122	1 U	20 U	**19900**	5.51	31.2	82.5	6.37	--	1 U	2	1 U
	08/12/2016	1 U	101	1 U	1 U	13.4	88	1 U	20 U	**13800**	3.34	14.8	67.4	4.62	--	1 U	1	1 U
	01/09/2018	1 U	178	1 U	1 U	26.7	143	1 U	50 U	**23300**	10.9	33.6	98.3	9.64	--	1 U	2.81	1 U
	01/15/2020	1 U	188	1 U	1 U	25.2	150	1 U	50 U	**19600**	8.29	26.6	113	7.36	--	1 U	1.77	1 U
	08/10/2021	1 U	117	1 U	1 U	26.2	120	1 U	50 U	**18,000**	89.3	31.3	91.6	7.89	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-57D	08/14/2008	1 U	1 U	--	1 U	7.33	2 U	--	20 U	141 B	1 U	1 U	12.5	9.25	1 U	1 U	1.21	**102**
	10/06/2008	1 U	1 U	--	1 U	3.93	2 U	--	20 U	77.3	1 U	1 U	9.48	5.8	1 U	1 U	1 U	**117 B**
	10/06/2008	1 U	1 U	--	1 U	4	2 U	--	20 U	118	1 U	1 U	10.7	4.79	1 U	1 U	1 U	**104 B**
	01/27/2009	1 U	1 U	--	1 U	3.54	2 U	--	20 U	98.8	1 U	1 U	10.7	4.94	1 U	1 U	1 U	**76.9**
	01/27/2009	1 U	1 U	--	1 U	3.85	2 U	--	20 U	104	1 U	1 U	11.6	5.15	1 U	1 U	1 U	**75.2**
	04/07/2009	1 U	1 U	--	1 U	3.52	2 U	--	20 U	51.6	1 U	1 U	9.04	3.85	1 U	1 U	1 U	**76.6**
	04/07/2009	1 U	1 U	--	1 U	4.04	2 U	--	20 U	66.3	1 U	1 U	12.7	4.66	1 U	1 U	1 U	**77.4**
	08/06/2009	1 U	1.02	--	1 U	4.94	2 U	--	20 U	94.1	2.36	1.99	9.32	5.75	1 U	1 U	3.21	**82.0**
	01/13/2010	1 U	1 U	--	1 U	3.98	2 U	--	1 U	96.4	1 U	1 U	13.2	6.6	--	1 U	1 U	**97.6**
	01/13/2010	1 U	1 U	--	1 U	3.75	2 U	--	1 U	131	1 U	1 U	12.7	6.17	--	1 U	1 U	**91.1**
	08/12/2010	1 U	1 U	--	1 U	6.09	2 U	--	1 U	134	1 U	1 U	16.4	7.78	1 U	1 U	1.05	**98.3**
	08/12/2010	1 U	1 U	--	1 U	4.43	2 U	--	1 U	107	1 U	1 U	12.5	5.74	1 U	1 U	1 U	**71.0**
	01/14/2011	1 U	1 U	--	1 U	4.95	2 U	--	20 U	**161**	1 U	1 U	18.9	6.76	1 U	1 U	1.05	**103**
	01/14/2011	1 U	1 U	--	1 U	4.75	2 U	--	20 U	**177**	1 U	1 U	15.5	7.18	1 U	1 U	1.08	**113**
	08/25/2011	1 U	1 U	--	1 U	5.05	2 U	--	20 U	128	1 U	1 U	14	7.61	1 U	1 U	1.05	**87.4**
	08/25/2011	1 U	1 U	--	1 U	5.53	2 U	--	20 U	132	1 U	1 U	14.6	8.31	1 U	1 U	1.14	**93.5**
	01/11/2012	1 U	1 U	--	1 U	4.77	2 U	--	20 U	125	1 U	1 U	15.1	8.08	1 U	1 U	1 U	**97.0**
	01/11/2012	1 U	1 U	--	1 U	4.58	2 U	--	20 U	133	1 U	1 U	14.9	7.27	1 U	1 U	1 U	**90.7**
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.91	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	7.22	2 U	1 U	20 U	**302**	1 U	1 U	27.2	2.67	--	1 U	1 U	**42**
	01/22/2014	1 U	1 U	1 U	1 U	8.07	2 U	1 U	20 U	**288**	1 U	1 U	29	3.01	--	1 U	1 U	**44.8**
	07/23/2014	1 U	1 U	1 U	1 U	4.19	2 U	1 U	20 U	143	1 U	1 U	13.4	5.08	--	1 U	1 U	**65.6**
	07/23/2014	1 U	1 U	1 U	1 U	4.09	2 U	1 U	20 U	145	1 U	1 U	13.7	4.86	--	1 U	1 U	**66**
	01/14/2015	1 U	1 U	1 U	1 U	3.8	2 U	1 U	20 U	**175**	1 U	1 U	12	4.23	--	1 U	1 U	**53.3**
	01/14/2015	1 U	1 U	1 U	1 U	4.21	2 U	1 U	20 U	**177**	1 U	1 U	12.6	4.65	--	1 U	1 U	**55**
	08/12/2016	1 U	1 U	1 U	1 U	2.56	2 U	1 U	20 U	**203**	1 U	1 U	7.9	2.56	--	1 U	1 U	**31.6**
	08/12/2016	1 U	1 U	1 U	1 U	2.61	2 U	1 U	20 U	**194**	1 U	1 U	8.01	2.76	--	1 U	1 U	**31.1**
	01/09/2018	1 U	1 U	1 U	1 U	5.64	2 U	1 U	50 U	**213**	1 U	1.01	13.3	5.35	--	1 U	1 U	**29.2**
	01/09/2018	1 U	1 U	1 U	1 U	5.17	2 U	1 U	50 U	**240**	1 U	1.12	12.8	5.11	--	1 U	1 U	**26.8**
	01/15/2020	1 U	1 U	1 U	1 U	7.04	2 U	1 U	50 U	**254**	1 U	1.03	17.5	3.79	--	1 U	1 U	**50.8**
	01/15/2020	1 U	1 U	1 U	1 U	7.21	2 U	1 U	50 U	**225**	1 U	1.13	18	3.92	--	1 U	1 U	**51.7**
	08/10/2021	1 U	1 U	1 U	1 U	6.87	2 U	1 U	50 U	**141**	1 U	1.33	15.5	4.75	--	1 U	1 U	**37**
	08/10/2021	1 U	1 U	1 U	1 U	7.28	2 U	1 U	50 U	**156**	1 U	1.39	16.6	4.98	--	1 U	1 U	**38.7**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-58D	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1.02	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1.02	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.11	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
EPA-5S	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.51
	01/23/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.60
	01/23/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.48
	04/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.57
	01/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1.72
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.33
EPA-6S	08/18/2008	1 U	1 U	--	1 U	2.97	2 U	--	20 U	2.56	1.48	2.15	1 U	1.27	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	--	1 U	2.63	2 U	--	20 U	4.23	1.73	2.57	1 U	1.39	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	2.55	2 U	--	20 U	1.05	1.26	1.94	1 U	1.16	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	--	1 U	4.12	2 U	--	20 U	1.12	1.44	2.53	1 U	1.80	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1.20	--	1 U	4.28	2 U	--	20 U	1 U	2.95	3.18	3.07	2.95	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	--	1 U	4.70	2 U	--	1 U	1.63	1 U	3.36	1 U	1.81	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	7.37	2 U	--	20 U	10.1	1 U	3.69	1.53	2.9	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	5.42	2 U	--	20 U	1.72	2.25	2.49	1.12	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	5.3	2 U	--	20 U	1.74	2.22	2.36	1.13	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	--	1 U	1.82	2 U	--	20 U	1.51	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	--	1 U	2.49	2 U	--	20 U	2.11 J	1 U	1 U	1 U	1.26	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
EPA-6D	08/18/2008	1 U	11.9	--	1 U	16.6	2.15	--	20 U	121	1 U	3.78	3.60	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	3.68	--	1 U	15.7	2 U	--	20 U	**168**	1 U	4.43	1.58	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	4.62	--	1 U	19.6	2 U	--	20 U	114	1 U	4.57	1.62	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	4.04	--	1 U	15.0	2 U	--	20 U	123	1 U	4.25	1.27	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	2.35	--	1 U	9.56	2 U	--	20 U	42.9	1 U	3.64	3.22	2.36	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	2.89	--	1 U	21	2.12	--	20 U	**196**	1 U	8.15	3.62	1.89	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1.7	--	1 U	21.9	2 U	--	20 U	69.4	1 U	7.38	2.76	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1.4	--	1 U	16.8	2 U	--	20 U	53.2	1 U	6.51	1.16	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1.27	--	1 U	14.6	2 U	--	20 U	122	1 U	5.27	1.75	1.14	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (UWBZ)																		
MW-30	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	10/24/2003	0.50 U	8.5	--	2.0 U	15	2.4	--	2.0 U	**170**	2.0 U	2.0 U	15	4.8	--	0.50 U	2.0 U	**1.1**
	05/04/2004	0.50 U	5.2	--	2.0 U	12	1	--	2.0 U	95	2.0 U	2.0 U	9.3	4.7	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	3.1	--	2.0 U	5.8	0.50 U	--	2.0 U	37	2.0 U	2.0 U	2.9	4.1	0.50 U	0.50 U	2.0 U	**1.1**
	10/25/2004	0.50 U	3.4	--	2.0 U	6.6	0.62	--	2.0 U	50	2.0 U	2.0 U	4.2	2.8	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	3.02	--	1 U	4.51	2 U	--	1 U	31.8	1 U	1 U	3.03	1.93	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1.01	--	1 U	1.2	2 U	--	1 U	4.68	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
USDFW-1	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	8.74	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
USDFW-3	10/24/2003	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
Cell 1 (LWBZ)																		
MW-40	08/08/2002	1.3 U	7.8	--	5 U	5 U	15	--	5 U	**690**	5 U	5 U	8.5	5 U	--	**2.6**	5 U	2.5
	01/23/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.77	--	2.0 U	91	2.0 U	2.0 U	2	2.1	--	0.50 U	2.0 U	1.6
	04/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	24	2.0 U	2.0 U	0.96	2.0 U	0.50 U	0.50 U	2.0 U	1.1
	08/11/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	31	2.0 U	2.0 U	0.85	2.0 U	0.50 U	0.50 U	2.0 U	0.91
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	18	2.0 U	2.0 U	0.76	2.0 U	0.50 U	0.50 U	2.0 U	1.0
	01/27/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	15	1 U	1 U	1.63	1.01	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	3.09	1 U	1 U	1 U	1.06	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	**1.2**
	01/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	**1.8**
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**1.4**
	08/12/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**1.4**
	11/08/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**2.5**
	01/27/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.18**
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.35	1 U	1 U	1 U	**5.56**
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
Cell 2 Monitoring Wells (LWBZ)																		
MW-22	08/08/2002	0.5 U	0.5 U	--	2 U	2.7	1.2	--	2 U	**310**	2 U	2 U	20	3.4	--	0.72	2 U	**12**
	01/23/2004	0.50 U	0.50 U	--	2.0 U	16	0.50 U	--	2.0 U	4.3	2.0 U	2.0 U	2.8	6.1	--	0.50 U	2.0 U	**11**
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.6	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	6.4	6.9	0.50 U	0.50 U	2.0 U	**11**
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	5.8	0.50 U	0.50 U	2.0 U	**9.6**
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	4.4	0.50 U	0.50 U	2.0 U	**8.4**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	5.05	1 U	1 U	1.05	**6.89**
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.2	1 UJ	1 UJ	1 UJ	**3.46**
	01/25/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.15	1 U	1 U	1 U	**3.42**
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	**1.83**
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	3.12	1 U	1 U	1 U	**1.54**
	01/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.13	1 U	1 U	1 U	**1.97**
MW-33	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	**4.5**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.9	--	0.50 U	2.0 U	**4.8**
	04/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.9	0.50 U	0.50 U	2.0 U	**3.9**
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**3.9**
	10/19/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.2	0.50 U	0.50 U	2.0 U	**4.6**
	01/20/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.19	1 U	1 U	1 U	**3.48**
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.45	1 UJ	1 UJ	1 UJ	**3.08**
	01/20/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.99**
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.83**
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.81**
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.83**
	08/09/2011	1 U	**1 U**	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.03**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-34	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	**12**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	**16**
	04/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**12**
	07/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**15**
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**16**
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**15.3**
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	**12.7**
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**12.2**
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**8.72**
	01/18/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	7.88	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**9.47**
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**10.5**
MW-35	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	3.3	--	0.5 U	2 U	**32**
	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	3.1	--	0.5 U	2 U	**31**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	3.1	--	0.50 U	2.0 U	**42**
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.8	0.50 U	0.50 U	2.0 U	**33**
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	3.1	0.50 U	0.50 U	2.0 U	**39**
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.9	2.0 U	2.0 U	0.50 U	3.0	0.50 U	0.50 U	2.0 U	**43**
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.52	1 U	1 U	1 U	3.88	1 U	1 U	1 U	**44.3**
	07/20/2005	5 UJ	5 UJ	--	5 UJ	5 UJ	10 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**33.2**
	01/24/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.12	1 U	1 U	1 U	2.08	1 U	1 U	1 U	**32.1**
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	3.42	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**31.6**
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.47	1 U	1 U	1 U	**19.3**
	08/14/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**9.68**
	01/18/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.86	1 U	1 U	1.01	2.98	1 U	1 U	1 U	**29.8**
	08/14/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	11.3	1 U	1 U	1.13	2.94	1 U	1 U	1 U	**32.9**
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.49	1 U	1 U	1 U	1.44	1 U	1 U	1 U	**16.4**
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.6	1 U	1 U	1 U	2.42	1 U	1 U	1 U	**24.4**
	01/22/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.49	1 U	1 U	1 U	1.91	--	1 U	1 U	**23.9**
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	9.76	1 U	1 U	1.23	2.76	1 U	1 U	1 U	**19.4**
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.38	1.16	1 U	1 U	1 U	1 U	1 U	1 U	**20**
	08/29/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	12.3	1 U	1 U	1 U	1.89	1 U	1 U	1 U	**16.1**
	01/18/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**13.7**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-36	08/07/2002	0.5 U	0.5 U	--	2 U	2.9	0.5 U	--	2 U	110	2 U	2 U	5.5	2 U	--	0.5 U	2 U	**3.8**
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	7.9	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.93
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.6	0.50 U	--	2.0 U	4	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**4.5**
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**4.9**
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.3	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**5.5**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.47	1 U	1 U	1 U	1.41	1 U	1 U	1 U	**3.97**
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.09	1 UJ	1 UJ	1 UJ	**3.13**
	01/25/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.01**
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.83**
	08/15/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.01**
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-37	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.51
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/26/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.90	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-54	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-55	08/14/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.91**
	10/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**6.04**
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.81**
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.55**
	08/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.4**
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**3.75**
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.16**
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.79**
	08/08/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.91**
	01/12/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.94**
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.2**
	01/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**2.26**
	07/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.94**
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.8**
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	14.1	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	5.9	1.13	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
	MTCA Method B Groundwater VI Level	9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MW-56	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.56	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.91	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
MW59	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.53	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
RNWR Monitoring Wells (LWBZ)																		
MW-60	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-61	09/03/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	3.45	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	--	1 U	0.3 U	1 U	--	20 U	1 U	0.5 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1.67	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	2.5	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**5.26**
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
VOCs (ug/L)							
Cell 2 Monitoring Wells (UWBZ)							
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.64	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/09/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	4.48	1 U	1 U	1 U	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-42	08/12/2002	260	50 U	50 U	50 U	50 U	50 U
	01/23/2004	43	13 U	13 U	13 U	13 U	13 U
	04/30/2004	96	25 U	25 U	25 U	25 U	25 U
	08/10/2004	150	25 U	25 U	25 U	25 U	25 U
	10/27/2004	130	25 U	25 U	25 U	25 U	25 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	1.58	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-43	08/12/2002	140	50 U	50 U	50 U	50 U	50 U
	01/23/2004	26	13 U	13 U	13 U	13 U	13 U
	08/11/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	10/27/2004	9.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	2.34	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	82	25 U	25 U	25 U	25 U	25 U
	01/23/2004	130	13 U	13 U	13 U	13 U	13 U
	04/29/2004	73	25 U	25 U	25 U	25 U	25 U
	08/11/2004	87	25 U	25 U	25 U	25 U	25 U
	10/29/2004	50 U	50 U	50 U	50 U	50 U	50 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	7.55	1 U	1 U	**7.6**	1 U	**3.26**
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1.81	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U
	09/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)							
MW-4	05/07/2004	0.9	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/07/2004	0.93	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1.32	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	4.19	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1.37	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-15	08/08/2002	0.68	2.1	0.5 U	**35**	0.5 U	**9.6**
	01/21/2004	1.3	2.1	0.50 U	**37**	0.50 U	**9.7**
	05/05/2004	0.86	2.1	0.50 U	**35**	0.50 U	**9.7**
	07/28/2004	0.50 U	1.5	0.50 U	**24**	0.50 U	**5.7**
	10/20/2004	0.50 U	1.6	0.50 U	**27**	0.50 U	**7.9**
	01/21/2005	1 U	1 U	1 U	**4.64**	1 U	**1.46**
	07/20/2005	5 UJ	5 UJ	5 UJ	**19.6**	5 UJ	**8.47**
	01/23/2006	1 U	1 U	1 U	**16.0**	1 U	**5.19**
	08/07/2006	1 U	1 U	1 U	**16.4**	1 U	**4.48**
	01/18/2007	1 U	1 U	1 U	**10.3**	1 U	**5.38**
	08/10/2007	1 U	1 U	1 U	**11.3**	1 U	**3.53**
	01/16/2008	1 U	1 U	1 U	**6.53**	1 U	**2.04**
	08/13/2008	1 U	1 U	1 U	**6.87**	1 U	**3.87**
	09/03/2008	1 U	1 U	1 U	**6.71**	1 U	**2.43**
	01/26/2009	1 U	1 U	1 U	**11.5**	1 U	**4.53**
	08/17/2009	1 U	1 U	1 U	**5.83**	1 U	**2.17**
	01/12/2010	1 U	1 U	1 U	**5.09**	1 U	**1.10**
	08/11/2010	1 U	1 U	1 U	**1.31**	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	**1.58**
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2004	0.89	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/30/2004	0.7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1.36	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	**990**	50 U	50 U	50 U	50 U	50 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	**676**	1 U	1 U	**2.85**	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/24/2007	543	1 U	1 U	1 U	1 U	1 U
	08/15/2007	623	1 U	1 U	**2.90**	1 U	1 U
	01/18/2008	624	1 U	1 U	**2.77**	1 U	1 U
MW-21	08/08/2002	25 U	25 U	25 U	25 U	25 U	25 U
	05/06/2004	10 U	10 U	10 U	10 U	10 U	10 U
	07/30/2004	1.4	0.82	0.50 U	**3.2**	0.50 U	**1**
	10/26/2004	3.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	**1.34**	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	10.8	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/03/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.74	0.5 U	**1.1**	0.5 U	**1.2**
	01/27/2004	0.50 U	0.58	0.50 U	**1.3**	0.50 U	**1.4**
	04/29/2004	0.50 U	0.50 U	0.50 U	**0.74**	0.50 U	**0.56**
	08/06/2004	0.50 U	0.50 U	0.50 U	**0.78**	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	**0.79**	0.50 U	**0.51**
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-26	01/26/2004	190	50 U	50 U	50 U	50 U	50 U
	05/05/2004	250	25 U	25 U	25 U	25 U	25 U
	07/29/2004	320	25 U	25 U	25 U	25 U	25 U
	10/25/2004	290	25 U	25 U	25 U	25 U	25 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	125	1 U	1 U	**1.62**	1 U	**1.20**
	08/08/2006	178	1 U	1 U	1 U	1 U	**1.76**
	01/24/2007	151	1 U	1 U	**1.90**	1 U	**2.05**
	08/15/2007	358	1 U	1 U	**3.85**	1 U	**1.00**
	01/18/2008	226	1 U	1 U	**2.60**	1 U	**1.92**
	08/15/2008	412	1 U	1 U	**4.19**	1 U	1 U
	01/28/2009	352	1 U	1 U	**2.32**	1 U	**1.00**
	08/18/2009	285	1 U	1 U	**2.35**	1 U	**1.36**
	01/25/2010	334	1 U	1 U	**1.76**	1 U	**1.31**
	08/16/2010	291	1 U	1 U	**2.34**	1 U	**1.55**
	01/20/2011	420	1 U	1 U	**3.51**	1 U	1 U
	08/30/2011	487	1 U	1 U	**3.48**	1 U	**1.24**
	01/23/2012	283	1 U	1 U	**2.89**	1 U	1 U
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	05/07/2004	2.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	07/29/2004	3.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	10/20/2004	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	2.01	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	2.73	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1.66	1 U	1 U	1 U	1 U	1 U
	01/17/2008	2.04	1 U	1 U	1 U	1 U	1 U
	08/15/2008	1.81	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1.68	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1.39	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-38	08/07/2002	0.5 U	0.81	0.5 U	**4.4**	0.5 U	**2.5**
	08/07/2002	0.5 U	0.69	0.5 U	**3.9**	0.5 U	**2.2**
	01/27/2004	0.50 U	1	0.50 U	**6.5**	0.50 U	**2.9**
	01/27/2004	0.50 U	0.98	0.50 U	**6.6**	0.50 U	**2.9**
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/29/2004	0.50 U	0.52	0.50 U	**1.3**	0.50 U	**1.4**
	10/29/2004	0.50 U	0.50 U	0.50 U	**1.1**	0.50 U	**1.2**
	01/25/2005	1 U	1 U	1 U	**1.65**	1 U	1 U
	01/25/2005	1 U	1 U	1 U	**1.67**	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	1 U	**1.64**	1 U	**1.79**
	01/26/2006	1 U	1 U	1 U	**1.64**	1 U	**1.70**
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	**1.14**	1 U	1 U
	01/23/2008	1 U	1 U	1 U	**1.23**	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	**1.85**	1 U	1 U
	01/19/2012	1 U	1 U	1 U	**1.71**	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	1 U	**4.60**	1 U	**1.35**
	10/03/2008	1 U	1 U	1 U	**3.86**	1 U	**1.00**
	01/26/2009	1 U	1 U	1 U	**2.10**	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	**1.57**	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	**1.43**
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	**2.34**
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-52D	08/14/2008	7.04	1 U	1 U	**2.43**	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	**1.54**	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	**1.90**	1 U	1 U
	01/25/2010	1 U	1 U	1 U	**1.27**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-53S	08/14/2008	1.34	1 U	1 U	1 U	1 U	1 U
	10/07/2008	8.50	1 U	1 U	1 U	1 U	1 U
	01/28/2009	6.95	1 U	1 U	1 U	1 U	1 U
	04/10/2009	4.99	1 U	1 U	1 U	1 U	1 U
	08/18/2009	5.35	1 U	1 U	1 U	1 U	1 U
	01/20/2010	9.06	1 U	1 U	1 U	1 U	1 U
	08/16/2010	8.90	1 U	1 U	1 U	1 U	1 U
	01/18/2011	8.71	1 U	1 U	1 U	1 U	1 U
	08/11/2011	4.09	1 U	1 U	1 U	1 U	1 U
	01/17/2012	3.01	1 U	1 U	1 U	1 U	1 U
MW-53D	08/14/2008	1 U	1 U	1 U	**7.38**	1 U	**2.68**
	10/07/2008	1 U	1 U	1 U	**2.50**	1 U	1 U
	01/28/2009	1 U	1 U	1 U	**4.10**	1 U	**1.08**
	04/10/2009	1 U	1.65	1 U	**1.83**	1 U	1 U
	08/17/2009	1 U	1 U	1 U	**2.67**	1 U	**1.04**
	01/20/2010	1 U	1 U	1 U	**2.89**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	**1.94**	1 U	1 U
	01/18/2011	1 U	1 U	1 U	**1.25**	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-55S	08/20/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1.09	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	**3.06**	1 U	1 U
	08/08/2011	1 U	1 U	1 U	**3.52**	1 U	1 U
	01/12/2012	1 U	1 U	1 U	**4.07**	1 U	1 U
	08/13/2013	1 U	1.36	1 U	**7.72**	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	**1.54**	1 U	1 U
	01/15/2015	1 U	1 U	1 U	**2.28**	1 U	1 U
	08/11/2016	1 U	1 U	1 U	**2.81**	1 U	1 U
	01/09/2018	1 U	1.04	1 U	**4.48**	1 U	**2.23**
	01/16/2020	1 U	1 U	1 U	**1.17**	1 U	**5.59**
	08/11/2021	1 U	1 U	1 U	**2.39**	1 U	**1.64**
MW-57S	08/15/2008	16.1	1 U	1 U	1 U	1 U	1 U
	10/06/2008	17.6	1 U	1 U	1 U	1 U	1 U
	01/27/2009	13.9	1 U	1 U	1 U	1 U	1 U
	04/07/2009	15.2	1 U	1 U	1 U	1 U	1 U
	08/06/2009	13.3	1 U	1 U	1 U	1 U	1 U
	01/13/2010	13.3	1 U	1 U	1 U	1 U	1 U
	08/12/2010	15	1 U	1 U	1 U	1 U	1 U
	01/14/2011	15.1	1 U	1 U	1 U	1 U	1 U
	08/25/2011	13.4	1 U	1 U	1 U	1 U	1 U
	01/11/2012	12.7	1 U	1 U	1 U	1 U	1 U
	08/13/2013	6.69	1 U	1 U	1 U	1 U	1 U
	01/22/2014	9.79	1 U	1 U	1 U	1 U	1 U
	07/23/2014	10.5	1 U	1 U	1 U	1 U	1 U
	01/14/2015	9.19	1 U	1 U	1 U	1 U	1 U
	08/12/2016	5.38	1 U	1 U	1 U	1 U	1 U
	01/09/2018	8.1	1 U	1 U	1 U	1 U	1 U
	01/15/2020	6.82	2.24	1 U	1 U	1 U	1 U
	08/10/2021	7.47	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-57D	08/14/2008	1 U	1.15	1 U	**13.5**	1 U	**3.89**
	10/06/2008	1 U	1 U	1 U	**13.6**	1 U	**3.41**
	10/06/2008	1 U	1 U	1 U	**12.4**	1 U	**5.07**
	01/27/2009	1 U	1 U	1 U	**11.4**	1 U	**4.42**
	01/27/2009	1 U	1 U	1 U	**11.7**	1 U	**4.29**
	04/07/2009	1 U	1 U	1 U	**13.5**	1 U	**4.38**
	04/07/2009	1 U	1 U	1 U	**14.1**	1 U	**4.65**
	08/06/2009	1 U	2.31	1 U	**11.7**	1 U	**1.52**
	01/13/2010	1 U	1 U	1 U	**14.4**	1 U	**5.6**
	01/13/2010	1 U	1 U	1 U	**13.3**	1 U	**6**
	08/12/2010	1 U	1.44	1 U	**16.6**	1 U	**4.2**
	08/12/2010	1 U	1.09	1 U	**12.8**	1 U	**3.26**
	01/14/2011	1 U	1.53	1 U	**14.2**	1 U	**3.52**
	01/14/2011	1 U	1.67	1 U	**14.5**	1 U	**3.73**
	08/25/2011	1 U	1.43	1 U	**14.2**	1 U	**4.55**
	08/25/2011	1 U	1.52	1 U	**14.5**	1 U	**5.03**
	01/11/2012	1 U	1.25	1 U	**12.6**	1 U	**7.61**
	01/11/2012	1 U	1.23	1 U	**11.8**	1 U	**3.53**
	08/13/2013	1 U	5.05	1 U	**2.33**	1 U	1 U
	08/13/2013	1 U	4.75	1 U	**2.09**	1 U	1 U
	01/22/2014	1 U	1 U	1 U	**7.13**	1 U	**1.55**
	01/22/2014	1 U	1.12	1 U	**7.64**	1 U	**2.04**
	07/23/2014	1 U	1 U	1 U	**11.8**	1 U	1 U
	07/23/2014	1 U	1	1 U	**12.1**	1 U	1 U
	01/14/2015	1 U	1.07	1 U	**9.31**	1 U	**1.78**
	01/14/2015	1 U	1.19	1 U	**10**	1 U	**2.17**
	08/12/2016	1 U	1 U	1 U	**6.85**	1 U	**1.78**
	08/12/2016	1 U	1 U	1 U	**7**	1 U	**1.98**
	01/09/2018	1 U	1.28	1 U	**7.36**	1 U	**1.94**
	01/09/2018	1 U	1.18	1 U	**6.87**	1 U	**1.78**
	01/15/2020	1 U	1.29	1 U	**8.54**	1 U	**1.96**
	01/15/2020	1 U	1.36	1 U	**8.64**	1 U	**2.44**
	08/10/2021	1 U	1.25	1 U	**8.18**	1 U	1 U
	08/10/2021	1 U	1.28	1 U	**8.6**	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
EPA-6D	08/18/2008	1.03	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1.17	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1.20	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1.1	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1.41	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1.29	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1.13	1 U	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (UWBZ)							
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	10/24/2003	0.93	0.63	0.50 U	**7.5**	0.50 U	**1.5**
	05/04/2004	0.53	0.52	0.50 U	**3.9**	0.50 U	**1.4**
	08/13/2004	0.50 U	0.50 U	0.50 U	**1.8**	0.50 U	**1**
	10/25/2004	0.50 U	0.50 U	0.50 U	**2.5**	0.50 U	**1.2**
	01/28/2005	1 U	1 U	1 U	**1.42**	1 U	**1.15**
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	**1.41**
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	**1.15**
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
USDFW-1	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	**2.07**	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.74	0.50 U	0.50 U	0.50 U	**0.83**
	05/04/2004	0.50 U	0.61	0.50 U	0.50 U	0.50 U	**0.62**
	08/13/2004	0.50 U	0.64	0.50 U	0.50 U	0.50 U	**0.58**
	10/25/2004	0.50 U	0.52	0.50 U	0.50 U	0.50 U	**0.64**
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	**4.25**
	08/11/2006	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	**1.12**	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
Cell 1 (LWBZ)							
MW-40	08/08/2002	5.1	1.3 U	1.3 U	1.3	1.3 U	1.3 U
	01/23/2004	0.76	0.79	0.50 U	1.4	0.50 U	**1.5**
	04/30/2004	0.50 U	0.75	0.50 U	1.2	0.50 U	**1.6**
	08/11/2004	0.50 U	0.6	0.50 U	0.94	0.50 U	**1.4**
	10/29/2004	0.50 U	0.62	0.50 U	1.2	0.50 U	**1.5**
	01/27/2005	1 U	1 U	1 U	1 U	1 U	**1.75**
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	**1.7**	0.5 U	**0.83**
	01/29/2004	0.50 U	0.50 U	0.50 U	**2.1**	0.50 U	**0.64**
	04/29/2004	0.50 U	0.50 U	0.50 U	**1.6**	0.50 U	**0.69**
	08/12/2004	0.50 U	0.50 U	0.50 U	**1.3**	0.50 U	**0.51**
	11/08/2004	0.50 U	0.50 U	0.50 U	**1.9**	0.50 U	**0.81**
	01/27/2005	1 U	1 U	1 U	**1.7**	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	1 U	**4.37**	1 U	**1.22**
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
Cell 2 Monitoring Wells (LWBZ)							
MW-22	08/08/2002	0.57	0.5 U	0.5 U	**3.7**	0.5 U	**0.95**
	01/23/2004	0.53	0.52	0.50 U	**7.7**	0.50 U	**1.3**
	04/28/2004	0.50 U	0.54	0.50 U	**6.2**	0.50 U	**1.5**
	08/06/2004	0.50 U	0.52	0.50 U	**4.9**	0.50 U	**1.2**
	10/26/2004	0.50 U	0.50 U	0.50 U	**4.2**	0.50 U	**1.1**
	01/25/2005	1 U	1 U	1 U	**3.52**	1 U	**1.05**
	07/25/2005	1 UJ	1 UJ	1 UJ	**2.03**	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	**2.84**	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	**2.14**	1 U	1 U
	01/22/2008	1 U	1 U	1 U	**2.23**	1 U	1 U
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	**0.81**	0.5 U	0.5 U
	01/21/2004	0.50 U	0.50 U	0.50 U	**1.2**	0.50 U	0.50 U
	04/27/2004	0.50 U	0.50 U	0.50 U	**1.3**	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	**1.2**	0.50 U	0.50 U
	10/19/2004	0.50 U	0.50 U	0.50 U	**1.2**	0.50 U	0.50 U
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U
	01/21/2004	0.73	0.50 U	0.50 U	**1.5**	0.50 U	0.50 U
	04/27/2004	0.50 U	0.50 U	0.50 U	**1.6**	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	**1.6**	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	**1.8**	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	**1.33**	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	**1.39**	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	**1.40**	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	**1.51**	1 U	1 U
	01/16/2008	1 U	1 U	1 U	**1.42**	1 U	1 U
MW-35	08/13/2002	0.5 U	0.64	0.5 U	**6**	0.5 U	**0.95**
	08/13/2002	0.5 U	0.59	0.5 U	**5.8**	0.5 U	**0.9**
	01/21/2004	0.87	0.68	0.50 U	**7.3**	0.50 U	**1.3**
	04/28/2004	0.50 U	0.64	0.50 U	**6.2**	0.50 U	**1.2**
	07/30/2004	0.50 U	0.74	0.50 U	**7**	0.50 U	**1.3**
	10/25/2004	0.50 U	0.70	0.50 U	**6.6**	0.50 U	**1.4**
	01/24/2005	1 U	1 U	1 U	**6.55**	1 U	**1.54**
	07/20/2005	5 UJ	5 UJ	5 UJ	**5.73**	5 UJ	5 UJ
	01/24/2006	1 U	1 U	1 U	**6.14**	1 U	**1.47**
	08/08/2006	1 U	1 U	1 U	**4.7**	1 U	**2.14**
	01/24/2007	1 U	1 U	1 U	**4.46**	1 U	**1.14**
	08/14/2007	1 U	1 U	1 U	**2.47**	1 U	1 U
	01/18/2008	1 U	1 U	1 U	**6.64**	1 U	**2.35**
	08/14/2008	1 U	1 U	1 U	**6.02**	1 U	**2.17**
	01/30/2009	1 U	1 U	1 U	**3.57**	1 U	**2.33**
	08/18/2009	1 U	1 U	1 U	**5.51**	1 U	**1.99**
	01/22/2010	1 U	1 U	1 U	**4.5**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	**5.73**	1 U	**1.98**
	01/20/2011	1 U	1 U	1 U	**5.43**	1 U	**2.34**
	08/29/2011	1 U	1 U	1 U	**4.76**	1 U	**2.62**
	01/18/2012	1 U	1 U	1 U	**4.3**	1 U	**1.32**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	**2.3**	0.5 U	0.5 U
	01/26/2004	1	0.50 U	0.50 U	**1**	0.50 U	0.50 U
	04/28/2004	0.50 U	0.50 U	0.50 U	**2.6**	0.50 U	0.50 U
	07/30/2004	0.50 U	0.50 U	0.50 U	**2.7**	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	**2.6**	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	**2.14**	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	**1.9**	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	**1.57**	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	**1.22**	1 U	1 U
	08/19/2008	1 U	1 U	1 U	**1.30**	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	**1.07**	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	**1.26**	1 U	1 U
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	04/29/2004	0.50 U	0.50 U	0.50 U	**0.57**	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
	MTCA Method B Groundwater VI Level	15000	130	1.6	0.42	120	0.35
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	**1.46**	1 U	1 U
	01/26/2009	1 U	1 U	1 U	**1.18**	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	**1.05**	1 U	1 U
	01/13/2010	1 U	1 U	1 U	**1.21**	1 U	1 U
	08/12/2010	1 U	1 U	1 U	**1.60**	1 U	1 U
	01/13/2011	1 U	1 U	1 U	**1.59**	1 U	1 U
	08/24/2011	1 U	1 U	1 U	**1.55**	1 U	1 U
	01/10/2012	1 U	1 U	1 U	**1.3**	1 U	1 U
MW-55	08/14/2008	1 U	1 U	1 U	**4.66**	1 U	1 U
	10/03/2008	1 U	1 U	1 U	**5.19**	1 U	1 U
	01/27/2009	1 U	1 U	1 U	**3.96**	1 U	1 U
	04/07/2009	1 U	1 U	1 U	**4.12**	1 U	1 U
	08/06/2009	1 U	1.52	1 U	**3.68**	1 U	1 U
	01/14/2010	1 U	1 U	1 U	**4.05**	1 U	1 U
	08/12/2010	1 U	1 U	1 U	**5.03**	1 U	1 U
	01/14/2011	1 U	1 U	1 U	**3.77**	1 U	1 U
	08/08/2011	1 U	1 U	1 U	**3.12**	1 U	1 U
	01/12/2012	1 U	1 U	1 U	**3.02**	1 U	1 U
	08/13/2013	1 U	1 U	1 U	**2.21**	1 U	1 U
	01/24/2014	1 U	1 U	1 U	**1.75**	1 U	1 U
	07/23/2014	1 U	1 U	1 U	**2.03**	1 U	1 U
	01/15/2015	1 U	1 U	1 U	**1.68**	1 U	1 U
	08/11/2016	1 U	1 U	1 U	**1.06**	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MW-56	08/21/2008	1 U	1 U	1 U	**1.04**	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	**1.01**	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	**1.08**	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2021	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
RNWR Monitoring Wells (LWBZ)							
MW-60	09/03/2008	1 U	2.83	1 U	**11.3**	1 U	1 U
	10/09/2008	1 U	3.82	1 U	**11.6**	1 U	**1.26**
	02/03/2009	1 U	1.71	1 U	**6.89**	1 U	**1.12**
	04/08/2009	1 U	1.93	1 U	**10.6**	1 U	**2.17**
	08/07/2009	1 U	3.97	1 U	**7.72**	1 U	1 U
	01/28/2010	1 U	1.41	1 U	**7.17**	1 U	**2.19**
	08/25/2010	1 U	1.60	1 U	**6.87**	1 U	1 U
	01/24/2011	1 U	1.4	1 U	**8.19**	1 U	**2.96**
	09/06/2011	1 U	1.91	1 U	**6.47**	1 U	**4.92**
	01/25/2012	1 U	1.23	1 U	**5.5**	1 U	**1.95**
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	0.5 U	0.3 U	1 U	0.3 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold indicates detected concentration that exceeds MTCA Method B groundwater cleanup level.
-- = not analyzed.
B = blank exhibited positive result greater than reporting limit for this compound.
CUL = cleanup level.
J = result for analyte is estimated concentration.
LWBZ = lower water-bearing zone.
MTCA = Washington State Department of Ecology's Model Toxics Control Act.
NA = not applicable.
NS = not sampled.
NV = no value.
PRG = preliminary remediation goals.
RNWR = Ridgefield National Wildlife Refuge.
U = not detected at or above method reporting limit.
ug/L = micrograms per liter.
UJ = result is non-detect with an estimated reporting limit.
USEPA = U.S. Environmental Protection Agency.
UWBZ = upper water-bearing zone.
VOC = volatile organic compound.
[a]Cleanup levels were developed using the Method B cleanup level in use on July 1, 2013, during the publication of the remedial investigation and feasibility study.

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
SVOCs (ug/L)											
Cell 1 (UWBZ)											
MW-7	08/12/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	01/26/2004	0.50 U	--	0.50 U	0.58	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	**2.7**
	05/06/2004	3.5	--	0.48 U	1.1	0.48 U	0.48 U	0.48 U	0.69	0.48 U	**21**
	08/09/2004	0.5	--	0.48 U	0.55	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**4.8**
	10/27/2004	1	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**32**
	01/26/2005	--	2.98	1.9 U	5.02	1.9 U	1.9 U	1.9 U	1.9 U	23.3	**27.3**
	07/25/2005	--	3.33	1.24	13.6	0.19 U	0.19 U	0.19 U	1.31	7.61	**253**
	01/27/2006	--	111	13.9	131	0.948 U	7.15	16.5	**73.8**	20.1	**413**
	08/10/2006	--	11.3	33.9	158	0.958 U	0.958 U	11.7	0.958 U	243	**393**
	01/25/2007	--	6.42	14.1	89.8	0.967 U	0.967 U	2.54	0.967 U	56.7	**222**
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	--	18.3	18.2	21.0	0.954 U	0.954 U	10.3	0.954 U	55.3	**54.2**
	02/04/2009	--	0.952 U	9.82	9.10	0.952 U	0.952 U	3.49	0.952 U	26.3	**19.8**
	08/19/2009	--	0.953 U	0.953 U	1.26	0.953 U	0.953 U	0.953 U	0.953 U	8.2	**11.7**
	01/26/2010	--	3.93	5.94	1.47	0.951 U	0.951 U	3.17	0.951 U	49.3	**38.4**
	08/24/2010	--	0.951 U	0.951 U	3.48	0.951 U	0.951 U	0.951 U	0.951 U	5.07	**19.2**
	01/25/2011	--	0.958 U	1.18	2.68	0.958 U	0.958 U	1.44	0.958 U	13.3	**15.1**
	09/01/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**6.17**
	01/20/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.29	1.44 U
MW-8S	08/13/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**2.2**
MW-42	08/12/2002	500	--	4.9 U	140	11	4.9 U	36	4.9 U	44	**2100**
	01/23/2004	190	--	4.8 U	23	5.1	4.8 U	30	4.8 U	150	**740**
	04/30/2004	390	--	48 U	48 U	48 U	48 U	48 U	48 U	83	480 U
	08/10/2004	430	--	4.8 U	110	11	4.8 U	45	**11**	71	**3600**
	10/27/2004	250	--	2.4 U	63	10	2.4 U	16	**4.9**	34	**2200**
	01/26/2005	--	17	1.91 U	71	4.27	1.91 U	6.79	1.91 U	16.4	**694**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	2.57	0.953 U	5.75	0.953 U	0.953 U	0.953 U	0.953 U	1.82	**31.5**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-43	08/12/2002	900	--	4.8 U	83	26	4.8 U	89	**14**	110	**2400**
	01/23/2004	440	--	4.8 U	18	14	4.8 U	56	4.8 U	150	**760**
	04/30/2004	48 U	--	48 U	550	48 U	48 U	110	48 U	190	**110**
	08/11/2004	87	--	4.8 U	8.8	4.8 U	4.8 U	10	4.8 U	39	**360**
	10/27/2004	42	--	2.4 U	66	11	2.4 U	6.3	**6.6**	6.2	**170**
	01/27/2005	--	31.6	1.89 U	44.4	18.5	1.89 U	1.89 U	1.89 U	64.6	**111**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	4.45	4.30	20.9	0.955 U	1.53	1.96	2.45	0.955 U	**22.6**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	630	--	4.8 U	56	13	4.8 U	44	4.8 U	140	**1900**
	01/23/2004	490	--	240 U	240 U	240 U	240 U	240 U	240 U	240 U	**3100**
	04/29/2004	220	--	4.8 U	15	15	4.8 U	30	4.8 U	47	**1500**
	08/11/2004	340	--	48 U	110	50	48 U	77	48 U	77	**1600**
	10/29/2004	570	--	240 U	740	240 U	240 U	240 U	240 U	240 U	**4900**
	01/27/2005	--	61.3	19.2 U	222	34.3	19.2 U	22.9	19.2 U	152	**809**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	127	27.9	215	0.951 U	2.71	31.2	**12.5**	70.2	**1280**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	--	76.1	59.8	94.3	0.953 U	0.953 U	13.5	0.953 U	322	**170**
	08/19/2009	--	24.7	12.5	164	0.972 U	0.972 U	2.94	0.972 U	39	**418**
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	--	0.963 U	1.34	6.12	0.963 U	0.963 U	0.963 U	0.963 U	4.06	**9.04**
	01/24/2011	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1.25	0.961 U	1.1	1.44 U
	09/02/2011	--	0.961 U	5.51	0.961 U	0.961 U	0.961 U	9.5	0.961 U	147	**4.36**
	01/20/2012	--	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	1.44 U
Cell 2 Monitoring Wells (UWBZ)											
E-4	07/12/2007	--	8.41	14.4	9.73	2.88	0.968 U	0.968 U	0.968 U	74.2	**34.1**
	09/13/2007	--	41.3	9.23	41.9	0.976 U	0.976 U	2.82	0.976 U	64.4	**429**
	02/12/2008	--	6.16	6.62	0.963 U	0.963 U	0.963 U	2.02	0.963 U	21.3	**65.8**
	08/22/2008	--	1.78	3.12	1.28	0.961 U	0.961 U	5.05	0.961 U	74.5	**4.61**
	01/13/2009	--	1.80	1.71	4.22	0.947 U	0.947 U	0.947 U	0.947 U	10.9	**8.17**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
EPA-4S	09/03/2008	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	10/02/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	02/10/2009	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	04/16/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/29/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/24/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.967	1.42 U
	01/25/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	09/01/2011	--	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	1.33	**17**
	01/24/2012	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
EPA-4D	09/03/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	10/02/2008	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	02/10/2009	--	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	1.5 U
	04/16/2009	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/13/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/29/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/24/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/25/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	09/01/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/24/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
MW-4	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U
	07/20/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	01/23/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	01/24/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/14/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/17/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/13/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/29/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	08/18/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/19/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/13/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**3.68**
	01/20/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/26/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/13/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-5	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.95 U
	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/20/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U
	01/24/2006	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/14/2007	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/17/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/13/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/29/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/18/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/22/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/13/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/20/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/13/2012	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
PZ-06	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/16/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/12/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/26/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/05/2009	--	1.96	2.06	2.25	2.64	0.949 U	0.949 U	2.31	1.94	**3.55**
	01/13/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/24/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/10/2012	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
MW-10	08/06/2002	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/14/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/17/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-13	08/08/2002	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**0.53**
	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1**
	05/05/2004	0.50 U	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	**0.81**
	07/28/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**0.90 J**
	01/21/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	07/20/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U
	01/23/2006	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/23/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/09/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/15/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/11/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/23/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/14/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/11/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/11/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/12/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	08/23/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/09/2012	--	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	1.45 U
MW-14	08/08/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.8**
	01/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/28/2004	0.48 U	--	0.48 U	0.54	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
	01/21/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.312
	07/20/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.503
	01/23/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/16/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-15	08/08/2002	350	--	0.48 U	170	3.6	0.93	9	2	0.95	**2400**
	01/21/2004	270	--	0.48 U	110	3.2	0.62	7.5	1.3	0.7	**5600**
	05/05/2004	350	--	0.48 U	110	4.9	0.91	12	2	1.1	**870**
	07/28/2004	240	--	0.48 U	100	5.1	0.94	13	2.2	1.1	**5500**
	10/20/2004	330	--	0.49 U	130	5.1	0.98	13	2.2	1.1	**4000 J**
	01/21/2005	--	123 J	15.5 J	325 J	1.04 J	0.192 UJ	0.755 J	0.192 UJ	0.192 UJ	**2470 J**
	07/20/2005	--	164 J	1.92 UR	230 J	4.09 J	1.92 UR	16.4 J	2.59 J	1.92 UR	**4270 J**
	01/23/2006	--	272	2.41	132	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3590**
	08/07/2006	--	158	2.27	0.962 U	0.962 U	0.962 U	6.10	1.27	0.962 U	**1630**
	01/18/2007	--	198	2.33	108	0.955 U	0.955 U	4.94	2.31	1.34	**1600**
	08/10/2007	--	67.2	1.75	21.3	0.95 U	0.95 U	2.64	0.95 U	0.95 U	**537**
	01/16/2008	--	115	3.41	84.8	0.951 U	0.951 U	5.16	0.961	0.951 U	**1800**
	08/13/2008	--	155	3.89	118	0.957 U	0.957 U	5.39	0.957 U	0.957 U	**1380**
	09/03/2008	--	94.3	3.69	145	0.948 U	0.948 U	5.44	0.948 U	0.948 U	**700**
	01/26/2009	--	62.6	9.03	188	9.28	0.945 U	0.945 U	0.945 U	0.945 U	**843**
	08/17/2009	--	28.7	4.34	73.2	0.946 U	0.946 U	5.15	0.946 U	1.63	**57.1**
	01/12/2010	--	94.2	4.39	34.1	0.947 U	1.85	5.19	0.947 U	0.947 U	**464**
	08/11/2010	--	19.8	13.7	135	0.956 U	2.19	3.45	0.956 U	2.46	**341**
	01/13/2011	--	5.94	5.17	43.4	0.95 U	0.95 U	1.53	0.95 U	1.94	**89.4**
	08/23/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	01/10/2012	--	2.62	0.953 U	3.72	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**25.8**
MW-16	08/07/2002	0.53 U	--	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	**2**
	01/23/2004	0.48 U	--	0.48 U	0.63	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**2.6**
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.58
	07/30/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/26/2004	0.48 U	--	0.48 U	0.58	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.1**
	01/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	07/25/2005	--	0.282	0.19 U	0.247	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	01/25/2006	--	0.947 U	0.947 U	1.54	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**12.0**
	08/10/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/25/2007	--	0.951 U	0.951 U	1.33	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.18**
	08/16/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/22/2008	--	0.954 U	0.954 U	2.15	0.954 U	0.954 U	0.954 U	0.954 U	2.69	**3.83**
	08/19/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/30/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	2.3 U
	01/21/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/17/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/21/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/30/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	01/19/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**3.21**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-17	08/07/2002	0.52 U	--	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.68
	01/26/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.97 U
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.5**
	07/30/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.224	0.189 U	0.189 U	0.189 U	0.189 U
	07/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	01/24/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/15/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/18/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
MW-18	07/29/2004	48 U	--	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/24/2006	--	0.951 U	3.50	0.951 U	0.951 U	0.951 U	3.28	0.951 U	10.4	**1.83**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	--	0.954 U	1.44	1.15	0.954 U	0.954 U	1.15	0.954 U	0.954 U	**4.47**
	08/15/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/18/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
MW-21	08/08/2002	390	--	0.53	51	15	0.49 U	26	1.4	45	**1400**
	05/06/2004	150	--	0.48 U	15	5.3	0.48 U	11	0.67	48 U	**770**
	07/30/2004	44	--	0.48 U	5.1	3.4	0.48 U	6.8	0.48 U	30	**90**
	10/26/2004	2.4 U	--	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.5	4.8 U
	01/25/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/25/2006	--	0.951 U	0.951 U	2.34	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**2.93**
	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/25/2007	--	2.90	10.4	33.7	0.95 U	1.98	2.92	2.05	10.0	**19.5**
	08/16/2007	--	0.952 U	0.952 U	2.51	0.952 U	0.952 U	0.952 U	0.952 U	6.01	**3.98**
	01/22/2008	--	0.958 U	0.958 U	1.62	0.958 U	0.958 U	0.958 U	0.958 U	1.43	**1.93**
	08/19/2008	--	0.949 U	0.949 U	1.82	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**2.76**
	01/30/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/19/2012	--	4.01	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	4.24	**11.3**
	08/12/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/21/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/17/2010	--	0.962 U	0.962 U	1.03	0.962 U	0.962 U	0.962 U	0.962 U	17.8	**2.47**
	01/21/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	08/30/2011	--	0.959 U	1.44	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	12.9	**7.79**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-23	08/06/2002	7.5	--	0.49 U	6.4	0.78	0.49 U	0.49 U	0.49 U	0.49 U	**60**
	01/22/2004	5.2	--	0.48 U	2.9	0.51	0.48 U	0.48 U	0.48 U	0.48 U	**46**
	05/03/2004	5.4	--	0.48 U	3	0.53	0.48 U	0.48 U	0.48 U	0.48 U	**36**
	07/27/2004	5.5	--	0.48 U	3.8	0.64	0.55	0.48 U	0.48 U	0.48 U	**42**
	10/19/2004	4.9	--	0.48 U	1.5	0.52	0.48 U	0.48 U	0.48 U	0.48 U	**35 J**
	01/21/2005	--	2.41 J	0.19 UJ	4.2 J	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	**22.6 J**
	07/20/2005	--	1.61 J	0.192 UR	2.25 J	0.192 UR	0.192 UR	0.192 UR	0.192 UR	0.192 UR	**58.9 J**
	01/20/2006	--	0.95 U	0.95 U	3.58	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**15.7**
	08/07/2006	--	3.25	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**75.5**
	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**12.5**
	08/09/2007	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.35**
	01/15/2008	--	0.951 U	0.951 U	1.51	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**14.8**
	01/11/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**10.7**
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	13	--	0.48 U	0.49	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**61**
	01/27/2004	29	--	0.48 U	1.4	0.71	0.48 U	0.48	0.48 U	1.3	**32**
	04/29/2004	27	--	0.48 U	0.92	0.49	0.48 U	0.48 U	0.48 U	0.48 U	**89**
	08/06/2004	28	--	0.48 U	1.2	0.58	0.48 U	0.52	0.48 U	0.67	**75**
	10/22/2004	31	--	0.48 U	1.2	0.7	0.48 U	0.6	0.48 U	1	**63**
	01/26/2005	--	0.556	0.189 U	13.6	0.348	0.189 U	0.221	0.189 U	0.604	**34.4**
	07/25/2005	--	0.191 U	0.191 U	23.9	0.31	0.191 U	0.504	0.191 U	0.191 U	**77.9**
	01/26/2006	--	0.949 U	0.949 U	22.3	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**54.2**
	08/09/2006	--	0.953 U	0.953 U	15.7	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**26.2**
	01/26/2007	--	0.95 U	0.95 U	20.6	0.95 U	0.95 U	0.95 U	0.95 U	2.60	**43.2**
	08/17/2007	--	0.95 U	0.95 U	23.7	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**43.8**
	01/23/2008	--	0.952 U	0.952 U	15.3	0.952 U	0.952 U	0.952 U	0.952 U	2.41	**32.3**
	01/27/2010	--	0.949 U	0.949 U	5.44	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**13.3**
	08/31/2011	--	0.959 U	0.959 U	6.04	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	**15.2**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-26	01/26/2004	4.8 U	--	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	9.5 U
	05/05/2004	9.6 U	--	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	**19**
	07/29/2004	48 U	--	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
	10/25/2004	0.96 U	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**2.9**
	01/24/2005	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/24/2006	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/15/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/18/2008	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**3.45**
	08/15/2008	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/28/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/18/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/25/2010	--	0.951 U	0.951 U	0.951 U	4.75 U	0.951 U	4.75 U	4.75 U	0.951 U	**19.7**
	08/16/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1.88**
	01/20/2011	--	0.957 U	0.957 U	1.53	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/30/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**2.59**
	01/23/2012	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
MW-27	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.95 U
	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
	01/21/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/20/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.491
	01/23/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/24/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/14/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/17/2008	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/22/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/29/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-38	08/07/2002	39	--	0.49 U	1.6	0.82	0.49 U	4.4	2	0.49 U	**77**
	08/07/2002	44	--	0.49 U	1.8	0.78	0.49 U	4.3	1.9	0.49 U	**68**
	01/27/2004	26	--	0.48 U	1.6	0.8	0.48 U	3.1	1.5	0.48 U	**42**
	01/27/2004	24	--	0.48 U	1.6	0.82	0.48 U	3.2	1.4	0.48 U	**40**
	05/06/2004	21	--	0.49 U	0.94	0.49 U	0.49 U	1.7	0.97	0.49 U	**7.1**
	05/06/2004	20	--	0.48 U	0.78	0.48 U	0.48 U	1.6	0.94	0.48 U	**7.7**
	08/06/2004	17	--	0.48 U	0.8	0.48 U	0.48 U	0.64	0.48 U	0.48 U	**25**
	08/06/2004	17	--	0.48 U	0.78	0.48 U	0.48 U	0.63	0.48 U	0.48 U	**24**
	10/29/2004	13	--	0.48 U	0.48 U	0.48 U	0.48 U	0.49	0.48 U	0.48 U	**22**
	10/29/2004	15	--	0.48 U	0.48 U	0.48 U	0.48 U	0.54	0.48 U	0.48 U	**23**
	01/25/2005	--	0.189 U	0.189 U	5.18	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**9.88**
	01/25/2005	--	0.338	0.189 U	6.18	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**10.2**
	07/25/2005	--	2.42	0.19 U	13.2	0.55	0.19 U	0.19 U	0.19 U	0.19 U	**39.1**
	01/26/2006	--	0.948 U	0.948 U	9.56	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**18.0**
	01/26/2006	--	0.95 U	0.95 U	8.94	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**17.9**
	08/10/2006	--	1.02 U	1.02 U	4.94	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	**7.40**
	08/10/2006	--	1 U	1 U	5.73	1 U	1 U	1 U	1 U	1 U	**9.23**
	01/25/2007	--	5.78	0.95 U	1.50	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**16.1**
	01/25/2007	--	5.35	0.953 U	1.34	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**16.1**
	08/16/2007	--	0.953 U	0.953 U	6.11	0.953 U	0.953 U	0.953 U	0.953 U	1.39	**4.13**
	08/16/2007	--	0.95 U	0.95 U	5.07	0.95 U	0.95 U	0.95 U	0.95 U	1.16	**2.84**
	01/23/2008	--	1.06	0.954 U	7.07	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**9.42**
	01/23/2008	--	0.971	0.952 U	7.10	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**9.85**
	08/21/2008	--	6.19	0.952 U	4.38	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**16.7**
	08/21/2008	--	4.94	0.952 U	2.38	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**10.2**
	02/02/2009	--	0.948 U	0.948 U	5.27	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**8.91**
	02/02/2009	--	0.951 U	0.951 U	4.20	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**7.34**
	08/12/2009	--	1.54 U	1.54 U	2.86	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	**4.14**
	08/12/2009	--	0.943 U	0.943 U	3.13	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	**6.27**
	01/21/2010	--	0.977	0.949 U	2.69	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**6.34**
	01/21/2010	--	1.22	0.952 U	2.95	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**6.81**
	08/17/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**2.39**
	08/17/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**1.86**
	01/21/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	08/31/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**2.69**
	08/31/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**2.69**
	01/19/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**4.01**
	01/19/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**2.83**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-39	08/07/2002	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**1.4**
	01/27/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.98 U
	01/27/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**3.3**
	08/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	08/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	10/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.506
	01/25/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.495
	07/25/2005	--	0.73	0.19 U	0.721	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	**12.9**
	07/25/2005	--	1.32	0.211	0.783	0.92	0.189 U	0.189 U	0.189 U	0.189 U	**9.99**
	01/26/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/26/2006	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/25/2007	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/25/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/16/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/16/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/23/2008	--	2.75	0.952 U	11.1	0.952 U	0.952 U	0.952 U	0.952 U	2.91	**30.2**
	01/23/2008	--	2.99	0.951 U	14.0	0.951 U	0.951 U	0.951 U	0.951 U	3.74	**38.0**
	08/21/2008	--	0.947 U	0.947 U	1.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**2.06**
	08/21/2008	--	0.949 U	0.949 U	1.78	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**2.60**
	02/02/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	02/02/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.55 U	1.55 U	1.71	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	**3.49**
	08/12/2009	--	0.948 U	0.948 U	1.8	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**3.77**
	01/21/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/21/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/17/2010	--	0.949 U	1.89	2.93	0.949 U	0.949 U	0.949 U	0.949 U	1.44	**8.91**
	08/17/2010	--	0.948 U	1.39	2.41	0.948 U	0.948 U	0.948 U	0.948 U	1.27	**7.09**
	01/21/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/31/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/31/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/19/2012	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/19/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-48S	08/20/2008	--	0.954 U	4.13	1.70	0.954 U	0.954 U	3.23	0.954 U	30.0	**2.44**
	10/08/2008	--	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	4.37	1.45 U
	02/02/2009	--	0.949 U	0.949 U	1.30	0.949 U	0.949 U	0.949 U	0.949 U	3.05	**1.91**
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/19/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**1.84**
	01/27/2010	--	0.948 U	0.948 U	1.08	0.948 U	0.948 U	0.948 U	0.948 U	4.89	1.42 U
	08/17/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.19	1.43 U
	01/24/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.4	1.43 U
	08/31/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	2.9	**2.31**
	01/20/2012	--	0.957 U	0.957 U	1.05	0.957 U	0.957 U	0.957 U	0.957 U	16.1	**2.11**
MW-49D	08/19/2008	--	67.0	24.7	196	0.955 U	0.955 U	11.5	0.955 U	46.5	**1130**
	10/03/2008	--	87.7	22.4	228	0.958 U	1.51	11.5	0.958 U	86.4	**502**
	01/26/2009	--	36.8	12.1	152	0.967 U	0.967 U	5.46	0.967 U	23.4	**1310**
	04/06/2009	--	28.6	0.978 U	201	4.46	2.33	0.978 U	**16.3**	22.4	**531**
	08/14/2009	--	23.8	23.6	217	0.965 U	3.2	0.965 U	**4.66**	26	**239**
	01/12/2010	--	213	44.2	28.8	0.967 U	2.92	5.69	0.967 U	35.0	**461**
	08/11/2010	--	0.973 U	2.95	9.28	0.973 U	0.973 U	0.973 U	0.973 U	6.37	**10.9**
	01/13/2011	--	0.966 U	4.36	1.25	0.966 U	0.966 U	0.966 U	0.966 U	3.68	1.45 U
	08/23/2011	--	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	1.47 U
	01/10/2012	--	0.954 U	1.52	2.89	0.954 U	0.954 U	0.954 U	0.954 U	2.38	**2.65**
MW-50S	08/19/2008	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**4.99**
	10/08/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/30/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/19/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**6.37**
	08/16/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/21/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/30/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/19/2012	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
MW-51D	08/12/2008	--	3.20	0.948 U	11.4	0.948 U	0.948 U	0.948 U	0.948 U	19.8	**121**
	10/06/2008	--	1.17	0.951 U	5.25	0.951 U	0.951 U	1.43	0.951 U	46.0	**41.4**
	01/26/2009	--	4.50	0.95 U	13.8	0.95 U	0.95 U	3.02	0.95 U	20.0	**105**
	04/06/2009	--	1.50	0.945 U	7.69	0.945 U	0.945 U	0.945 U	0.945 U	20.0	**92.2**
	08/05/2009	--	3.07	0.951 U	3.41	0.951 U	0.951 U	0.951 U	0.951 U	3.11	**80.1**
	01/13/2010	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**95.8**
	08/12/2010	--	1.90	0.955 U	4.79	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**116**
	01/13/2011	--	1.97	0.956 U	4.33	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**109**
	08/24/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/10/2012	--	2.29	0.955 U	4.44	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**128**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-52D	08/14/2008	--	47.0	9.09	91.8	1 U	1 U	4.24	1 U	12.6	**949**
	10/07/2008	--	21.4	7.00	57.5	0.95 U	0.95 U	1.87	0.95 U	7.53	**352**
	01/30/2009	--	12.7	3.01	58.1	0.953 U	0.953 U	1.31	0.953 U	9.08	**90.9**
	04/09/2009	--	11.7	0.951 U	80.2	0.951 U	0.951 U	0.951 U	**4.46**	15.9	**220**
	08/18/2009	--	13.7	6.93	34.3	0.954 U	0.954 U	1.97	0.954 U	6.94	**331**
	01/25/2010	--	78.8	49.7	16.8	0.955 U	0.955 U	9.41	0.955 U	43.9	**211**
	08/16/2010	--	0.961 U	4.39	10.5	0.961 U	0.961 U	0.961 U	0.961 U	11.4	**22.6**
	01/20/2011	--	1.05	2.73	9.85	0.956 U	0.956 U	1.05	0.956 U	13.6	**14**
	08/30/2011	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	13.6	1.44 U
	01/23/2012	--	2.76	1.33	2.74	0.959 U	0.959 U	0.959 U	0.959 U	7.26	6.22
MW-53S	08/14/2008	--	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	1.45 U
	10/07/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/28/2009		0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	04/10/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/18/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	01/20/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/16/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3.90**
	01/18/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/11/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/17/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
MW-53D	08/14/2008	--	61.4	10.8	138	0.951 U	0.951 U	7.92	0.951 U	7.78	**1450**
	10/07/2008	--	20.7	3.85	72.6	0.948 U	0.948 U	2.91	0.948 U	8.96	**329**
	01/28/2009	--	36.1	6.90	129	0.949 U	1.41	5.28	3.40	9.87	**596**
	04/10/2009	--	38.5	4.00	100	7.95	1.73	0.949 U	**6.89**	25.2	**406**
	08/17/2009	--	28.5	15	107	0.948 U	4.71	5.79	**9.7**	19.2	**150**
	01/20/2010	--	93.6	21.9	13.4	0.951 U	0.951 U	3.36	0.951 U	16.1	**254**
	08/16/2010	--	1.76	4.12	19.4	0.951 U	1.28	1.34	0.951 U	18.3	**44.0**
	01/18/2011	--	2.77	4.09	17.9	0.956 U	2.2	1.26	0.956 U	13.1	**30.3**
	08/11/2011	--	0.954 U	0.954 U	1.17	0.954 U	0.954 U	0.954 U	0.954 U	27.8	**2.35**
	01/17/2012	--	1.7	0.958 U	2.1	0.958 U	0.958 U	0.958 U	0.958 U	16.5	**6.88**
MW-55S	08/20/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/14/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**2.61**
	08/08/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/12/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/24/2014	--	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	1.42 UJ
	07/23/2014	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/15/2015	--	--	--	--	--	--	--	--	--	LE
	08/11/2016	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/09/2018	--	0.948 U	0.948 U	0.474 U	0.948 U	0.948 U	0.474 U	0.474 U	0.948 U	0.474 U
	01/16/2020	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/11/2021	--	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.73 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-55D	09/07/2010	--	8.74	1.26	42.1	0.982 U	0.982 U	0.982 U	1.45	7.38	**632**
	01/14/2011	--	12.4	0.998	30	0.951 U	0.951 U	2.16	0.951 U	3.44	**185**
	08/08/2011	--	4.25	0.953 U	3.8	0.953 U	0.953 U	1.54	0.953 U	2.21	7.15 U
	01/12/2012	--	22.2	1.28	25.3	2.16	0.957 U	0.957 U	0.957 U	1.35	**364**
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/24/2014	--	--	--	--	--	--	--	--	--	**17.9**
	07/23/2014	--	--	--	--	--	--	--	--	--	**262**
	01/15/2015	--	--	--	--	--	--	--	--	--	**163**
	08/11/2016	--	--	--	--	--	--	--	--	--	**259**
	01/09/2018	--	--	--	--	--	--	--	--	--	**605**
	01/16/2020	--	--	--	--	--	--	--	--	--	**193**
	08/11/2021	--	--	--	--	--	--	--	--	--	**218**
MW-57S	08/15/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	10/06/2008	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**2.84**
	01/27/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**3.52**
	04/07/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/06/2009	--	3.11	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**12**
	01/13/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**1.87**
	08/12/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/14/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**1.46**
	08/25/2011	--	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	1.45 U
	01/11/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/22/2014	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**6.89**
	07/23/2014		0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**1.7**
	01/14/2015	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/12/2016	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**6.46**
	01/09/2018	--	0.943 U	0.943 U	0.509	0.943 U	0.943 U	0.472 U	0.472 U	0.943 U	**21.5**
	01/15/2020	--	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	**1.81**
	08/10/2021	--	4.59	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**35.5**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-57D	08/14/2008	--	184	1.81	96.3	1 U	1 U	1.59	1 U	3.12	**8220**
	10/06/2008	--	120	2.64	88.5	0.961 U	0.961 U	3.68	0.961 U	55.0	**4800**
	10/06/2008	--	142	3.72	112	0.961 U	0.961 U	5.38	0.961 U	80.5	**4080**
	01/27/2009	--	137	2.33	98.6	0.943 U	0.943 U	4.54	0.943 U	76.5	**3900**
	01/27/2009	--	143	2.87	113	0.95 U	0.95 U	5.40	0.95 U	90.4	**4480**
	04/07/2009	--	111	0.95 U	72.8	0.95 U	0.95 U	0.95 U	1.82	33.9	**3700**
	04/07/2009	--	129	0.95 U	94.3	0.95 U	0.95 U	0.95 U	2.61	49.7	**3640**
	08/06/2009	--	103	3.49	67.7	0.649 U	0.649 U	0.649 U	3.47	17.3	**2690**
	01/13/2010	--	89.9	4.23	132	0.947 U	0.947 U	2.65	0.947 U	16.8	**3640**
	01/13/2010	--	92.1	4.55	123	0.947 U	0.947 U	2.89	0.947 U	18.7	**3580**
	08/12/2010	--	139	9.81	99.9	0.948 U	0.948 U	3.03	0.948 U	9.79	**4160**
	08/12/2010	--	119	11.1	95.8	0.947 U	0.947 U	2.91	0.947 U	13.4	**3700**
	01/14/2011	--	201	20.5	155	0.953 U	0.953 U	5.31	0.953 U	10.5	**4800**
	01/14/2011	--	189	15.4	146	0.951 U	0.951 U	4.11	0.951 U	7.54	**4480**
	08/25/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1820**
	08/25/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**2430**
	01/11/2012	--	154	9.46	82	2.38	0.95 U	0.95 U	0.95 U	4.52	**3180**
	01/11/2012	--	148	8.88	82.5	2.65	0.948 U	0.948 U	0.948 U	4.88	**2700**
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/22/2014	--	90.6 J	7.91 J	72.7 J	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**1700**
	01/22/2014	--	179 J	35.4 J	135 J	0.947 U	0.947 U	0.947 U	**6.35**	0.947 U	**4200 J**
	07/23/2014	--	198	11	92.2	0.944 U	0.944 U	3.86	0.944 U	0.944 U	**2910**
	07/23/2014	--	181	12.7	87.9	0.945 U	0.945 U	3.3	0.945 U	0.945 U	**2980**
	01/14/2015	--	141	0.942 U	122	0.942 U	0.942 U	3.71	1.63	0.942 U	**2000 J**
	01/14/2015	--	202	0.947 U	119	0.947 U	0.947 U	3.92	2.14	0.947 U	**4000 J**
	08/12/2016	--	131	12.6	92.4	10.3	0.944 U	8.26	**8.56**	11.4	**1640**
	08/12/2016	--	126	12.5	91.1	9.24	0.945 U	7.9	**7.16**	10.7	**1620**
	01/09/2018	--	44.3	2.63	24	2.34	0.946 U	1.69 J	1.43	3.48	**1020**
	01/09/2018	--	54.6	5.38	32.3	5.88	0.948 U	3.1 J	1.82	7.18	**1100**
	01/15/2020	--	169	13.4	73.2	9.63	1.2 U	9.54	1.20 U	9.87	**3540**
	01/15/2020	--	226	10.8	94.9	8.34	1.14 U	7.89	1.14 U	8.15	**3630**
	08/10/2021	--	105	5.37	0.981 U	0.981 U	0.981 U	23.6	21.8	0.981 U	**3130**
	08/10/2021	--	99	5.22	0.997 U	0.997 U	0.997 U	20.8	21.4	0.997 U	**3480**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-58D	08/13/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	10/08/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/27/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/07/2009	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/06/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/14/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.33**
	08/12/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**2.73**
	01/19/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/26/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/13/2012	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/23/2014	--	--	--	--	--	--	--	--	--	**0.838**
	07/24/2014	--	--	--	--	--	--	--	--	--	0.473 U
	01/15/2015	--	--	--	--	--	--	--	--	--	0.473 U
	08/11/2016	--	--	--	--	--	--	--	--	--	0.472 U
	01/10/2018	--	--	--	--	--	--	--	--	--	0.471 U
	01/15/2020	--	--	--	--	--	--	--	--	--	**2.17**
	08/11/2021	--	--	--	--	--	--	--	--	--	1.45 U
EPA-5S	08/11/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	10/02/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/23/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/03/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/05/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/08/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/11/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/12/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/09/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/09/2012	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
EPA-5D	08/11/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**12.8**
	10/02/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**6.42**
	01/23/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**4.29**
	04/03/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**4.74**
	08/05/2009	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**9.44**
	01/08/2010	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	08/11/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/12/2011	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/09/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	01/09/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.37

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
EPA-6S	08/18/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	10/07/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/29/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/10/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.42 U
	08/12/2009	--	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	2.34 U
	01/25/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**23.0**
	08/13/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/19/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/19/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/10/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/17/2012	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
EPA-6D	08/18/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	10/07/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/29/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.42 U
	04/10/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	2.33 U
	01/25/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/13/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/19/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/10/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/17/2012	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
RNWR Monitoring Wells (UWBZ)											
MW-30	08/13/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
USDFW-1	10/24/2003	1.4	--	0.49 U	0.49 U	0.49 U	0.49 U	0.69	0.49 U	1.3	**4**
	05/04/2004	1.3	--	0.48 U	0.75	0.48 U	0.48 U	0.48 U	0.48 U	0.7	**3.1**
	08/13/2004	8.5	--	0.53 U	1.5	0.53 U	0.53 U	1.4	0.53 U	0.53 U	**26**
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	07/28/2005	--	0.253	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	02/01/2006	--	0.965 U	0.965 U	1.72	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	**5.67**
	08/11/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/22/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/27/2007	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/28/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/21/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	02/03/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/07/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.41 U
	01/28/2010	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	08/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/06/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/25/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--	0.474 U
	08/14/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/27/2014	--	--	--	--	--	--	--	--	--	0.471 U
	07/21/2014	--	--	--	--	--	--	--	--	--	0.476 U
	01/13/2015	--	--	--	--	--	--	--	--	--	0.469 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.473 U
	10/24/2003	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	08/13/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	07/28/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U
	02/01/2006	--	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	1.47 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/27/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/28/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	10/24/2003	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	08/13/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.97 U
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U
	07/28/2005	--	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U
	02/01/2006	--	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	1.46 U
	08/11/2006	--	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	1.42 UJ
	01/22/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/27/2007	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/28/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/11/2018	--	--	--	--	--	--	--	--	--	0.47 U
	01/16/2020	--	--	--	--	--	--	--	--	--	1.61 U
	08/11/2021	--	--	--	--	--	--	--	--	--	1.53 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
RMW-2S	08/21/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	10/09/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	02/03/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	04/08/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/07/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**7.06**
	01/28/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/26/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/06/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/25/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/07/2012	--	--	--	--	--	--	--	--	--	**2.28**
	08/14/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/27/2014	--	--	--	--	--	--	--	--	--	0.473 U
	07/21/2014	--	--	--	--	--	--	--	--	--	**3.13**
	01/13/2015	--	--	--	--	--	--	--	--	--	0.471 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.474 U
	01/10/2018	--	--	--	--	--	--	--	--	--	0.473 U
	01/16/2020	--	--	--	--	--	--	--	--	--	1.68 U
	08/11/2021	--	--	--	--	--	--	--	--	--	**5.18**
RMW-2D	08/21/2008	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1.44 U
	10/09/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.89**
	02/03/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	04/08/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**3.93**
	08/07/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**7.26**
	01/28/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/26/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**3.53**
	01/26/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1.74**
	09/06/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**3.04**
	01/25/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**1.83**
	08/07/2012	--	--	--	--	--	--	--	--	--	**2.21**
	08/14/2013	--	--	--	--	--	--	--	--	--	**3.55**
	01/27/2014	--	--	--	--	--	--	--	--	--	**5.26**
	07/21/2014	--	--	--	--	--	--	--	--	--	**2.93**
	01/13/2015	--	--	--	--	--	--	--	--	--	0.471 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.484 U
	01/10/2018	--	--	--	--	--	--	--	--	--	**2.23**
	01/16/2020	--	--	--	--	--	--	--	--	--	1.7 U
	08/11/2021	--	--	--	--	--	--	--	--	--	1.63 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
Cell 2 (LWBZ)											
MW-40	08/08/2002	29	--	0.48 U	18	1.3	0.48 U	0.91	0.48 U	0.98	**700**
	01/23/2004	16	--	0.48 U	4.7	1.3	0.48 U	1.7	0.48 U	2.5	**860**
	04/30/2004	15	--	0.48 U	3.2	1.4	0.48 U	1.6	0.48 U	3.9	**240**
	08/11/2004	15	--	0.48 U	3.3	1.5	0.48 U	1.6	0.48 U	9.7	**850**
	10/29/2004	6.5	--	0.48 U	3.1	1.2	0.48 U	1.2	0.48 U	20	**1100**
	01/27/2005	--	1.68	0.189 U	2.73	0.67	0.189 U	0.468	0.189 U	5.68	**573**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	5.18	1.39	7.30	0.951 U	0.951 U	1.70	1.25	0.951 U	**385**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	--	5.76	0.990	22.8	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**79.7**
	08/19/2009	--	2.4	0.954 U	28.9	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**138**
	01/29/2010	--	0.952 U	0.952 U	22.6	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**184**
	08/25/2010	--	3.40	1.47	55.8	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**159**
	01/24/2011	--	3.01	1.24	40.4	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**102**
	09/02/2011	--	0.979	0.96 U	41.8	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**95.3**
	01/20/2012	--	26.1	0.955 U	1.16	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**82.6**
MW-41	08/12/2002	1.9	--	0.48 U	0.58	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**99**
	01/29/2004	1.6	--	0.48 U	1.7	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**370**
	04/29/2004	1.2	--	0.48 U	2.1	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**570**
	08/12/2004	1.3	--	0.48 U	1.5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**340**
	11/08/2004	1.3	--	0.24 U	2.1	0.24 U	0.24 U	0.24 U	0.24 U	0.28 U	**550**
	01/27/2005	--	0.894	0.189 U	0.497	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**175**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	--	4.50	0.947 U	6.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**698**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
Cell 2 Monitoring Wells (LWBZ)											
MW-22	08/08/2002	74	--	0.49 U	17	2.5	0.49 U	4.4	0.49 U	1.6	**430**
	01/23/2004	13	--	0.49 U	13	11	0.84	19	1.5	54	**52**
	04/28/2004	61	--	0.48 U	29	9	0.48 U	14	1.7	19	**360**
	08/06/2004	67	--	0.48 U	41	8.4	0.48 U	8.6	1.6	1.8	**540**
	10/26/2004	62	--	0.48 U	23	4.7	0.48 U	8.1	1.1	0.67	**410**
	01/25/2005	--	4.5	0.189 U	26.3	1.13	0.189 U	3.69	0.189 U	0.189 U	**178**
	08/03/2005	--	0.19 U	0.19 U	53.9	0.798	0.19 U	3.7	0.507	0.19 U	**629**
	01/25/2006		6.12	1.40	47.2	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**144**
	08/10/2006	--	7.06	2.56	34.0	0.954 U	0.954 U	3.40	0.954 U	1.81	**114**
	01/25/2007	--	9.15	0.990	29.7	0.951 U	0.951 U	3.38	0.951 U	3.44	**307**
	08/16/2007	--	4.02	0.953 U	19.0	0.953 U	0.953 U	2.41	0.953 U	0.953 U	**110**
	01/22/2008	--	4.48	0.955 U	22.0	0.955 U	0.955 U	1.60	0.955 U	0.955 U	**339**
MW-33	08/07/2002	4.9	--	0.48 U	2.1	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**120**
	01/21/2004	11	--	0.48 U	2.9	0.48 U	0.48 U	0.48	0.48 U	0.48 U	**200**
	04/27/2004	12	--	0.48 U	3.2	0.48 U	0.48 U	0.67	0.48 U	0.48 U	**320**
	07/28/2004	12	--	0.48 U	2.5	0.48 U	0.48 U	0.84	0.48 U	0.48 U	**250**
	10/19/2004	12	--	0.48 U	1.4	0.48 U	0.48 U	0.78	0.48 U	0.48 U	**200 J**
	01/20/2005	--	2.44	0.189 U	10.2	0.189 U	0.189 U	0.665	0.189 U	0.189 U	**121**
	07/20/2005	--	0.189 UR	0.189 UR	0.516 J	0.189 UR	0.189 UR	0.189 UR	0.189 UR	0.189 UR	**1.83 J**
	01/20/2006	--	4.46	0.951 U	4.19	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**192**
	08/04/2006	--	5.00	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**136**
	01/19/2007	--	2.43	0.951 U	2.27	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**63.9**
	08/09/2007	--	1.94	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**80.9**
	01/15/2008	--	3.28	0.952 U	2.83	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**163**
	08/11/2008	--	4.44	0.949 U	1.70	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**248**
	01/11/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**94.7**
	08/09/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**37.3**
MW-34	08/08/2002	1.8	--	0.49 U	4.6	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**410**
	01/21/2004	2.2	--	0.48 U	3.7	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**610**
	04/27/2004	1.9	--	0.48 U	3.5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**640**
	07/29/2004	2.7	--	0.48 U	3.2	0.48 U	0.48 U	0.48 U	0.48 U	0.77	**740**
	10/20/2004	3.1	--	0.48 U	3.5	0.48 U	0.48 U	0.48 U	0.48 U	0.64	**610 J**
	01/21/2005	--	2.19	0.189 U	2.21	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**207**
	07/20/2005	--	2.72	0.19 U	1.59	0.19 U	0.19 U	0.19 U	0.19 U	0.873	**707**
	01/23/2006	--	1.99	0.948 U	3.06	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**702**
	08/07/2006	--	1.83	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**626**
	01/18/2007	--	1.17	0.952 U	2.30	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**354**
	08/10/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**147**
	01/16/2008	--	2.62	0.952 U	3.13	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**466**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-35	08/13/2002	67	--	0.48 U	23	1.9	0.48 U	2.3	0.48 U	6.1	**1100**
	08/13/2002	71	--	0.49 U	23	1.9	0.49 U	2.4	0.49 U	4.8	**1300**
	01/21/2004	120	--	0.48 U	45	2.1	0.55	3.2	0.48 U	21	**5800**
	04/28/2004	120	--	0.48 U	50	2.1	0.48 U	3.2	0.48 U	18	**4000**
	07/30/2004	99	--	0.48 U	36	2.1	0.48 U	3.3	0.48 U	20	**2800**
	10/25/2004	100	--	0.96 U	46	2.2	0.96 U	3.3	0.96 U	26	**2700**
	01/24/2005	--	--	--	--	--	--	--	--	--	--
	07/20/2005	--	50.5 J	0.19 UR	124 J	0.19 UR	0.19 UR	3.93 J	0.929 J	21.6 J	**6540 J**
	01/24/2006	--	58.8	3.29	61.1	0.948 U	0.948 U	0.948 U	0.948 U	14.4	**1750**
	08/08/2006	--	73.9	2.79	1.02 U	3.19	1.02 U	3.80	1.02 U	30.9	**1620**
	01/24/2007	--	67.8	2.71	68.7	0.948 U	0.948 U	2.12	0.948 U	17.2	**1660**
	08/14/2007	--	44.9	2.33	48.7	0.947 U	0.947 U	2.03	0.947 U	24.6	**600**
	01/18/2008	--	93.8	3.09	0.956 U	0.956 U	0.956 U	1.81	0.956 U	20.3	**1860**
	08/14/2008	--	93.4	3.08	40.1	0.951 U	0.951 U	2.46	0.951 U	9.26	**2950**
	01/30/2009		58.2	2.44	44.1	0.949 U	0.949 U	1.80	0.949 U	7.17	**1230**
	08/18/2009	--	58.8	1.44	19.8	0.949 U	0.949 U	1.89	0.949 U	2.18	**2710**
	01/22/2010	--	77.5	0.951 U	88.9	0.951 U	0.951 U	4.81	0.951 U	40.4	**1990**
	08/16/2010	--	33.4	1.21	36.6	0.949 U	0.949 U	1.67	0.949 U	10.5	**1270**
	01/20/2011	--	50.4	2.88	70.3	0.953 U	0.953 U	10.2	0.953 U	45.7	**1200**
	08/29/2011	--	39.7	1.63	32.5	0.956 U	0.956 U	2.05	0.956 U	9.27	**1110**
	01/18/2012	--	31.1	0.957 U	11	0.957 U	0.957 U	0.957 U	0.957 U	7.14	**581**
MW-36	08/07/2002	12	--	0.49 U	3.8	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**120**
	01/26/2004	37	--	0.48 U	5.3	0.94	0.48 U	2.1	0.48 U	3.2	**69**
	04/28/2004	16	--	0.48 U	5	0.67	0.48 U	2.4	0.48 U	0.48 U	**350**
	07/30/2004	13	--	0.48 U	2.8	0.6	0.48 U	2.3	0.48 U	0.48 U	**230**
	10/26/2004	11	--	0.48 U	3.7	0.48 U	0.48 U	1.6	0.48 U	0.48 U	**120**
	01/25/2005	--	1.69	0.189 U	6.6	0.37	0.189 U	1	0.189 U	0.189 U	**155**
	07/25/2005	--	0.19 U	1.4	15.7	0.388	0.19 U	0.19 U	0.19 U	0.19 U	**245**
	01/25/2006	--	1.92	0.95 U	7.72	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**85.2**
	08/08/2006	--	1.61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**76.9**
	01/24/2007	--	1.58	0.948 U	6.99	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**105**
	08/15/2007	--	0.951 U	0.951 U	2.95	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**59.3**
	01/22/2008	--	1.43	0.953 U	4.39	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**99.5**
	08/19/2008	--	1.20	0.951 U	6.63	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**114**
	01/30/2009	--	0.947 U	0.947 U	2.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**52.3**
	08/19/2009	--	2.71	0.946 U	6.4	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**107**
	01/26/2010	--	0.947 U	0.947 U	4.77	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**61.4**
	08/16/2010	--	1.72	0.957 U	6.28	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**109**
	01/21/2011	--	2.37	0.955 U	8.23	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**94.7**
	08/30/2011	--	2.4	0.954 U	7.06	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**102**
	01/19/2012	--	9.99	0.955 U	4.27	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**143**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-37	08/12/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**4**
	01/27/2004	0.7	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**32**
	04/29/2004	0.68	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**23**
	08/06/2004	0.65	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**23**
	10/22/2004	0.58	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**21**
	01/26/2005	--	0.189 U	0.189 U	0.222	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**6.15**
	07/25/2005	--	0.19 U	0.19 U	0.567	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	**20.8**
	01/26/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**9.21**
	08/09/2006	--	0.952 U	0.952 U	1.21	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**25.7**
	01/26/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**12.8**
	08/17/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**5.61**
	01/23/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**5.98**
	08/20/2008	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**18.4**
	01/27/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**1.63**
	08/31/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**8.15**
MW-54	08/12/2008	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	12.2	**50.5**
	10/06/2008	--	0.956 U	0.956 U	1.90	0.956 U	0.956 U	0.956 U	0.956 U	10.2	**35.5**
	01/26/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	4.28	**37.0**
	04/06/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.25	**49.3**
	08/05/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**58.5**
	01/13/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**40.2**
	08/12/2010	--	0.947 U	0.947 U	1.27	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**74.2**
	01/13/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**63.7**
	08/24/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	01/10/2012	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**82.2**
MW-55	08/14/2008	--	9.32	0.955 U	12.5	0.955 U	0.955 U	1.31	0.955 U	0.955 U	**828**
	10/03/2008	--	6.61	0.954 U	13.8	0.954 U	0.954 U	1.34	0.954 U	2.49	**448**
	01/27/2009	--	6.11	0.946 U	24.5	0.946 U	0.946 U	2.4	0.946 U	26	**485**
	04/07/2009	--	5.1	0.951 U	19.7	0.951 U	0.951 U	0.951 U	0.951 U	16.9	**410**
	08/06/2009	--	3.89	0.948 U	6.99	0.948 U	0.948 U	0.948 U	0.948 U	9.31	**418**
	01/14/2010	--	7.04	0.951 U	4.93	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**293**
	08/12/2010	--	7.66	0.949 U	16.1	0.949 U	0.949 U	1.13	0.949 U	0.949 U	**632**
	01/14/2011	--	8.91	0.957 U	19.4	0.957 U	0.957 U	1.23	0.957 U	0.957 U	**544**
	08/08/2011	--	4.9	0.951 U	3.79	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	7.13 U
	01/12/2012	--	7.46	0.952 U	7.1	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**253**
	08/13/2013	--	--	--	--	--	--	--	--	--	**419**
	01/24/2014	--	--	--	--	--	--	--	--	--	**781**
	07/23/2014	--	--	--	--	--	--	--	--	--	**293**
	01/15/2015	--	--	--	--	--	--	--	--	--	**322**
	08/11/2016	--	--	--	--	--	--	--	--	--	**187**
	01/09/2018	--	--	--	--	--	--	--	--	--	**297**
	01/16/2020	--	--	--	--	--	--	--	--	--	**176**
	08/11/2021	--	--	--	--	--	--	--	--	--	**193**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-56	08/21/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**23.1**
	10/08/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**18.7**
	01/27/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**26.9**
	04/07/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**27.6**
	08/06/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**33.2**
	01/14/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**10.1**
	08/12/2010	--	0.951 U	0.951 U	1.06	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**31.9**
	01/19/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**23.3**
	08/26/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**26.1**
	01/13/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**11.5**
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/23/2014	--	--	--	--	--	--	--	--	--	**49.8**
	07/24/2014	--	--	--	--	--	--	--	--	--	**32.3**
	01/15/2015	--	--	--	--	--	--	--	--	--	**20.6**
	08/11/2016	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**31.5**
	01/15/2020	--	--	--	--	--	--	--	--	--	**44.8**
	08/11/2021	--	--	--	--	--	--	--	--	--	1.45 U
MW-59	08/19/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	3.41	**13.4**
	10/06/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.49	**4.86**
	01/29/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3.95**
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**10.9**
	08/17/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/21/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/13/2010	--	0.946 U	0.946 U	1.60	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**18.0**
	01/20/2011	--	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	**2.19**
	08/29/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**5.09**
	01/13/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**7.88**
	01/10/2018	--	0.955 U	0.955 U	0.478 U	0.955 U	0.955 U	0.478 U	0.478 U	0.955 U	**33.9**
MW-62	09/08/2010	--	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	**22.4**
	01/14/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**10.7**
	08/25/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/11/2012	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**13.4**
	08/07/2012	--	--	--	--	--	--	--	--	--	0.477 U
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/22/2014	--	--	--	--	--	--	--	--	--	**31.3**
	07/22/2014	--	--	--	--	--	--	--	--	--	**16**
	01/13/2015	--	--	--	--	--	--	--	--	--	**17**
	08/15/2016	--	--	--	--	--	--	--	--	--	**39.9**
	01/09/2018	--	--	--	--	--	--	--	--	--	**68.4**
	01/16/2020	--	--	--	--	--	--	--	--	--	**131**
	08/10/2021	--	--	--	--	--	--	--	--	--	**274**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL (ug/L)		NV	480	NV	NV	NV	NV	800	4	NV	0.73
RNWR Monitoring Well (LWBZ)											
MW-60	09/03/2008	--	1.09	0.948 U	3.06	0.948 U	0.948 U	0.948 U	0.948 U	2.70	**94.5**
	10/09/2008	--	0.951 U	0.951 U	3.87	0.951 U	0.951 U	0.951 U	0.951 U	11.6	**68.9**
	02/03/2009	--	0.951 U	0.951 U	3.03	0.951 U	0.951 U	0.951 U	0.951 U	3.33	**51**
	04/08/2009	--	0.992	0.945 U	3.14	0.945 U	0.945 U	0.945 U	0.945 U	3.77	**91.2**
	08/07/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**57.5**
	01/28/2010	--	0.948 U	0.948 U	3.35	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**70.2**
	08/25/2010	--	0.95 U	0.95 U	2.57	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**72.2**
	01/24/2011	--	0.951 U	1.09	3.95	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**80.4**
	09/06/2011	--	2.5	0.951 U	1.72	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**94.4**
	01/25/2012	--	2.53	0.953 U	3.47	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**90.6**
MW-61	09/03/2010	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/02/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/24/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	08/06/2012	--	--	--	--	--	--	--	--	--	0.476 U
	08/14/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/23/2014	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	07/22/2014	--	--	--	--	--	--	--	--	--	0.475 U
	01/12/2015	--	--	--	--	--	--	--	--	--	0.473 U
	08/12/2016	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/05/2018	--	0.949 U	0.949 U	0.474 U	0.949 U	0.949 U	--	0.474 U	0.949 U	0.474 U
	01/15/2020	--	--	--	--	--	--	--	--	--	1.42 U
	08/11/2021	--	--	--	--	--	--	--	--	--	1.52 U
MW-63	09/20/2012	--	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	**1.97 J**
	08/14/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/23/2014	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	07/22/2014	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.41 U
	01/12/2015	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2016	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	--	0.946 U	0.946 U	0.473 U	0.946 U	0.946 U	0.473 U	0.473 U	0.946 U	**1.79**
	01/16/2020	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	08/11/2021	--	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	1.49 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
SVOCs (ug/L)										
Cell 1 (UWBZ)										
MW-7	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2004	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/09/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.427	0.19 U	--	--	0.95 U	0.443	0.19 U	0.19 U	**0.21**
	07/25/2005	0.239	**0.0433**	--	--	0.119	0.216	0.019 U	0.019 U	**0.083**
	01/27/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/10/2006	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/25/2007	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	02/04/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/19/2009	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/26/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/24/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2011	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	09/01/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
MW-8S	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
MW-42	08/12/2002	0.97 U	0.97 U	0.97 U	0.97 U	--	0.97 U	0.97 U	0.97 U	ND
	01/23/2004	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/30/2004	0.47	0.096 U	0.1	0.096 U	--	0.35	0.096 U	0.096 U	**0.12**
	08/10/2004	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	10/27/2004	0.48 U	0.48 U	0.48 U	0.48 U	--	0.48 U	0.48 U	0.48 U	ND
	01/26/2005	0.191 U	0.191 U	--	--	0.957 U	0.191 U	0.191 U	0.191 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-43	08/12/2002	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2004	1.2	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	**0.79**
	04/30/2004	1	0.26	0.41	0.14	--	0.69	0.096 U	0.096 U	**0.43**
	08/11/2004	3.4	**1.2**	1.8	0.96 U	--	2.6	0.96 U	0.96 U	**1.9**
	10/27/2004	1.2	0.48 U	0.48 U	0.48 U	--	0.78	0.48 U	0.48 U	**0.46**
	01/27/2005	0.189 U	0.189 U	--	--	0.947 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1.66	0.955 U	0.955 U	0.955 U	--	1.06	0.955 U	0.955 U	**0.845**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2004	170	**54**	56	60	--	160	4.1	18	**86.4**
	04/29/2004	16	**5.7**	8.9	3.2	--	16	0.96 U	2.1	**8.9**
	08/11/2004	260	**78**	110	49	--	260	9.6 U	26	**126**
	10/29/2004	890	**290**	400	190	--	760	51	100	**461**
	01/27/2005	1.92 U	1.92 U	--	--	9.61 U	1.92 U	1.92 U	1.92 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1.98	0.951 U	0.951 U	0.951 U	--	1.97	0.951 U	0.951 U	**0.883**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	244	**67.3**	153	29.7	--	209	12.1	22.6	**127**
	08/19/2009	14.7	0.972 U	5.89	2.02	--	16.7	0.972 U	0.972 U	**3.01**
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	12.2	**1.27**	5.84	1.55	--	15.8	0.963 U	0.963 U	**3.39**
	01/24/2011	1.06	0.961 U	0.961 U	0.961 U	--	1.26	0.961 U	0.961 U	**0.7913**
	09/02/2011	21.2	**3.04**	13.9	5.13	--	25.3	0.961 U	1.41	**7.50505**
	01/20/2012	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND
Cell 2 Monitoring Wells (UWBZ)										
E-4	07/12/2007	5.03	0.968 U	2.34	0.968 U	--	4.83	0.968 U	0.968 U	**1.41**
	09/13/2007	14.0	**2.01**	4.02	3.90	--	15.5	0.976 U	0.976 U	**4.45**
	02/12/2008	3.49	0.963 U	1.18	0.963 U	--	3.54	0.963 U	0.963 U	**1.13**
	08/22/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
EPA-4S	09/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	10/02/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	02/10/2009	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	04/16/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/29/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/24/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	09/01/2011	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/24/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
EPA-4D	09/03/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/02/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	02/10/2009	0.999 U	0.999 U	0.999 U	0.999 U	--	0.999 U	0.999 U	0.999 U	ND
	04/16/2009	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/29/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/24/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	09/01/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
MW-4	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.0192 U	0.0192 U	--	--	0.096 U	0.0192 U	0.0192 U	0.0192 U	ND
	07/20/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/14/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/17/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/13/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/29/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	08/18/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/13/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/20/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/26/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-5	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.189 U	0.189 U	--	--	0.945 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	0.0191 U	0.0191 U	--	--	0.0956 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/24/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/14/2007	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/13/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/29/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/18/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/22/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/20/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
PZ-06	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/16/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/12/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	1.13	**1.04**	0.949 U	1.2	--	1.14	1.05	1.02	**1.54**
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/10/2012	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
MW-10	08/06/2002	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	ND
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/14/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-13	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/05/2004	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.019 U	0.019 U	--	--	0.095 U	0.019 U	0.019 U	0.019 U	ND
	07/20/2005	0.0191 U	0.0191 U	--	--	0.0953 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/23/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/09/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/15/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/23/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/14/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/11/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/12/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/23/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/09/2012	0.97 U	0.97 U	0.97 U	0.97 U	--	0.97 U	0.97 U	0.97 U	ND
MW-14	08/08/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.0191 U	0.0191 U	--	--	0.0954 U	0.0191 U	0.0191 U	0.0191 U	ND
	07/20/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-15	08/08/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/05/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2005	0.0192 U	0.0192 U	--	--	0.0962 U	0.0192 U	0.0192 U	0.0192 U	ND
	07/20/2005	0.192 UR	0.192 UR	--	--	0.958 UR	0.192 UR	0.192 UR	0.192 UR	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/07/2006	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/18/2007	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/10/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2008	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/11/2010	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/13/2011	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/23/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/10/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
MW-16	08/07/2002	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	01/23/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/10/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/25/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/22/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	--	1.54 U	1.54 U	1.54 U	ND
	01/21/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/17/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/30/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-17	08/07/2002	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	01/26/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.0189 U	0.0189 U	--	--	0.0944 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.0221	0.019 U	0.019 U	**0.0173**
	01/24/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/15/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/18/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-18	07/29/2004	9.6 U	0.096 U	0.096 U	0.096 U	--	9.6 U	0.096 U	0.096 U	ND
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/24/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1.75	0.954 U	0.954 U	0.954 U	--	1.33	0.954 U	0.954 U	**0.856**
	08/15/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/18/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
MW-21	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.48 U	0.48 U	0.48 U	0.48 U	--	0.48 U	0.48 U	0.48 U	ND
	01/25/2005	0.189 U	0.189 U	--	--	0.943 U	0.189 U	0.189 U	0.189 U	ND
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/25/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/16/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/22/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/30/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/19/2012	0.963 U	0.963 U	0.963 U	0.963 U	--	0.963 U	0.963 U	0.963 U	ND
	08/12/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/17/2010	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/21/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	08/30/2011	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-23	08/06/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/03/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/19/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.019 U	0.019 U	--	--	0.0951 U	0.019 U	0.019 U	0.019 U	ND
	07/20/2005	0.0192 UR	0.0192 UR	--	--	0.0959 UR	0.0192 UR	0.0192 UR	0.0192 UR	ND
	01/20/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/07/2006	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/09/2007	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/15/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/11/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.0189 U	0.0189 U	--	--	0.0945 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.0191 U	0.0191 U	--	--	0.0953 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/26/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/09/2006	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/17/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/27/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/31/2011	0.959 U	0.959 U	0.959 U	0.959 U		0.959 U	0.959 U	0.959 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-26	01/26/2004	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	05/05/2004	2.0 U	2.0 U	2.0 U	2.0 U	--	2.0 U	2.0 U	2.0 U	ND
	07/29/2004	0.67	0.23	0.33	0.12	--	0.56	0.096 U	0.096 U	**0.36**
	10/25/2004	0.34	0.20 U	0.2	0.20 U	--	0.27	0.20 U	0.20 U	**0.19**
	01/24/2005	2.73	**1.07**	--	--	1.76	2.08	0.19 U	0.334	**1.58**
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/24/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/08/2006	1.17	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	**0.829**
	01/24/2007	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/15/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/18/2008	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	08/15/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/28/2009	2.35	0.947 U	1.14	0.947 U		1.56	0.947 U	0.947 U	**0.980**
	08/18/2009	1.25	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	**0.795**
	01/25/2010	2.32	**0.989**	1.28	0.951 U	--	1.72	0.951 U	0.951 U	**1.37**
	08/16/2010	1.29	0.952 U	0.952 U	0.952 U	--	1.01	0.952 U	0.952 U	**0.14**
	01/20/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/30/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/23/2012	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
MW-27	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.189 U	0.189 U	--	--	0.943 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	0.0192 U	0.0192 U	--	--	0.0958 U	0.0192 U	0.0192 U	0.0192 U	ND
	01/23/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/24/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/14/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/17/2008	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/22/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/29/2011	0.953 U	0.953 U	0.953 U	0.953 U		0.953 U	0.953 U	0.953 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-38	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	01/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/06/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/10/2006	1.02 U	1.02 U	1.02 U	1.02 U	--	1.02 U	1.02 U	1.02 U	ND
	08/10/2006	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	02/02/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	02/02/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	--	1.54 U	1.54 U	1.54 U	ND
	08/12/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/21/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/21/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/31/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/31/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-39	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/27/2004	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	ND
	01/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.019 U	0.019 U	--	--	0.0948 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.023 U	0.019 U	--	--	0.0951 U	0.0277	0.019 U	0.019 U	**0.0176**
	07/25/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/25/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/16/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/23/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/21/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	02/02/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	02/02/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	--	1.55 U	1.55 U	1.55 U	ND
	08/12/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/21/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/17/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/17/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/31/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/31/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/19/2012	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/19/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-48S	08/20/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	10/08/2008	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	02/02/2009	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/17/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/31/2011	1.77	0.96 U	0.96 U	0.96 U	--	2	0.96 U	0.96 U	**0.869**
	01/20/2012	3.22	0.957 U	1.57	0.957 U	--	4.53	0.957 U	0.957 U	**1.15**
MW-49D	08/19/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/26/2009	1.16	0.967 U	0.967 U	0.967 U	--	0.967	0.967 U	0.967 U	**0.803**
	04/06/2009	3.41	**1.20**	1.50	0.978 U	--	2.41	0.978 U	0.978 U	**1.86**
	08/14/2009	1.3	0.965 U	0.965 U	0.965 U	--	1.04	0.965 U	0.965 U	**0.816**
	01/12/2010	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	08/11/2010	2.46	0.973 U	0.973 U	0.973 U	--	2.37	0.973 U	0.973 U	**0.27**
	01/13/2011	2.16	0.966 U	0.966 U	0.966 U	--	1.85	0.966 U	0.966 U	**0.911**
	08/23/2011	3.31	0.979 U	0.979 U	0.979 U	--	3.27	0.979 U	0.979 U	**1.05**
	01/10/2012	3.35	0.954 U	1.02	0.954 U	--	3.13	0.954 U	0.954 U	**1.09**
MW-50S	08/19/2008	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	10/08/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/30/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/30/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-51D	08/12/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/26/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/06/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/13/2010	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	08/12/2010	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/13/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/10/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-52D	08/14/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	10/07/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/30/2009	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	04/09/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/18/2009	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2010	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/16/2010	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/20/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/30/2011	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/23/2012	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND
MW-53S	08/14/2008	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	10/07/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/28/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	04/10/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/18/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	01/20/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/16/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/18/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/11/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/17/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-53D	08/14/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	10/07/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/28/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/10/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/17/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/20/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/18/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/11/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/17/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
MW-55S	08/20/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/14/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/08/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/24/2014	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	--	0.943 UJ	0.943 UJ	0.943 UJ	ND
	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/15/2015	LE	LE	LE	LE	--	LE	LE	LE	--
	08/11/2016	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/16/2020	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/11/2021	1.15 U	1.15 U	1.15 U	1.15 U	--	1.15 U	1.15 U	1.15 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-55D	09/07/2010	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U	ND
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/06/2008	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/06/2009	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/25/2011	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U	ND
	01/11/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/14/2015	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2016	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/09/2018	0.472 U	0.472 U	0.472 U	0.472 U	--	0.472 U	0.472 U	0.472 U	ND
	01/15/2020	1.07 U	1.07 U	1.07 U	1.07 U	--	1.07 U	1.07 U	1.07 U	ND
	08/10/2021	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	10/06/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	10/06/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/27/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/27/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/07/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/07/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/06/2009	0.649 U	0.649 U	0.649 U	0.649 U	--	0.649 U	0.649 U	0.649 U	ND
	01/13/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/13/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/14/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/11/2012	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/11/2012	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/22/2014	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	07/23/2014	0.152 U	0.158 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.481 U	ND
	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.201 U	0.467 U	0.481 U	ND
	01/14/2015	0.942 U	0.942 U	0.942 U	0.942 U	--	0.942 U	0.942 U	0.942 U	ND
	01/14/2015	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	08/12/2016	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND
	01/09/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/15/2020	1.2 U	1.2 U	1.2 U	1.2 U	--	1.2 U	1.2 U	1.2 U	ND
	01/15/2020	1.14 U	1.14 U	1.14 U	1.14 U	--	1.14 U	1.14 U	1.14 U	ND
	08/10/2021	0.981 U	0.981 U	0.981 U	0.981 U	--	0.981 U	0.981 U	0.981 U	ND
	08/10/2021	0.997 U	0.997 U	0.997 U	0.997 U	--	0.997 U	0.997 U	0.997 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-58D	08/13/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	10/08/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/19/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/26/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/15/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--
EPA-5S	08/11/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/02/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/23/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/05/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/08/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/11/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/12/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/09/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/09/2012	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
EPA-5D	08/11/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	10/02/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/23/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/03/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/08/2010	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/12/2011	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/09/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/09/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
EPA-6S	08/18/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/07/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/29/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/10/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	08/12/2009	1.56 U	1.56 U	1.56 U	1.56 U	--	1.56 U	1.56 U	1.56 U	ND
	01/25/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/13/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/10/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/17/2012	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
EPA-6D	08/18/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	10/07/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/29/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	04/10/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	--	1.55 U	1.55 U	1.55 U	ND
	01/25/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/13/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/19/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/10/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/17/2012	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
RNWR Monitoring Wells (UWBZ)										
MW-30	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
USDFW-1	10/24/2003	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/28/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	02/01/2006	0.965 U	0.965 U	0.965 U	0.965 U	--	0.965 U	0.965 U	0.965 U	ND
	08/11/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/27/2007	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/28/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/21/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	02/03/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/28/2010	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--
	10/24/2003	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0189 U	0.0189 U	--	--	0.0944 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/28/2005	0.0192 U	0.0192 U	--	--	0.096 U	0.0192 U	0.0192 U	0.0192 U	ND
	02/01/2006	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U	ND
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/27/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/28/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/24/2003	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0195 U	0.0195 U	--	--	0.0973 U	0.0195 U	0.0195 U	0.0195 U	ND
	07/28/2005	0.0195 U	0.0195 U	--	--	0.0974 U	0.0195 U	0.0195 U	0.0195 U	ND
	02/01/2006	0.976 U	0.976 U	0.976 U	0.976 U	--	0.976 U	0.976 U	0.976 U	ND
	08/11/2006	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	--	0.949 UJ	0.949 UJ	0.949 UJ	ND
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/27/2007	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/28/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/11/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
RMW-2S	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/09/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	02/03/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	04/08/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/07/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/28/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/26/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	04/08/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/26/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/26/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	
	08/12/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 2 (LWBZ)										
MW-40	08/08/2002	0.25	0.096 U	0.096 U	0.096 U	--	0.23	0.096 U	0.096 U	**0.0945**
	01/23/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	04/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/11/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2005	0.0703	0.0189 U	--	--	0.0943 U	0.048	0.0189 U	0.0189 U	**0.0236**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/19/2009	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/29/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/25/2010	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/24/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	09/02/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/20/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-41	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/29/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	04/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/12/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	11/08/2004	0.048 U	0.048 U	0.048 U	0.048 U	--	0.048 U	0.048 U	0.048 U	ND
	01/27/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 2 Monitoring Wells (LWBZ)										
MW-22	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/23/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	08/03/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/10/2006	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/22/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-33	08/07/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/19/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/20/2005	0.0189 U	0.0189 U	--	--	0.0945 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	0.0189 UR	0.0189 UR	--	--	0.0947 UR	0.0189 UR	0.0189 UR	0.0189 UR	ND
	01/20/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/04/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/19/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/09/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/15/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/11/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/09/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-34	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	0.019 U	0.019 U	--	--	0.095 U	0.019 U	0.019 U	0.019 U	ND
	01/23/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/07/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/18/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/10/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/16/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-35	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/25/2004	0.20 U	0.20 U	0.20 U	0.20 U	--	0.20 U	0.20 U	0.20 U	ND
	01/24/2005	--	--	--	--	--	--	--	--	--
	07/20/2005	0.019 UR	0.019 UR	--	--	0.0951 UR	0.019 UR	0.019 UR	0.019 UR	ND
	01/24/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/08/2006	1.02 U	1.02 U	1.02 U	1.02 U	--	1.02 U	1.02 U	1.02 U	ND
	01/24/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/14/2007	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/18/2008	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/14/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/30/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/18/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/22/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/20/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/29/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/18/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
MW-36	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/26/2004	0.1	0.095 U	0.095 U	0.095 U	--	0.16	0.095 U	0.095 U	**0.078**
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/08/2006	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/24/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/15/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/22/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/19/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/26/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/16/2010	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/21/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/30/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-37	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	04/29/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0951 U	0.019 U	0.019 U	0.019 U	ND
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/09/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/17/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/23/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/20/2008	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/31/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
MW-54	08/12/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	10/06/2008	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/05/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/13/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/13/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/10/2012	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
MW-55	08/14/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/03/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/12/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/08/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/12/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-56	08/21/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	10/08/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/12/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--
	08/11/2016	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/15/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--
MW-59	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/29/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/20/2011	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U	ND
	08/29/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/13/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/10/2018	0.478 U	0.478 U	0.478 U	0.478 U	--	0.478 U	0.478 U	0.478 U	ND
MW-62	09/08/2010	0.985 U	0.985 U	0.985 U	0.985 U	--	0.985 U	0.985 U	0.985 U	ND
	01/14/2011	1.24	1.07	0.951 U	1.41	--	1.29	1.04	0.989	**1.60**
	08/25/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/11/2012	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/22/2014	--	--	--	--	--	--	--	--	--
	07/22/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
	08/10/2021	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL (ug/L)		NV	NV	NV	NV	NV	NV	NV	NV	0.012
RNWR Monitoring Well (LWBZ)										
MW-60	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	0.989	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	04/08/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/07/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/25/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
MW-61	09/03/2010	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/02/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/06/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	07/22/2014	--	--	--	--	--	--	--	--	--
	01/12/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/05/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/15/2020	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--
MW-63	09/20/2012	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	--	1.03 UJ	1.03 UJ	1.03 UJ	ND
	08/14/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	07/22/2014	0.152 U	0.157 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.48 U	ND
	01/12/2015	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U	ND
	01/05/2018	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND
	01/16/2020	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	08/11/2021	0.992 U	0.992 U	0.992 U	0.992 U	--	0.992 U	0.992 U	0.992 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
SVOCs (ug/L)															
Cell 1 (UWBZ)															
MW-7	08/12/2002	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.62	0.096 U	0.096 U	0.096 U	0.32
	01/26/2004	1.6	--	0.49	2.9	0.11	0.32	0.10 U	--	2.2	0.9	1.2	45	0.43	0.59
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.17	0.096 U	--	0.33	0.24	0.096 U	0.097	0.096 U	0.16
	08/09/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.13	0.096 U	0.096 U	0.096 U	0.096 U
	10/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.76	0.096 U	0.096 U	0.096 U	0.54
	01/26/2005	**66.2**	**74.7**	**55.1**	152	5.15	14	0.19 U	14.2 U	**58.3**	18.5	67.5	**1580**	76.4	12.9
	07/25/2005	2.22	0.285 U	0.0475 U	39.5	1.27	0.455	0.0225	1.42 U	3.41	8.57	1.27	0.0475 U	0.127 U	4.9
	01/27/2006	9.09	**9.69**	1.65	13.0	0.948 U	2.06	0.948 U	0.948 U	**8.8**	9.25	12.3	115	1.81	5.84
	08/10/2006	18.8	**17.7**	22.2	12.8	1.21	3.21	0.958 U	0.958 U	**11.7**	15.5	17.2	**263**	37.9	10.3
	01/25/2007	6.91	**5.00**	5.57	7.97	0.967 U	2.50	0.967 U	0.967 U	**9.73**	9.02	17.7	40.4	24.7	5.97
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	**32.4**	**15.2**	21.3	13.7	2.32	1.71	0.954 U	0.954 U	**4.77**	4.36	19.7	45.6	21.9	2.66
	02/04/2009	1.84	0.952 U	0.990	0.952 U	0.952 U	1.17	0.952 U	0.952 U	2.21	3.29	9.66	0.971	12.2	2.16
	08/19/2009	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/26/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.29	0.951 U	0.951 U	3.80	3.67	0.951 U	1.33	1.15	2.28
	08/24/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.09	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2011	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.25	0.958 U	0.958 U	1.74	1.57	0.958 U	0.958 U	1.22	0.958 U
	09/01/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
MW-8S	08/13/2002	4	--	0.096 U	4.9	0.16	0.2	0.096 U	--	**11**	0.12	1.5	39	0.27	0.72
MW-42	08/12/2002	**87**	--	**480**	230	16	14	0.97 U	--	**6.7**	12	91	**6500**	77	7.5
	01/23/2004	**87**	--	**91**	160	6.9	12	0.95 U	--	**130**	9.7	82	**3000**	71	6.5
	04/30/2004	**140**	--	**660**	280	18	13	0.096 U	--	**320**	10	110	**15000**	87	9.6 U
	08/10/2004	**150**	--	**800**	310	18	13	0.96 U	--	**370**	11	120	**12000**	98	7
	10/27/2004	**110**	--	**520**	210	11	17	0.48 U	--	**190**	7.9	80	**8000**	83	5.2
	01/26/2005	26.6	**59.7**	**135**	66.7	3.64	7.28	0.191 U	14.4 U	**182**	3.98	24	**2350**	25.7	1.96
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	23.2	**40.2**	25.6	40.6	1.79	4.59	0.953 U	0.953 U	**12.3**	6.02	21.4	**416**	27.7	4.33
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-43	08/12/2002	**120**	--	**680**	290	16	27	0.96 U	--	**260**	17	120	**8400**	110	11
	01/23/2004	**190**	--	**460**	320	11	23	0.95 U	--	**150**	19	180	**3500**	160	13
	04/30/2004	**200**	--	**580**	370	13	25	0.096 U	--	**170**	23	180	**5800**	190	16
	08/11/2004	**140**	--	**220**	250	8.5	22	0.96 U	--	**20**	38	140	**1300**	140	27
	10/27/2004	**49**	--	**36**	71	1.7	14	0.48 U		**51**	30	48	**1200**	91	21
	01/27/2005	12.8	**23.6**	**49.6**	27.6	9.21	4.61	0.189 U	14.2 U	**187**	0.693	13.7	**1600**	7.38	0.189 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	**75.1**	**114**	**64.1**	145	4.77	27.1	0.955 U	0.955 U	**52.0**	37.0	77.8	**944**	132	24.1
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	**69**	--	**310**	170	5.2	16	0.96 U	--	**130**	12	76	**2900**	77	7.8
	01/23/2004	**870**	--	**1900**	**1600**	48 U	390	12	--	**180**	**1000**	**1000**	**14000**	2200	**760**
	04/29/2004	**140**	--	**410**	260	4.7	38	1.5	--	**87**	90	140	**9000**	300	91
	08/11/2004	**1100**	--	**2700**	**2000**	40	520	18	--	**43**	**1600**	**1200**	**14000**	3000	**1200**
	10/29/2004	**5300**	--	**9400**	**5700**	160	1900	83	--	**740**	**5300**	**4100**	**42000**	11000	**4100**
	01/27/2005	**239**	**287**	**608**	467	11.2	14.5	1.92 U	144 U	**117**	11.8	166	**3570**	104	7.81
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	**73.5**	**97.5**	**122**	135	3.84	24.6	0.951 U	0.951 U	**55.8**	30.4	91.2	**947**	140	16.6
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	**271**	**71.1**	**152**	346	9.49	231	19.8	4.66	**84.8**	**1490**	599	64.7	2240	**1110**
	08/19/2009	**50.6**	**26.8**	**42.5**	64.5	2.58	40.8	0.972 U	0.972 U	**117**	233	75.1	**249**	368	160
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	3.59	1.49	1.98	7.21	0.963 U	14.5	0.963 U	0.963 U	**7.40**	64.5	18.7	2.19	73.7	53.2
	01/24/2011	0.961 U	0.961 U	0.961 U	1.95	0.961 U	2.74	0.961 U	0.961 U	3.32	11	4.73	0.961 U	10.1	6.32
	09/02/2011	1.6	0.961 U	1.34	1.86	0.961 U	3.93	1.27	0.961 U	3.24	37.3	11.3	2.98	14.4	32.8
	01/20/2012	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	4.03	0.959 U	0.959 U	0.959 U	3.07
Cell 2 Monitoring Wells (UWBZ)															
E-4	07/12/2007	22.8	**9.19**	5.06	38.2	1.12	16.1	0.968 U	0.968 U	**11.8**	76.1	36.6	12.3	59.6	55.3
	09/13/2007	**41.4**	**27.8**	**33.2**	50.2	2.72	28.7	0.976 U	0.976 U	**50.3**	172	46.2	132	265	64.6
	02/12/2008	23.0	**21.3**	24.9	50.5	1.12	27.2	0.963 U	0.963 U	**11.4**	75.3	75.0	36.8	163	51.2
	08/22/2008	1.18	0.961 U	0.961 U	2.57	0.961 U	2.71	0.961 U	0.961 U	2.88	18.5	7.25	2.44	9.64	13.3
	01/13/2009	2.17	1.04	0.947 U	5.51	0.947 U	2.80	0.947 U	0.947 U	**5.17**	16.7	7.07	8.58	6.93	11.2

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
EPA-4S	09/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	10/02/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	02/10/2009	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	04/16/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/29/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/24/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/01/2011	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U
	01/24/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
EPA-4D	09/03/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	10/02/2008	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	02/10/2009	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U
	04/16/2009	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/29/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/24/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	09/01/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
MW-4	05/07/2004	1.1	--	0.1	65	0.24	0.28	0.096 U	--	0.49	0.19	15	1.1	0.096 U	0.13
	07/29/2004	0.57	--	0.096 U	40	0.18	0.2	0.096 U	--	0.59	0.1	9.5	0.49	0.096 U	0.096 U
	10/22/2004	1.7	--	0.14	64	0.43	0.26	0.096 U	--	0.65	0.14	21	0.52	0.096 U	0.1
	01/24/2005	1.1	0.288 U	0.048 U	60	0.395	0.363	0.0192 U	1.44 U	0.192 U	0.121	10.4	0.048 U	0.0192 U	0.175
	07/20/2005	0.194	**23.4**	0.0473 U	28	0.0939	0.0804	0.0189 U	1.42 U	0.385	0.045	0.0189 U	0.595	0.0564	0.0332
	01/23/2006	0.949 U	**20.7**	0.949 U	39.2	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	10.7	0.949 U	0.949 U	0.949 U
	08/08/2006	1.01 U	**12.7**	1.01 U	14.3	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.35	1.01 U	1.01 U	1.01 U
	01/24/2007	0.952 U	**36.4**	0.952 U	43.9	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	14.6	0.952 U	0.952 U	0.952 U
	08/14/2007	0.951 U	**30.2**	0.951 U	34.4	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	9.91	0.951 U	0.951 U	0.951 U
	01/17/2008	0.949 U	**27.9**	0.949 U	38.6	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	11.3	0.949 U	0.949 U	0.949 U
	08/13/2008	0.948 U	**14.5**	0.948 U	17.2	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	4.24	0.948 U	0.948 U	0.948 U
	01/29/2009	0.944 U	**16.4**	0.944 U	27.2	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	8.51	2.25	0.944 U	0.944 U
	08/18/2009	0.951 U	**16.5**	0.951 U	23.3	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	7.09	0.951 U	0.951 U	0.951 U
	01/19/2010	0.945 U	**21.9**	0.945 U	40.9	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	12.1	0.945 U	0.945 U	0.945 U
	08/13/2010	0.95 U	**22.4**	0.95 U	34.6	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	11.6	0.95 U	0.95 U	0.95 U
	01/20/2011	0.951 U	**40**	0.951 U	52.6	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	18	0.951 U	0.951 U	0.951 U
	08/26/2011	0.954 U	**16.4**	0.954 U	22.9	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	7.27	0.954 U	0.954 U	0.954 U
	01/13/2012	0.951 U	**38.6**	0.951 U	43.8	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	14.2	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-5	01/26/2004	0.095 U	--	0.095 U	17	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	2.8	0.32	0.095 U	0.095 U
	05/07/2004	0.096 U	--	0.096 U	34	0.1	0.16	0.096 U	--	0.096 U	0.096 U	5.2	0.46	0.096 U	0.096 U
	07/29/2004	0.096 U	--	0.096 U	29	0.12	0.12	0.096 U	--	0.096 U	0.096 U	5	2.3	0.096 U	0.096 U
	10/22/2004	0.096 U	--	0.096 U	39	0.18	0.29	0.096 U	--	0.096 U	0.096 U	4.2	0.096 U	0.096 U	0.096 U
	01/24/2005	1.89 U	--	0.473 U	40.1	0.189 U	0.289	0.189 U	14.2 U	1.89 U	0.189 U	5.21	0.473 U	0.189 U	0.189 U
	07/20/2005	0.191 U	**11.3**	0.0478 U	34.9	0.0893	0.0844	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.189	0.112	0.0191 U
	01/24/2006	0.952 U	**7.31**	0.952 U	27.2	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.32	0.952 U	0.952 U	0.952 U
	08/08/2006	1.01 U	**5.09**	1.01 U	22.8	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.62	1.01 U	1.01 U	1.01 U
	01/24/2007	0.953 U	**4.42**	0.953 U	26.8	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	4.25	0.953 U	0.953 U	0.953 U
	08/14/2007	0.946 U	**4.54**	0.946 U	23.8	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	3.68	0.946 U	0.946 U	0.946 U
	01/17/2008	0.952 U	**5.75**	0.952 U	31.4	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.72	3.59	0.952 U	0.952 U
	08/13/2008	0.951 U	**6.90**	0.951 U	30.5	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.56	2.10	0.951 U	0.951 U
	01/29/2009	0.946 U	**6.07**	0.946 U	30.0	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	3.92	0.946 U	0.946 U	0.946 U
	08/18/2009	0.947 U	**5.09**	0.947 U	31.2	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.85	0.947 U	0.947 U	0.947 U
	01/22/2010	0.947 U	**2.04**	0.947 U	37.9	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.54	0.947 U	0.947 U	0.947 U
	08/13/2010	0.946 U	0.946 U	0.946 U	21.2	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.85	0.946 U	0.946 U	0.946 U
	01/20/2011	0.952 U	0.952 U	0.952 U	41.1	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	3.23	0.952 U	0.952 U	0.952 U
	08/26/2011	0.951 U	0.951 U	0.951 U	26.3	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.21	0.951 U	0.951 U	0.951 U
	01/13/2012	0.953 U	0.953 U	0.953 U	21.4	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
PZ-06	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.84	0.952 U	0.952 U
	01/16/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/12/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.949 U	0.958	0.949 U	3.1	1.01	2.93	1.05	2.87	1.35	2.65	0.949 U	0.949 U	2.99	1.02
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/10/2012	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
MW-10	08/06/2002	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/14/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-13	08/08/2002	0.097 U	--	0.097 U	4.5	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.17	0.097 U
	01/26/2004	0.095 U	--	0.095 U	8	0.095 U	0.17	0.095 U	--	0.095 U	0.12	0.16	0.2	0.27	0.097
	05/05/2004	0.10 U	--	0.10 U	6.4	0.10 U	0.14	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	0.22	0.10 U
	07/28/2004	0.096 U	--	0.096 U	5.7	0.096 U	0.11	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.22	0.096 U
	10/20/2004	4.2	--	4.7	18	0.32	0.43	0.096 U	--	1.5	0.38	3.9	24	7	0.28
	01/21/2005	0.535	0.538	0.482	9.96	0.019 U	0.392	0.019 U	1.42 U	0.19 U	0.341	0.89	1.53	1.96	0.244
	07/20/2005	0.191 U	0.286 U	0.0477 U	8.24	0.0378	0.0807	0.0191 U	1.43 U	0.191 U	0.115	0.0757	0.0651	0.478	0.121
	01/23/2006	0.952 U	0.952 U	0.952 U	5.22	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/07/2006	0.951 U	0.951 U	0.951 U	4.83	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/23/2007	0.949 U	0.949 U	0.949 U	4.86	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/09/2007	0.95 U	0.95 U	0.95 U	5.20	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/15/2008	0.955 U	0.955 U	0.955 U	4.69	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/11/2008	0.949 U	0.949 U	0.949 U	4.65	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/23/2009	**61.7**	**166**	**216**	156	0.95 U	5.68	0.95 U	**6.79**	**7.30**	2.89	53.7	**1220**	31.5	1.79
	08/14/2009	23	**49.4**	**55.6**	56.1	0.951 U	1.56	0.951 U	2.64	1.61	1.57	20.6	**290**	12.9	0.951 U
	01/11/2010	**47.9**	**103**	**128**	140	0.951 U	2.83	0.951 U	3.85	1.10	2.25	45.1	**379**	24.6	1.64
	08/11/2010	**35.2**	**40.6**	21.3	85.3	2.96	1.77	0.952 U	1.77	0.952 U	0.952 U	31.1	51.5 B	4.32	0.952 U
	01/12/2011	21.2	**31.7**	20.9	51	0.956 U	1.21	0.956 U	0.956 U	0.956 U	0.956 U	19	36.6	7.05	0.956 U
	08/23/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/09/2012	18.8	**20.1**	6.1	54.8	0.97 U	1.12	0.97 U	0.97 U	0.97 U	0.97 U	18.5	2.39	5.47	0.97 U
MW-14	08/08/2002	0.096 U	--	0.096 U	0.17	0.096 U	0.096 U	0.096 U	--	0.1	0.096 U	0.096 U	0.096 U	0.18	0.096 U
	01/22/2004	0.096 U	--	0.096 U	0.35	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/04/2004	0.096 U	--	0.096 U	0.27	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	07/28/2004	0.096 U	--	0.096 U	0.32	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/20/2004	0.096 U	--	0.096 U	0.4	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/21/2005	0.191 U	0.286 U	0.0477 U	0.442	0.0191 U	0.0767	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.0477 U	0.0191 U	0.0191 U
	07/20/2005	0.19 U	0.285 U	0.0474 U	0.356	0.019 U	0.019 U	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0474 U	0.0238	0.019 U
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-15	08/08/2002	15	--	0.096 U	0.22	0.12	0.22	0.096 U	--	**59**	0.096 U	0.85	0.38	1.6	0.096 U
	01/21/2004	15	--	0.096 U	0.096 U	0.28	2.0 U	0.096 U	--	**45**	0.096 U	0.92	0.29	2.0 U	0.096 U
	05/05/2004	21	--	0.096 U	0.12	0.25	0.51	0.096 U	--	**60**	0.096 U	1.5	0.45	1.7	0.096 U
	07/28/2004	11	--	0.096 U	0.12	0.16	0.42	0.096 U	--	**34**	0.096 U	1.7	0.35	1.8	0.096 U
	10/20/2004	26	--	0.097 U	0.17	0.19	0.47	0.097 U	--	**62**	0.097 U	1.8	0.52	1.8	0.097 U
	01/21/2005	21.1	**1.92**	0.0481 U	0.0192 U	1.19	0.0192 U	0.0192 U	1.44 U	**58**	0.0192 U	1.6	0.568	0.0192 U	0.0192 U
	07/20/2005	21.5 J	**3.5 J**	0.479 UR	0.543 J	0.222 J	0.228 J	0.192 UR	14.4 UR	**74.8 J**	0.192 UR	2.18 J	0.773 J	1.83 J	0.192 UR
	01/23/2006	18.5	**10.1**	0.949 U	2.01	0.949 U	0.949 U	0.949 U	0.949 U	**62.9**	0.949 U	1.46	2.32	2.46	0.949 U
	08/07/2006	11.7	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	**37.3**	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U
	01/18/2007	12.5	**2.95**	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**37.2**	0.955 U	1.43	0.955 U	0.955 U	0.955 U
	08/10/2007	9.83	1.01	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**25.1**	0.95 U	1.87	0.95 U	0.95 U	0.95 U
	01/16/2008	9.53	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**24.8**	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2008	7.60	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**15.0**	0.957 U	1.52	0.957 U	0.957 U	0.957 U
	09/03/2008	7.15	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**16.0**	0.948 U	1.55	0.948 U	0.948 U	0.948 U
	01/26/2009	9.83	**1.55**	1.39	2.24	0.945 U	0.945 U	0.945 U	0.945 U	**18.1**	0.945 U	2.88	6.62	0.945 U	0.945 U
	08/17/2009	7.83	**2.83**	2.49	4.31	0.946 U	0.946 U	0.946 U	0.946 U	**7.01**	0.946 U	2.89	12.4	0.946 U	0.946 U
	01/12/2010	4.70	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.62	0.947 U	0.994	0.947 U	0.947 U	0.947 U
	08/11/2010	1.36	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/13/2011	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/23/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/10/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-16	08/07/2002	1	--	0.78	2.3	0.15	0.38	0.11 U	--	1.6	0.47	1.5	32	1.5	0.39
	01/23/2004	1.5	--	0.7	2.8	0.12	0.44	0.095 U	--	1.7	0.22	1.9	14	0.45	0.14
	05/06/2004	2	--	1.6	3.8	0.27	0.53	0.096 U	--	1.6	0.21	2.2	24	0.57	0.14
	07/30/2004	1.4	--	0.67	2.7	0.096 U	0.46	0.096 U	--	1.7	0.2	1.7	0.2	0.49	0.13
	10/26/2004	1.7	--	0.49	3.2	0.23	0.75	0.096 U	--	1.4	0.28	2	7.8	0.25	0.19
	01/25/2005	0.959	**3.83**	0.706	1.71	0.019 U	0.881	0.019 U	1.42 U	1.15	0.21	1.79	0.0474 U	0.328	0.019 U
	07/25/2005	1.7	**8.1**	0.77	3.33	0.189	0.306	0.019 U	1.43 U	1.37 U	0.238	2.1	10.3	0.384 U	0.166
	01/25/2006	1.48	**5.07**	0.947 U	2.55	0.947 U	0.947 U	0.947 U	0.947 U	1.67	0.947 U	1.69	8.00	0.947 U	0.947 U
	08/10/2006	1.36	**3.26**	0.95 U	2.42	0.95 U	0.95 U	0.95 U	0.95 U	0.978	0.95 U	1.54	1.47	0.95 U	0.95 U
	01/25/2007	1.32	**1.92**	0.951 U	2.43	0.951 U	0.951 U	0.951 U	0.951 U	1.16	0.951 U	2.01	2.48	0.951 U	0.951 U
	08/16/2007	1.52	**3.05**	0.95 U	3.06	0.95 U	0.95 U	0.95 U	0.95 U	1.07	0.95 U	1.84	1.36	0.95 U	0.95 U
	01/22/2008	1.26	**1.89**	0.954 U	2.40	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.54	1.56	0.954 U	0.954 U
	08/19/2008	1.39	0.949 U	0.949 U	2.94	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.74	0.949 U	0.949 U	0.949 U
	01/30/2009	1.11	0.947 U	0.947 U	2.15	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.30	0.947 U	0.947 U	0.947 U
	08/12/2009	1.54 U	1.54 U	1.54 U	1.81	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
	01/21/2010	0.946 U	0.946 U	0.946 U	1.66	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.05	0.946 U	0.946 U	0.946 U
	08/17/2010	0.95 U	0.95 U	0.95 U	1.35	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/21/2011	1.19	0.953 U	0.953 U	2.81	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.78	0.953 U	0.953 U	0.953 U
	08/30/2011	0.956 U	0.956 U	0.956 U	2.38	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.57	0.956 U	0.956 U	0.956 U
	01/19/2012	0.952 U	0.952 U	0.952 U	1.58	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.99	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-17	08/07/2002	0.11 U	--	0.11 U	1.2	0.11 U	0.11 U	0.11 U	--	0.11 U	0.4	0.67	0.15	0.11 U	0.25
	01/26/2004	0.097 U	--	0.14	1.5	0.097 U	0.15	0.097 U	--	0.097 U	0.097 U	0.62	1.6	0.097 U	0.097 U
	05/06/2004	0.096 U	--	0.096 U	1.4	0.096 U	0.2	0.096 U	--	0.096 U	0.12	0.55	0.28	0.096 U	0.096 U
	07/30/2004	0.096 U	--	0.096 U	1.6	0.096 U	0.21	0.096 U	--	0.096 U	0.35	0.86	0.096 U	0.096 U	0.18
	10/26/2004	0.096 U	--	0.096 U	1.8	0.096 U	0.098	0.096 U	--	0.096 U	0.1	0.7	0.096 U	0.096 U	0.096 U
	01/24/2005	0.189 U	0.283 U	0.0472 U	1.84	0.0189 U	0.36	0.0189 U	1.42 U	0.189 U	0.384	0.942	0.165	0.0189 U	0.317
	07/25/2005	0.19 U	0.286 U	0.194	1.98	0.019 U	0.113	0.019 U	1.43 U	0.19 U	0.789	1.03	2.45	0.124 U	0.479
	01/24/2006	0.951 U	0.951 U	0.951 U	1.53	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2006	1.01 U	1.01 U	1.01 U	1.45	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.12	1.01 U	1.01 U
	01/24/2007	0.951 U	0.951 U	0.951 U	1.04	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/15/2007	0.948 U	0.948 U	0.948 U	1.42	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/18/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.10	0.951 U	0.951 U
MW-18	07/29/2004	**160**	--	**1200**	340	9.6 U	12	0.096 U	--	**210**	9.6 U	130	**20000**	86	9.6 U
	07/25/2005	**155**	**464**	**885**	326	7.66	12.9	1.9 U	143 U	**228**	10.5	128	**16900**	101	7.59
	01/24/2006	**106**	**320**	**539**	208	5.54	8.24	0.951 U	0.951 U	**192**	11.8	64.5	**7820**	59.9	6.94
	08/08/2006	NS	**NS**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	**94.7**	**305**	**551**	224	5.64	10.5	0.954 U	0.954 U	**174**	11.7	78.4	**8670**	61.2	11.0
	08/15/2007	**59.8**	**253**	**408**	159	0.95 U	7.68	0.95 U	0.95 U	**135**	8.12	48.5	**5740**	38.8	4.75
	01/18/2008	**170**	**487**	**915**	343	5.03	8.29	0.952 U	0.952 U	**267**	6.00	88.0	**12000**	64.2	4.65
MW-21	08/08/2002	**48**	--	**140**	52	1	1	0.097 U	--	**110**	0.097 U	25	**3800**	16	0.097 U
	05/06/2004	**53**	--	27	87	1.3	3.2	0.096 U	--	**88**	0.2	41	**3900**	23	0.17
	07/30/2004	31	--	0.84	51	1.1	2.4	0.096 U	--	**21**	0.17	25	**350**	12	0.12
	10/26/2004	**34**	--	0.52	53	1.3	2.7	0.48 U	--	**46**	0.48 U	26	**1000**	16	0.48 U
	01/25/2005	11.3	**33.8**	1.88	19.3	0.628	1.99	0.189 U	14.2 U	**21.3**	0.189 U	12.3	**867**	9.43	0.189 U
	07/25/2005	**37**	**125**	**59.7**	67.9	1.9 U	2.11	1.9 U	143 U	**31.9**	1.9 U	32.6	**2760**	18.1	1.9 U
	01/25/2006	25.7	**51.1**	5.05	42.8	0.951 U	1.60	0.951 U	0.951 U	**30.2**	0.951 U	22.5	**491**	15.9	0.951 U
	08/10/2006	11.8	**4.92**	0.949 U	22.6	0.949 U	0.949 U	0.949 U	0.949 U	**12.8**	0.949 U	1.68	0.949 U	2.64	0.949 U
	01/25/2007	**33.7**	**11.1**	2.10	64.9	1.02	1.15	0.95 U	0.95 U	**22.3**	0.95 U	4.55	36.3	2.35	0.95 U
	08/16/2007	8.47	0.952 U	0.952 U	1.10	0.952 U	0.952 U	0.952 U	0.952 U	**11.3**	0.952 U	1.89	1.95	0.952 U	0.952 U
	01/22/2008	12.0	0.958 U	0.958 U	1.73	0.958 U	0.958 U	0.958 U	0.958 U	**16.4**	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/19/2008	7.26	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.71	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/30/2009	2.29	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/19/2012	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	2.29	0.963 U	0.963 U	0.963 U	1.92
	08/12/2009	1.56	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/21/2010	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/17/2010	10.2	**2.49**	2.32	20.7	1.12	1.76	0.962 U	0.962 U	**16.8**	9.66	11.1	22.5 B	1.91	4.64
	01/21/2011	0.96 U	0.96 U	0.96 U	1.16	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	3.18	0.96 U	8.49	0.96 U	2.16
	08/30/2011	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	5.2	0.959 U	0.959 U	0.959 U	3.6

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-23	08/06/2002	0.097 U	--	0.2	0.097 U	0.29	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.12	0.097 U	0.097 U
	01/22/2004	0.096 U	--	0.096 U	0.096 U	0.27	0.35	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/03/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.29	0.096 U	--	0.096 U	0.096 U	0.096 U	0.8	0.096 U	0.096 U
	07/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.11	0.096 U	0.096 U
	10/19/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.12 U	0.096 U	0.096 U
	01/21/2005	0.19 U	0.285 U	2.14	0.019 U	0.019 U	0.334	0.019 U	1.43 U	0.19 U	0.019 U	0.019 U	0.0475 U	0.019 U	0.019 U
	07/20/2005	0.192 UR	0.288 UR	0.0479 UR	0.0192 UR	0.219 J	0.0306 J	0.0192 UR	1.44 UR	0.192 UR	0.0192 UR	0.0192 UR	0.0479 UR	0.0214 J	0.0244 J
	01/20/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/07/2006	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/09/2007	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/15/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/11/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.89	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.27	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/27/2004	0.91	--	0.096 U	0.096 U	0.096 U	0.24	0.096 U	--	0.11	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	04/29/2004	0.74	--	0.096 U	0.096 U	0.096 U	0.22	0.096 U	--	0.13	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	1	--	0.096 U	0.096 U	0.096 U	0.16	0.096 U	--	0.38	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/22/2004	2.6	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.98	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/26/2005	1.55	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.205	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.811	0.286 U	0.0477 U	0.0191 U	0.0191 U	0.06 U	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.0628	0.0352 U	0.0191 U
	01/26/2006	1.25	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/09/2006	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/17/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/27/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/31/2011	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-26	01/26/2004	**180**	--	**1100**	370	8	10	0.95 U	--	**160**	5.3	130	**15000**	100	3.5
	05/05/2004	**140**	--	**1100**	310	8.6	8.9	2.0 U	--	**140**	4.8	99	**16000**	86	3
	07/29/2004	**160**	--	**1200**	350	9.6 U	11	0.096 U	--	**170**	9.6 U	120	**16000**	100	4.8
	10/25/2004	**150**	--	**950**	320	2.8	4	0.20 U	--	**150**	2.7	100	**14000**	88	1.9
	01/24/2005	**102**	2.85 U	**920**	257	4.89	12.1	0.345	14.2 U	**153**	13.9	89.1	**11000**	109	11.8
	07/25/2005	**136**	**478**	**818**	1.9 U	7.17	7.22	1.9 U	143 U	**148**	3.71	103	**10300**	74.9	2.1
	01/24/2006	**91.4**	**331**	**547**	197	4.62	6.47	0.947 U	0.947 U	**109**	3.31	72.3	**6490**	59.5	1.75
	08/08/2006	**96.6**	**394**	**668**	240	4.69	8.88	1.01 U	1.01 U	**128**	8.11	79.6	**7360**	70.8	5.42
	01/24/2007	**85.4**	**341**	**578**	215	4.51	5.04	0.957 U	0.957 U	**114**	3.69	71.0	**6930**	56.6	2.49
	08/15/2007	**48.4**	**217**	**335**	84.9	0.948 U	4.21	0.948 U	0.948 U	**55.4**	2.43	40.7	**4360**	30.4	1.28
	01/18/2008	**143**	**496**	**886**	310	6.86	9.19	0.96 U	0.96 U	**143**	6.09	103	**10800**	92.4	4.29
	08/15/2008	**75.4**	**488**	**672**	246	5.32	6.17	1 U	1 U	**90.0**	4.02	55.8	**10400**	48.4	2.31
	01/28/2009	**76.4**	**284**	**372**	228	6.29	10.7	0.947 U	0.947 U	**75.0**	13.5	69.6	**6620**	64.4	9.40
	08/18/2009	**94.4**	**361**	**536**	249	3.51	8.33	0.951 U	0.951 U	**126**	7.52	76	**8710**	81.1	5.25
	01/25/2010	**154**	**514**	**921**	311	7.30	14.0	0.951 U	0.951 U	**181**	13.8	90.1	**13600**	75.4	11.2
	08/16/2010	**54.1**	**346**	**590**	187	2.34	6.71	0.952 U	0.952 U	**85.3**	7.32	43.4	**7640**	44.8	5.35
	01/20/2011	**92.1**	**552**	**946**	269	6.84	9.23	0.957 U	0.957 U	**167**	6.38	68.7	**12700**	64.3	3.94
	08/30/2011	**46.9**	**271**	**450**	155	4.41	5.61	0.956 U	0.956 U	**120**	4.64	39.4	**4640**	30.2	2.99
	01/23/2012	**87.3**	**175**	**335**	123	4.2	7.94	0.956 U	0.956 U	**70.5**	5.03	62.7	**1930**	57.2	3.8
MW-27	01/26/2004	0.65	--	16	7.3	0.095 U	0.11	0.095 U	--	0.83	0.095 U	0.76	**1200**	0.095 U	0.095 U
	05/07/2004	0.56	--	19	7.9	0.096 U	0.13	0.096 U	--	0.81	0.096 U	0.67	**1500**	0.096 U	0.096 U
	07/29/2004	0.48	--	13	5.7	0.096 U	0.096 U	0.096 U	--	0.82	0.096 U	0.56	**1000**	0.096 U	0.096 U
	10/20/2004	0.56	--	15	6.9	0.096 U	0.096 U	0.096 U	--	0.9	0.096 U	0.67	**1100**	0.096 U	0.096 U
	01/21/2005	1.89 U	**11.3**	15.2	7.75	0.189 U	0.266	0.189 U	14.2 U	1.89 U	0.189 U	0.889	**913**	0.189 U	0.189 U
	07/20/2005	0.709	**10.2**	14.3	6.47	0.0761	0.0741	0.0192 U	1.44 U	1.23	0.0192 U	0.833	**984**	0.0253	0.0192 U
	01/23/2006	0.951 U	**9.35**	12.1	5.76	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**644**	0.951 U	0.951 U
	08/07/2006	0.951 U	**7.10**	9.50	4.49	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**518**	0.951 U	0.951 U
	01/24/2007	0.95 U	**6.93**	9.63	5.00	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**538**	0.95 U	0.95 U
	08/14/2007	0.951 U	**8.32**	10.7	5.39	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**372**	0.951 U	0.951 U
	01/17/2008	0.96 U	**10.9**	13.1	6.54	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**706**	0.96 U	0.96 U
	01/22/2010	0.945 U	**6.75**	8.73	5.09	0.945 U	0.945 U	0.945 U	1.06	0.945 U	0.945 U	0.945 U	**871**	0.945 U	0.945 U
	08/29/2011	0.953 U	**7.87**	9.25	5.63	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.991	**331**	0.953 U	0.953 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-38	08/07/2002	0.4	--	0.12	0.56	0.097 U	0.18	0.097 U	--	1.5	0.097 U	0.12	0.94	0.097 U	0.097 U
	08/07/2002	0.39	--	0.11	0.59	0.097 U	0.097 U	0.097 U	--	1.3	0.097 U	0.13	0.46	0.097 U	0.097 U
	01/27/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.31	0.095 U	--	0.097	0.095 U	0.095 U	0.095	0.095 U	0.095 U
	01/27/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.32	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	05/06/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.28	0.097 U	--	0.17	0.097 U	0.097 U	0.16	0.097 U	0.097 U
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.27	0.096 U	--	0.17	0.096 U	0.096 U	0.15	0.096 U	0.096 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.22	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/29/2004	2.6	--	0.096 U	1.3	0.096 U	0.23	0.096 U	--	1.4	0.096 U	0.39	0.17	0.096 U	0.096 U
	10/29/2004	3	--	0.096 U	1.5	0.096 U	0.26	0.096 U	--	1.5	0.096 U	0.47	0.17	0.096 U	0.096 U
	01/25/2005	0.189 U	0.283 U	0.0471 U	0.0189 U	0.0646	1.14	0.0189 U	1.41 U	0.189 U	0.0189 U	0.308	0.0471 U	0.0189 U	0.0189 U
	01/25/2005	0.189 U	0.283 U	0.0471 U	0.0189 U	0.0741	1.25	0.0189 U	1.41 U	0.189 U	0.0189 U	0.338	0.0471 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.286 U	0.0476 U	0.583	0.146	0.168	0.019 U	1.43 U	0.19 U	0.019 U	0.019 U	0.283	0.0407 U	0.0232 U
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/10/2006	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.37	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.07	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	02/02/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	02/02/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
	08/12/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/21/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.42 B	0.951 U	0.951 U
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.67 B	0.951 U	0.951 U
	01/21/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.42
	08/31/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.96	0.957 U	0.957 U	0.957 U	3.36
	08/31/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	2.04	0.954 U	0.954 U	0.954 U	3.55
	01/19/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	3.37	0.958 U	0.958 U	0.958 U	4.09
	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.75	0.952 U	0.952 U	0.952 U	3.34

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-39	08/07/2002	0.49	--	0.097 U	0.74	0.097 U	0.097 U	0.097 U	--	0.76	0.15	0.71	0.37	0.097 U	0.097 U
	01/27/2004	0.098 U	--	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U
	01/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.11	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	0.11	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.11	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.1	0.096 U	0.096 U	0.096 U	0.096 U
	10/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/25/2005	0.19 U	0.284 U	0.0474 U	0.019 U	0.019 U	0.218	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0474 U	0.019 U	0.019 U
	01/25/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.208	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.285 U	0.0475 U	0.019 U	0.0768 U	0.366	0.019 U	1.43 U	0.381 U	0.0225 U	0.0231 U	0.0475 U	0.0617 U	0.019 U
	07/25/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.115 U	0.237	0.0189 U	1.42 U	0.193 U	0.0189 U	0.0299 U	0.0473 U	0.0459 U	0.0189 U
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/25/2007	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/16/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	2.14	**1.63**	0.952 U	2.87	0.952 U	0.952 U	0.952 U	0.952 U	2.29	0.952 U	1.48	0.952 U	0.952 U	0.952 U
	01/23/2008	2.42	**1.78**	0.951 U	3.10	0.951 U	1.03	0.951 U	0.951 U	2.80	0.951 U	1.74	0.951 U	0.951 U	0.951 U
	08/21/2008	2.68	0.947 U	0.947 U	1.26	0.947 U	0.947 U	0.947 U	0.947 U	1.29	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/21/2008	4.49	0.949 U	0.949 U	2.02	0.949 U	0.949 U	0.949 U	0.949 U	3.06	1.34	0.949 U	0.949 U	0.949 U	0.949 U
	02/02/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	02/02/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2009	3.29	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.88	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U
	08/12/2009	3.12	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.75	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/21/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/21/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/17/2010	3.69	**1.84**	0.949 U	1.92	0.949 U	1.14	0.949 U	0.949 U	**4.45**	0.949 U	3.14	2.52 B	3.43	0.949 U
	08/17/2010	3.14	**1.55**	0.948 U	1.63	0.948 U	0.948 U	0.948 U	0.948 U	3.75	0.948 U	2.73	2.03 B	3.01	0.948 U
	01/21/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/31/2011	1.19	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.982	1.12	0.953 U	0.953 U	1.01	0.953 U
	08/31/2011	1.07	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.982	0.953 U	0.953 U	1.52	0.953 U
	01/19/2012	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/19/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-48S	08/20/2008	0.954 U	0.954 U	0.954 U	2.71	0.954 U	1.18	0.954 U	0.954 U	**4.98**	14.0	0.954 U	0.954 U	0.954 U	8.46
	10/08/2008	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	3.00	0.967 U	0.967 U	0.967 U	1.59
	02/02/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.73	0.949 U	0.949 U	0.949 U	1.02
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	2.05	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.07	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.36	0.948 U	0.948 U	0.948 U	1.52
	08/17/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.23	0.952 U	0.952 U	0.962	7.86	0.952 U	0.952 U	0.952 U	6.17
	01/24/2011	13.9	**20.2**	28.4	20.5	0.956 U	2.52	0.956 U	0.956 U	**15.6**	3.53	19.3	**219**	10.2	3.45
	08/31/2011	0.96 U	0.96 U	0.96 U	1.86	0.96 U	1.21	0.96 U	0.96 U	2.61	10.4	0.96 U	0.96 U	0.96 U	8.8
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	8.6	0.957 U	0.957 U	**4.56**	27.6	2.71	2.3	17.8	24.6
MW-49D	08/19/2008	**40.1**	**19.9**	20.4	59.5	2.93	2.12	0.955 U	0.955 U	**49.1**	4.48	22.8	144	54.9	2.76
	10/03/2008	**59.6**	**83.1**	**120**	5.90	9.95	0.958 U	0.958 U	**68.5**	**51.4**	16.2	55.3	**483**	70.7	9.20
	01/26/2009	11.1	**5.26**	8.06	6.32	0.967 U	1.37	0.967 U	0.967 U	**19.0**	7.36	7.25	29.7	19.4	4.90
	04/06/2009	**143**	**73.6**	**160**	219	20.9	21.8	0.978 U	2.08	**132**	42.4	131	**298**	270	27.9
	08/14/2009	**37.2**	**18.6**	30.1	61.8	5.47	8.72	0.965 U	2.71	**50.2**	24.9	37.4	42.2	75.4	15.6
	01/12/2010	2.32	**1.17**	1.50	2.67	0.967 U	0.967 U	0.967 U	0.967 U	**11.8**	1.57	1.27	10.2	5.90	1.09
	08/11/2010	11.1	**9.42**	15.1	70.1	4.09	10.7	0.973 U	0.973 U	**13.5**	51.3	18.0	74.1 B	66.4	39.1
	01/13/2011	0.966 U	**2.65**	4.19	37.4	1.71	11.7	0.966 U	0.966 U	3.61	37.8	6.02	22.2	38.8	29.9
	08/23/2011	0.979 U	**5.76**	9.85	22.5	1.8	10.2	0.979 U	0.979 U	**5.53**	39.9	11.3	28.4	33.8	31.3
	01/10/2012	4.27	**6.51**	9.44	30.9	1.52	11.3	0.954 U	0.954 U	**7.16**	60.7	9.95	51	61.2	50.5
MW-50S	08/19/2008	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	10/08/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/30/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.39	0.95 U	0.95 U
	01/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/30/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.16	0.952 U	0.952 U
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-51D	08/12/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/26/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	04/06/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/13/2010	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	08/12/2010	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.00	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/13/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/10/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-52D	08/14/2008	30.5	**57.6**	**85.7**	47.5	1 U	3.26	1 U	1 U	**19.3**	3.14	21.3	**671**	26.5	1.81
	10/07/2008	13.4	**20.6**	14.7	0.95 U	2.71	0.95 U	0.95 U	**8.98**	**11.8**	5.01	11.0	72.4	19.7	3.39
	01/30/2009	4.07	**3.19**	3.97	2.80	0.953 U	0.953 U	0.953 U	0.953 U	**5.41**	1.81	2.98	22.8	5.35	1.29
	04/09/2009	2.09	**2.09**	2.43	1.57	0.951 U	0.951 U	0.951 U	0.951 U	**5.22**	1.37	6.32	18.2	3.07	0.951 U
	08/18/2009	0.954 U	0.954 U	0.954 U	2.91	0.954 U	0.954 U	0.954 U	0.954 U	3.52	1.3	0.954 U	2.94	0.954 U	0.954 U
	01/25/2010	0.955 U	0.955 U	0.955 U	1.62	0.955 U	0.955 U	0.955 U	0.955 U	1.22	1.38	0.955 U	13.4	0.955 U	1.19
	08/16/2010	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	2.62 B	0.961 U	0.961 U
	01/20/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.21	0.956 U	2.87	0.956 U	0.956 U
	08/30/2011	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	2.02	0.961 U	0.98	0.961 U	1.48
	01/23/2012	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	1.12	0.959 U	0.959 U	0.959 U	1.06
MW-53S	08/14/2008	0.967 U	**1.55**	0.967 U	8.12	0.967 U	0.967 U	0.967 U	0.967 U	1.66	0.967 U	0.977	0.967 U	0.967 U	0.967 U
	10/07/2008	**195**	**62.7**	**87.7**	1.53	0.951 U	0.951 U	0.951 U	**64.7**	**35.0**	0.951 U	29.0	**6240**	3.79	0.951 U
	01/28/2009	**48.8**	**189**	28.1	135	0.947 U	0.947 U	0.947 U	0.947 U	**72.7**	0.947 U	43.0	**5890**	7.75	0.947 U
	04/10/2009	26.8	**106**	20.6	72.6	1.35	0.945 U	0.945 U	0.945 U	**58.3**	0.945 U	25.1	**3280**	5.30	0.945 U
	08/18/2009	12.5	**36.9**	2.41	41.7	2.1	0.944 U	0.944 U	0.944 U	**28.4**	0.944 U	12.8	**459**	1.88	0.944 U
	01/20/2010	**58.2**	**227**	**44.9**	144	1.93	0.949 U	0.949 U	0.949 U	**124**	0.949 U	51.9	**14200**	11.6	0.949 U
	08/16/2010	28.1	**158**	**39.7**	62.6	1.06	0.949 U	0.949 U	0.949 U	**64.4**	0.949 U	24.3	**3730**	6.03	0.949 U
	01/18/2011	**60.1**	**349**	**177**	179	2.78	1.32	0.952 U	0.952 U	**206**	0.952 U	53	**11100**	15.2	0.952 U
	08/11/2011	**48.2**	**262**	**154**	93.4	2.29	2.03	0.957 U	0.957 U	**87.2**	0.957 U	46.8	**7280**	18.3	0.957 U
	01/17/2012	**54.4**	**191**	**101**	111	1.51	0.951 U	0.951 U	0.951 U	**115**	0.951 U	49.4	**4740**	12.6	0.951 U
MW-53D	08/14/2008	16.0	**2.33**	0.951 U	1.22	0.951 U	0.951 U	0.951 U	0.951 U	**24.3**	0.951 U	6.57	41.8	0.951 U	0.951 U
	10/07/2008	2.66	**1.59**	1.57	0.948 U	0.948 U	0.948 U	0.948 U	**12.8**	**7.49**	0.948 U	2.74	43.1	1.48	0.948 U
	01/28/2009	12.8	**3.88**	4.35	2.79	0.949 U	0.949 U	0.949 U	0.949 U	**19.5**	0.949 U	6.60	27.8	6.85	0.949 U
	04/10/2009	11.9	**4.44**	6.27	2.63	1.28	0.949 U	0.949 U	0.949 U	**20.5**	1.99	18.5	33.3	14.5	0.977
	08/17/2009	2.2	0.948 U	0.948 U	1.97	0.948 U	0.948 U	0.948 U	2.62	**14.3**	0.948 U	5	6.66	0.948 U	0.948 U
	01/20/2010	1.50	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.81**	0.951 U	2.09	6.69	0.951 U	0.951 U
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.37	0.951 U	0.951 U	0.951 U	0.998
	01/18/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.2	0.956 U	1.46	0.956 U	2.16
	08/11/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	4.06	0.954 U	0.954 U	0.954 U	2.6
	01/17/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	3.55	0.958 U	0.958 U	0.958 U	2.76
MW-55S	08/20/2010	**51.5**	**325**	**248**	202	0.953 U	5.00	0.953 U	1.22	**43.5**	1.03	42.4	**582**	30.2	0.953 U
	01/14/2011	**64.6**	**390**	**214**	267	0.953 U	4.05	0.953 U	0.953 U	**61.2**	0.953 U	50.9	**625**	24.9	0.953 U
	08/08/2011	**41**	**262**	**66.1**	95.8	0.96 U	2.61	0.96 U	0.96 U	**41.7**	0.96 U	33.8	**322**	15.2	0.96 U
	01/12/2012	**61.7**	**235**	**102**	139	0.957 U	2.78	0.957 U	0.957 U	**54.1**	0.957 U	53.3	**262**	24.1	0.957 U
	08/13/2013	**68.9**	**446**	**128**	230	1 U	5.35	1 U	1 U	**48**	1.66	62.7	**221**	32.9	1.03
	01/24/2014	**41.7 J**	**898 J**	**47.9 J**	529 J	0.943 UJ	3.76 J	0.943 UJ	0.943 UJ	**23.9 J**	0.962 J	35.9 J	39.4 J	21.7 J	0.943 UJ
	07/23/2014	**66**	**452**	**65.6**	242	0.946 U	5.45	0.946 U	0.946 U	**39.4**	1.9	61.7	50.9	36.1	1.07
	01/15/2015	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	--	--
	08/11/2016	**90**	**427**	**71.1**	245	0.945 U	8.78	0.945 U	0.945 U	**54.5**	2.29	76	77.6	50.9	1.09
	01/09/2018	**101**	**445**	**57.2**	259	1.01	8.49	0.474 U	0.474 U	**51.5**	2.46	83.9	89	38.5	1.23
	01/16/2020	**116**	**477**	**92**	312	1.29	8.64	0.955 U	0.955 U	**74.9**	2.07	102	250	49.2	1.16
	08/11/2021	**64.5**	1.15 U	**38.5**	192	1.15 U	5.64	1.15 U	1.15 U	1.15 U	1.62	66.6	13.9	36.7	1.15 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-55D	09/07/2010	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	**76.4**	**479**	**765**	185	5.87	6.89	0.955 U	0.955 U	**132**	2.68	61.4	**7040**	36.0	1.80
	10/06/2008	**539**	**833**	**222**	5.34	7.76	0.945 U	0.945 U	**80.8**	**61.3**	2.98	53.5	**12300**	37.9	2.03
	01/27/2009	**71.0**	**452**	**760**	212	0.945 U	8.88	0.945 U	1.64	**90.3**	3.84	61.3	**7260**	44.3	2.18
	04/07/2009	**67.9**	**422**	**662**	161	5.36	7.51	0.949 U	0.949 U	**129**	2.97	54.4	**10700**	37.2	1.74
	08/06/2009	**71.4**	**407**	**757**	169	6.69	7.91	0.958 U	0.958 U	**199**	3.98	72	**10300**	38	1.65
	01/13/2010	**86.4**	**714**	**667**	196	5.64	8.50	0.948 U	0.948 U	**154**	3.26	67.6	**11100**	46.5	2.22
	08/12/2010	**64.6**	**469**	**784**	180	5.24	10.7	0.948 U	0.948 U	**152**	3.54	50.7	**9680**	52.2	2.12
	01/14/2011	**68.8**	**706**	**1150**	201	6.16	9.32	0.954 U	0.954 U	**149**	3.94	56.3	**12700**	43.3	2.52
	08/25/2011	0.964 U	**369**	**588**	142	4.37	0.964 U	0.964 U	0.964 U	**64.2**	2.64	36.4	**4380**	24.3	1.71
	01/11/2012	**84.5**	**354**	**628**	175	5.73	8.43	0.958 U	0.958 U	**111**	3.65	63.6	**6150**	48.2	2.44
	08/13/2013	**57.7**	**438**	**535**	167	3.69	5.78	1 U	1 U	**140**	2.53	45.2	**6630**	32.8	1.88
	01/22/2014	**128**	**532**	**893**	301	8.47	16.9	0.95 U	0.95 U	**216**	5.11	87.2	**16400**	66.8	3.95
	07/23/2014	**70.6**	**351**	**593**	178	4.88	8.39	0.946 U	0.946 U	**123**	2.93	58	**5360**	42.8	1.84
	01/14/2015	**53**	**460**	**660**	230	5.96	12.1	0.948 U	0.948 U	**186**	4.59	52.1	**5600**	42.3	2.86
	08/12/2016	**68.6**	**367**	**597**	142	4.3	8.76	0.95 U	0.95 U	**129**	3.31	50.9	**3940**	46.2	1.83
	01/09/2018	**98.5**	**453**	**718**	212	4.7	10.4	0.472 U	0.472 U	**163**	4.46	73.9	**9320**	43.2	2.58
	01/15/2020	**134**	**551**	**642**	298	6.87	11.4	1.07 U	1.07 U	**210**	4.06	101	**14,600**	64.7	2.59
	08/10/2021	**213**	1 U	**900**	487	5.61	9.57	1 U	1 U	1 U	4.44	161	**7,260**	109	2.19

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-57D	08/14/2008	4.21	**2.97**	1 U	1 U	1 U	1 U	1 U	1 U	**8.39**	1 U	1 U	39	1 U	1 U
	10/06/2008	3.45	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**8.95**	**4.54**	0.961 U	0.961 U	51.9	0.961 U	0.961 U
	10/06/2008	4.00	1.17	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**10.7**	**5.70**	0.961 U	0.961 U	62.0	0.961 U	0.961 U
	01/27/2009	5.12	**3.00**	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	**9.85**	0.943 U	0.943 U	41.1	0.943 U	0.943 U
	01/27/2009	5.15	**3.45**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.7**	0.95 U	0.95 U	52.9	0.95 U	0.95 U
	04/07/2009	3.54	**2.40**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**7.49**	0.95 U	0.95 U	37.3	0.95 U	0.95 U
	04/07/2009	4.44	**3.14**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**8.40**	0.95 U	0.95 U	48.5	0.95 U	0.95 U
	08/06/2009	3.32	**2.13**	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	**9.07**	0.649 U	0.649 U	33.6	0.649 U	0.649 U
	01/13/2010	3.96	**2.36**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.32**	0.947 U	0.947 U	49.1	0.947 U	0.947 U
	01/13/2010	4.08	**2.34**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.39**	0.947 U	0.947 U	48.9	0.947 U	0.947 U
	08/12/2010	5.09	**2.73**	1.04	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**10.3**	0.948 U	0.948 U	49.3 B	0.948 U	0.948 U
	08/12/2010	3.95	**2.05**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**8.30**	0.947 U	0.947 U	45.4 B	0.947 U	0.947 U
	01/14/2011	7.62	**3.93**	1.27	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**13.3**	0.953 U	0.953 U	84.7	0.953 U	0.953 U
	01/14/2011	5.8	**3.21**	1.07	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**10.1**	0.951 U	0.951 U	74.6	0.951 U	0.951 U
	08/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**7.86**	0.952 U	0.952 U	35.7	0.952 U	0.952 U
	08/25/2011	4.14	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**8.27**	0.955 U	0.955 U	38.8	0.955 U	0.955 U
	01/11/2012	4.81	**1.87**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.3**	0.95 U	0.95 U	44.6	0.95 U	0.95 U
	01/11/2012	4.38	**1.7**	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**9.49**	0.948 U	0.948 U	41.3	0.948 U	0.948 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.38	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.45	1 U	1 U
	01/22/2014	0.946 U	**1.84 J**	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	2.43 J	0.946 U	0.946 U	48.5 J	0.946 U	0.946 U
	01/22/2014	1.81	**6.77 J**	2.51	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.11 J**	0.947 U	0.947 U	**245 J**	0.947 U	0.947 U
	07/23/2014	5.24	**3.58**	1.83	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**10**	0.944 U	0.944 U	55.7	0.944 U	0.944 U
	07/23/2014	4.59	**3.37**	1.72	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.1**	0.945 U	0.945 U	54.6	0.945 U	0.945 U
	01/14/2015	4.27 J	**2.09 J**	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	**10.9**	0.942 U	0.942 U	33.7	0.942 U	0.942 U
	01/14/2015	8.48 J	**17.8 J**	3.41	12.1 J	0.947 U	0.947 U	0.947 U	0.947 U	**13.5**	0.947 U	3.5 J	50.7	2.23	0.947 U
	08/12/2016	5.12	**3.98**	1.07	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**11.6**	0.944 U	0.944 U	80.9	0.944 U	0.944 U
	08/12/2016	4.28	**3.69**	1.05	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.8**	0.945 U	0.945 U	78.9	0.945 U	0.945 U
	01/09/2018	1.28	1.2	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	2.38 J	0.473 U	0.473 U	21	0.473 U	0.473 U
	01/09/2018	2.44	**1.86**	0.483	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	4.05 J	0.474 U	0.474 U	25.2	0.474 U	0.474 U
	01/15/2020	3.53	**6.04**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	**8.8**	1.2 U	1.2 U	147	1.2 U	1.2 U
	01/15/2020	3.46	**6.06**	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	**9.2**	1.14 U	1.14 U	156	1.14 U	1.14 U
	08/10/2021	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	54.9	0.981 U	0.981 U
	08/10/2021	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	0.997 U	59.4	0.997 U	0.997 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-58D	08/13/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	10/08/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.07	0.951 U	0.951 U
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/07/2009	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/19/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/26/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EPA-5S	08/11/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/02/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/23/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/05/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/08/2010	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/11/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/12/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/09/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/09/2012	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
EPA-5D	08/11/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	10/02/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/23/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	04/03/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/08/2010	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2011	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/09/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/09/2012	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
EPA-6S	08/18/2008	7.03	83.2	3.63	73.4	0.948 U	3.85	0.948 U	0.948 U	0.948 U	7.03	13.1	1.11	4.55	4.82
	10/07/2008	**62.6**	3.06	**60.2**	0.95 U	3.14	0.95 U	0.95 U	0.95 U	5.32	5.39	10.4	0.95 U	23.7	3.64
	01/29/2009	4.77	57.5	2.13	55.4	0.946 U	3.82	0.946 U	0.946 U	0.946 U	6.58	9.65	1.30	30.4	4.01
	04/10/2009	5.48	78.7	2.47	71.9	0.943 U	4.95	0.943 U	0.943 U	0.943 U	8.25	11.6	0.943 U	36.4	5.17
	08/12/2009	4.27	54.9	1.78	54.4	1.56 U	3.15	1.56 U	1.56 U	1.56 U	6.23	9.21	1.56 U	28.8	3.8
	01/25/2010	6.48	71.8	2.33	79.3	0.946 U	5.42	0.946 U	0.946 U	1.14	10.1	14.5	0.946 U	42.3	7.96
	08/13/2010	2.86	31.7	0.97	39.7	0.951 U	2.52	0.951 U	0.951 U	0.951 U	5.22	6.59	3.53	20.3	3.89
	01/19/2011	2.63	40.7	0.954 U	52.4	0.954 U	3.32	0.954 U	0.954 U	0.954 U	6.58	7.24	0.954 U	24.4	4.27
	01/19/2011	2.62	39.2	0.952 U	51.1	0.952 U	3.41	0.952 U	0.952 U	0.952 U	6.71	7.2	0.952 U	25.1	4.3
	08/10/2011	2.43	20.1	0.954 U	40.1	0.954 U	3.29	0.954 U	0.954 U	0.954 U	6.53	6.67	0.954 U	21.6	4.42
	01/17/2012	2.01	23.2	0.948 U	50.7	0.948 U	4.2	0.948 U	0.948 U	0.948 U	7.71	7.05	2.35	31.5	6.5
EPA-6D	08/18/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	98.9	0.947 U	0.947 U
	10/07/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.36	0.949 U	0.949 U
	01/29/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	32.4	0.943 U	0.943 U
	04/10/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	42.9	0.947 U	0.947 U
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	25.7	1.55 U	1.55 U
	01/25/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/13/2010	0.949 U	1.2	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	62.1	0.949 U	0.949 U
	01/19/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	25.7	0.957 U	0.957 U
	08/10/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	16.1	0.957 U	0.957 U
	01/17/2012	0.949 U	1.24	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	69.6	0.949 U	0.949 U
RNWR Monitoring Wells (UWBZ)															
MW-30	08/13/2002	0.096 U	--	0.096 U	0.11	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
USDFW-1	10/24/2003	4.9	--	1.1	3.9	0.16	0.36	0.098 U	--	**17**	0.098 U	3.4	120	0.4	0.098 U
	05/04/2004	4.4	--	0.39	3.6	0.13	0.4	0.096 U	--	**18**	0.096 U	3.1	87	0.31	0.096 U
	08/13/2004	4.4	--	0.19	2.3	0.11 U	0.38	0.11 U	--	**14**	0.11 U	2.4	28	0.18	0.11 U
	10/25/2004	2.7	--	0.18	2.1	0.096 U	0.32	0.096 U	--	**7.3**	0.096 U	2.3	39	0.16	0.096 U
	01/28/2005	1.35	**2.2**	0.0679	1.48	0.0923	0.968	0.0189 U	**13**	**5.46**	0.0189 U	1.77	21.1	0.325	0.0189 U
	07/28/2005	1.3	**0.883**	0.0476 U	1.35	0.0943 U	0.156	0.019 U	**15**	0.22	0.019 U	1.36	2.53	0.0869 U	0.0294 U
	02/01/2006	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	5.69	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U
	08/11/2006	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.73	2.51	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.08	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/27/2007	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.70	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/28/2008	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.51	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/21/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	02/03/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/28/2010	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/24/2003	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.1	0.097 U	0.097 U	0.097 U
	05/04/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/13/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/25/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/28/2005	0.189 U	0.283 U	0.0472 U	0.0189 U	0.0189 U	0.0529	0.0189 U	**23**	0.189 U	0.0189 U	0.0443	0.0472 U	0.0189 U	0.0189 U
	07/28/2005	0.192 U	0.288 U	0.0645	0.0192 U	0.0192 U	0.0192 U	0.0192 U	5.82	0.192 U	0.0192 U	0.0437 U	0.313	0.0192 U	0.0192 U
	02/01/2006	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.66	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/27/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.05	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/28/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	10/24/2003	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	05/04/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.28	0.096 U	0.096 U
	08/13/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	10/25/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/28/2005	0.195 U	0.292 U	0.0486 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	1.97	0.195 U	0.0195 U	0.0195 U	0.0486 U	0.0195 U	0.0195 U
	07/28/2005	0.195 U	0.292 U	0.0487 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	1.69	0.195 U	0.0195 U	0.0195 U	0.0487 U	0.0195 U	0.0195 U
	02/01/2006	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	1.28	0.976 U	0.976 U
	08/11/2006	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	1.76 J	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.11	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/27/2007	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.45	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/28/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/11/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
RMW-2S	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1 U	0.949 U	0.949 U
	10/09/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	02/03/2009	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	04/08/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/28/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/26/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1 U	0.961 U	0.961 U
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	04/08/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/26/2010	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/26/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--					--				--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
Cell 2 (LWBZ)															
MW-40	08/08/2002	**32**	--	**64**	40	1	3.8	0.096 U	--	11	3.3	20	**360**	28	2.3
	01/23/2004	16	--	3.3	3.2	0.21	0.35	0.095 U	--	4.8	0.72	2.4	68	2.7	0.49
	04/30/2004	20	--	2.6	3.3	0.19	0.54	0.096 U	--	3.5	0.85	2.5	38	3.3	0.62
	08/11/2004	15	--	1.2	1.9	0.099	0.33	0.096 U	--	2.5	0.64	1.6	16	1.9	0.45
	10/29/2004	14	--	0.52	0.72	0.096 U	0.19	0.096 U	--	1.5	0.26	1.1	7.2	0.91	0.18
	01/27/2005	0.189 U	0.283 U	0.365	0.668	0.137	0.348	0.0189 U	1.42 U	0.189 U	0.217	0.766	5.39	0.0189 U	0.102
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	13.1	0.951 U	0.951 U	2.93	0.951 U	0.951 U	0.951 U	0.951 U	7.27	0.951 U	1.96	3.18	1.18	0.951 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	3.54	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.37	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/19/2009	2.19	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.83	1.72	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/29/2010	2.35	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.33	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/25/2010	0.969	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.64	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/24/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	09/02/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/20/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-41	08/12/2002	2.4	--	0.15	0.18	0.096 U	0.096 U	0.096 U	--	0.26	0.096 U	0.11	0.68	0.14	0.096 U
	01/29/2004	1.3	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	--	0.1	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	04/29/2004	1.1	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.11	0.096 U	0.096 U	0.28	0.096 U	0.096 U
	08/12/2004	0.95	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.28	0.096 U	0.096 U	0.38	0.096 U	0.096 U
	11/08/2004	1	--	0.048 U	0.048 U	0.048 U	0.061	0.048 U	--	0.1	0.048 U	0.048 U	0.077	0.048 U	0.048 U
	01/27/2005	0.67	0.283 U	0.0471 U	0.0189 U	0.0189 U	0.058	0.0189 U	1.41 U	0.189 U	0.0189 U	0.0189 U	0.0471 U	0.0189 U	0.0189 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	2.09	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
Cell 2 Monitoring Wells (LWBZ)															
MW-22	08/08/2002	9.5	--	1.4	2.5	0.34	0.098	0.097 U	--	20	0.097 U	2.3	**180**	0.73	0.097 U
	01/23/2004	15	--	0.097 U	6.9	0.45	0.26	0.097 U	--	30	0.097 U	6.8	5.3	1.5	0.097 U
	04/28/2004	16	--	0.096 U	6	0.57	0.25	0.096 U	--	27	0.096 U	6.4	1.1	0.88	0.096 U
	08/06/2004	18	--	0.096 U	3.7	0.49	0.24	0.096 U	--	28	0.096 U	7.3	0.9	0.41	0.096 U
	10/26/2004	23	--	0.096 U	0.51	0.27	0.25	0.096 U	--	30	0.096 U	7.4	0.4	0.096 U	0.096 U
	01/25/2005	0.189 U	0.283 U	0.0472 U	0.0189 U	0.376	0.0189 U	0.0189 U	1.42 U	19.9	0.0189 U	4.61	0.0472 U	0.0189 U	0.0189 U
	08/03/2005	11.6	0.286 U	0.0476 U	0.019 U	0.0731	0.0946	0.019 U	1.43 U	11.2	0.019 U	3.16	0.0476 U	0.0545	0.019 U
	01/25/2006	10.4	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	15.6	0.951 U	2.16	0.951 U	0.951 U	0.951 U
	08/10/2006	6.65	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	5.73	0.954 U	1.12	0.954 U	0.954 U	0.954 U
	01/25/2007	8.64	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	8.89	0.951 U	1.53	0.980	0.951 U	0.951 U
	08/16/2007	7.05	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	7.14	0.953 U	1.01	0.953 U	0.953 U	0.953 U
	01/22/2008	7.27	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	6.86	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-33	08/07/2002	1	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.68	0.096 U	0.18	0.096 U	0.096 U	0.096 U
	01/21/2004	0.67	--	0.096 U	0.096 U	0.096 U	0.46	0.096 U	--	0.4	0.096 U	0.6	0.096 U	0.096 U	0.096 U
	04/27/2004	0.77	--	0.095 U	0.095 U	0.095 U	0.48	0.095 U	--	0.44	0.095 U	0.83	0.095 U	0.095 U	0.095 U
	07/28/2004	0.89	--	0.096 U	0.096 U	0.096 U	0.33	0.096 U	--	0.49	0.096 U	1	0.096 U	0.096 U	0.096 U
	10/19/2004	1.2	--	0.096 U	0.096 U	0.096 U	0.37	0.096 U	--	0.51	0.096 U	1.1	0.33	0.096 U	0.096 U
	01/20/2005	1.16	0.284 U	0.0473 U	0.0251	0.0449	0.479	0.0189 U	1.42 U	0.345	0.0189 U	0.67	0.0473 U	0.0189 U	0.0189 U
	07/20/2005	1.49 J	0.284 UR	0.11 J	0.0189 UR	0.0314 J	1.05 J	0.0189 UR	1.42 UR	0.48 J	0.0189 UR	0.69 J	0.0473 UR	0.0189 UR	0.0189 UR
	01/20/2006	1.24	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/04/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/19/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/09/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/15/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/11/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/09/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
MW-34	08/08/2002	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	01/21/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.14	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	04/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	07/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/20/2004	0.11	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/21/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.176	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0478	0.0189 U	0.0189 U
	07/20/2005	0.19 U	0.285 U	0.0475 U	0.019 U	0.019 U	0.0542	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0475 U	0.0326	0.019 U
	01/23/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/18/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/10/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/16/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-35	08/13/2002	0.83	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	1.1	0.096 U	0.096 U	0.19	0.096 U	0.096 U
	08/13/2002	0.96	--	0.1	0.097 U	0.097 U	0.097 U	0.097 U	--	1	0.097 U	0.097 U	0.25	0.097 U	0.097 U
	01/21/2004	1.6	--	0.13 U	0.096 U	0.096 U	0.2	0.096 U	--	1.8	0.096 U	0.096 U	2.8	0.099	0.096 U
	04/28/2004	1.8	--	0.096 U	0.096 U	0.096 U	0.19	0.096 U	--	2	0.096 U	0.096 U	0.74	0.1	0.096 U
	07/30/2004	1.9	--	0.096 U	0.096 U	0.096 U	0.17	0.096 U	--	2.4	0.096 U	0.12	3.7	0.1	0.096 U
	10/25/2004	2.3	--	0.20 U	0.20 U	0.20 U	0.23	0.20 U	--	3.5	0.20 U	0.20 U	5.3	0.20 U	0.20 U
	01/24/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/20/2005	2.8 J	0.285 UR	0.0475 UR	0.042 J	0.373 J	0.13 J	0.019 UR	1.43 UR	1.74 J	0.019 UR	0.124 J	4.55 J	0.122 J	0.019 UR
	01/24/2006	2.30	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	3.43	0.948 U	0.948 U	1.55	0.948 U	0.948 U
	08/08/2006	2.40	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	3.00	1.02 U	1.02 U	3.04	1.02 U	1.02 U
	01/24/2007	2.09	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.80	0.948 U	0.948 U	2.87	0.948 U	0.948 U
	08/14/2007	2.66	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.37	0.947 U	0.947 U	4.26	0.947 U	0.947 U
	01/18/2008	2.73	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.87	0.956 U	0.956 U	5.59	0.956 U	0.956 U
	08/14/2008	2.83	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.89	0.951 U	0.951 U	5.73	0.951 U	0.951 U
	01/30/2009	2.10	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	2.46	0.949 U	0.949 U	4.69	0.949 U	0.949 U
	08/18/2009	2.65	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	3.1	0.949 U	0.949 U	6.59	0.949 U	0.949 U
	01/22/2010	3.60	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.88	0.951 U	0.951 U	12.9	0.951 U	0.951 U
	08/16/2010	1.78	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	2.31	0.949 U	0.949 U	3.46 B	0.949 U	0.949 U
	01/20/2011	4.11	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	4.3	0.953 U	0.953 U	3.42	0.953 U	0.953 U
	08/29/2011	3.39	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.52	0.956 U	0.956 U	7.66	0.956 U	0.956 U
	01/18/2012	1.84	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.79	0.957 U	0.957 U	2	0.957 U	0.957 U
MW-36	08/07/2002	1.4	--	1.1	0.14	0.097 U	0.097 U	0.097 U	--	2.6	0.097 U	0.097 U	63	0.097 U	0.097 U
	01/26/2004	1	--	0.96	1.5	0.095 U	0.62	0.095 U	--	3.4	0.66	1	6.4	2.1	0.48
	04/28/2004	3.7	--	0.096 U	0.97	0.15	0.14	0.096 U	--	6.9	0.096 U	0.77	0.75	0.12	0.096 U
	07/30/2004	3.9	--	0.096 U	1.1	0.12	0.098	0.096 U	--	6.5	0.096 U	0.92	0.24	0.1	0.096 U
	10/26/2004	3.6	--	0.096 U	0.27	0.096 U	0.11	0.096 U	--	4.8	0.096 U	0.9	0.25	0.096 U	0.096 U
	01/25/2005	2.11	0.284 U	0.0473 U	0.102	0.234	0.0991	0.0189 U	1.42 U	2.38	0.0189 U	0.938	0.34	0.0189 U	0.0189 U
	07/25/2005	3.84	0.285 U	0.0474 U	0.0194 U	0.04 U	0.0327 U	0.019 U	1.42 U	5.33	0.019 U	1.11	0.0896	0.0363 U	0.019 U
	01/25/2006	2.93	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	3.27	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/08/2006	1.98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.22	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1.85	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.71	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/15/2007	1.88	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.73	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/22/2008	1.04	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.14	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/19/2008	1.71	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.76	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2010	1.06	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/16/2010	1.09	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/21/2011	1.78	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/30/2011	1.42	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/19/2012	1.74	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-37	08/12/2002	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/27/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	04/29/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/22/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/26/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.0492	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.285 U	0.0476 U	0.019 U	0.019 U	0.019 U	0.0867	1.43 U	0.19 U	0.019 U	0.019 U	0.0983	0.0274 U	0.019 U
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/09/2006	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/17/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/23/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/20/2008	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/31/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
MW-54	08/12/2008	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	10/06/2008	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/05/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/13/2010	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/13/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/10/2012	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
MW-55	08/14/2008	1.39	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	10/03/2008	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.35	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/27/2009	1.38	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.47	0.946 U	0.946 U
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	1.1	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.26	0.948 U	0.948 U
	01/14/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2010	1.34	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2011	1.39	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/08/2011	1.2	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2012	1.04	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-56	08/21/2008	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	10/08/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	2.05	0.955 U	0.955 U
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/12/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-59	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/29/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.46	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/20/2011	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U
	08/29/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/13/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	01/10/2018	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U
MW-62	09/08/2010	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.19	1.02	1.14	1.1	1.25	0.951 U	0.951 U	1.17	1.12
	08/25/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/11/2012	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/10/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL (ug/L)		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
RNWR Monitoring Well (LWBZ)															
MW-60	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	04/08/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/07/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/25/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-61	09/03/2010	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/02/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/06/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	07/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/12/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-63	09/20/2012	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	07/22/2014	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/12/2015	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U	0.947 U	0.947 U
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2021	0.992 U	0.992 U	0.992 U	3.87	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	0.992 U	1.49	0.992 U	0.992 U	0.992 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold number indicates detected concentration that exceeds CUL.

-- = not analyzed.

B = blank exhibited positive result greater than reporting limit for this compound.

cPAH = carcinogenic polycyclic aromatic hydrocarbon.

CUL = cleanup level.

J = result for this analyte is estimated concentration.

LE = no results available due to laboratory error.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

ND = no cPAH detections.

NV = no value.

NS = not sampled.

PAH = polycyclic aromatic hydrocarbon.

R = result is rejected.

RNWR = Ridgefield National Wildlife Refuge.

SVOC = semivolatile organic compound.

TEQ cPAHs = toxicity equivalent cPAHs. If one or more of the seven cPAHs are detected in the groundwater sample, TEQ is calculated using appropriate toxicity equivalent factors. If a certain cPAH analyte has not been detected in groundwater at the site, then a value of "0" is used for non-detects of that specific cPAH analyte. Other analytes that historically have been detected on the property but that are not detected in a certain event are summed using half of the method reporting limit. For groundwater samples that do not detect any cPAH analytes, "ND" is entered as the value.

U = not detected at or above the method reporting limit (note that, starting in July 2014, cPAHs are reported to the method detection limit).

ug/L = micrograms per liter.

UJ = result is non-detect with an estimated reporting limit.

UWBZ = upper water-bearing zone.

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
Cell 2 Monitoring Wells (UWBZ)		
MW-7	01/26/2004	5 U
	05/06/2004	5 U
	10/27/2004	5 U
	01/26/2005	4.68
	07/25/2005	2.5 U
	08/10/2006	**7.5**
	01/25/2007	**6.1**
	09/05/2008	1 U
	02/04/2009	4.3
	08/19/2009	2.3
	01/26/2010	4.6
	08/24/2010	2.6
	01/25/2011	4.44
	09/01/2011	2.08
	01/20/2012	**5.48**
MW-44	01/23/2004	**13.1**
	04/29/2004	**6.1**
	10/29/2004	5 U
	01/26/2005	**19.1**
	02/02/2009	**12**
	08/19/2009	**26**
	08/25/2010	**9.7**
	01/24/2011	2.71
	09/02/2011	**9.54**
	01/20/2012	1.41
EPA-4S	09/03/2008	1 U
	10/02/2008	2.2
	02/10/2009	1.6
	04/16/2009	1.2
	08/13/2009	1.1
	01/29/2010	1.1
	08/24/2010	2.8
	01/25/2011	4.65
	09/01/2011	**6.9**
	01/24/2012	3.35

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
EPA-4D	09/03/2008	1 U
	10/02/2008	1.2
	02/10/2009	1.3
	04/16/2009	1
	08/13/2009	1
	01/29/2010	1 U
	08/24/2010	1 U
	01/25/2011	0.766
	09/01/2011	0.974
	01/24/2012	0.709
MW-4	05/07/2004	**42.1**
	07/29/2004	**48.7**
	10/22/2004	**31.7**
	01/24/2005	**36.9**
	07/20/2005	**49.5**
	01/23/2006	**18**
	08/08/2006	**54**
	01/24/2007	**55**
	08/14/2007	**44**
	01/17/2008	**45**
	08/13/2008	**45**
	01/29/2009	**14**
	08/18/2009	**8.6**
	01/19/2010	**43**
	08/13/2010	**48**
	01/20/2011	**42.7**
	08/26/2011	**45.2**
	01/13/2012	**48.3**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-5	01/26/2004	**32.8**
	05/07/2004	**33.6**
	07/29/2004	**41.2**
	10/22/2004	**45.1**
	01/24/2005	**49.3**
	07/20/2005	**48.3**
	01/24/2006	**31**
	08/08/2006	**54**
	01/24/2007	**56**
	08/14/2007	**58**
	01/17/2008	**52**
	08/13/2008	**54**
	01/29/2009	**17**
	08/18/2009	**7.6**
	01/22/2010	**38**
	08/13/2010	**35**
	01/20/2011	**26.5**
	08/26/2011	**30**
	01/13/2012	**33.7**
PZ-06	01/23/2007	**19**
	08/13/2007	**26**
	01/16/2008	**23**
	08/12/2008	**21**
	01/26/2009	**11**
	08/05/2009	**26**
	01/13/2010	**23**
	08/01/2010	NS
	01/13/2011	**25.2**
	08/24/2011	**27.8**
	01/10/2012	**26.2**
MW-10	01/23/2007	**32**
	08/14/2007	**30**
	01/17/2008	**29**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-13	08/08/2002	**16.4**
	01/26/2004	**17.5**
	05/05/2004	**14.5**
	07/28/2004	**16.4**
	10/20/2004	**15.4**
	01/21/2005	**16.5**
	07/20/2005	**17.6**
	01/23/2006	**7.3**
	08/07/2006	**15**
	01/23/2007	**15**
	08/09/2007	**14**
	01/15/2008	**12**
	08/11/2008	**14**
	01/23/2009	**35**
	08/14/2009	**36**
	01/11/2010	**35**
	08/11/2010	**26**
	01/12/2011	0.264
	08/23/2011	**20.3**
	01/09/2012	**22.3**
MW-14	08/08/2002	**11.8**
	01/22/2004	**12**
	05/04/2004	**10.9**
	07/28/2004	**15.4**
	10/20/2004	**15.8**
	01/21/2005	**17.2**
	07/20/2005	**19.9**
	01/23/2006	**26**
	08/07/2006	**26**
	01/23/2007	**33**
	08/13/2007	**26**
	01/16/2008	**29**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-15	08/08/2002	5 U
	01/21/2004	5 U
	05/05/2004	5 U
	07/28/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/23/2006	1.5
	08/07/2006	1.2
	01/18/2007	2.3
	08/10/2007	2.3
	01/16/2008	1.3
	08/13/2008	1 U
	09/03/2008	1 U
	01/26/2009	1.1
	08/17/2009	1.2
	01/12/2010	1.9
	08/11/2010	1.3
	01/13/2011	1.39
	08/23/2011	1.57
	01/10/2012	1.48
MW-16	08/07/2002	5 U
	01/23/2004	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1.2
	08/10/2006	1.5
	01/25/2007	1.6
	08/16/2007	2.5
	01/22/2008	1.7
	08/19/2008	3.9
	01/30/2009	1 U
	08/12/2009	1.3
	01/21/2010	1 U
	08/17/2010	10 U
	01/21/2011	0.722
	08/30/2011	1.95
	01/19/2012	2.39

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-17	08/07/2002	5 U
	01/26/2004	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/24/2005	2.5 U
	07/25/2005	3.25
	01/24/2006	1.6
	08/08/2006	4.3
	01/24/2007	4.4
	08/15/2007	**5.8**
	01/18/2008	3.7
MW-18	07/29/2004	**61.3**
	07/25/2005	**72.4**
	01/24/2006	**71**
	08/08/2006	NS
	01/24/2007	**87**
	08/15/2007	**87**
	01/18/2008	**90**
MW-21	08/08/2002	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.63
	01/25/2006	2.8
	08/10/2006	3.0
	01/25/2007	3.7
	08/16/2007	4.2
	01/22/2008	1 U
	08/19/2008	2.9
	01/30/2009	2.7
	08/12/2009	2.9
	01/21/2010	2.8
	08/17/2010	10 U
	01/21/2011	**7.67**
	08/30/2011	**17.8**
	01/19/2012	**22.6**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-23	01/22/2004	5 U
	05/03/2004	5 U
	07/27/2004	5 U
	10/19/2004	5 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/20/2006	1.3
	08/07/2006	1 U
	01/23/2007	2.4
	08/09/2007	3.1
	01/15/2008	1.2
	08/11/2008	1
	01/11/2010	2.1
	08/30/2011	NS
MW-25	08/12/2002	10 U
	01/27/2004	5 U
	04/29/2004	5 U
	08/06/2004	10 U
	10/22/2004	10 U
	01/26/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	08/09/2006	1 U
	01/26/2007	1 U
	08/17/2007	1.5
	01/23/2008	1 U
	08/20/2008	1.1
	01/27/2010	1 U
	08/31/2011	1

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-26	01/26/2004	**36.6**
	05/05/2004	**38.4**
	07/29/2004	**48.8**
	10/25/2004	**47.8**
	01/24/2005	**56**
	07/25/2005	**49.3**
	01/24/2006	**27**
	08/08/2006	**49**
	01/24/2007	**52**
	08/15/2007	**52**
	01/18/2008	**49**
	08/15/2008	**76**
	01/28/2009	**21**
	08/18/2009	**77**
	01/25/2010	**76**
	08/16/2010	**93**
	01/20/2011	**114**
	08/30/2011	**103**
	01/23/2012	**111**
MW-27	01/26/2004	5 U
	05/07/2004	5 U
	07/29/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.69
	01/23/2006	1.1
	08/07/2006	2.9
	01/24/2007	4
	08/14/2007	3.9
	01/17/2008	3.4
	08/15/2008	3
	01/22/2010	3
	08/29/2011	3.04

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-38	08/07/2002	5 U
	08/07/2002	5 U
	08/07/2002	5 U
	01/27/2004	5 U
	01/27/2004	5 U
	05/06/2004	5 U
	05/06/2004	5 U
	08/06/2004	10 U
	08/06/2004	10 U
	10/29/2004	5 U
	10/29/2004	5 U
	01/25/2005	2.5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	01/26/2006	1 U
	08/10/2006	1 U
	08/10/2006	1 U
	01/25/2007	1 U
	01/25/2007	1 U
	08/16/2007	1.2
	08/16/2007	1.3
	01/23/2008	1 U
	01/23/2008	1 U
	08/21/2008	1 U
	08/21/2008	1 U
	02/02/2009	1 U
	02/02/2009	1 U
	08/12/2009	1 U
	08/12/2009	1 U
	01/21/2010	1 U
	01/21/2010	1 U
	08/17/2010	1.2
	08/17/2010	1.2
	01/21/2011	1.02
	08/31/2011	1.13
	08/31/2011	1.15
	01/19/2012	1.17
	01/19/2012	1.21

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-39	01/27/2004	5 U
	01/27/2004	5 U
	05/06/2004	5 U
	05/06/2004	5 U
	08/06/2004	10 U
	08/06/2004	10 U
	10/29/2004	5 U
	10/29/2004	5 U
	01/25/2005	2.5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	01/26/2006	1 U
	08/10/2006	1 U
	08/10/2006	1 U
	01/25/2007	1 U
	01/25/2007	1 U
	08/16/2007	1.8
	08/16/2007	1.8
	01/23/2008	3.4
	01/23/2008	3.5
	08/21/2008	2.7
	08/21/2008	2.7
	02/02/2009	1.1
	02/02/2009	1.2
	08/12/2009	**5.2**
	08/12/2009	**5.6**
	01/21/2010	1.6
	01/21/2010	1.6
	08/17/2010	**12**
	08/17/2010	**12**
	01/21/2011	0.506
	08/31/2011	1.13
	08/31/2011	1.2
	01/19/2012	0.488
	01/19/2012	0.428

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-48S	08/20/2008	**12**
	10/08/2008	**9**
	02/02/2009	**6.6**
	04/09/2009	4.9
	08/19/2009	**6.6**
	01/27/2010	**12**
	08/17/2010	**18**
	01/24/2011	**20.6**
	08/31/2011	**27.2**
	01/20/2012	**6.86**
MW-49D	08/19/2008	**7.2**
	10/03/2008	**5.9**
	01/26/2009	**15**
	04/06/2009	**14**
	08/14/2009	**21**
	01/12/2010	**14**
	08/11/2010	**21**
	01/13/2011	**33.4**
	08/23/2011	**51.1**
	01/10/2012	**39.5**
MW-50S	08/19/2008	**9**
	10/08/2008	4.4
	01/30/2009	**6.8**
	04/09/2009	1.8
	08/19/2009	1.6
	01/26/2010	**21**
	08/16/2010	**13**
	01/21/2011	**15**
	08/30/2011	**21.8**
	01/19/2012	**23.1**
MW-51D	08/12/2008	1.2
	10/06/2008	1.3
	01/26/2009	1.3
	04/06/2009	1
	08/05/2009	1.1
	01/13/2010	1.3
	08/12/2010	1
	01/13/2011	0.868
	08/24/2011	0.872
	01/10/2012	0.796

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-52D	08/14/2008	**7.5**
	10/07/2008	**7.7**
	01/30/2009	**27**
	04/09/2009	**42**
	08/18/2009	**42**
	01/25/2010	**53**
	08/16/2010	**51**
	01/20/2011	**37.2**
	08/30/2011	**54.3**
	01/23/2012	**43.7**
MW-53S	08/14/2008	**5.6**
	10/07/2008	**11**
	01/28/2009	**11**
	04/10/2009	**17**
	08/18/2009	4.8
	01/20/2010	**39**
	08/16/2010	**25**
	01/18/2011	**48.5**
	08/11/2011	**57.9**
	01/17/2012	**74.1**
MW-53D	08/14/2008	2
	10/07/2008	4.9
	01/28/2009	**11**
	04/10/2009	**20**
	08/17/2009	**15**
	08/16/2010	**9.4**
	01/20/2010	**16**
	08/16/2010	**9.4**
	09/07/2010	**7.4**
	01/18/2011	**9.6**
	08/11/2011	**12.4**
	01/17/2012	**12.8**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-55S	08/20/2010	**35**
	01/14/2011	**36.7**
	08/08/2011	**36.5**
	01/12/2012	**47**
	08/13/2013	**66.4**
	01/24/2014	**63.2**
	07/23/2014	**60.7**
	01/15/2015	**64.9**
	08/11/2016	**54**
	01/09/2018	**57.7**
	01/16/2020	**16.7**
	08/11/2021	**54.6**
MW-55D	09/07/2010	**7.4**
	01/14/2011	**9.18**
	08/08/2011	**8**
	01/12/2012	**5.62**
	08/13/2013	0.951
	01/24/2014	0.436
	07/23/2014	**16.4**
	01/15/2015	**14.5**
	08/11/2016	**12**
	01/09/2018	**11.6**
	01/16/2020	**14**
	08/11/2021	**13**
MW-57S	08/15/2008	**41**
	10/06/2008	**17**
	01/27/2009	**23**
	04/07/2009	**46**
	08/06/2009	**51**
	01/13/2010	**61**
	08/12/2010	**40**
	01/14/2011	**38.5**
	08/25/2011	**36.9**
	01/11/2012	**40.8**
	08/13/2013	**60.3**
	01/22/2014	**82.3**
	07/23/2014	**72.4**
	01/14/2015	**81.1**
	08/12/2016	**71**
	01/09/2018	**71.8**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-57S (cont.)	01/15/2020	**76.7**
	08/10/2021	**99.2**
MW-57D	08/14/2008	**19**
	10/06/2008	**6.8**
	10/06/2008	**8.8**
	01/27/2009	**11**
	01/27/2009	**11**
	04/07/2009	**17**
	04/07/2009	**17**
	08/06/2009	**21**
	01/13/2010	**21**
	01/13/2010	**22**
	08/12/2010	**19**
	08/12/2010	**14**
	01/14/2011	**18.6**
	01/14/2011	**17.6**
	08/25/2011	**20.4**
	08/25/2011	**21**
	01/11/2012	**20.3**
	01/11/2012	**22.4**
	08/13/2013	**28.6**
	08/13/2013	**30**
	01/22/2014	**34**
	01/22/2014	**34.4**
	07/23/2014	**25.7**
	07/23/2014	**25.3**
	01/14/2015	**24.3**
	01/14/2015	**24.6**
	08/12/2016	**22.1**
	08/12/2016	**22.1**
	01/09/2018	**23.6**
	01/09/2018	**23.4**
	01/15/2020	**27.6**
	01/15/2020	**27.6**
	08/10/2021	**26.7**
	08/10/2021	**26.5**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-58D	08/13/2008	**7.3**
	10/08/2008	**6.9**
	01/27/2009	**10**
	04/07/2009	**11**
	08/06/2009	**14**
	01/14/2010	**13**
	08/12/2010	**10**
	01/19/2011	2.72
	08/26/2011	**10.3**
	01/13/2012	**10.7**
	08/13/2013	**13.4**
	07/24/2014	**13.2**
	01/15/2015	**12.5**
	01/15/2020	**11.3**
	08/11/2021	**11.1**
EPA-5S	08/11/2008	1.1
	10/02/2008	1.3
	01/23/2009	1 U
	04/03/2009	1 U
	08/05/2009	1 U
	01/08/2010	1 U
	08/11/2010	1.3
	01/12/2011	0.311
	08/09/2011	**5.74**
	01/09/2012	0.983
EPA-5D	08/11/2008	1 U
	10/02/2008	1 U
	01/23/2009	1 U
	04/03/2009	1 U
	08/05/2009	1 U
	01/08/2010	1 U
	08/11/2010	1 U
	01/12/2011	**13.3**
	08/09/2011	0.486
	01/09/2012	0.511

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
EPA-6S	08/18/2008	**86**
	10/07/2008	**48**
	01/29/2009	**45**
	04/10/2009	**75**
	08/12/2009	**80**
	01/25/2010	**78**
	08/13/2010	**78**
	01/19/2011	**63.1**
	01/19/2011	**63.6**
	08/10/2011	**66.9**
	01/17/2012	**75.6**
EPA-6D	08/18/2008	**7.1**
	10/07/2008	3.5
	01/29/2009	1.9
	04/10/2009	**6.8**
	08/12/2009	**7.2**
	01/25/2010	3
	08/13/2010	10 U
	01/19/2011	**8.08**
	08/10/2011	**7.15**
	01/17/2012	**5.95**
	01/23/2014	**12.3**
	08/11/2016	**10.5**
	01/10/2018	**12.1**
RNWR Monitoring Wells (UWBZ)		
MW-30	08/13/2002	10 U
USDFW-1	05/04/2004	5 U
	08/13/2004	5 U
	10/25/2004	5 U
	01/28/2005	2.5 U
	07/28/2005	2.5 U
	02/01/2006	1.9
	08/11/2006	1.8
	01/22/2007	2.4
	08/27/2007	2.6
	01/28/2008	1.9
	08/21/2008	1.8
	02/03/2009	1.6
	08/07/2009	1.9
	01/28/2010	1.9

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
USDFW-1 (cont.)	08/26/2010	2.2
	01/26/2011	1.79
	09/06/2011	2.04
	01/25/2012	1.59
	08/07/2012	1.79
	08/14/2013	2.1
	05/04/2004	**7.9**
	08/13/2004	**9.3**
	10/25/2004	**9**
	01/28/2005	**23.3**
	07/28/2005	**9.03**
	02/01/2006	**6.5**
	08/11/2006	NS
	01/22/2007	**11**
	08/27/2007	**11**
	01/28/2008	**9.2**
	05/04/2004	**11.1**
	08/13/2004	**15.1**
	10/25/2004	**13.6**
	01/28/2005	**13.2**
	07/28/2005	**13.7**
	02/01/2006	**8.4**
	08/11/2006	**14**
	01/22/2007	**14**
	08/27/2007	**15**
	01/28/2008	**12**
	01/27/2014	1.8
	07/21/2014	1.98
	01/13/2015	1.72
	01/16/2020	1.69
	08/11/2021	1.58
RMW-2S	08/21/2008	2.4
	10/09/2008	2.5
	02/03/2009	2.2
	04/08/2009	2.2
	08/07/2009	3.1
	01/28/2010	2.9
	08/26/2010	3.3
	01/26/2011	0.503
	09/06/2011	4.46
	01/25/2012	3.44

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
RMW-2D	08/21/2008	1 U
	10/09/2008	1 U
	02/03/2009	1 U
	04/08/2009	1 U
	08/07/2009	1 U
	01/28/2010	1 U
	08/26/2010	1 U
	01/26/2011	2.8
	09/06/2011	0.481
	01/25/2012	0.465
Cell 1 (LWBZ)		
MW-40	01/23/2004	5 U
	04/30/2004	5 U
	08/11/2004	5 U
	10/29/2004	5 U
	01/27/2005	2.5 U
	07/20/2005	NS
	01/27/2006	1 U
	08/08/2006	NS
	01/18/2007	NS
	08/06/2007	NS
	01/17/2008	NS
	08/11/2008	NS
	02/02/2009	1 U
	08/19/2009	1 U
	01/29/2010	1 U
	08/25/2010	1.1
	01/24/2011	1.1
	09/02/2011	1.1
	01/20/2012	**29.9**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-41	08/12/2002	4 U
	01/29/2004	5 U
	04/29/2004	5 U
	08/12/2004	5 U
	11/08/2004	5 U
	01/27/2005	2.5 U
	07/20/2005	NS
	01/30/2006	1 U
	08/08/2006	NS
	01/18/2007	NS
	08/06/2007	NS
	01/17/2008	NS
	08/11/2008	NS
Cell 2 Monitoring Wells (LWBZ)		
MW-22	08/08/2002	5 U
	01/23/2004	5 U
	04/28/2004	5 U
	08/06/2004	10 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1 U
	08/10/2006	1 U
	01/25/2007	1 U
	08/16/2007	1.3
	01/22/2008	1 U
MW-33	01/21/2004	5 U
	04/27/2004	5 U
	07/28/2004	5 U
	10/19/2004	10 U
	01/20/2005	2.5 U
	07/20/2005	2.5 U
	01/20/2006	1 U
	08/04/2006	1 U
	01/19/2007	1.2
	08/09/2007	1.4
	01/15/2008	1 U
	08/11/2008	1 U
	01/11/2010	1.1
	08/09/2011	0.993

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-34	08/08/2002	5 U
	01/21/2004	5 U
	04/27/2004	5 U
	07/29/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/23/2006	1 U
	08/07/2006	1 U
	01/18/2007	1.8
	08/10/2007	1.6
	01/16/2008	1 U
MW-35	08/13/2002	4 U
	08/13/2002	4 U
	01/21/2004	5 U
	04/28/2004	5 U
	07/30/2004	5 U
	10/25/2004	5 U
	01/24/2005	2.5 U
	07/20/2005	3.63
	01/24/2006	4.5
	08/08/2006	3.7
	01/24/2007	4.8
	08/14/2007	4.7
	01/18/2008	3.8
	08/14/2008	3.5
	01/30/2009	3.4
	08/18/2009	3.1
	01/22/2010	3.4
	08/16/2010	2.7
	01/20/2011	3.18
	08/29/2011	3.28
	01/18/2012	2.42

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-36	08/07/2002	5 U
	01/26/2004	5 U
	04/28/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1 U
	08/08/2006	1 U
	01/24/2007	1
	08/15/2007	1.4
	01/22/2008	1 U
	08/19/2008	1 U
	01/30/2009	1 U
	08/19/2009	1 U
	01/26/2010	1 U
	08/16/2010	1 U
	01/21/2011	0.66
	08/30/2011	0.671
	01/19/2012	0.819
MW-37	08/12/2002	4 U
	01/27/2004	5 U
	04/29/2004	5 U
	08/06/2004	10 U
	10/22/2004	5 U
	01/26/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	08/09/2006	1 U
	01/26/2007	1 U
	08/17/2007	1.3
	01/23/2008	1 U
	08/20/2008	1 U
	01/27/2010	1 U
	08/31/2011	0.639

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-54	08/12/2008	1.1
	10/06/2008	1 U
	01/26/2009	1 U
	04/06/2009	1 U
	08/05/2009	1 U
	01/13/2010	1.1
	08/12/2010	1 U
	01/13/2011	0.675
	08/24/2011	0.808
	01/10/2012	0.836
MW-55	08/14/2008	1 U
	10/03/2008	1 U
	01/27/2009	1 U
	04/07/2009	1 U
	08/06/2009	1 U
	01/14/2010	1
	08/12/2010	1 U
	01/14/2011	1 U
	08/08/2011	0.938
	01/12/2012	1.06
MW-56	08/21/2008	2.2
	10/08/2008	3.2
	01/27/2009	2.4
	04/07/2009	2.4
	08/06/2009	2.7
	01/14/2010	2.9
	08/12/2010	2.8
	01/19/2011	2.78
	08/26/2011	2.87
	01/13/2012	3.14
MW-59	08/19/2008	**6**
	10/06/2008	2.7
	01/29/2009	3.1
	04/09/2009	4.5
	08/17/2009	4.3
	01/21/2010	1.8
	08/13/2010	4.7
	01/20/2011	3.36
	08/29/2011	3.72
	01/13/2012	2.78

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dissolved Arsenic (ug/L)
MTCA Method A Groundwater Cleanup Level (ug/L)		5
MW-62	09/08/2010	1
	01/14/2011	1 U
	08/25/2011	0.889
	01/11/2012	1.01
	08/12/2016	1.49
	01/11/2018	1.64
RNWR Monitoring Wells (LWBZ)		
MW-60	09/03/2008	1 U
	10/09/2008	1 U
	02/03/2009	1 U
	04/08/2009	1 U
	08/07/2009	1 U
	01/28/2010	1 U
	08/25/2010	1 U
	01/24/2011	0.556
	09/06/2011	0.81
	01/25/2012	0.572
MW-61	09/03/2010	1.7
	01/24/2011	1.34
	09/02/2011	1.47
	01/24/2012	1.32
MW-63	09/20/2012	0.17
	08/14/2013	0.854
	01/23/2014	0.1 U
	07/22/2014	0.281
	01/12/2015	0.1 U
	08/12/2016	0.1 U
	01/05/2018	0.1 U
	01/16/2020	0.117
	08/11/2021	0.264

NOTES:

Bold indicates detected concentration that exceeds MTCA Method A groundwater cleanup level.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

NS = not sampled.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

MAUL FOSTER ALONGI

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Dissolved Arsenic (ug/L)	Tetrachloroethene (ug/L)	Pentachlorophenol (ug/L)
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
Shallow UWBZ					
MW-46S	07/27/2004	MW48-072704	**32.6**	--	--
	10/21/2004	MW48-102104	**31.8**	--	--
	01/20/2005	MW46S012005	**47.1**	--	--
	04/26/2005	MW46S042705	**12.0**	--	--
	07/19/2005	MW46S072005	**51.2**	--	--
	10/19/2005	MW46S101905	**11**	--	--
	01/19/2006	MW46S011906	**37**	--	--
	04/27/2006	MW46S042706	**35**	--	--
	08/03/2006	MW46S080306	**40**	--	--
	10/25/2006	MW46S102506	**52**	--	--
	01/11/2007	MW46S011107	**56**	--	--
	04/11/2007	MW46S041107	**44**	--	--
	08/08/2007	MW46S080807	**42**	--	--
	01/11/2008	MW46S011108	**38**	--	--
	08/08/2008	MW46S080808	**53**	--	--
	01/20/2009	MW46S012309	**18**	--	--
	08/04/2009	MW46S080409	**43**	--	--
	01/08/2010	MW46S010810	**32**	--	--
	08/24/2011	MW46S082411	**24.1**	--	--
	08/08/2012	MW46S080812	**21.7**	--	--
	08/12/2013	MW-46S-20130812-GW	**20.8**	--	--
	01/22/2014	MW46S012214	**20.1**	--	--
	07/22/2014	MW46S072214	**39.4**	--	--
	01/14/2015	MW46S011415	**14.5**	--	--
	08/15/2016	MW46S081516	**28.5**	--	--
	01/08/2018	MW465010818	2.65	--	--
	01/15/2020	MW46S011520	**19**	--	--
	08/10/2021	MW46S081021	**12.9**	--	--
Deep UWBZ					
MW-29	08/06/2002	GW-123	--	**28**	--
	01/22/2004	MW29-012204	--	**27**	--
	04/30/2004	MW29-043004	--	**21**	--
MW-29D	10/21/2004	MW29R-102104	--	**17**	--
	01/19/2005	MW29D011905	--	**18.8**	--
	04/26/2005	MW29D042605	--	**20.1**	--
	07/19/2005	MW29D071905	--	**13.4 J**	--
	10/18/2005	MW29D101805	--	**9.12**	--
	01/18/2006	MW29D011806	--	**11.6**	--
	04/26/2006	MW29D042606	--	**13.7**	--
	08/01/2006	MW29D080106	--	**6.51**	--

MAUL FOSTER ALONGI

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Dissolved Arsenic (ug/L)	Tetrachloroethene (ug/L)	Pentachlorophenol (ug/L)
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW-29D (cont.)	10/24/2006	MW29D102406	--	**18.8**	--
	01/09/2007	MW29D010907	--	**18.5**	--
	04/10/2007	MW29D041007	--	**5.61**	--
	08/07/2007	MW29D080707	--	**15.2**	--
	01/10/2008	MW29D011008	--	**15.1**	--
	08/07/2008	MW29D080708	--	**4.60**	--
	01/20/2009	MW29D012109	--	**11.1**	--
	08/03/2009	MW29D080309	--	**9.84**	--
	01/07/2010	MW29D010710	--	**12.1**	--
	08/22/2011	MW29D082211	--	**9.85**	--
	01/26/2012	MW29D012612	--	**8.73**	--
	08/08/2012	MW29D080812	--	**3.87**	--
	08/12/2013	MW-29D-20130812-GW	--	**2.26**	--
	01/21/2014	MW29D012114	--	**2.56**	--
	07/22/2014	MW29D072214	--	**2.01**	--
	01/12/2015	MW29D011215	--	**1.8**	--
	08/15/2016	MW29D081516	--	1 U	--
	01/08/2018	MW29D010818	--	**5.92**	--
	01/15/2020	MW29D011520	--	1 U	--
	08/10/2021	MW29D081021	--	1 U	--
MW-45D	07/26/2004	MW45-072604	--	**6.3**	**120**
	10/21/2004	MW45-102104	--	**6.8**	**120 J**
	01/20/2005	MW45D012005	--	**5.68**	**24.2**
	04/26/2005	MW45D042705	--	**6.78**	**105**
	04/26/2005	MW45D042705-Dup	--	**6.36**	**114**
	07/19/2005	MW45D072005	--	**4.96 J**	**81**
	10/21/2005	MW45D102105	--	**2.06**	**64.5**
	10/21/2005	MW45D102105-DUP	--	**2.14**	**56.3**
	01/19/2006	MW45D011906	--	1 U	**47.0**
	04/28/2006	MW45D042806	--	**3.52**	**61.8**
	04/28/2006	MW45D042806-Dup	--	**3.36**	**72.9**
	08/03/2006	MW45D080306	--	1 U	**75.2**
	08/03/2006	MW45D080306-Dup	--	1 U	**84.0**
	10/25/2006	MW45D102506	--	**5.04**	**72.0**
	10/25/2006	MW45D102506-Dup	--	**5.24**	**58.8**
	01/10/2007	MW45D011007	--	**5.14**	**38.2**
	01/10/2007	MW45D011007-Dup	--	**4.98**	**38.1**
	04/11/2007	MW45D041107	--	1 U	**35.9**
	04/11/2007	MW45D041107-Dup	--	1 U	**28.6**
	08/08/2007	MW45D080807	--	1 U	**36.7**
	01/11/2008	MW45D011108	--	**4.51**	**70.1**

MAUL FOSTER ALONGI

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Dissolved Arsenic (ug/L)	Tetrachloroethene (ug/L)	Pentachlorophenol (ug/L)
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW45D (cont.)	08/08/2008	MW45D080808	--	1 U	**34.9**
	01/20/2009	MW45D012209	--	**3.16**	**40.2**
	01/20/2009	MW45D012209-Dup	--	**3.2**	**45.3**
	08/04/2009	MW45D080409	--	**3.08**	**53.0**
	01/07/2010	MW45D010710	--	**3.65**	**35.5**
	08/24/2011	MW45D082411	--	**5.75**	**19.4**
	08/24/2011	MW45D082411-Dup	--	**5.7**	**50.6**
	08/08/2012	MW45D080812	--	**5.66**	**29**
	08/08/2012	MW45DDUP080812	--	**6.3**	**30.5**
	08/12/2013	MW-45D-20130812-GW	--	**3.03 J**	0.5 UJ
	08/12/2013	MW-45D-20130812-GW-DUP	--	**1.07 J**	**3.44**
	01/22/2014	MW45D012214	--	**3.59**	**34.8**
	01/22/2014	MW45DDUP012214	--	**3.48**	**37.2**
	07/22/2014	MW45D072214	--	**4.47**	**21.5**
	07/22/2014	MW45DDUP072214	--	**3.68**	**22.4**
	01/14/2015	MW45D011415	--	**3.79**	**16.2**
	01/14/2015	MW45DDUP011415	--	**3.64**	**18.7**
	08/15/2016	MW45D081516	--	**1.45**	**9.96**
	08/15/2016	MW45DDUP081516	--	**1.53**	**9.2**
	01/08/2018	MW45D010818	--	**3.84**	**15.8**
	01/08/2018	MW45DDUP010818	--	**3.96**	**16**
	01/15/2020	MW45D011520	--	**4.15**	**15.5**
	01/15/2020	MW45D011520-DUP	--	**4.42**	**20.9**
	08/10/2021	MW45D081021	--	**3.34**	**12**
	08/10/2021	MW45D081021-DUP	--	**3.44**	**13.3**
MW-46D	07/27/2004	MW47-072704	--	**9.3**	--
	10/21/2004	MW47-102104	--	**9.8**	--
	01/20/2005	MW46D012005	--	**8.95**	--
	04/26/2005	MW46D042705	--	**10.7**	--
	07/19/2005	MW46D072005	--	**7.82 J**	--
	10/19/2005	MW46D101905	--	**3.76**	--
	01/19/2006	MW46D011906	--	**3.92**	--
	04/27/2006	MW46D042706	--	**5.91**	--
	08/03/2006	MW46D080306	--	**1.71**	--
	10/25/2006	MW46D102506	--	**7.96**	--
	01/11/2007	MW46D011107	--	**7.83**	--
	04/11/2007	MW46D041107	--	1 U	--
	08/08/2007	MW46D080807	--	1 U	--
	01/11/2008	MW46D011108	--	**6.85**	--
	08/08/2008	MW46D080808	--	**2.2**	--
	01/20/2009	MW46D012309	--	**5.13**	--
	08/04/2009	MW46D080409	--	**5.05**	--
	01/08/2010	MW46D010810	--	**6.4**	--
	08/22/2011	MW46D082211	--	**6.9**	--
	08/08/2012	MW46D080812	--	**6.95**	--
	08/12/2013	MW-46D-20130812-GW	--	**3.67**	--
	01/22/2014	MW46D012214	--	**3.31**	--
	07/22/2014	MW46D072214	--	**4.21**	--
	01/14/2015	MW46D011415	--	**2.93**	--
	08/15/2016	MW46D081516	--	**2.19**	--
	01/08/2018	MW46D010818	--	1 U	--
	01/15/2020	MW46D011520	--	**6.55**	--
	08/10/2021	MW46D081021	--	**4.95**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Dissolved Arsenic (ug/L)	Tetrachloroethene (ug/L)	Pentachlorophenol (ug/L)
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW-47D	07/26/2004	MW50-072604	--	**20**	--
	10/21/2004	MW50-102104	--	**19**	--
	01/19/2005	MW47D011905	--	**17.2**	--
	04/26/2005	MW47D042605	--	**20.8**	--
	07/19/2005	MW47D071905	--	**14.5 J**	--
	10/18/2005	MW47D101805	--	**8.28**	--
	01/18/2006	MW47D011806	--	**9.45**	--
	04/26/2006	MW47D042606	--	**8.61**	--
	08/01/2006	MW47D080106	--	**9.61**	--
	10/24/2006	MW47D102406	--	**15.3**	--
	01/09/2007	MW47D010907	--	**15.5**	--
	04/10/2007	MW47D041007	--	**2.27**	--
	08/07/2007	MW47D080707	--	**7.12**	--
	01/10/2008	MW47D011008	--	**13.6**	--
	08/07/2008	MW47D080708	--	**4.58**	--
	01/20/2009	MW47D012109	--	**11.0**	--
	08/03/2009	MW47D080309	--	**8.64**	--
	01/07/2010	MW47D010710	--	**7.86**	--
	08/22/2011	MW47D082211	--	**15.4**	--
	01/26/2012	MW47D012612	--	**14.2**	--
	08/08/2012	MW47D080812	--	**14.4**	--
	08/12/2013	MW-47D-20130812-GW	--	**7.66**	--
	01/21/2014	MW47D012114	--	**10.4**	--
	07/22/2014	MW47D072214	--	**10.2**	--
	01/12/2015	MW47D011215	--	**8.41**	--
	08/15/2016	MW47D081516	--	**4.22**	--
	01/08/2018	MW47D010818	--	**1**	--
	01/15/2020	MW47D011520	--	**6.47**	--
	08/10/2021	MW47D081021	--	**3.92**	--

NOTES:

Bold number indicates detected concentration that exceeds CUL. Non-detect results were not evaluated.

-- = not analyzed.

CUL = cleanup level.

J = result for this analyte is an estimated concentration.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UJ = result is non-detect with an estimated reporting limit.

UWBZ = upper water-bearing zone.

[a]MTCA Method A CUL.

Table 7
Proposed POC Monitoring Wells and Analytical Testing Summary
as of January 2024
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis			Justification for Monitoring
		SVOCs by EPA 8270E	Dissolved Arsenic by EPA 6020B	VOCs by EPA 8260D	
LWBZ					
MW-55	x	PCP only	--	--	PCP detections consistent and no VOC exceedance since 2016. Reduce to PCP only.
MW-56	x	PCP only	--	--	PCP detections consistent and no historical VOC exceedances. Reduce to PCP only.
MW-61	x	--	--	--	PCP and VOCs never detected. Reduce to depth to water only.
MW-62	x	PCP only	--	--	PCP increase in comparison to prior events and no historical VOC detections. Reduce to PCP only.
MW-63	x	x	x	PCE only	Aresenic and VOC detections are historically consistent and only VOC detection was for PCE in 2018. PCE non-detect in 2020 and 2021. Reduce VOCs analysis to PCE only.
UWBZ Shallow UWBZ					
MW-46S	x	--	x	--	Arsenic exceedances present but consistent. No change.
MW-55S	x	x	x	x	Consistent SVOC, VOC, and arsenic exceedances and/or detections. No change.
MW-57S	x	x	x	x	Consistent SVOC, VOC, and arsenic exceedances and/or detections. No change.
RMW-2s	x	PCP only	--	--	PCP increase in comparison to prior events. No change.
Deep UWBZ					
MW-29D	x	--	--	PCE only	PCE detections decreasing with non-detect results in both 2020 and 2021. Continue monitoring for informational purposes since well is located upgradient of plumes. No change.
MW-45D	x	PCP only	--	PCE only	PCP and PCE exceedances consistent. No change.
MW-46D	x	--	--	PCE only	PCE exceedances are consistent. No change.
MW-47D	x	--	--	PCE only	PCE exceedances are consistent. No change.
MW-55D	x	PCP only	x	x	Consistent PCP, VOC, and arsenic exceedances and/or detections. Slightly elevated vinyl chloride detections. No change.
MW-57D	x	PCP only	x	x	Consistent VOC and arsenic exceedances and/or detections. Slightly elevated PCP detections. No other SVOC exceedances in both 2020 and 2021. Reduce to PCE only. Arsenic and VOCs remain.
MW-58D	x	PCP only	x	x	Consistent PCP, VOC, and arsenic exceedances and/or detections. No change.
USDFW-1	x	--	--	--	No PCP exceedance since 2006. No VOC detection since 2012. Arsenic below CUL since 2014. Reduce to depth to water only.
RMW-2d	x	PCP only	--	--	No PCP exeedance in 2015 and 2016, PCP exceedance in 2018, and no PCP exceedance in 2020 and 2021. No change.

Table 7
Proposed POC Monitoring Wells and Analytical Testing Summary
as of January 2024
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

-- = not analyzed.

IHS = indicator hazardous substance.

only = only wells with consistent-IHS detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

LWBZ = lower water-bearing zone.

PCP = pentachlorophenol.

PCE = tetrachloroethene.

POC = point of compliance.

SVOC = semivolatile organic compound.

EPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = action or analysis is to be conducted during each monitoring event.

FIGURES

Source: Aerial photograph obtained from ArcGIS Online.

Legend

Monitoring Wells

- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Cell Boundaries within Lake River Industrial Site

Figure 1
Monitoring Well Locations

Port of Ridgefield
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

0 100 200
Feet

Path: X:\0003.01 Port of Ridgefield\02807\Projects\Fig1 Monitoring Well Locations.mxd
Print Date: 10/12/2021
Approved By: mpollock
Produced By: mjosef
Project: 0003.01.2807

Source:
Aerial photograph obtained from ArcGIS Online.
Potentiometric surface generated using ArcGIS Spatial Analyst natural neighbor interpolation.

Legend

Monitoring Wells
- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Groundwater flow direction (approximate)

Groundwater elevation contours (1ft)

Figure 2
Groundwater Potentiometric Map for Lower Water-Bearing Zone

Port of Ridgefield
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield,2807\Projects\Fig2_Groundwater_Potentiometric_Map.mxd
Print Date: 10/7/2021
Approved By: mpollock
Produced By: slurner
Project: 9003.01.2807

ATTACHMENT A

FIELD SAMPLING DATA SHEETS

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-29D
Project Name	Groundwater, POR	**Sample Name**	MW29D081021
Operable Unit		**Sample Depth**	53
Area of Concern		**Sampling Date**	08/10/2021
Cell	3	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	8:10:00 AM	55.84		16.56		39.28	6.4

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	9:47:00 AM	0.5	0.22	5.86	15.7	299.8	2.34	106.1	0
	9:51:00 AM	0.7	0.22	5.88	15.4	305.2	1.44	102.9	0
	9:55:00 AM	0.9	0.22	5.96	15.4	309.6	0.97	95.0	0
	9:59:00 AM	1.1	0.22	6.05	15.5	311.4	0.87	87.2	0
Final Field Parameters:	10:03:00 AM	1.3	0.22	6.06	15.5	312.2	0.86	80.2	0

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
(1) Submersible Pump	Groundwater	10:03:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 09:37.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-45D
Project Name	Groundwater, POR	**Sample Name**	MW45D081021
Operable Unit		**Sample Depth**	48
Area of Concern		**Sampling Date**	08/10/2021
Cell	3	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	12:54:00 PM	50.12		17.18		32.94	5.37

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:07:00 PM	0.5	0.14	6.32	17.6	226.8	2.18	78.9	2.48
	1:11:00 PM	0.65	0.14	6.31	17.7	226.8	1.96	79.6	0.77
	1:15:00 PM	0.8	0.14	6.31	17.7	227.7	1.89	79.6	1.1
Final Field Parameters:	1:19:00 PM	0.95	0.14	6.31	17.8	227.3	1.87	78.7	0.64

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
(1) Submersible Pump	Groundwater	1:19:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments:

Began purging at 12:57.
Duplicate sample MW45D081021-DUP also collected at this location.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-46D
Project Name	Groundwater, POR	**Sample Name**	MW46D081021
Operable Unit		**Sample Depth**	47
Area of Concern		**Sampling Date**	08/10/2021
Cell	3	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	11:03:00 AM	50.09		10.44		39.65	6.46

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:05:00 AM	0.8	0.4	6.43	18.7	183.4	6.02	76.2	2.02
	11:09:00 AM	1.2	0.4	6.26	14.8	184.1	2.55	73.8	1.67
	11:13:00 AM	1.5	0.3	6.16	16	182.9	2.24	77.9	1.89
	11:17:00 AM	1.8	0.3	6.2	16.1	184.4	2.25	74.6	1.94
Final Field Parameters:	11:21:00 AM	2.1	0.3	6.22	16.1	184.7	2.22	72.6	1.79

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
(1) Submersible Pump	Groundwater	11:21:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 10:55.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-46S
Project Name	Groundwater, POR	**Sample Name**	MW46S081021
Operable Unit		**Sample Depth**	24
Area of Concern		**Sampling Date**	08/10/2021
Cell	3	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	11:28:00 AM	27.27		10.6		16.67	2.72

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:40:00 AM	0.4	0.12	6.65	17.5	508.2	1.17	48.7	188
	11:58:00 AM	1	0.12	6.63	19.1	522.8	0.88	32.9	83.6
	12:02:00 PM	1.1	0.12	6.64	19.2	528.9	0.85	31.1	72.5
	12:06:00 PM	1.2	0.12	6.63	19.4	532.5	0.8	29.2	60.8
	12:16:00 PM	1.3	0.12	6.62	19.8	540.5	0.71	26.6	43.7
	12:20:00 PM	1.4	0.12	6.62	19.9	545.2	0.73	24.4	39.1
Final Field Parameters:	12:24:00 PM	1.5	0.12	6.62	19.9	546.2	0.69	23.4	38.5

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: Slightly turbid, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	12:24:00 PM	VOA-Glass		
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	1	

General Sampling Comments: Began purging at 11:30.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-47D
Project Name	Groundwater, POR	**Sample Name**	MW47D081021
Operable Unit		**Sample Depth**	48
Area of Concern		**Sampling Date**	08/10/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	10:13:00 AM	51.5		14.13		37.37	6.09

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	10:25:00 AM	0.5	0.2	6.31	16.9	263.1	2.35	74.3	0.41
	10:29:00 AM	0.7	0.2	6.29	16.9	263.2	1.73	73.5	0.45
	10:33:00 AM	0.9	0.2	6.25	16.8	263.1	1.27	72.8	0.48
	10:37:00 AM	1.1	0.2	6.25	16.9	262.7	1.23	72.7	0.43
Final Field Parameters:	10:41:00 AM	1.3	0.2	6.25	16.9	263	1.27	71.9	0.44

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
(1) Submersible Pump	Groundwater	10:41:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 10:13.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55
Project Name	Groundwater, POR	**Sample Name**	MW55081121
Operable Unit		**Sample Depth**	100
Area of Concern		**Sampling Date**	08/11/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	12:48:00 PM	102.6		17.89		84.71	13.81

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	2:30:00 PM	0.8	0.3	6.57	15.2	304.9	0.62	88.4	0.85
	2:34:00 PM	1.1	0.3	6.54	15.1	304.8	0.31	89.2	0.69
	2:38:00 PM	1.4	0.3	6.56	15	304.9	0.25	88.0	0.77
Final Field Parameters:	2:44:00 PM	1.7	0.3	6.57	15	304.8	0.23	87.5	0.83

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
(1) Submersible Pump	Groundwater	2:44:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments:

Began purging at 14:20.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55D
Project Name	Groundwater, POR	**Sample Name**	MW55D081121
Operable Unit		**Sample Depth**	75
Area of Concern		**Sampling Date**	08/11/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	12:46:00 PM	78.35		17.92		60.43	9.85

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:40:00 PM	0.5	0.2	6.5	15.7	365.8	1.31	90.2	30.3
	1:44:00 PM	0.7	0.2	6.55	15.8	414	1.12	89.6	25.4
	1:48:00 PM	0.9	0.2	6.59	16	448	0.73	88.0	27.2
	1:52:00 PM	1.1	0.2	6.62	16	482.6	0.63	87.2	36.9
	1:56:00 PM	1.3	0.2	6.63	16.1	527.3	0.49	86.2	45.5
	2:00:00 PM	1.5	0.2	6.64	16.2	533.4	0.51	85.9	50.4
Final Field Parameters:	2:04:00 PM	1.7	0.2	6.65	16.2	538.9	0.46	85.4	40.4

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 turbid, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	2:04:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 13:30.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55S
Project Name	Groundwater, POR	**Sample Name**	MW55S081121
Operable Unit		**Sample Depth**	32
Area of Concern		**Sampling Date**	08/11/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	12:33:00 PM	34.33		12.96		21.37	3.48

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	12:48:00 PM	0.5	0.2	6.59	15.8	813	0.41	80.0	7.06
	12:52:00 PM	0.7	0.2	6.58	15.7	810	0.39	79.2	7.66
	12:56:00 PM	0.9	0.2	6.59	15.8	813	0.36	78.5	7.54
Final Field Parameters:	1:00:00 PM	1.1	0.2	6.62	15.8	816	0.28	77.4	6.93

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, strong petroleum hydrocarbon-like odor.

Sample Information

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

General Sampling Comments: Began purging at 12:38.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-56
Project Name	Groundwater, POR	**Sample Name**	MW56081121
Operable Unit		**Sample Depth**	113
Area of Concern		**Sampling Date**	08/11/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	2:57:00 PM	116.1		14.86		101.24	16.5

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	3:08:00 PM	0.5	0.2	6.81	17.9	273.9	0.76	89.6	2.25
	3:12:00 PM	0.7	0.2	6.75	17.8	272.6	0.77	92.2	1.3
Final Field Parameters:	3:16:00 PM	0.9	0.2	6.73	17.8	269.4	0.75	91.5	1.06

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
(1) Submersible Pump	Groundwater	3:16:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 14:58.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-57D
Project Name	Groundwater, POR	**Sample Name**	MW57D081021
Operable Unit		**Sample Depth**	76
Area of Concern		**Sampling Date**	08/10/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	2:29:00 PM	78.11		23.42		54.69	8.91

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	3:14:00 PM	0.75	0.33	6.88	14.9	550.5	0.22	103.6	6.19
	3:18:00 PM	1	0.33	6.87	15	560.1	0.18	100.6	6.48
Final Field Parameters:	3:22:00 PM	1.3	0.33	6.92	15	562.1	0.17	99.7	7.16

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, petroleum hydrocarbon-like odor, effervescent.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	3:22:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments:

Began purging at 15:04.
Duplicate sample MW57D081021-DUP also collected at this location.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-57S
Project Name	Groundwater, POR	**Sample Name**	MW57S081021
Operable Unit		**Sample Depth**	27
Area of Concern		**Sampling Date**	08/10/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	2:27:00 PM	29.91		16.7		13.21	2.15

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	2:40:00 PM	0.7	0.3	6.62	14.7	750	0.15	85.8	6.5
	2:44:00 PM	1	0.3	6.63	14.7	750	0.14	83.0	7.6
Final Field Parameters:	2:48:00 PM	1.3	0.3	6.63	14.7	750	0.13	82.1	6.77

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, strong petroleum hydrocarbon-like odor, effervescent.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	2:48:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 14:30.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-58D
Project Name	Groundwater, POR	**Sample Name**	MW58D081121
Operable Unit		**Sample Depth**	75
Area of Concern		**Sampling Date**	08/11/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	3:00:00 PM	78.23		15.28		62.95	10.26

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	3:39:00 PM	0.5	0.2	6.4	16.1	530.4	0.43	97.3	1.15
	3:43:00 PM	0.7	0.2	6.42	16.1	532.2	0.3	95.9	0.84
Final Field Parameters:	3:47:00 PM	0.9	0.2	6.44	16	533.2	0.22	94.0	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
(1) Submersible Pump	Groundwater	3:47:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 15:29.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-61
Project Name	Groundwater, POR	**Sample Name**	MW61081121
Operable Unit		**Sample Depth**	102
Area of Concern		**Sampling Date**	08/11/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	10:58:00 AM	105.37		13.97		91.4	14.9

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:10:00 AM	0.4	0.15	3.97	15.7	297.7	0.81	81.9	3.42
	11:20:00 AM	0.8	0.15	3.19	16.6	297.9	2.05	77.7	1.56
	11:30:00 AM	1.2	0.15	3.89	16.7	297.5	1.77	82.6	0.49
	11:44:00 AM	1.35	0.15	5.38	17.1	297.5	1.55	79.4	0.93
	11:48:00 AM	1.5	0.15	5.36	17	298.3	1.5	79.3	0.74
Final Field Parameters:	11:52:00 AM	1.8	0.15	5.46	17.1	297.8	1.49	79.5	0.39

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
(1) Submersible Pump	Groundwater	11:52:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 11:00.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-62
Project Name	Groundwater, POR	**Sample Name**	MW62081021
Operable Unit		**Sample Depth**	109
Area of Concern		**Sampling Date**	08/10/2021
Cell	2	**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/10/2021	1:48:00 PM	111.42		16.31		95.11	15.5

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:59:00 PM	0.5	0.18	6.71	16.4	275.4	0.62	93.9	5.13
	2:03:00 PM	0.7	0.18	6.71	16.3	275.6	0.47	93.7	3.15
Final Field Parameters:	2:07:00 PM	0.9	0.18	6.72	16.4	276.1	0.38	72.7	2.93

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
(1) Submersible Pump	Groundwater	2:07:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 13:49.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-63
Project Name	Groundwater, POR	**Sample Name**	MW63081121
Operable Unit		**Sample Depth**	112
Area of Concern		**Sampling Date**	08/11/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	10:09:00 AM	117.3		11.48		105.82	17.25

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	10:20:00 AM	0.6	0.25	6.68	13.9	339.2	2.32	119.8	16.7
	10:24:00 AM	0.85	0.25	7.08	14	339.6	1.01	112.4	9.49
	10:28:00 AM	1.1	0.25	7.3	14	340.2	0.63	107.2	7.13
	10:32:00 AM	1.35	0.25	7.46	14	340.2	0.59	103.2	5.12
Final Field Parameters:	10:36:00 AM	1.6	0.25	7.48	14.1	340.5	0.61	102.7	4.6

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
(1) Submersible Pump	Groundwater	10:36:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 10:10.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	RMW-2D
Project Name	Groundwater, POR	**Sample Name**	RMW2D081121
Operable Unit		**Sample Depth**	30
Area of Concern		**Sampling Date**	08/11/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	8:41:00 AM	32.2		7.74		24.46	3.99

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	9:28:00 AM	0.4	0.15	6.56	13.9	281.7	2.83	101.4	6.61
	9:32:00 AM	0.55	0.15	6.56	13.2	281.8	1.47	99.8	5.24
	9:36:00 AM	0.7	0.15	6.69	13.7	280.3	1.75	92.7	3.93
	9:40:00 AM	0.85	0.15	6.71	13.7	281.1	1.77	90.8	2.95
Final Field Parameters:	9:44:00 AM	1	0.15	6.77	13.7	281.6	1.77	89.2	2.83

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
(1) Submersible Pump	Groundwater	9:44:00 AM	VOA-Glass	1	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	1	

General Sampling Comments: Began purging at 09:18.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	RMW-2S
Project Name	Groundwater, POR	**Sample Name**	RMW2S081121
Operable Unit		**Sample Depth**	16
Area of Concern		**Sampling Date**	08/11/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	8:39:00 AM	22.7		6.96		15.74	2.57

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	8:53:00 AM	0.6	0.2	6.46	14.3	298.7	0.7	94.9	4.74
	8:57:00 AM	0.8	0.2	6.5	14.3	298.4	0.69	91.4	5.21
Final Field Parameters:	9:01:00 AM	1	0.2	6.54	14.3	298.4	0.67	88.3	4.15

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
(1) Submersible Pump	Groundwater	9:01:00 AM	VOA-Glass	1	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	1	

General Sampling Comments: Began purging at 08:43.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	USDFW-1
Project Name	Groundwater, POR	**Sample Name**	USDFW1081121
Operable Unit		**Sample Depth**	20
Area of Concern		**Sampling Date**	08/11/2021
Cell		**Sampler**	M. Pollock
FSDS QA	F. Bellows; 8/27/2021	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
8/11/2021	7:45:00 AM	22.7		6.4		16.3	2.66

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	8:01:00 AM	0.7	0.28	6.61	16.7	446.2	2.77	114.5	55.7
	8:05:00 AM	1	0.28	6.67	16.6	449.2	2.83	106.2	17.2
	8:09:00 AM	1.3	0.28	6.72	16.6	452.3	2.74	99.6	5.48
	8:13:00 AM	1.6	0.28	6.71	16.5	455.9	2.7	96.4	5.26
Final Field Parameters:	8:17:00 AM	1.9	0.28	6.72	16.5	455.3	2.7	94.4	4.16

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
(1) Submersible Pump	Groundwater	8:17:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 07:51.

Signature _____

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

September 17, 2021

Andrew Vidourek
Maul Foster & Alongi
109 East 13th Street
Vancouver, WA 98660
TEL:
FAX:

RE: Port of Ridgefield / 9003.01.28 Order No.: 2108078

Dear Andrew Vidourek:

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

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

Case Narrative

WO#: **2108078**
Date: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28

Revision 1.

Report revised to remove J flags.

Revision 2.

Report revised to correct results for sample MW46S081021 by EPA 8270.

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-001
Client Sample ID MW29D081021

Collection Date: 8/10/2021 10:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	8/17/2021 9:58:00 PM
Surr: 1,2-Dichloroethane-d4	103	75.3 - 126		%Rec	1	8/17/2021 9:58:00 PM
Surr: 4-Bromofluorobenzene	98.6	78.1 - 120		%Rec	1	8/17/2021 9:58:00 PM
Surr: Dibromofluoromethane	100	74.2 - 122		%Rec	1	8/17/2021 9:58:00 PM
Surr: Toluene-d8	102	76.2 - 135		%Rec	1	8/17/2021 9:58:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-002
Client Sample ID MW47D081021

Collection Date: 8/10/2021 10:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Tetrachloroethene	3.92	1.00		µg/L	1	8/17/2021 10:43:00 PM
Surr: 1,2-Dichloroethane-d4	105	75.3 - 126		%Rec	1	8/17/2021 10:43:00 PM
Surr: 4-Bromofluorobenzene	98.6	78.1 - 120		%Rec	1	8/17/2021 10:43:00 PM
Surr: Dibromofluoromethane	102	74.2 - 122		%Rec	1	8/17/2021 10:43:00 PM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/17/2021 10:43:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-003
Client Sample ID MW46D081021

Collection Date: 8/10/2021 11:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Tetrachloroethene	4.95	1.00		µg/L	1	8/17/2021 11:05:00 PM
Surr: 1,2-Dichloroethane-d4	105	75.3 - 126		%Rec	1	8/17/2021 11:05:00 PM
Surr: 4-Bromofluorobenzene	98.0	78.1 - 120		%Rec	1	8/17/2021 11:05:00 PM
Surr: Dibromofluoromethane	102	74.2 - 122		%Rec	1	8/17/2021 11:05:00 PM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/17/2021 11:05:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-004
Client Sample ID MW46S081021

Collection Date: 8/10/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	12.9	0.100		µg/L	1	8/13/2021 1:54:10 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-005
Client Sample ID MW45D081021

Collection Date: 8/10/2021 1:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	12.0	1.59		µg/L	1	8/30/2021 11:31:00 AM
Surr: 2,4,6-Tribromophenol	58.5	33.1 - 99.7		%Rec	1	8/30/2021 11:31:00 AM
Surr: 2-Fluorophenol	24.5	13.4 - 57.1		%Rec	1	8/30/2021 11:31:00 AM
Surr: Phenol-d6	21.8	10.6 - 38.5		%Rec	1	8/30/2021 11:31:00 AM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Tetrachloroethene	3.34	1.00		µg/L	1	8/17/2021 11:27:00 PM
Surr: 1,2-Dichloroethane-d4	104	75.3 - 126		%Rec	1	8/17/2021 11:27:00 PM
Surr: 4-Bromofluorobenzene	98.3	78.1 - 120		%Rec	1	8/17/2021 11:27:00 PM
Surr: Dibromofluoromethane	101	74.2 - 122		%Rec	1	8/17/2021 11:27:00 PM
Surr: Toluene-d8	103	76.2 - 135		%Rec	1	8/17/2021 11:27:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-006
Client Sample ID MW45D081021-DUP

Collection Date: 8/10/2021 1:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	13.3	1.55		µg/L	1	8/30/2021 1:04:00 PM
Surr: 2,4,6-Tribromophenol	67.0	33.1 - 99.7		%Rec	1	8/30/2021 1:04:00 PM
Surr: 2-Fluorophenol	29.2	13.4 - 57.1		%Rec	1	8/30/2021 1:04:00 PM
Surr: Phenol-d6	32.7	10.6 - 38.5		%Rec	1	8/30/2021 1:04:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Tetrachloroethene	3.44	1.00		µg/L	1	8/17/2021 11:49:00 PM
Surr: 1,2-Dichloroethane-d4	105	75.3 - 126		%Rec	1	8/17/2021 11:49:00 PM
Surr: 4-Bromofluorobenzene	98.1	78.1 - 120		%Rec	1	8/17/2021 11:49:00 PM
Surr: Dibromofluoromethane	103	74.2 - 122		%Rec	1	8/17/2021 11:49:00 PM
Surr: Toluene-d8	103	76.2 - 135		%Rec	1	8/17/2021 11:49:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-007
Client Sample ID MW62081021

Collection Date: 8/10/2021 2:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	274	14.7		µg/L	10	8/30/2021 4:07:00 PM
Surr: 2,4,6-Tribromophenol	63.1	33.1 - 99.7		%Rec	10	8/30/2021 4:07:00 PM
Surr: 2-Fluorophenol	21.5	13.4 - 57.1		%Rec	10	8/30/2021 4:07:00 PM
Surr: Phenol-d6	34.7	10.6 - 38.5		%Rec	10	8/30/2021 4:07:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 12:12:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 12:12:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 12:12:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 12:12:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 12:12:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 12:12:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-007
Client Sample ID MW62081021

Collection Date: 8/10/2021 2:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 12:12:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 12:12:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 12:12:00 AM
Naphthalene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 12:12:00 AM
Surr: 1,2-Dichloroethane-d4	105	75.3 - 126		%Rec	1	8/18/2021 12:12:00 AM
Surr: 4-Bromofluorobenzene	98.4	78.1 - 120		%Rec	1	8/18/2021 12:12:00 AM
Surr: Dibromofluoromethane	102	74.2 - 122		%Rec	1	8/18/2021 12:12:00 AM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/18/2021 12:12:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-008
Client Sample ID MW57S081021

Collection Date: 8/10/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	99.2	0.100		µg/L	1	8/13/2021 1:57:35 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
1-Methylnaphthalene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,3,4,6-Tetrachlorophenol	4.59	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,3,4-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,3,5,6-Tetrachlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,3,5-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,3,6-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,4,5-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2,4,6-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
2-Methylnaphthalene	900	100		µg/L	100	8/30/2021 4:37:00 PM
3,4,5-Trichlorophenol	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Acenaphthene	487	10.0		µg/L	10	8/30/2021 2:04:00 PM
Acenaphthylene	5.61	1.00		µg/L	1	8/31/2021 9:55:00 PM
Anthracene	9.57	1.00		µg/L	1	8/31/2021 9:55:00 PM
Benz(a)anthracene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Benzo(a)pyrene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Benzo(b)fluoranthene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Benzo(g,h,i)perylene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Benzo(k)fluoranthene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Carbazole	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Chrysene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Dibenz(a,h)anthracene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Dibenzofuran	213	10.0		µg/L	10	8/30/2021 2:04:00 PM
Fluoranthene	4.44	1.00		µg/L	1	8/31/2021 9:55:00 PM
Fluorene	161	10.0		µg/L	10	8/30/2021 2:04:00 PM
Indeno(1,2,3-cd)pyrene	ND	1.00		µg/L	1	8/31/2021 9:55:00 PM
Naphthalene	7260	100		µg/L	100	8/30/2021 4:37:00 PM
Pentachlorophenol	35.5	15.0		µg/L	10	8/30/2021 2:04:00 PM
Phenanthrene	109	10.0		µg/L	10	8/30/2021 2:04:00 PM
Pyrene	2.19	1.00		µg/L	1	8/31/2021 9:55:00 PM
Surr: 2,4,6-Tribromophenol	66.6	33.1 - 99.7		%Rec	1	8/31/2021 9:55:00 PM
Surr: 2-Fluorobiphenyl	78.9	33.1 - 96.2		%Rec	1	8/31/2021 9:55:00 PM
Surr: 2-Fluorophenol	41.6	13.4 - 57.1		%Rec	1	8/31/2021 9:55:00 PM
Surr: 4-Terphenyl-d14	115	41 - 122		%Rec	1	8/31/2021 9:55:00 PM
Surr: Nitrobenzene-d5	59.3	28.9 - 99.9		%Rec	1	8/31/2021 9:55:00 PM
Surr: Phenol-d6	28.8	10.6 - 38.5		%Rec	1	8/31/2021 9:55:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-008
Client Sample ID MW57S081021

Collection Date: 8/10/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2,4-Trimethylbenzene	171	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,3,5-Trimethylbenzene	59.8	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 12:34:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 12:34:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 12:34:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 12:34:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 12:34:00 AM
Benzene	0.980	0.300		µg/L	1	8/18/2021 12:34:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 12:34:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-008
Client Sample ID MW57S081021

Collection Date: 8/10/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Ethylbenzene	117	1.00		µg/L	1	8/18/2021 12:34:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Isopropylbenzene	26.2	1.00		µg/L	1	8/18/2021 12:34:00 AM
m,p-Xylene	120	2.00		µg/L	1	8/18/2021 12:34:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 12:34:00 AM
Naphthalene	18000	100		µg/L	100	8/23/2021 7:44:00 PM
n-Butylbenzene	89.3	1.00		µg/L	1	8/18/2021 12:34:00 AM
n-Propylbenzene	31.3	1.00		µg/L	1	8/18/2021 12:34:00 AM
o-Xylene	91.6	1.00		µg/L	1	8/18/2021 12:34:00 AM
sec-Butylbenzene	7.89	1.00		µg/L	1	8/18/2021 12:34:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Toluene	7.47	1.00		µg/L	1	8/18/2021 12:34:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 12:34:00 AM
Surr: 1,2-Dichloroethane-d4	83.9	75.3 - 126		%Rec	1	8/18/2021 12:34:00 AM
Surr: 4-Bromofluorobenzene	99.4	78.1 - 120		%Rec	1	8/18/2021 12:34:00 AM
Surr: Dibromofluoromethane	81.9	74.2 - 122		%Rec	1	8/18/2021 12:34:00 AM
Surr: Toluene-d8	102	76.2 - 135		%Rec	1	8/18/2021 12:34:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-009
Client Sample ID MW57D081021

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	26.7	0.100		µg/L	1	8/13/2021 2:01:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
1-Methylnaphthalene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,3,4,6-Tetrachlorophenol	105	9.81		µg/L	10	8/30/2021 5:08:00 PM
2,3,4-Trichlorophenol	5.37	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,3,5-Trichlorophenol	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,3,6-Trichlorophenol	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,4,5-Trichlorophenol	23.6	0.981		µg/L	1	8/31/2021 8:54:00 PM
2,4,6-Trichlorophenol	21.8	0.981		µg/L	1	8/31/2021 8:54:00 PM
2-Methylnaphthalene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
3,4,5-Trichlorophenol	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Acenaphthene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Acenaphthylene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Anthracene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Benz(a)anthracene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Benzo(a)pyrene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Benzo(b)fluoranthene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Benzo(g,h,i)perylene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Benzo(k)fluoranthene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Carbazole	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Chrysene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Dibenz(a,h)anthracene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Dibenzofuran	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Fluoranthene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Fluorene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Naphthalene	54.9	0.981		µg/L	1	8/31/2021 8:54:00 PM
Pentachlorophenol	3130	147		µg/L	100	9/2/2021 3:32:00 PM
Phenanthrene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Pyrene	ND	0.981		µg/L	1	8/31/2021 8:54:00 PM
Surr: 2,4,6-Tribromophenol	74.2	33.1 - 99.7		%Rec	1	8/31/2021 8:54:00 PM
Surr: 2-Fluorobiphenyl	69.7	33.1 - 96.2		%Rec	1	8/31/2021 8:54:00 PM
Surr: 2-Fluorophenol	41.0	13.4 - 57.1		%Rec	1	8/31/2021 8:54:00 PM
Surr: 4-Terphenyl-d14	111	41 - 122		%Rec	1	8/31/2021 8:54:00 PM
Surr: Nitrobenzene-d5	77.1	28.9 - 99.9		%Rec	1	8/31/2021 8:54:00 PM
Surr: Phenol-d6	23.1	10.6 - 38.5		%Rec	1	8/31/2021 8:54:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-009
Client Sample ID MW57D081021

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2,4-Trimethylbenzene	1.60	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
2-Butanone	ND	10.0		µg/L	1	8/23/2021 7:00:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/23/2021 7:00:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/23/2021 7:00:00 PM
Acetone	ND	20.0		µg/L	1	8/23/2021 7:00:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/23/2021 7:00:00 PM
Benzene	15.3	0.300		µg/L	1	8/23/2021 7:00:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Bromoform	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Bromomethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/23/2021 7:00:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-009
Client Sample ID MW57D081021

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Chlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Chloroethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Chloroform	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Chloromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
cis-1,2-Dichloroethene	11.5	1.00		µg/L	1	8/23/2021 7:00:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Isopropylbenzene	6.87	1.00		µg/L	1	8/23/2021 7:00:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/23/2021 7:00:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Methylene chloride	ND	50.0		µg/L	1	8/23/2021 7:00:00 PM
Naphthalene	141	1.00		µg/L	1	8/23/2021 7:00:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
n-Propylbenzene	1.33	1.00		µg/L	1	8/23/2021 7:00:00 PM
o-Xylene	15.5	1.00		µg/L	1	8/23/2021 7:00:00 PM
sec-Butylbenzene	4.75	1.00		µg/L	1	8/23/2021 7:00:00 PM
Styrene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Tetrachloroethene	37.0	1.00		µg/L	1	8/23/2021 7:00:00 PM
Toluene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
trans-1,2-Dichloroethene	1.25	1.00		µg/L	1	8/23/2021 7:00:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Trichloroethene	8.18	1.00		µg/L	1	8/23/2021 7:00:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/23/2021 7:00:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3 - 126		%Rec	1	8/23/2021 7:00:00 PM
Surr: 4-Bromofluorobenzene	93.8	78.1 - 120		%Rec	1	8/23/2021 7:00:00 PM
Surr: Dibromofluoromethane	103	74.2 - 122		%Rec	1	8/23/2021 7:00:00 PM
Surr: Toluene-d8	109	76.2 - 135		%Rec	1	8/23/2021 7:00:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-010
Client Sample ID MW57D081021-DUP

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	26.5	0.100		µg/L	1	8/13/2021 2:19:06 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
1-Methylnaphthalene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,3,4,6-Tetrachlorophenol	99.0	9.97		µg/L	10	8/30/2021 5:38:00 PM
2,3,4-Trichlorophenol	5.22	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,3,5-Trichlorophenol	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,3,6-Trichlorophenol	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,4,5-Trichlorophenol	20.8	0.997		µg/L	1	8/31/2021 9:24:00 PM
2,4,6-Trichlorophenol	21.4	0.997		µg/L	1	8/31/2021 9:24:00 PM
2-Methylnaphthalene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
3,4,5-Trichlorophenol	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Acenaphthene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Acenaphthylene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Anthracene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Benz(a)anthracene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Benzo(a)pyrene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Benzo(b)fluoranthene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Benzo(g,h,i)perylene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Benzo(k)fluoranthene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Carbazole	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Chrysene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Dibenz(a,h)anthracene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Dibenzofuran	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Fluoranthene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Fluorene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Naphthalene	59.4	0.997		µg/L	1	8/31/2021 9:24:00 PM
Pentachlorophenol	3480	150		µg/L	100	9/2/2021 5:28:00 PM
Phenanthrene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Pyrene	ND	0.997		µg/L	1	8/31/2021 9:24:00 PM
Surr: 2,4,6-Tribromophenol	80.3	33.1 - 99.7		%Rec	1	8/31/2021 9:24:00 PM
Surr: 2-Fluorobiphenyl	90.2	33.1 - 96.2		%Rec	1	8/31/2021 9:24:00 PM
Surr: 2-Fluorophenol	45.7	13.4 - 57.1		%Rec	1	8/31/2021 9:24:00 PM
Surr: 4-Terphenyl-d14	116	41 - 122		%Rec	1	8/31/2021 9:24:00 PM
Surr: Nitrobenzene-d5	65.3	28.9 - 99.9		%Rec	1	8/31/2021 9:24:00 PM
Surr: Phenol-d6	34.2	10.6 - 38.5		%Rec	1	8/31/2021 9:24:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-010
Client Sample ID MW57D081021-DUP

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2,4-Trimethylbenzene	1.74	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
2-Butanone	ND	10.0		µg/L	1	8/23/2021 7:22:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/23/2021 7:22:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/23/2021 7:22:00 PM
Acetone	ND	20.0		µg/L	1	8/23/2021 7:22:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/23/2021 7:22:00 PM
Benzene	16.3	0.300		µg/L	1	8/23/2021 7:22:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Bromoform	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Bromomethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/23/2021 7:22:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-010
Client Sample ID MW57D081021-DUP

Collection Date: 8/10/2021 3:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Chlorobenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Chloroethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Chloroform	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Chloromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
cis-1,2-Dichloroethene	12.1	1.00		µg/L	1	8/23/2021 7:22:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Isopropylbenzene	7.28	1.00		µg/L	1	8/23/2021 7:22:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/23/2021 7:22:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Methylene chloride	ND	50.0		µg/L	1	8/23/2021 7:22:00 PM
Naphthalene	156	1.00		µg/L	1	8/23/2021 7:22:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
n-Propylbenzene	1.39	1.00		µg/L	1	8/23/2021 7:22:00 PM
o-Xylene	16.6	1.00		µg/L	1	8/23/2021 7:22:00 PM
sec-Butylbenzene	4.98	1.00		µg/L	1	8/23/2021 7:22:00 PM
Styrene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Tetrachloroethene	38.7	1.00		µg/L	1	8/23/2021 7:22:00 PM
Toluene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
trans-1,2-Dichloroethene	1.28	1.00		µg/L	1	8/23/2021 7:22:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Trichloroethene	8.60	1.00		µg/L	1	8/23/2021 7:22:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/23/2021 7:22:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	75.3 - 126		%Rec	1	8/23/2021 7:22:00 PM
Surr: 4-Bromofluorobenzene	93.5	78.1 - 120		%Rec	1	8/23/2021 7:22:00 PM
Surr: Dibromofluoromethane	102	74.2 - 122		%Rec	1	8/23/2021 7:22:00 PM
Surr: Toluene-d8	109	76.2 - 135		%Rec	1	8/23/2021 7:22:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-011
Client Sample ID USDFW1081121

Collection Date: 8/11/2021 8:17:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	1.58	0.100		µg/L	1	8/13/2021 2:22:31 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	ND	1.53		µg/L	1	8/31/2021 5:21:00 PM
Surr: 2,4,6-Tribromophenol	71.7	33.1 - 99.7		%Rec	1	8/31/2021 5:21:00 PM
Surr: 2-Fluorophenol	35.2	13.4 - 57.1		%Rec	1	8/31/2021 5:21:00 PM
Surr: Phenol-d6	23.2	10.6 - 38.5		%Rec	1	8/31/2021 5:21:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
2-Butanone	ND	10.0		µg/L	1	8/23/2021 6:38:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/23/2021 6:38:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/23/2021 6:38:00 PM
Acetone	ND	20.0		µg/L	1	8/23/2021 6:38:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/23/2021 6:38:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-011
Client Sample ID USDFW1081121

Collection Date: 8/11/2021 8:17:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Benzene	ND	0.300		µg/L	1	8/23/2021 6:38:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Bromoform	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Bromomethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/23/2021 6:38:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Chloroethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Chloroform	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Chloromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/23/2021 6:38:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Methylene chloride	ND	50.0		µg/L	1	8/23/2021 6:38:00 PM
Naphthalene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
o-Xylene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Styrene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Toluene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/23/2021 6:38:00 PM
Surr: 1,2-Dichloroethane-d4	97.4	75.3 - 126		%Rec	1	8/23/2021 6:38:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-011
Client Sample ID USDFW1081121

Collection Date: 8/11/2021 8:17:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Surr: 4-Bromofluorobenzene	91.5	78.1 - 120		%Rec	1	8/23/2021 6:38:00 PM
Surr: Dibromofluoromethane	99.2	74.2 - 122		%Rec	1	8/23/2021 6:38:00 PM
Surr: Toluene-d8	112	76.2 - 135		%Rec	1	8/23/2021 6:38:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-012
Client Sample ID RMW2S081121

Collection Date: 8/11/2021 9:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	5.18	1.72		µg/L	1	8/31/2021 5:51:00 PM
Surr: 2,4,6-Tribromophenol	79.4	33.1 - 99.7		%Rec	1	8/31/2021 5:51:00 PM
Surr: 2-Fluorophenol	40.7	13.4 - 57.1		%Rec	1	8/31/2021 5:51:00 PM
Surr: Phenol-d6	30.2	10.6 - 38.5		%Rec	1	8/31/2021 5:51:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-013
Client Sample ID RMW2D081121

Collection Date: 8/11/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	ND	1.63		µg/L	1	8/31/2021 6:22:00 PM
Surr: 2,4,6-Tribromophenol	88.0	33.1 - 99.7		%Rec	1	8/31/2021 6:22:00 PM
Surr: 2-Fluorophenol	21.7	13.4 - 57.1		%Rec	1	8/31/2021 6:22:00 PM
Surr: Phenol-d6	18.3	10.6 - 38.5		%Rec	1	8/31/2021 6:22:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-014
Client Sample ID MW63081121

Collection Date: 8/11/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	0.264	0.100		µg/L	1	8/13/2021 2:25:56 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
1-Methylnaphthalene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,3,4-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,3,5-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,3,6-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,4,5-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2,4,6-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
2-Methylnaphthalene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
3,4,5-Trichlorophenol	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Acenaphthene	3.87	0.992		µg/L	1	8/31/2021 7:53:00 PM
Acenaphthylene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Anthracene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Benz(a)anthracene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Benzo(a)pyrene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Benzo(b)fluoranthene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Benzo(g,h,i)perylene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Benzo(k)fluoranthene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Carbazole	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Chrysene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Dibenz(a,h)anthracene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Dibenzofuran	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Fluoranthene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Fluorene	1.49	0.992		µg/L	1	8/31/2021 7:53:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Naphthalene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Pentachlorophenol	ND	1.49		µg/L	1	8/31/2021 7:53:00 PM
Phenanthrene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Pyrene	ND	0.992		µg/L	1	8/31/2021 7:53:00 PM
Surr: 2,4,6-Tribromophenol	80.2	33.1 - 99.7		%Rec	1	8/31/2021 7:53:00 PM
Surr: 2-Fluorobiphenyl	53.2	33.1 - 96.2		%Rec	1	8/31/2021 7:53:00 PM
Surr: 2-Fluorophenol	22.0	13.4 - 57.1		%Rec	1	8/31/2021 7:53:00 PM
Surr: 4-Terphenyl-d14	84.9	41 - 122		%Rec	1	8/31/2021 7:53:00 PM
Surr: Nitrobenzene-d5	64.4	28.9 - 99.9		%Rec	1	8/31/2021 7:53:00 PM
Surr: Phenol-d6	22.0	10.6 - 38.5		%Rec	1	8/31/2021 7:53:00 PM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-014
Client Sample ID MW63081121

Collection Date: 8/11/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 5:00:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 5:00:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 5:00:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 5:00:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 5:00:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 5:00:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 5:00:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-014
Client Sample ID MW63081121

Collection Date: 8/11/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 5:00:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 5:00:00 AM
Naphthalene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 5:00:00 AM
Surr: 1,2-Dichloroethane-d4	102	75.3 - 126		%Rec	1	8/18/2021 5:00:00 AM
Surr: 4-Bromofluorobenzene	94.1	78.1 - 120		%Rec	1	8/18/2021 5:00:00 AM
Surr: Dibromofluoromethane	101	74.2 - 122		%Rec	1	8/18/2021 5:00:00 AM
Surr: Toluene-d8	105	76.2 - 135		%Rec	1	8/18/2021 5:00:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108078**
Date Reported: **9/17/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-015
Client Sample ID MW61081121

Collection Date: 8/11/2021 11:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	ND	1.52		µg/L	1	8/31/2021 6:52:00 PM
Surr: 2,4,6-Tribromophenol	86.9	33.1 - 99.7		%Rec	1	8/31/2021 6:52:00 PM
Surr: 2-Fluorophenol	37.0	13.4 - 57.1		%Rec	1	8/31/2021 6:52:00 PM
Surr: Phenol-d6	30.6	10.6 - 38.5		%Rec	1	8/31/2021 6:52:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 5:22:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 5:22:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 5:22:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 5:22:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 5:22:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 5:22:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108078-015
Client Sample ID MW61081121

Collection Date: 8/11/2021 11:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 5:22:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 5:22:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 5:22:00 AM
Naphthalene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 5:22:00 AM
Surr: 1,2-Dichloroethane-d4	103	75.3 - 126		%Rec	1	8/18/2021 5:22:00 AM
Surr: 4-Bromofluorobenzene	94.5	78.1 - 120		%Rec	1	8/18/2021 5:22:00 AM
Surr: Dibromofluoromethane	102	74.2 - 122		%Rec	1	8/18/2021 5:22:00 AM
Surr: Toluene-d8	105	76.2 - 135		%Rec	1	8/18/2021 5:22:00 AM

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **ICV**	SampType: **ICV**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **41448**
Client ID: **ICV**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532757**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.0	0.100	50.00	0	97.9	90	110				

Sample ID: **CCV**	SampType: **CCV**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **41448**
Client ID: **CCV**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532763**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.5	0.100	50.00	0	97.1	90	110				

Sample ID: **CCV**	SampType: **CCV**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **41448**
Client ID: **CCV**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532764**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.0	0.100	50.00	0	96.0	90	110				

Sample ID: **MB-18367**	SampType: **MBLK**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **PBW**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **MB-18367**	SampType: **MBLK**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **PBW**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-18367**	SampType: **LCS**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **LCSW**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.9	0.100	50.00	0	104	90	110				

Sample ID: **A2108091-001BDUP**	SampType: **DUP**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **BatchQC**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.613	0.100									

Sample ID: **A2108091-001BMS**	SampType: **MS**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **BatchQC**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532772**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.8	0.100	50.00	0	102	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **A2108091-001BMSD** SampType: **MSD** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **8/13/2021** RunNo: **41448**

Client ID: **BatchQC** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.5	0.100	50.00	0	103	70	130				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532777**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.4	0.100	50.00	0	96.8	90	110				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532784**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.5	1.00	40.00	0	98.8	80	120				
1,1,1-Trichloroethane	40.6	1.00	40.00	0	101	80	120				
1,1,2,2-Tetrachloroethane	37.7	1.00	40.00	0	94.4	80	120				
1,1,2-Trichloroethane	39.6	1.00	40.00	0	99.0	80	120				
1,1-Dichloroethane	41.3	1.00	40.00	0	103	80	120				
1,1-Dichloroethene	41.6	1.00	40.00	0	104	80	120				
1,1-Dichloropropene	37.2	1.00	40.00	0	93.0	80	120				
1,2,3-Trichlorobenzene	40.0	1.00	40.00	0	99.9	80	120				
1,2,3-Trichloropropane	37.5	1.00	40.00	0	93.8	80	120				
1,2,4-Trichlorobenzene	40.2	1.00	40.00	0	100	80	120				
1,2,4-Trimethylbenzene	37.7	1.00	40.00	0	94.2	80	120				
1,2-Dibromo-3-chloropropane	39.1	1.00	40.00	0	97.7	80	120				
1,2-Dibromoethane	39.7	1.00	40.00	0	99.2	80	120				
1,2-Dichlorobenzene	38.1	1.00	40.00	0	95.2	80	120				
1,2-Dichloroethane	39.0	1.00	40.00	0	97.6	80	120				
1,2-Dichloropropane	38.8	1.00	40.00	0	97.0	80	120				
1,3,5-Trimethylbenzene	38.8	1.00	40.00	0	97.1	80	120				
1,3-Dichlorobenzene	38.5	1.00	40.00	0	96.2	80	120				
1,3-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,4-Dichlorobenzene	38.3	1.00	40.00	0	95.7	80	120				
2,2-Dichloropropane	39.1	1.00	40.00	0	97.6	80	120				
2-Butanone	47.2	10.0	40.00	0	118	80	120				
2-Chlorotoluene	38.1	1.00	40.00	0	95.2	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	47.7	10.0	40.00	0	119	80	120				
4-Chlorotoluene	38.8	1.00	40.00	0	97.0	80	120				
4-Isopropyltoluene	39.1	1.00	40.00	0	97.8	80	120				
4-Methyl-2-pentanone	40.7	10.0	40.00	0	102	80	120				
Acetone	86.9	20.0	80.00	0	109	80	120				
Acrylonitrile	38.5	5.00	40.00	0	96.3	80	120				
Benzene	40.0	0.300	40.00	0	100	80	120				
Bromobenzene	37.7	1.00	40.00	0	94.3	80	120				
Bromochloromethane	40.0	1.00	40.00	0	100	80	120				
Bromodichloromethane	39.3	1.00	40.00	0	98.3	80	120				
Bromoform	38.8	1.00	40.00	0	97.1	80	120				
Bromomethane	46.7	1.00	40.00	0	117	80	120				
Carbon disulfide	42.7	2.00	40.00	0	107	80	120				
Carbon tetrachloride	38.7	1.00	40.00	0	96.8	80	120				
Chlorobenzene	39.3	1.00	40.00	0	98.2	80	120				
Chloroethane	43.0	1.00	40.00	0	108	80	120				
Chloroform	38.7	1.00	40.00	0	96.8	80	120				
Chloromethane	42.3	1.00	40.00	0	106	80	120				
cis-1,2-Dichloroethene	39.5	1.00	40.00	0	98.8	80	120				
cis-1,3-Dichloropropene	40.2	1.00	40.00	0	101	80	120				
Dibromochloromethane	39.6	1.00	40.00	0	99.0	80	120				
Dibromomethane	39.1	1.00	40.00	0	97.8	80	120				
Dichlorodifluoromethane	45.7	1.00	40.00	0	114	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	40.0	1.00	40.00	0	100	80	120				
Hexachlorobutadiene	42.1	1.00	40.00	0	105	80	120				
Isopropylbenzene	40.0	1.00	40.00	0	100	80	120				
m,p-Xylene	81.1	2.00	80.00	0	101	80	120				
Methyl tert-butyl ether	39.5	1.00	40.00	0	98.8	80	120				
Methylene chloride	ND	50.0	40.00	0	99.7	80	120				
Naphthalene	39.3	1.00	40.00	0	98.3	80	120				
n-Butylbenzene	39.6	1.00	40.00	0	99.0	80	120				
n-Propylbenzene	38.6	1.00	40.00	0	96.6	80	120				
o-Xylene	40.5	1.00	40.00	0	101	80	120				
sec-Butylbenzene	39.2	1.00	40.00	0	98.1	80	120				
Styrene	40.2	1.00	40.00	0	100	80	120				
tert-Butylbenzene	38.4	1.00	40.00	0	96.0	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	104	80	120				
Toluene	39.6	1.00	40.00	0	99.0	80	120				
trans-1,2-Dichloroethene	42.1	1.00	40.00	0	105	80	120				
trans-1,3-Dichloropropene	40.1	1.00	40.00	0	100	80	120				
Trichloroethene	38.1	1.00	40.00	0	95.2	80	120				
Trichlorofluoromethane	38.6	1.00	40.00	0	96.5	80	120				
Vinyl chloride	38.2	1.00	40.00	0	95.6	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.0	1.00	40.00	0	99.9	80	120				
1,1,1-Trichloroethane	41.0	1.00	40.00	0	102	80	120				
1,1,2,2-Tetrachloroethane	39.1	1.00	40.00	0	97.7	80	120				
1,1,2-Trichloroethane	40.6	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	42.4	1.00	40.00	0	106	80	120				
1,1-Dichloroethene	42.1	1.00	40.00	0	105	61.2	135				
1,1-Dichloropropene	37.8	1.00	40.00	0	94.5	80	120				
1,2,3-Trichlorobenzene	41.3	1.00	40.00	0	103	80	120				
1,2,3-Trichloropropane	38.9	1.00	40.00	0	97.2	80	120				
1,2,4-Trichlorobenzene	41.1	1.00	40.00	0	103	80	120				
1,2,4-Trimethylbenzene	39.3	1.00	40.00	0	98.2	80	120				
1,2-Dibromo-3-chloropropane	40.4	1.00	40.00	0	101	80	120				
1,2-Dibromoethane	40.5	1.00	40.00	0	101	80	120				
1,2-Dichlorobenzene	39.4	1.00	40.00	0	98.5	80	120				
1,2-Dichloroethane	40.1	1.00	40.00	0	100	80	120				
1,2-Dichloropropane	39.6	1.00	40.00	0	98.9	80	120				
1,3,5-Trimethylbenzene	40.3	1.00	40.00	0	101	80	120				
1,3-Dichlorobenzene	39.9	1.00	40.00	0	99.8	80	120				
1,3-Dichloropropane	40.3	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	39.1	1.00	40.00	0	97.9	80	120				
2,2-Dichloropropane	39.6	1.00	40.00	0	99.0	80	120				
2-Butanone	47.3	10.0	40.00	0	118	80	120				
2-Chlorotoluene	39.5	1.00	40.00	0	98.7	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	47.2	10.0	40.00	0	118	80	120				
4-Chlorotoluene	40.0	1.00	40.00	0	99.9	80	120				
4-Isopropyltoluene	40.6	1.00	40.00	0	102	80	120				
4-Methyl-2-pentanone	42.2	10.0	40.00	0	106	80	120				
Acetone	90.2	20.0	80.00	0	113	80	120				
Acrylonitrile	40.3	5.00	40.00	0	101	80	120				
Benzene	40.8	0.300	40.00	0	102	76.8	125				
Bromobenzene	38.8	1.00	40.00	0	97.0	80	120				
Bromochloromethane	40.0	1.00	40.00	0	100	80	120				
Bromodichloromethane	40.0	1.00	40.00	0	99.9	80	120				
Bromoform	39.9	1.00	40.00	0	99.7	80	120				
Bromomethane	47.0	1.00	40.00	0	117	80	120				
Carbon disulfide	41.7	2.00	40.00	0	104	80	120				
Carbon tetrachloride	39.2	1.00	40.00	0	97.9	80	120				
Chlorobenzene	39.7	1.00	40.00	0	99.2	84.1	116				
Chloroethane	40.8	1.00	40.00	0	102	80	120				
Chloroform	39.4	1.00	40.00	0	98.4	80	120				
Chloromethane	43.3	1.00	40.00	0	108	80	120				
cis-1,2-Dichloroethene	40.1	1.00	40.00	0	100	80	120				
cis-1,3-Dichloropropene	40.7	1.00	40.00	0	102	80	120				
Dibromochloromethane	39.9	1.00	40.00	0	99.8	80	120				
Dibromomethane	39.8	1.00	40.00	0	99.5	80	120				
Dichlorodifluoromethane	46.6	1.00	40.00	0	116	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	40.8	1.00	40.00	0	102	80	120				
Hexachlorobutadiene	38.4	1.00	40.00	0	95.9	80	120				
Isopropylbenzene	41.9	1.00	40.00	0	105	80	120				
m,p-Xylene	82.8	2.00	80.00	0	103	80	120				
Methyl tert-butyl ether	41.0	1.00	40.00	0	102	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				
Naphthalene	41.6	1.00	40.00	0	104	80	120				
n-Butylbenzene	40.4	1.00	40.00	0	101	80	120				
n-Propylbenzene	40.2	1.00	40.00	0	101	80	120				
o-Xylene	41.3	1.00	40.00	0	103	80	120				
sec-Butylbenzene	40.6	1.00	40.00	0	102	80	120				
Styrene	40.9	1.00	40.00	0	102	80	120				
tert-Butylbenzene	39.9	1.00	40.00	0	99.8	80	120				
Tetrachloroethene	42.8	1.00	40.00	0	107	80	120				
Toluene	40.3	1.00	40.00	0	101	82	122				
trans-1,2-Dichloroethene	42.6	1.00	40.00	0	107	82	120				
trans-1,3-Dichloropropene	40.8	1.00	40.00	0	102	82	120				
Trichloroethene	38.5	1.00	40.00	0	96.2	68.5	124				
Trichlorofluoromethane	38.9	1.00	40.00	0	97.2	80	120				
Vinyl chloride	47.8	1.00	40.00	0	119	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/17/2021**	SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/17/2021**	SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.4		100.0		96.4	75.3	126				
Surr: 4-Bromofluorobenzene	99.0		100.0		99.0	78.1	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	94.7		100.0		94.7	74.2	122				
Surr: Toluene-d8	102		100.0		102	76.2	135				

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	38.3	1.00	40.00	0	95.7	70	130				
1,1,1-Trichloroethane	35.9	1.00	40.00	0	89.7	70	130				
1,1,2,2-Tetrachloroethane	39.4	1.00	40.00	0	98.6	70	130				
1,1,2-Trichloroethane	38.3	1.00	40.00	0	95.8	70	130				
1,1-Dichloroethane	36.4	1.00	40.00	0	91.1	70	130				
1,1-Dichloroethene	35.9	1.00	40.00	0	89.7	47.8	165				
1,1-Dichloropropene	36.4	1.00	40.00	0	91.1	70	130				
1,2,3-Trichlorobenzene	39.2	1.00	40.00	0	97.9	70	130				
1,2,3-Trichloropropane	38.9	1.00	40.00	0	97.2	70	130				
1,2,4-Trichlorobenzene	39.7	1.00	40.00	0	99.2	70	130				
1,2,4-Trimethylbenzene	39.4	1.00	40.00	0	98.6	70	130				
1,2-Dibromo-3-chloropropane	41.0	1.00	40.00	0	103	70	130				
1,2-Dibromoethane	39.1	1.00	40.00	0	97.8	70	130				
1,2-Dichlorobenzene	39.4	1.00	40.00	0	98.6	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	36.0	1.00	40.00	0	90.0	70	130				
1,2-Dichloropropane	36.2	1.00	40.00	0	90.5	70	130				
1,3,5-Trimethylbenzene	40.0	1.00	40.00	0	100	70	130				
1,3-Dichlorobenzene	39.1	1.00	40.00	0	97.8	70	130				
1,3-Dichloropropane	38.4	1.00	40.00	0	96.1	70	130				
1,4-Dichlorobenzene	39.0	1.00	40.00	0	97.6	70	130				
2,2-Dichloropropane	32.3	1.00	40.00	0	80.7	70	130				
2-Butanone	71.6	10.0	80.00	0	89.5	70	130				
2-Chlorotoluene	39.8	1.00	40.00	0	99.5	70	130				
2-Hexanone	76.1	10.0	80.00	0	95.1	70	130				
4-Chlorotoluene	39.0	1.00	40.00	0	97.5	70	130				
4-Isopropyltoluene	39.3	1.00	40.00	0	98.2	70	130				
4-Methyl-2-pentanone	76.9	10.0	80.00	0	96.1	70	130				
Acetone	69.1	20.0	80.00	0	86.4	70	130				
Acrylonitrile	36.4	5.00	40.00	0	91.0	70	130				
Benzene	37.6	0.300	40.00	0.8900	91.8	74.1	136				
Bromobenzene	39.3	1.00	40.00	0	98.2	70	130				
Bromochloromethane	37.3	1.00	40.00	0	93.3	70	130				
Bromodichloromethane	35.9	1.00	40.00	0	89.8	70	130				
Bromoform	38.7	1.00	40.00	0	96.9	70	130				
Bromomethane	33.0	1.00	40.00	0	82.6	70	130				
Carbon disulfide	36.8	2.00	40.00	0	91.9	70	130				
Carbon tetrachloride	36.5	1.00	40.00	0	91.2	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	38.4	1.00	40.00	0	96.0	70.7	133				
Chloroethane	35.8	1.00	40.00	0	89.4	70	130				
Chloroform	36.2	1.00	40.00	0	90.5	70	130				
Chloromethane	33.9	1.00	40.00	0	84.8	70	130				
cis-1,2-Dichloroethene	35.9	1.00	40.00	0	89.8	70	130				
cis-1,3-Dichloropropene	35.7	1.00	40.00	0	89.3	70	130				
Dibromochloromethane	38.7	1.00	40.00	0	96.7	70	130				
Dibromomethane	36.1	1.00	40.00	0	90.3	70	130				
Dichlorodifluoromethane	35.2	1.00	40.00	0	88.0	70	130				
Ethylbenzene	39.1	1.00	40.00	0	97.7	70	130				
Hexachlorobutadiene	37.2	1.00	40.00	0	93.0	70	130				
Isopropylbenzene	39.3	1.00	40.00	0	98.3	70	130				
m,p-Xylene	78.9	2.00	80.00	0	98.6	70	130				
Methyl tert-butyl ether	36.3	1.00	40.00	0	90.8	70	130				
Methylene chloride	ND	50.0	40.00	0	86.7	70	130				
Naphthalene	42.2	1.00	40.00	2.110	100	70	130				
n-Butylbenzene	39.5	1.00	40.00	0	98.8	70	130				
n-Propylbenzene	39.8	1.00	40.00	0	99.5	70	130				
o-Xylene	39.5	1.00	40.00	0	98.7	70	130				
sec-Butylbenzene	39.4	1.00	40.00	0	98.5	70	130				
Styrene	39.0	1.00	40.00	0	97.6	70	130				
tert-Butylbenzene	40.0	1.00	40.00	0	100	70	130				
Tetrachloroethene	36.7	1.00	40.00	0	91.7	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	38.8	1.00	40.00	0	96.9	68.4	135				
trans-1,2-Dichloroethene	36.6	1.00	40.00	0	91.6	70	130				
trans-1,3-Dichloropropene	37.5	1.00	40.00	0	93.8	70	130				
Trichloroethene	36.0	1.00	40.00	0	89.9	50.8	164				
Trichlorofluoromethane	35.8	1.00	40.00	0	89.5	70	130				
Vinyl chloride	37.8	1.00	40.00	0	94.6	70	130				

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.2	1.00	40.00	0	108	70	130	38.26	12.1	30	
1,1,1-Trichloroethane	43.4	1.00	40.00	0	108	70	130	35.88	18.9	30	
1,1,2,2-Tetrachloroethane	33.3	1.00	40.00	0	83.3	70	130	39.44	16.9	30	
1,1,2-Trichloroethane	41.8	1.00	40.00	0	105	70	130	38.30	8.86	30	
1,1-Dichloroethane	45.9	1.00	40.00	0	115	70	130	36.45	23.0	30	
1,1-Dichloroethene	47.3	1.00	40.00	0	118	47.8	165	35.86	27.5	30	
1,1-Dichloropropene	43.8	1.00	40.00	0	109	70	130	36.42	18.4	30	
1,2,3-Trichlorobenzene	37.1	1.00	40.00	0	92.6	70	130	39.16	5.51	30	
1,2,3-Trichloropropane	30.1	1.00	40.00	0	75.3	70	130	38.89	25.4	30	
1,2,4-Trichlorobenzene	40.4	1.00	40.00	0	101	70	130	39.70	1.85	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	42.2	1.00	40.00	0	105	70	130	39.43	6.67	30	
1,2-Dibromo-3-chloropropane	40.3	1.00	40.00	0	101	70	130	41.04	1.87	30	
1,2-Dibromoethane	39.9	1.00	40.00	0	99.8	70	130	39.10	2.03	30	
1,2-Dichlorobenzene	40.5	1.00	40.00	0	101	70	130	39.43	2.60	30	
1,2-Dichloroethane	41.5	1.00	40.00	0	104	70	130	35.99	14.3	30	
1,2-Dichloropropane	32.6	1.00	40.00	0	81.6	70	130	36.19	10.3	30	
1,3,5-Trimethylbenzene	42.0	1.00	40.00	0	105	70	130	40.02	4.85	30	
1,3-Dichlorobenzene	41.2	1.00	40.00	0	103	70	130	39.12	5.08	30	
1,3-Dichloropropane	42.6	1.00	40.00	0	106	70	130	38.45	10.2	30	
1,4-Dichlorobenzene	40.6	1.00	40.00	0	102	70	130	39.05	4.02	30	
2,2-Dichloropropane	37.9	1.00	40.00	0	94.8	70	130	32.28	16.1	30	
2-Butanone	69.4	10.0	80.00	0	86.8	70	130	71.57	3.06	30	
2-Chlorotoluene	41.7	1.00	40.00	0	104	70	130	39.79	4.59	30	
2-Hexanone	68.5	10.0	80.00	0	85.6	70	130	76.11	10.5	30	
4-Chlorotoluene	42.1	1.00	40.00	0	105	70	130	38.99	7.74	30	
4-Isopropyltoluene	42.2	1.00	40.00	0	105	70	130	39.26	7.10	30	
4-Methyl-2-pentanone	71.2	10.0	80.00	0	89.0	70	130	76.87	7.67	30	
Acetone	77.4	20.0	80.00	0	96.7	70	130	69.11	11.3	30	
Acrylonitrile	38.1	5.00	40.00	0	95.2	70	130	36.38	4.57	30	
Benzene	44.5	0.300	40.00	0.8900	109	74.1	136	37.60	16.7	30	
Bromobenzene	40.4	1.00	40.00	0	101	70	130	39.28	2.86	30	
Bromochloromethane	44.7	1.00	40.00	0	112	70	130	37.30	18.1	30	
Bromodichloromethane	41.8	1.00	40.00	0	105	70	130	35.92	15.2	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	33.1	1.00	40.00	0	82.7	70	130	38.74	15.7	30	
Bromomethane	40.3	1.00	40.00	0	101	70	130	33.05	19.7	30	
Carbon disulfide	45.8	2.00	40.00	0	115	70	130	36.77	21.9	30	
Carbon tetrachloride	37.8	1.00	40.00	0	94.6	70	130	36.50	3.55	30	
Chlorobenzene	45.8	1.00	40.00	0	114	70.7	133	38.39	17.6	30	
Chloroethane	44.8	1.00	40.00	0	112	70	130	35.76	22.4	30	
Chloroform	45.7	1.00	40.00	0	114	70	130	36.19	23.1	30	
Chloromethane	42.2	1.00	40.00	0	105	70	130	33.91	21.8	30	
cis-1,2-Dichloroethene	44.4	1.00	40.00	0	111	70	130	35.94	21.1	30	
cis-1,3-Dichloropropene	41.2	1.00	40.00	0	103	70	130	35.71	14.3	30	
Dibromochloromethane	40.6	1.00	40.00	0	101	70	130	38.67	4.80	30	
Dibromomethane	39.7	1.00	40.00	0	99.3	70	130	36.12	9.47	30	
Dichlorodifluoromethane	47.2	1.00	40.00	0	118	70	130	35.18	29.2	30	
Ethylbenzene	46.9	1.00	40.00	0	117	70	130	39.08	18.1	30	
Hexachlorobutadiene	42.2	1.00	40.00	0	106	70	130	37.20	12.6	30	
Isopropylbenzene	46.4	1.00	40.00	0	116	70	130	39.32	16.6	30	
m,p-Xylene	93.6	2.00	80.00	0	117	70	130	78.89	17.1	30	
Methyl tert-butyl ether	37.0	1.00	40.00	0	92.4	70	130	36.31	1.77	30	
Methylene chloride	ND	50.0	40.00	0	116	70	130	0	0	30	
Naphthalene	31.4	1.00	40.00	2.110	73.3	70	130	42.24	29.3	30	
n-Butylbenzene	42.9	1.00	40.00	0	107	70	130	39.51	8.27	30	
n-Propylbenzene	42.2	1.00	40.00	0	105	70	130	39.80	5.83	30	
o-Xylene	46.8	1.00	40.00	0	117	70	130	39.48	16.9	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.4	1.00	40.00	0	106	70	130	39.40	7.45	30	
Styrene	45.7	1.00	40.00	0	114	70	130	39.04	15.7	30	
tert-Butylbenzene	41.7	1.00	40.00	0	104	70	130	40.05	4.13	30	
Tetrachloroethene	41.8	1.00	40.00	0	104	70	130	36.66	13.0	30	
Toluene	46.4	1.00	40.00	0	116	68.4	135	38.77	17.8	30	
trans-1,2-Dichloroethene	45.3	1.00	40.00	0	113	70	130	36.62	21.2	30	
trans-1,3-Dichloropropene	41.1	1.00	40.00	0	103	70	130	37.54	9.10	30	
Trichloroethene	38.2	1.00	40.00	0	95.5	50.8	164	35.95	6.07	30	
Trichlorofluoromethane	45.1	1.00	40.00	0	113	70	130	35.81	23.0	30	
Vinyl chloride	29.2	1.00	40.00	0	72.9	70	130	37.85	25.9	30	

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.1	1.00	40.00	0	105	80	120				
1,1,1-Trichloroethane	39.0	1.00	40.00	0	97.5	80	120				
1,1,2,2-Tetrachloroethane	39.3	1.00	40.00	0	98.2	80	120				
1,1,2-Trichloroethane	40.3	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	38.2	1.00	40.00	0	95.5	80	120				
1,1-Dichloroethene	38.7	1.00	40.00	0	96.8	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	39.2	1.00	40.00	0	98.1	80	120				
1,2,3-Trichlorobenzene	44.6	1.00	40.00	0	111	80	120				
1,2,3-Trichloropropane	37.4	1.00	40.00	0	93.6	80	120				
1,2,4-Trichlorobenzene	45.2	1.00	40.00	0	113	80	120				
1,2,4-Trimethylbenzene	47.2	1.00	40.00	0	118	80	120				
1,2-Dibromo-3-chloropropane	35.0	1.00	40.00	0	87.5	80	120				
1,2-Dibromoethane	39.3	1.00	40.00	0	98.3	80	120				
1,2-Dichlorobenzene	45.5	1.00	40.00	0	114	80	120				
1,2-Dichloroethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,3,5-Trimethylbenzene	47.6	1.00	40.00	0	119	80	120				
1,3-Dichlorobenzene	45.7	1.00	40.00	0	114	80	120				
1,3-Dichloropropane	40.4	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	45.1	1.00	40.00	0	113	80	120				
2,2-Dichloropropane	40.0	1.00	40.00	0	100	80	120				
2-Butanone	68.1	10.0	80.00	0	85.1	80	120				
2-Chlorotoluene	45.0	1.00	40.00	0	113	80	120				
2-Hexanone	67.7	10.0	80.00	0	84.6	80	120				
4-Chlorotoluene	46.6	1.00	40.00	0	116	80	120				
4-Isopropyltoluene	47.7	1.00	40.00	0	119	80	120				
4-Methyl-2-pentanone	67.8	10.0	80.00	0	84.7	80	120				
Acetone	80.2	20.0	80.00	0	100	80	120				
Acrylonitrile	35.0	5.00	40.00	0	87.4	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.6	0.300	40.00	0	98.9	80	120				
Bromobenzene	44.2	1.00	40.00	0	110	80	120				
Bromochloromethane	41.8	1.00	40.00	0	104	80	120				
Bromodichloromethane	39.5	1.00	40.00	0	98.8	80	120				
Bromoform	38.5	1.00	40.00	0	96.2	80	120				
Bromomethane	67.0	1.00	40.00	0	168	80	120				SSC
Carbon disulfide	39.7	2.00	40.00	0	99.3	80	120				
Carbon tetrachloride	39.7	1.00	40.00	0	99.4	80	120				
Chlorobenzene	42.5	1.00	40.00	0	106	80	120				
Chloroethane	44.0	1.00	40.00	0	110	80	120				
Chloroform	39.2	1.00	40.00	0	98.0	80	120				
Chloromethane	41.3	1.00	40.00	0	103	80	120				
cis-1,2-Dichloroethene	38.6	1.00	40.00	0	96.5	80	120				
cis-1,3-Dichloropropene	40.0	1.00	40.00	0	100	80	120				
Dibromochloromethane	41.0	1.00	40.00	0	103	80	120				
Dibromomethane	38.2	1.00	40.00	0	95.6	80	120				
Dichlorodifluoromethane	41.3	1.00	40.00	0	103	80	120				
Ethylbenzene	43.6	1.00	40.00	0	109	80	120				
Hexachlorobutadiene	45.6	1.00	40.00	0	114	80	120				
Isopropylbenzene	44.7	1.00	40.00	0	112	80	120				
m,p-Xylene	90.4	2.00	80.00	0	113	80	120				
Methyl tert-butyl ether	37.6	1.00	40.00	0	93.9	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	35.3	1.00	40.00	0	88.2	80	120				
n-Butylbenzene	47.2	1.00	40.00	0	118	80	120				
n-Propylbenzene	47.2	1.00	40.00	0	118	80	120				
o-Xylene	44.0	1.00	40.00	0	110	80	120				
sec-Butylbenzene	47.6	1.00	40.00	0	119	80	120				
Styrene	43.3	1.00	40.00	0	108	80	120				
tert-Butylbenzene	47.1	1.00	40.00	0	118	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	103	80	120				
Toluene	42.6	1.00	40.00	0	107	80	120				
trans-1,2-Dichloroethene	38.5	1.00	40.00	0	96.3	80	120				
trans-1,3-Dichloropropene	40.5	1.00	40.00	0	101	80	120				
Trichloroethene	39.6	1.00	40.00	0	99.1	80	120				
Trichlorofluoromethane	39.8	1.00	40.00	0	99.6	80	120				
Vinyl chloride	38.0	1.00	40.00	0	94.9	80	120				

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.8	1.00	40.00	0	102	70	130				
1,1,1-Trichloroethane	44.0	1.00	40.00	0	110	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	38.6	1.00	40.00	0	96.6	70	130				
1,1,2-Trichloroethane	39.1	1.00	40.00	0	97.8	70	130				
1,1-Dichloroethane	44.4	1.00	40.00	0	111	70	130				
1,1-Dichloroethene	44.7	1.00	40.00	0	112	47.8	165				
1,1-Dichloropropene	44.4	1.00	40.00	0	111	70	130				
1,2,3-Trichlorobenzene	41.9	1.00	40.00	0	105	70	130				
1,2,3-Trichloropropane	36.6	1.00	40.00	0	91.5	70	130				
1,2,4-Trichlorobenzene	43.3	1.00	40.00	0	108	70	130				
1,2,4-Trimethylbenzene	46.0	1.00	40.00	0	115	70	130				
1,2-Dibromo-3-chloropropane	34.9	1.00	40.00	0	87.3	70	130				
1,2-Dibromoethane	38.4	1.00	40.00	0	95.9	70	130				
1,2-Dichlorobenzene	45.2	1.00	40.00	0	113	70	130				
1,2-Dichloroethane	42.6	1.00	40.00	0	106	70	130				
1,2-Dichloropropane	43.8	1.00	40.00	0	110	70	130				
1,3,5-Trimethylbenzene	46.2	1.00	40.00	0	116	70	130				
1,3-Dichlorobenzene	45.4	1.00	40.00	0	113	70	130				
1,3-Dichloropropane	39.4	1.00	40.00	0	98.4	70	130				
1,4-Dichlorobenzene	45.2	1.00	40.00	0	113	70	130				
2,2-Dichloropropane	46.0	1.00	40.00	0	115	70	130				
2-Butanone	66.9	10.0	80.00	0	83.6	70	130				
2-Chlorotoluene	45.5	1.00	40.00	0	114	70	130				
2-Hexanone	64.6	10.0	80.00	0	80.8	70	130				
4-Chlorotoluene	46.4	1.00	40.00	0	116	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	45.9	1.00	40.00	0	115	70	130				
4-Methyl-2-pentanone	68.8	10.0	80.00	0	86.0	70	130				
Acetone	64.7	20.0	80.00	0	80.9	70	130				
Acrylonitrile	32.4	5.00	40.00	0	81.0	70	130				
Benzene	44.4	0.300	40.00	0	111	74.1	136				
Bromobenzene	45.0	1.00	40.00	0	112	70	130				
Bromochloromethane	46.8	1.00	40.00	0	117	70	130				
Bromodichloromethane	43.2	1.00	40.00	0	108	70	130				
Bromoform	36.8	1.00	40.00	0	92.1	70	130				
Bromomethane	36.8	1.00	40.00	0	92.1	70	130				
Carbon disulfide	46.1	2.00	40.00	0	115	70	130				
Carbon tetrachloride	43.6	1.00	40.00	0	109	70	130				
Chlorobenzene	41.3	1.00	40.00	0	103	70.7	133				
Chloroethane	42.4	1.00	40.00	0	106	70	130				
Chloroform	44.1	1.00	40.00	0	110	70	130				
Chloromethane	40.2	1.00	40.00	0	101	70	130				
cis-1,2-Dichloroethene	44.3	1.00	40.00	0	111	70	130				
cis-1,3-Dichloropropene	44.4	1.00	40.00	0	111	70	130				
Dibromochloromethane	39.9	1.00	40.00	0	99.8	70	130				
Dibromomethane	41.8	1.00	40.00	0	104	70	130				
Dichlorodifluoromethane	46.4	1.00	40.00	0	116	70	130				
Ethylbenzene	42.3	1.00	40.00	0	106	70	130				
Hexachlorobutadiene	45.4	1.00	40.00	0	113	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	42.5	1.00	40.00	0	106	70	130				
m,p-Xylene	86.4	2.00	80.00	0	108	70	130				
Methyl tert-butyl ether	43.0	1.00	40.00	0	107	70	130				
Methylene chloride	ND	50.0	40.00	0	116	70	130				
Naphthalene	37.4	1.00	40.00	0	93.5	70	130				
n-Butylbenzene	45.7	1.00	40.00	0	114	70	130				
n-Propylbenzene	46.4	1.00	40.00	0	116	70	130				
o-Xylene	42.3	1.00	40.00	0	106	70	130				
sec-Butylbenzene	46.2	1.00	40.00	0	115	70	130				
Styrene	41.9	1.00	40.00	0	105	70	130				
tert-Butylbenzene	45.9	1.00	40.00	0	115	70	130				
Tetrachloroethene	40.6	1.00	40.00	0	102	70	130				
Toluene	41.8	1.00	40.00	0	104	68.4	135				
trans-1,2-Dichloroethene	44.9	1.00	40.00	0	112	70	130				
trans-1,3-Dichloropropene	40.8	1.00	40.00	0	102	70	130				
Trichloroethene	43.8	1.00	40.00	0	110	50.8	164				
Trichlorofluoromethane	44.8	1.00	40.00	0	112	70	130				
Vinyl chloride	37.2	1.00	40.00	0	93.1	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/23/2021**	SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.8		100.0		98.8	75.3	126				
Surr: 4-Bromofluorobenzene	92.0		100.0		92.0	78.1	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	101		100.0		101	74.2	122				
Surr: Toluene-d8	111		100.0		111	76.2	135				

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.2	1.00	40.00	0	106	70	130	40.79	3.40	20	
1,1,1-Trichloroethane	43.6	1.00	40.00	0	109	70	130	43.97	0.753	20	
1,1,2,2-Tetrachloroethane	36.5	1.00	40.00	0	91.2	70	130	38.65	5.75	20	
1,1,2-Trichloroethane	40.1	1.00	40.00	0	100	70	130	39.10	2.43	20	
1,1-Dichloroethane	43.6	1.00	40.00	0	109	70	130	44.37	1.84	20	
1,1-Dichloroethene	43.6	1.00	40.00	0	109	47.8	165	44.66	2.49	20	
1,1-Dichloropropene	43.6	1.00	40.00	0	109	70	130	44.40	1.89	20	
1,2,3-Trichlorobenzene	38.9	1.00	40.00	0	97.3	70	130	41.90	7.35	20	
1,2,3-Trichloropropane	34.8	1.00	40.00	0	86.9	70	130	36.60	5.13	20	
1,2,4-Trichlorobenzene	39.7	1.00	40.00	0	99.2	70	130	43.30	8.78	20	
1,2,4-Trimethylbenzene	43.2	1.00	40.00	0	108	70	130	45.96	6.21	20	
1,2-Dibromo-3-chloropropane	29.5	1.00	40.00	0	73.8	70	130	34.92	16.7	20	
1,2-Dibromoethane	39.3	1.00	40.00	0	98.2	70	130	38.37	2.32	20	
1,2-Dichlorobenzene	42.4	1.00	40.00	0	106	70	130	45.24	6.50	20	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	41.6	1.00	40.00	0	104	70	130	42.58	2.35	20	
1,2-Dichloropropane	42.7	1.00	40.00	0	107	70	130	43.80	2.52	20	
1,3,5-Trimethylbenzene	43.9	1.00	40.00	0	110	70	130	46.25	5.12	20	
1,3-Dichlorobenzene	42.6	1.00	40.00	0	106	70	130	45.36	6.32	20	
1,3-Dichloropropane	40.4	1.00	40.00	0	101	70	130	39.38	2.58	20	
1,4-Dichlorobenzene	42.2	1.00	40.00	0	105	70	130	45.23	7.05	20	
2,2-Dichloropropane	43.2	1.00	40.00	0	108	70	130	46.04	6.41	20	
2-Butanone	62.6	10.0	80.00	0	78.2	70	130	66.87	6.66	20	
2-Chlorotoluene	44.6	1.00	40.00	0	111	70	130	45.53	2.15	20	
2-Hexanone	60.5	10.0	80.00	0	75.7	70	130	64.63	6.55	20	
4-Chlorotoluene	41.9	1.00	40.00	0	105	70	130	46.37	10.1	20	
4-Isopropyltoluene	43.5	1.00	40.00	0	109	70	130	45.94	5.53	20	
4-Methyl-2-pentanone	65.0	10.0	80.00	0	81.3	70	130	68.76	5.55	20	
Acetone	59.8	20.0	80.00	0	74.7	70	130	64.68	7.89	20	
Acrylonitrile	30.6	5.00	40.00	0	76.5	70	130	32.38	5.62	20	
Benzene	44.1	0.300	40.00	0	110	74.1	136	44.43	0.814	20	
Bromobenzene	42.2	1.00	40.00	0	106	70	130	45.00	6.30	20	
Bromochloromethane	45.2	1.00	40.00	0	113	70	130	46.84	3.65	20	
Bromodichloromethane	42.2	1.00	40.00	0	105	70	130	43.23	2.44	20	
Bromoform	38.0	1.00	40.00	0	95.0	70	130	36.85	3.10	20	
Bromomethane	37.3	1.00	40.00	0	93.3	70	130	36.83	1.27	20	
Carbon disulfide	44.9	2.00	40.00	0	112	70	130	46.09	2.57	20	
Carbon tetrachloride	43.8	1.00	40.00	0	109	70	130	43.62	0.320	20	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	42.8	1.00	40.00	0	107	70.7	133	41.29	3.64	20	
Chloroethane	44.8	1.00	40.00	0	112	70	130	42.39	5.57	20	
Chloroform	43.7	1.00	40.00	0	109	70	130	44.09	0.820	20	
Chloromethane	35.1	1.00	40.00	0	87.9	70	130	40.20	13.4	20	
cis-1,2-Dichloroethene	43.4	1.00	40.00	0	109	70	130	44.29	1.96	20	
cis-1,3-Dichloropropene	42.8	1.00	40.00	0	107	70	130	44.38	3.55	20	
Dibromochloromethane	41.3	1.00	40.00	0	103	70	130	39.92	3.35	20	
Dibromomethane	40.7	1.00	40.00	0	102	70	130	41.76	2.62	20	
Dichlorodifluoromethane	45.7	1.00	40.00	0	114	70	130	46.43	1.61	20	
Ethylbenzene	43.7	1.00	40.00	0	109	70	130	42.28	3.30	20	
Hexachlorobutadiene	42.2	1.00	40.00	0	106	70	130	45.36	7.15	20	
Isopropylbenzene	43.4	1.00	40.00	0	108	70	130	42.46	2.19	20	
m,p-Xylene	89.1	2.00	80.00	0	111	70	130	86.40	3.05	20	
Methyl tert-butyl ether	40.4	1.00	40.00	0	101	70	130	42.96	6.14	20	
Methylene chloride	ND	50.0	40.00	0	113	70	130	0	0	20	
Naphthalene	42.8	1.00	40.00	0	107	70	130	37.39	13.4	20	
n-Butylbenzene	42.9	1.00	40.00	0	107	70	130	45.74	6.48	20	
n-Propylbenzene	43.9	1.00	40.00	0	110	70	130	46.36	5.41	20	
o-Xylene	43.7	1.00	40.00	0	109	70	130	42.26	3.44	20	
sec-Butylbenzene	43.8	1.00	40.00	0	110	70	130	46.19	5.29	20	
Styrene	43.2	1.00	40.00	0	108	70	130	41.86	3.06	20	
tert-Butylbenzene	43.7	1.00	40.00	0	109	70	130	45.87	4.80	20	
Tetrachloroethene	42.0	1.00	40.00	0	105	70	130	40.60	3.51	20	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **USDFW1081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	43.7	1.00	40.00	0	109	68.4	135	41.77	4.42	20	
trans-1,2-Dichloroethene	43.6	1.00	40.00	0	109	70	130	44.86	2.94	20	
trans-1,3-Dichloropropene	40.9	1.00	40.00	0	102	70	130	40.82	0.0979	20	
Trichloroethene	43.8	1.00	40.00	0	109	50.8	164	43.84	0.206	20	
Trichlorofluoromethane	44.6	1.00	40.00	0	111	70	130	44.85	0.604	20	
Vinyl chloride	38.6	1.00	40.00	0	96.5	70	130	37.25	3.53	20	

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.1	1.00	40.00	0	105	80	120				
1,1,1-Trichloroethane	39.0	1.00	40.00	0	97.5	80	120				
1,1,2,2-Tetrachloroethane	39.3	1.00	40.00	0	98.2	80	120				
1,1,2-Trichloroethane	40.3	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	38.2	1.00	40.00	0	95.5	80	120				
1,1-Dichloroethene	38.7	1.00	40.00	0	96.8	61.2	135				
1,1-Dichloropropene	39.2	1.00	40.00	0	98.1	80	120				
1,2,3-Trichlorobenzene	44.6	1.00	40.00	0	111	80	120				
1,2,3-Trichloropropane	37.4	1.00	40.00	0	93.6	80	120				
1,2,4-Trichlorobenzene	45.2	1.00	40.00	0	113	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	47.2	1.00	40.00	0	118	80	120				
1,2-Dibromo-3-chloropropane	35.0	1.00	40.00	0	87.5	80	120				
1,2-Dibromoethane	39.3	1.00	40.00	0	98.3	80	120				
1,2-Dichlorobenzene	45.5	1.00	40.00	0	114	80	120				
1,2-Dichloroethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,3,5-Trimethylbenzene	47.6	1.00	40.00	0	119	80	120				
1,3-Dichlorobenzene	45.7	1.00	40.00	0	114	80	120				
1,3-Dichloropropane	40.4	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	45.1	1.00	40.00	0	113	80	120				
2,2-Dichloropropane	40.0	1.00	40.00	0	100	80	120				
2-Butanone	68.1	10.0	80.00	0	85.1	80	120				
2-Chlorotoluene	45.0	1.00	40.00	0	113	80	120				
2-Hexanone	67.7	10.0	80.00	0	84.6	80	120				
4-Chlorotoluene	46.6	1.00	40.00	0	116	80	120				
4-Isopropyltoluene	47.7	1.00	40.00	0	119	80	120				
4-Methyl-2-pentanone	67.8	10.0	80.00	0	84.7	80	120				
Acetone	80.2	20.0	80.00	0	100	80	120				
Acrylonitrile	35.0	5.00	40.00	0	87.4	80	120				
Benzene	39.6	0.300	40.00	0	98.9	76.8	125				
Bromobenzene	44.2	1.00	40.00	0	110	80	120				
Bromochloromethane	41.8	1.00	40.00	0	104	80	120				
Bromodichloromethane	39.5	1.00	40.00	0	98.8	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	38.5	1.00	40.00	0	96.2	80	120				
Bromomethane	67.0	1.00	40.00	0	168	80	120				S
Carbon disulfide	39.7	2.00	40.00	0	99.3	80	120				
Carbon tetrachloride	39.7	1.00	40.00	0	99.4	80	120				
Chlorobenzene	42.5	1.00	40.00	0	106	84.1	116				
Chloroethane	44.0	1.00	40.00	0	110	80	120				
Chloroform	39.2	1.00	40.00	0	98.0	80	120				
Chloromethane	41.3	1.00	40.00	0	103	80	120				
cis-1,2-Dichloroethene	38.6	1.00	40.00	0	96.5	80	120				
cis-1,3-Dichloropropene	40.0	1.00	40.00	0	100	80	120				
Dibromochloromethane	41.0	1.00	40.00	0	103	80	120				
Dibromomethane	38.2	1.00	40.00	0	95.6	80	120				
Dichlorodifluoromethane	41.3	1.00	40.00	0	103	80	120				
Ethylbenzene	43.6	1.00	40.00	0	109	80	120				
Hexachlorobutadiene	45.6	1.00	40.00	0	114	80	120				
Isopropylbenzene	44.7	1.00	40.00	0	112	80	120				
m,p-Xylene	90.4	2.00	80.00	0	113	80	120				
Methyl tert-butyl ether	37.6	1.00	40.00	0	93.9	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				
Naphthalene	35.3	1.00	40.00	0	88.2	80	120				
n-Butylbenzene	47.2	1.00	40.00	0	118	80	120				
n-Propylbenzene	47.2	1.00	40.00	0	118	80	120				
o-Xylene	44.0	1.00	40.00	0	110	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	47.6	1.00	40.00	0	119	80	120				
Styrene	43.3	1.00	40.00	0	108	80	120				
tert-Butylbenzene	47.1	1.00	40.00	0	118	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	103	80	120				
Toluene	42.6	1.00	40.00	0	107	82	122				
trans-1,2-Dichloroethene	38.5	1.00	40.00	0	96.3	82	120				
trans-1,3-Dichloropropene	40.5	1.00	40.00	0	101	82	120				
Trichloroethene	39.6	1.00	40.00	0	99.1	68.5	124				
Trichlorofluoromethane	39.8	1.00	40.00	0	99.6	80	120				
Vinyl chloride	38.0	1.00	40.00	0	94.9	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **20 PPM CCV** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535477**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	22.2	1.00	20.00	0	111	80	120				
2,3,4,6-Tetrachlorophenol	20.9	1.00	20.00	0	104	80	120				
2,3,4-Trichlorophenol	22.5	1.00	20.00	0	113	80	120				
2,3,5,6-Tetrachlorophenol	21.5	1.00	20.00	0	107	80	120				
2,3,5-Trichlorophenol	20.0	1.00	20.00	0	100	80	120				
2,3,6-Trichlorophenol	19.9	1.00	20.00	0	99.4	80	120				
2,4,5-Trichlorophenol	23.6	1.00	20.00	0	118	80	120				
2,4,6-Trichlorophenol	22.6	1.00	20.00	0	113	80	120				
2-Methylnaphthalene	20.8	1.00	20.00	0	104	80	120				
3,4,5-Trichlorophenol	23.5	1.00	20.00	0	118	80	120				
Acenaphthene	16.8	1.00	20.00	0	84.2	80	120				
Acenaphthylene	22.1	1.00	20.00	0	111	80	120				
Anthracene	16.2	1.00	20.00	0	81.0	80	120				
Benz(a)anthracene	20.1	1.00	20.00	0	100	80	120				
Benzo(a)pyrene	21.7	1.00	20.00	0	108	80	120				
Benzo(b)fluoranthene	21.8	1.00	20.00	0	109	80	120				
Benzo(g,h,i)perylene	18.3	1.00	20.00	0	91.4	80	120				
Benzo(k)fluoranthene	16.1	1.00	20.00	0	80.7	80	120				
Bis(2-ethylhexyl)phthalate	19.9	1.00	20.00	0	99.7	80	120				
Carbazole	19.7	1.00	20.00	0	98.5	80	120				
Chrysene	17.3	1.00	20.00	0	86.3	80	120				
Dibenz(a,h)anthracene	17.4	1.00	20.00	0	87.0	80	120				
Dibenzofuran	20.4	1.00	20.00	0	102	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **20 PPM CCV** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535477**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	22.5	1.00	20.00	0	112	80	120				
Fluorene	19.4	1.00	20.00	0	96.9	80	120				
Indeno(1,2,3-cd)pyrene	17.1	1.00	20.00	0	85.3	80	120				
Naphthalene	16.6	1.00	20.00	0	83.1	80	120				
Pentachlorophenol	21.3	1.50	20.00	0	106	80	120				
Phenanthrene	16.4	1.00	20.00	0	82.0	80	120				
Pyrene	23.7	1.00	20.00	0	118	80	120				

Sample ID: **CCV 20 PPM** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/31/2021** SeqNo: **535510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	22.7	1.00	20.00	0	113	80	120				
2,3,4,6-Tetrachlorophenol	21.0	1.00	20.00	0	105	80	120				
2,3,4-Trichlorophenol	19.7	1.00	20.00	0	98.3	80	120				
2,3,5,6-Tetrachlorophenol	18.3	1.00	20.00	0	91.6	80	120				
2,3,5-Trichlorophenol	17.1	1.00	20.00	0	85.6	80	120				
2,3,6-Trichlorophenol	20.3	1.00	20.00	0	101	80	120				
2,4,5-Trichlorophenol	22.6	1.00	20.00	0	113	80	120				
2,4,6-Trichlorophenol	23.4	1.00	20.00	0	117	80	120				
2-Methylnaphthalene	21.5	1.00	20.00	0	108	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **CCV 20 PPM** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/31/2021** SeqNo: **535510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,4,5-Trichlorophenol	22.3	1.00	20.00	0	112	80	120				
Acenaphthene	20.3	1.00	20.00	0	101	80	120				
Acenaphthylene	23.7	1.00	20.00	0	119	80	120				
Anthracene	18.9	1.00	20.00	0	94.6	80	120				
Benz(a)anthracene	22.4	1.00	20.00	0	112	80	120				
Benzo(a)pyrene	18.8	1.00	20.00	0	93.9	80	120				
Benzo(b)fluoranthene	20.7	1.00	20.00	0	104	80	120				
Benzo(g,h,i)perylene	19.3	1.00	20.00	0	96.4	80	120				
Benzo(k)fluoranthene	16.3	1.00	20.00	0	81.6	80	120				
Bis(2-ethylhexyl)phthalate	19.6	1.00	20.00	0	98.2	80	120				
Carbazole	17.2	1.00	20.00	0	85.8	80	120				
Chrysene	16.8	1.00	20.00	0	83.9	80	120				
Dibenz(a,h)anthracene	18.0	1.00	20.00	0	89.8	80	120				
Dibenzofuran	20.2	1.00	20.00	0	101	80	120				
Fluoranthene	20.1	1.00	20.00	0	101	80	120				
Fluorene	20.5	1.00	20.00	0	102	80	120				
Indeno(1,2,3-cd)pyrene	23.1	1.00	20.00	0	115	80	120				
Naphthalene	20.1	1.00	20.00	0	100	80	120				
Pentachlorophenol	19.3	1.50	20.00	0	96.4	80	120				
Phenanthrene	18.8	1.00	20.00	0	94.2	80	120				
Pyrene	22.8	1.00	20.00	0	114	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **MB-18383**	SampType: **MBLK**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date: **8/16/2021**	RunNo: **41718**
Client ID: **PBW**	Batch ID: **18383**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **8/30/2021**	SeqNo: **535514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	1.00									
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5,6-Tetrachlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
2,4,5-Trichlorophenol	ND	1.00									
2,4,6-Trichlorophenol	ND	1.00									
2-Methylnaphthalene	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Acenaphthene	ND	1.00									
Acenaphthylene	ND	1.00									
Anthracene	ND	1.00									
Benz(a)anthracene	ND	1.00									
Benzo(a)pyrene	ND	1.00									
Benzo(b)fluoranthene	ND	1.00									
Benzo(g,h,i)perylene	ND	1.00									
Benzo(k)fluoranthene	ND	1.00									
Bis(2-ethylhexyl)phthalate	ND	1.00									
Carbazole	ND	1.00									
Chrysene	ND	1.00									
Dibenz(a,h)anthracene	ND	1.00									
Dibenzofuran	ND	1.00									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **MB-18383** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/16/2021** RunNo: **41718**

Client ID: **PBW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	1.00									
Fluorene	ND	1.00									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Naphthalene	ND	1.00									
Pentachlorophenol	ND	1.50									
Phenanthrene	ND	1.00									
Pyrene	ND	1.00									
Surr: 2,4,6-Tribromophenol	69.9		100.0		69.9	33.1	99.7				
Surr: 2-Fluorobiphenyl	95.4		100.0		95.4	33.1	96.2				
Surr: 2-Fluorophenol	37.0		100.0		37.0	13.4	57.1				
Surr: 4-Terphenyl-d14	99.5		100.0		99.5	41	122				
Surr: Nitrobenzene-d5	76.2		100.0		76.2	28.9	99.9				
Surr: Phenol-d6	31.7		100.0		31.7	10.6	38.5				

Sample ID: **LCS** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	31.7	1.00	40.00	0	79.2	50	130				
2,3,4,6-Tetrachlorophenol	41.6	1.00	40.00	0	104	50	130				
2,3,4-Trichlorophenol	31.0	1.00	40.00	0	77.6	50	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,5,6-Tetrachlorophenol	29.3	1.00	40.00	0	73.3	50	130				
2,3,5-Trichlorophenol	34.7	1.00	40.00	0	86.8	50	130				
2,3,6-Trichlorophenol	35.7	1.00	40.00	0	89.2	50	130				
2,4,5-Trichlorophenol	40.1	1.00	40.00	0	100	50	130				
2,4,6-Trichlorophenol	38.8	1.00	40.00	0	96.9	50	130				
2-Methylnaphthalene	31.1	1.00	40.00	0	77.8	50	130				
3,4,5-Trichlorophenol	41.0	1.00	40.00	0	103	50	130				
Acenaphthene	36.4	1.00	40.00	0	90.9	50	130				
Acenaphthylene	38.8	1.00	40.00	0	97.1	50	130				
Anthracene	36.0	1.00	40.00	0	90.0	50	130				
Benz(a)anthracene	45.1	1.00	40.00	0	113	50	130				
Benzo(a)pyrene	40.6	1.00	40.00	0	102	50	130				
Benzo(b)fluoranthene	44.6	1.00	40.00	0	112	50	130				
Benzo(g,h,i)perylene	25.1	1.00	40.00	0	62.8	50	130				
Benzo(k)fluoranthene	34.2	1.00	40.00	0	85.4	50	130				
Bis(2-ethylhexyl)phthalate	45.0	1.00	40.00	0	112	50	130				
Carbazole	37.5	1.00	40.00	0	93.7	50	130				
Chrysene	34.2	1.00	40.00	0	85.4	50	130				
Dibenz(a,h)anthracene	24.0	1.00	40.00	0	60.0	50	130				
Dibenzofuran	36.6	1.00	40.00	0	91.6	50	130				
Fluoranthene	39.3	1.00	40.00	0	98.2	50	130				
Fluorene	39.9	1.00	40.00	0	99.6	50	130				
Indeno(1,2,3-cd)pyrene	26.1	1.00	40.00	0	65.3	50	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	28.8	1.00	40.00	0	72.0	50	130				
Pentachlorophenol	36.3	1.50	40.00	0	90.8	50	130				
Phenanthrene	34.7	1.00	40.00	0	86.8	50	130				
Pyrene	31.4	1.00	40.00	0	78.6	50	130				

Sample ID: **LCSD** SampType: **LCSD** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSS02** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	30.8	1.00	40.00	0	77.1	50	130	31.69	2.71	20	
2,3,4,6-Tetrachlorophenol	40.3	1.00	40.00	0	101	50	130	41.65	3.25	20	
2,3,4-Trichlorophenol	35.6	1.00	40.00	0	89.1	50	130	31.02	13.9	20	
2,3,5,6-Tetrachlorophenol	31.1	1.00	40.00	0	77.8	50	130	29.32	5.93	20	
2,3,5-Trichlorophenol	37.9	1.00	40.00	0	94.9	50	130	34.70	8.93	20	
2,3,6-Trichlorophenol	38.6	1.00	40.00	0	96.4	50	130	35.66	7.79	20	
2,4,5-Trichlorophenol	37.4	1.00	40.00	0	93.5	50	130	40.11	6.96	20	
2,4,6-Trichlorophenol	36.6	1.00	40.00	0	91.5	50	130	38.77	5.77	20	
2-Methylnaphthalene	30.5	1.00	40.00	0	76.4	50	130	31.10	1.81	20	
3,4,5-Trichlorophenol	41.2	1.00	40.00	0	103	50	130	41.00	0.542	20	
Acenaphthene	36.2	1.00	40.00	0	90.5	50	130	36.38	0.448	20	
Acenaphthylene	38.8	1.00	40.00	0	96.9	50	130	38.82	0.179	20	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCSD**	SampType: **LCSD**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date:	RunNo: **41718**
Client ID: **LCSS02**	Batch ID: **18383**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **8/30/2021**	SeqNo: **535559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	34.7	1.00	40.00	0	86.8	50	130	36.01	3.67	20	
Benz(a)anthracene	43.5	1.00	40.00	0	109	50	130	45.06	3.44	20	
Benzo(a)pyrene	39.8	1.00	40.00	0	99.5	50	130	40.61	1.98	20	
Benzo(b)fluoranthene	42.3	1.00	40.00	0	106	50	130	44.63	5.29	20	
Benzo(g,h,i)perylene	29.7	1.00	40.00	0	74.4	50	130	25.11	16.9	20	
Benzo(k)fluoranthene	33.8	1.00	40.00	0	84.6	50	130	34.15	0.968	20	
Bis(2-ethylhexyl)phthalate	37.7	1.00	40.00	0	94.2	50	130	45.00	17.7	20	
Carbazole	44.0	1.00	40.00	0	110	50	130	37.48	16.0	20	
Chrysene	34.3	1.00	40.00	0	85.7	50	130	34.17	0.258	20	
Dibenz(a,h)anthracene	27.5	1.00	40.00	0	68.8	50	130	23.99	13.8	20	
Dibenzofuran	37.0	1.00	40.00	0	92.6	50	130	36.62	1.09	20	
Fluoranthene	35.4	1.00	40.00	0	88.5	50	130	39.29	10.5	20	
Fluorene	39.5	1.00	40.00	0	98.9	50	130	39.85	0.780	20	
Indeno(1,2,3-cd)pyrene	30.8	1.00	40.00	0	77.0	50	130	26.12	16.4	20	
Naphthalene	28.2	1.00	40.00	0	70.6	50	130	28.79	1.93	20	
Pentachlorophenol	41.0	1.50	40.00	0	102	50	130	36.33	11.9	20	
Phenanthrene	34.7	1.00	40.00	0	86.8	50	130	34.73	0.00662	20	
Pyrene	32.4	1.00	40.00	0	81.1	50	130	31.44	3.16	20	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108078**

9/17/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **CCV MSVWS-2000** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **9/2/2021** SeqNo: **535662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	17.4	1.50	20.00	0	86.9	80	120				

Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

S Spike Recovery outside accepted recovery limits

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

Sample Receipt Checklist

Client Name MAUL_FOSTER Work Order Number 2108078

RcptNo: 1 Date and Time Received 8/11/2021 1:15:00 PM Received by: Mandy Wehe

Completed by Reviewed by:

Completed Date: 8/11/2021 Reviewed Date:

Carrier name: SA

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	Not Present ☐
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐	
Is it clear what analyses were requested?	Yes ☑	No ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Samples in proper container/bottle?	Yes ☑	No ☐	
Were correct preservatives used and noted?	Yes ☑	No ☐	NA ☐
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☑	No ☐	NA ☐
Response when temperature is outside of range:			
Preservative added to bottles:			
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To 2.7 °C
Water - Were bubbles absent in VOC vials?	Yes ☑	No ☐	No Vials ☐
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
Are Samples considered acceptable?	Yes ☑	No ☐	
Custody Seals present?	Yes ☐	No ☑	
Traffic Report or Packing Lists present?	Yes ☐	No ☑	
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present ☑
Airbill No:			
Sample Tags Present?	Yes ☐	No ☑	
Sample Tags Listed on COC?	Yes ☐	No ☑	
Tag Numbers:			
Sample Condition?	Intact ☑	Broken ☐	Leaking ☐

Case Number: SDG: SAS:

Adjusted? _____ Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section be

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

Sample Receipt Checklist

Client Contacted? ☐ Yes ☑ No ☐ NA Person Contacted: Comments:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

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

Chain of Custody Record

Date: 8-10-2021 | Page: 1 of: 2 | Laboratory Project No (internal): 2108078

Project Name: Port of Ridgefield | Temperature on Receipt: 2.7 °C

Client: MFA | Project No: 9003.01.25 PO No: | Cooling: ice | Shipped Via: SA

Address: 109 E 13th Street | Collected by: M. Pollock | Custody Seal: Y (N) Intact / Broken Cooler / Bottle

City, State, Zip: Vancouver, WA 98660 | State Collected: OR (WA) OTHER | MDL TIER IV EDD

Telephone: (360)694-2691 | Report To (PM): Andy Vidounek | Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

AP Email: Invoice Port of Ridgefield | PM Email: avidounek@maulfoster.com ; mpollock@maulfoster.com

#	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Port SVOC list (8270 E)	Pentachlorophenol (8270E)	VOCs (8260D)	Tetrachloroethene PCE (8260D)	Dissolved As (6020)	Comments
1	MW29D081021	8-10-21	1003	GW	3			X			* dissolved As was field-filtered.
2	MW47D081021		1041	GW	3			X			
3	MW46D081021		1121	GW	3			X			
4	MW46S081021		1229	GW	1				X		
5	MW45D081021		1319	GW	4		X	X			
6	MW45D081021-DUP		1319	GW	4		X	X			
7	MW62S081021		1407	GW	4		X	X			
8	MW57S081021		1445	GW	5	X		X		X	
9	MW57D081021		1522	GW	5	X		X		X	
10	Trip Blank ①	8-10-21	-	WT	2						① hold for potential follow up

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

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

Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x [signature]	8-11-2021 1220	x [signature]	8-11-21 1220
x [signature]	8-11-21 1315	x [signature]	8/11/21 1315
x		x	

Chain of Custody Record

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

Client: MFA
Address: 109 E 13th Street
City, State, Zip: Vancouver, WA 98660
Telephone: 3606942691
AP Email: Bill to Port of Ridgefield

Date: 8-10-2021 Page: 2 of: 2
Project Name: Port of Ridgefield
Project No: 4003.01.28 PO No:
Collected by: M. Pollock
State Collected: OR (WA) OTHER
Report To (PM): Andrew Wdaurek
PM Email: awidaurek@maulfoster.com

Laboratory Project No (internal): 2108078
Temperature on Receipt: 2.7 °C
Cooling: ice Shipped Via: SA
Custody Seal: Y (N) Intact / Broken Cooler / Bottle
MDL TIER IV EDD
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

Requested Tests

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Port SVOC list (8270E)	Pentachlorophenol PCP (8270E)	VOCs (8260D)	Tetrachloroethene PCE (8260D)	Dissolved As* (6020)								Comments
1	MW57D081021-DUP	8-10-21	1522	GW	5	X		X		X								*dissolved As was field-filtered.
2	USDFW1081121	8-11-21	0817	GW	5		X	X		X								
3	RMW25081121		0901	GW	1		X											
4	RMW2D081121		0944	GW	1		X											
5	MW63081121		1036	GW	5	X		X		X								
6	MW61081121		1152	GW	4		X	X										
7																		
8																		
9																		
10																		

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

Turn-around Time: Standard (5-7 Business): X 3 Day: ____ 2 Day: ____ Next Day: ____ Same Day: ____
Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x [signature]	8-11-2021 / 1220	x [signature]	8-11-21 1220
x [signature]	8-11-21 1315	x [signature]	8/11/21 1315
x		x	

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

Definition Only

WO#: **2108078**
Date: **9/17/2021**

Definitions:

KEY TO FLAGS

A: This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was qualified against gasoline calibration standards.

A1: This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was qualified against diesel calibration standards.

A2: This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was qualified against lube oil calibration standards.

A3: The results 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.

B: The blank exhibited a positive result greater than the reporting limit for this compound.

CN: See Case Narrative.

E: Result exceeds the calibration range for this compound. The result should be considered an 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.

FS: Follow-up testing is suggested.

G: Result may be biased high due to biogenic interferences. Clean up is recommended.

H: Sample was analyzed outside recommended holding time.

HT: At client's request, samples was analyzed outside of recommended holding time.

HP: Sample was analyzed outside recommended holding time due to VOA having pH >2.

J: The results for this analyte is between the MDL and the PQL and should be considered an

Definitions:

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.

N Gasoline 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.

NH: Sample matrix is non-homogeneous

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: CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.

SL: LCS exceeded recovery control limits, but associated MS/MSD passing. Data meets EPA requirements.

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

September 20, 2021

Andrew Vidourek
Maul Foster & Alongi
109 East 13th Street
Vancouver, WA 98660
TEL:
FAX:

RE: Port of Ridgefield / 9003.01.28 Order No.: 2108094

Dear Andrew Vidourek:

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

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

Case Narrative

WO#: **2108094**
Date: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28

Revision 1.

Report revised to remove J flags.

Revision 2.

Report revised to update surrogate recovery results for test 8270.

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-001
Client Sample ID MW55S081121

Collection Date: 8/11/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	54.6	0.100		µg/L	1	8/13/2021 2:29:21 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
1-Methylnaphthalene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,3,4,6-Tetrachlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,3,4-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,3,5,6-Tetrachlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,3,5-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,3,6-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,4,5-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2,4,6-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
2-Methylnaphthalene	38.5	1.15		µg/L	1	8/31/2021 8:23:00 PM
3,4,5-Trichlorophenol	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Acenaphthene	192	11.5		µg/L	10	8/30/2021 8:41:00 PM
Acenaphthylene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Anthracene	5.64	1.15		µg/L	1	8/31/2021 8:23:00 PM
Benz(a)anthracene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Benzo(a)pyrene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Benzo(b)fluoranthene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Benzo(g,h,i)perylene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Benzo(k)fluoranthene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Carbazole	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Chrysene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Dibenz(a,h)anthracene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Dibenzofuran	64.5	1.15		µg/L	1	8/31/2021 8:23:00 PM
Fluoranthene	1.62	1.15		µg/L	1	8/31/2021 8:23:00 PM
Fluorene	66.6	1.15		µg/L	1	8/31/2021 8:23:00 PM
Indeno(1,2,3-cd)pyrene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Naphthalene	13.9	1.15		µg/L	1	8/31/2021 8:23:00 PM
Pentachlorophenol	ND	1.73		µg/L	1	8/31/2021 8:23:00 PM
Phenanthrene	36.7	1.15		µg/L	1	8/31/2021 8:23:00 PM
Pyrene	ND	1.15		µg/L	1	8/31/2021 8:23:00 PM
Surr: 2,4,6-Tribromophenol	57.9	33.1 - 99.7		%Rec	1	8/31/2021 8:23:00 PM
Surr: 2-Fluorobiphenyl	69.6	33.1 - 96.2		%Rec	1	8/31/2021 8:23:00 PM
Surr: 2-Fluorophenol	35.4	13.4 - 57.1		%Rec	1	8/31/2021 8:23:00 PM
Surr: 4-Terphenyl-d14	111	41 - 122		%Rec	1	8/31/2021 8:23:00 PM
Surr: Nitrobenzene-d5	76.7	28.9 - 99.9		%Rec	1	8/31/2021 8:23:00 PM
Surr: Phenol-d6	36.7	10.6 - 38.5		%Rec	1	8/31/2021 8:23:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-001
Client Sample ID MW55S081121

Collection Date: 8/11/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2,4-Trimethylbenzene	1.79	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,3,5-Trimethylbenzene	2.51	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 2:47:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 2:47:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 2:47:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 2:47:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 2:47:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 2:47:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 2:47:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded

S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-001
Client Sample ID MW55S081121

Collection Date: 8/11/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Ethylbenzene	14.8	1.00		µg/L	1	8/18/2021 2:47:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Isopropylbenzene	17.6	1.00		µg/L	1	8/18/2021 2:47:00 AM
m,p-Xylene	2.55	2.00		µg/L	1	8/18/2021 2:47:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 2:47:00 AM
Naphthalene	39.0	1.00		µg/L	1	8/18/2021 2:47:00 AM
n-Butylbenzene	68.1	1.00		µg/L	1	8/18/2021 2:47:00 AM
n-Propylbenzene	14.2	1.00		µg/L	1	8/18/2021 2:47:00 AM
o-Xylene	2.15	1.00		µg/L	1	8/18/2021 2:47:00 AM
sec-Butylbenzene	8.46	1.00		µg/L	1	8/18/2021 2:47:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
tert-Butylbenzene	2.98	1.00		µg/L	1	8/18/2021 2:47:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 2:47:00 AM
Surr: 1,2-Dichloroethane-d4	102	75.3 - 126		%Rec	1	8/18/2021 2:47:00 AM
Surr: 4-Bromofluorobenzene	95.2	78.1 - 120		%Rec	1	8/18/2021 2:47:00 AM
Surr: Dibromofluoromethane	101	74.2 - 122		%Rec	1	8/18/2021 2:47:00 AM
Surr: Toluene-d8	103	76.2 - 135		%Rec	1	8/18/2021 2:47:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-002
Client Sample ID MW55081121

Collection Date: 8/11/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	193	14.3		µg/L	10	9/2/2021 4:36:00 PM
Surr: 2,4,6-Tribromophenol	62.1	33.1 - 99.7		%Rec	10	9/2/2021 4:36:00 PM
Surr: 2-Fluorophenol	34.7	13.4 - 57.1		%Rec	10	9/2/2021 4:36:00 PM
Surr: Phenol-d6	29.0	10.6 - 38.5		%Rec	10	9/2/2021 4:36:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 3:09:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 3:09:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 3:09:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 3:09:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 3:09:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 3:09:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-002
Client Sample ID MW55081121

Collection Date: 8/11/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D** **SW 5030B**		Analyst: **CK**
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 3:09:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 3:09:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 3:09:00 AM
Naphthalene	5.90	1.00		µg/L	1	8/18/2021 3:09:00 AM
n-Butylbenzene	1.13	1.00		µg/L	1	8/18/2021 3:09:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 3:09:00 AM
Surr: 1,2-Dichloroethane-d4	101	75.3 - 126		%Rec	1	8/18/2021 3:09:00 AM
Surr: 4-Bromofluorobenzene	95.0	78.1 - 120		%Rec	1	8/18/2021 3:09:00 AM
Surr: Dibromofluoromethane	99.6	74.2 - 122		%Rec	1	8/18/2021 3:09:00 AM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/18/2021 3:09:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-003
Client Sample ID MW55D081121

Collection Date: 8/11/2021 2:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	13.0	0.100		µg/L	1	8/13/2021 2:32:47 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	218	14.9		µg/L	10	9/2/2021 4:55:00 PM
Surr: 2,4,6-Tribromophenol	78.7	33.1 - 99.7		%Rec	10	9/2/2021 4:55:00 PM
Surr: 2-Fluorophenol	24.3	13.4 - 57.1		%Rec	10	9/2/2021 4:55:00 PM
Surr: Phenol-d6	14.8	10.6 - 38.5		%Rec	10	9/2/2021 4:55:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 3:32:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 3:32:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 3:32:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 3:32:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 3:32:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-003
Client Sample ID MW55D081121

Collection Date: 8/11/2021 2:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Benzene	5.12	0.300		µg/L	1	8/18/2021 3:32:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 3:32:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
cis-1,2-Dichloroethene	3.98	1.00		µg/L	1	8/18/2021 3:32:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Isopropylbenzene	1.23	1.00		µg/L	1	8/18/2021 3:32:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 3:32:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 3:32:00 AM
Naphthalene	4.42	1.00		µg/L	1	8/18/2021 3:32:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Tetrachloroethene	2.83	1.00		µg/L	1	8/18/2021 3:32:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Trichloroethene	2.39	1.00		µg/L	1	8/18/2021 3:32:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 3:32:00 AM
Vinyl chloride	1.64	1.00		µg/L	1	8/18/2021 3:32:00 AM
Surr: 1,2-Dichloroethane-d4	93.0	75.3 - 126		%Rec	1	8/18/2021 3:32:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-003
Client Sample ID MW55D081121

Collection Date: 8/11/2021 2:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Surr: 4-Bromofluorobenzene	94.9	78.1 - 120		%Rec	1	8/18/2021 3:32:00 AM
Surr: Dibromofluoromethane	92.2	74.2 - 122		%Rec	1	8/18/2021 3:32:00 AM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/18/2021 3:32:00 AM

Qualifiers:
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-004
Client Sample ID MW56081121

Collection Date: 8/11/2021 3:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	ND	1.45		µg/L	1	9/2/2021 5:13:00 PM
Surr: 2,4,6-Tribromophenol	77.1	33.1 - 99.7		%Rec	1	9/2/2021 5:13:00 PM
Surr: 2-Fluorophenol	30.6	13.4 - 57.1		%Rec	1	9/2/2021 5:13:00 PM
Surr: Phenol-d6	20.4	10.6 - 38.5		%Rec	1	9/2/2021 5:13:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 3:54:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 3:54:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 3:54:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 3:54:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 3:54:00 AM
Benzene	ND	0.300		µg/L	1	8/18/2021 3:54:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-004
Client Sample ID MW56081121

Collection Date: 8/11/2021 3:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 3:54:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 3:54:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 3:54:00 AM
Naphthalene	2.91	1.00		µg/L	1	8/18/2021 3:54:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 3:54:00 AM
Surr: 1,2-Dichloroethane-d4	102	75.3 - 126		%Rec	1	8/18/2021 3:54:00 AM
Surr: 4-Bromofluorobenzene	95.2	78.1 - 120		%Rec	1	8/18/2021 3:54:00 AM
Surr: Dibromofluoromethane	101	74.2 - 122		%Rec	1	8/18/2021 3:54:00 AM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/18/2021 3:54:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-005
Client Sample ID MW58D081121

Collection Date: 8/11/2021 3:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE				**SW 6020B**		Analyst: **EG**
Arsenic	11.1	0.100		µg/L	1	8/13/2021 2:36:12 PM
SEMIVOLATILE ORGANICS-LOW LEVEL				**SW8270E**	**SW 3510C**	Analyst: **CK**
Pentachlorophenol	ND	1.45		µg/L	1	8/31/2021 7:22:00 PM
Surr: 2,4,6-Tribromophenol	96.8	33.1 - 99.7		%Rec	1	8/31/2021 7:22:00 PM
Surr: 2-Fluorophenol	30.5	13.4 - 57.1		%Rec	1	8/31/2021 7:22:00 PM
Surr: Phenol-d6	19.9	10.6 - 38.5		%Rec	1	8/31/2021 7:22:00 PM
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
2-Butanone	ND	10.0		µg/L	1	8/18/2021 4:16:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
2-Hexanone	ND	10.0		µg/L	1	8/18/2021 4:16:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	8/18/2021 4:16:00 AM
Acetone	ND	20.0		µg/L	1	8/18/2021 4:16:00 AM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2021 4:16:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-005
Client Sample ID MW58D081121

Collection Date: 8/11/2021 3:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Benzene	0.890	0.300		µg/L	1	8/18/2021 4:16:00 AM
Bromobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Bromoform	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Bromomethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2021 4:16:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Chloroethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Chloroform	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Chloromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Dibromomethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2021 4:16:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Methylene chloride	ND	50.0		µg/L	1	8/18/2021 4:16:00 AM
Naphthalene	2.11	1.00		µg/L	1	8/18/2021 4:16:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
o-Xylene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Styrene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Toluene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Trichloroethene	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2021 4:16:00 AM
Surr: 1,2-Dichloroethane-d4	101	75.3 - 126		%Rec	1	8/18/2021 4:16:00 AM

Qualifiers: H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

Specialty Analytical

WO#: **2108094**
Date Reported: **9/20/2021**

CLIENT: Maul Foster & Alongi
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2108094-005
Client Sample ID MW58D081121

Collection Date: 8/11/2021 3:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **CK**
Surr: 4-Bromofluorobenzene	95.8	78.1 - 120		%Rec	1	8/18/2021 4:16:00 AM
Surr: Dibromofluoromethane	101	74.2 - 122		%Rec	1	8/18/2021 4:16:00 AM
Surr: Toluene-d8	104	76.2 - 135		%Rec	1	8/18/2021 4:16:00 AM

Qualifiers:
H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **ICV** SampType: **ICV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **ICV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532757**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.0	0.100	50.00	0	97.9	90	110				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532763**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.5	0.100	50.00	0	97.1	90	110				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532764**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.0	0.100	50.00	0	96.0	90	110				

Sample ID: **MB-18367** SampType: **MBLK** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **8/13/2021** RunNo: **41448**

Client ID: **PBW** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **MB-18367**	SampType: **MBLK**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **PBW**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532765**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-18367**	SampType: **LCS**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **LCSW**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.9	0.100	50.00	0	104	90	110				

Sample ID: **A2108091-001BDUP**	SampType: **DUP**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **BatchQC**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.613	0.100									

Sample ID: **A2108091-001BMS**	SampType: **MS**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/13/2021**	RunNo: **41448**
Client ID: **BatchQC**	Batch ID: **18367**	TestNo: **SW 6020B**		Analysis Date: **8/13/2021**	SeqNo: **532772**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.8	0.100	50.00	0	102	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **A2108091-001BMSD** SampType: **MSD** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **8/13/2021** RunNo: **41448**

Client ID: **BatchQC** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.5	0.100	50.00	0	103	70	130				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532777**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.4	0.100	50.00	0	96.8	90	110				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **41448**

Client ID: **CCV** Batch ID: **18367** TestNo: **SW 6020B** Analysis Date: **8/13/2021** SeqNo: **532784**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.5	1.00	40.00	0	98.8	80	120				
1,1,1-Trichloroethane	40.6	1.00	40.00	0	101	80	120				
1,1,2,2-Tetrachloroethane	37.7	1.00	40.00	0	94.4	80	120				
1,1,2-Trichloroethane	39.6	1.00	40.00	0	99.0	80	120				
1,1-Dichloroethane	41.3	1.00	40.00	0	103	80	120				
1,1-Dichloroethene	41.6	1.00	40.00	0	104	80	120				
1,1-Dichloropropene	37.2	1.00	40.00	0	93.0	80	120				
1,2,3-Trichlorobenzene	40.0	1.00	40.00	0	99.9	80	120				
1,2,3-Trichloropropane	37.5	1.00	40.00	0	93.8	80	120				
1,2,4-Trichlorobenzene	40.2	1.00	40.00	0	100	80	120				
1,2,4-Trimethylbenzene	37.7	1.00	40.00	0	94.2	80	120				
1,2-Dibromo-3-chloropropane	39.1	1.00	40.00	0	97.7	80	120				
1,2-Dibromoethane	39.7	1.00	40.00	0	99.2	80	120				
1,2-Dichlorobenzene	38.1	1.00	40.00	0	95.2	80	120				
1,2-Dichloroethane	39.0	1.00	40.00	0	97.6	80	120				
1,2-Dichloropropane	38.8	1.00	40.00	0	97.0	80	120				
1,3,5-Trimethylbenzene	38.8	1.00	40.00	0	97.1	80	120				
1,3-Dichlorobenzene	38.5	1.00	40.00	0	96.2	80	120				
1,3-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,4-Dichlorobenzene	38.3	1.00	40.00	0	95.7	80	120				
2,2-Dichloropropane	39.1	1.00	40.00	0	97.6	80	120				
2-Butanone	47.2	10.0	40.00	0	118	80	120				
2-Chlorotoluene	38.1	1.00	40.00	0	95.2	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	47.7	10.0	40.00	0	119	80	120				
4-Chlorotoluene	38.8	1.00	40.00	0	97.0	80	120				
4-Isopropyltoluene	39.1	1.00	40.00	0	97.8	80	120				
4-Methyl-2-pentanone	40.7	10.0	40.00	0	102	80	120				
Acetone	86.9	20.0	80.00	0	109	80	120				
Acrylonitrile	38.5	5.00	40.00	0	96.3	80	120				
Benzene	40.0	0.300	40.00	0	100	80	120				
Bromobenzene	37.7	1.00	40.00	0	94.3	80	120				
Bromochloromethane	40.0	1.00	40.00	0	100	80	120				
Bromodichloromethane	39.3	1.00	40.00	0	98.3	80	120				
Bromoform	38.8	1.00	40.00	0	97.1	80	120				
Bromomethane	46.7	1.00	40.00	0	117	80	120				
Carbon disulfide	42.7	2.00	40.00	0	107	80	120				
Carbon tetrachloride	38.7	1.00	40.00	0	96.8	80	120				
Chlorobenzene	39.3	1.00	40.00	0	98.2	80	120				
Chloroethane	43.0	1.00	40.00	0	108	80	120				
Chloroform	38.7	1.00	40.00	0	96.8	80	120				
Chloromethane	42.3	1.00	40.00	0	106	80	120				
cis-1,2-Dichloroethene	39.5	1.00	40.00	0	98.8	80	120				
cis-1,3-Dichloropropene	40.2	1.00	40.00	0	101	80	120				
Dibromochloromethane	39.6	1.00	40.00	0	99.0	80	120				
Dibromomethane	39.1	1.00	40.00	0	97.8	80	120				
Dichlorodifluoromethane	45.7	1.00	40.00	0	114	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	40.0	1.00	40.00	0	100	80	120				
Hexachlorobutadiene	42.1	1.00	40.00	0	105	80	120				
Isopropylbenzene	40.0	1.00	40.00	0	100	80	120				
m,p-Xylene	81.1	2.00	80.00	0	101	80	120				
Methyl tert-butyl ether	39.5	1.00	40.00	0	98.8	80	120				
Methylene chloride	ND	50.0	40.00	0	99.7	80	120				
Naphthalene	39.3	1.00	40.00	0	98.3	80	120				
n-Butylbenzene	39.6	1.00	40.00	0	99.0	80	120				
n-Propylbenzene	38.6	1.00	40.00	0	96.6	80	120				
o-Xylene	40.5	1.00	40.00	0	101	80	120				
sec-Butylbenzene	39.2	1.00	40.00	0	98.1	80	120				
Styrene	40.2	1.00	40.00	0	100	80	120				
tert-Butylbenzene	38.4	1.00	40.00	0	96.0	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	104	80	120				
Toluene	39.6	1.00	40.00	0	99.0	80	120				
trans-1,2-Dichloroethene	42.1	1.00	40.00	0	105	80	120				
trans-1,3-Dichloropropene	40.1	1.00	40.00	0	100	80	120				
Trichloroethene	38.1	1.00	40.00	0	95.2	80	120				
Trichlorofluoromethane	38.6	1.00	40.00	0	96.5	80	120				
Vinyl chloride	38.2	1.00	40.00	0	95.6	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.0	1.00	40.00	0	99.9	80	120				
1,1,1-Trichloroethane	41.0	1.00	40.00	0	102	80	120				
1,1,2,2-Tetrachloroethane	39.1	1.00	40.00	0	97.7	80	120				
1,1,2-Trichloroethane	40.6	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	42.4	1.00	40.00	0	106	80	120				
1,1-Dichloroethene	42.1	1.00	40.00	0	105	61.2	135				
1,1-Dichloropropene	37.8	1.00	40.00	0	94.5	80	120				
1,2,3-Trichlorobenzene	41.3	1.00	40.00	0	103	80	120				
1,2,3-Trichloropropane	38.9	1.00	40.00	0	97.2	80	120				
1,2,4-Trichlorobenzene	41.1	1.00	40.00	0	103	80	120				
1,2,4-Trimethylbenzene	39.3	1.00	40.00	0	98.2	80	120				
1,2-Dibromo-3-chloropropane	40.4	1.00	40.00	0	101	80	120				
1,2-Dibromoethane	40.5	1.00	40.00	0	101	80	120				
1,2-Dichlorobenzene	39.4	1.00	40.00	0	98.5	80	120				
1,2-Dichloroethane	40.1	1.00	40.00	0	100	80	120				
1,2-Dichloropropane	39.6	1.00	40.00	0	98.9	80	120				
1,3,5-Trimethylbenzene	40.3	1.00	40.00	0	101	80	120				
1,3-Dichlorobenzene	39.9	1.00	40.00	0	99.8	80	120				
1,3-Dichloropropane	40.3	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	39.1	1.00	40.00	0	97.9	80	120				
2,2-Dichloropropane	39.6	1.00	40.00	0	99.0	80	120				
2-Butanone	47.3	10.0	40.00	0	118	80	120				
2-Chlorotoluene	39.5	1.00	40.00	0	98.7	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	47.2	10.0	40.00	0	118	80	120				
4-Chlorotoluene	40.0	1.00	40.00	0	99.9	80	120				
4-Isopropyltoluene	40.6	1.00	40.00	0	102	80	120				
4-Methyl-2-pentanone	42.2	10.0	40.00	0	106	80	120				
Acetone	90.2	20.0	80.00	0	113	80	120				
Acrylonitrile	40.3	5.00	40.00	0	101	80	120				
Benzene	40.8	0.300	40.00	0	102	76.8	125				
Bromobenzene	38.8	1.00	40.00	0	97.0	80	120				
Bromochloromethane	40.0	1.00	40.00	0	100	80	120				
Bromodichloromethane	40.0	1.00	40.00	0	99.9	80	120				
Bromoform	39.9	1.00	40.00	0	99.7	80	120				
Bromomethane	47.0	1.00	40.00	0	117	80	120				
Carbon disulfide	41.7	2.00	40.00	0	104	80	120				
Carbon tetrachloride	39.2	1.00	40.00	0	97.9	80	120				
Chlorobenzene	39.7	1.00	40.00	0	99.2	84.1	116				
Chloroethane	40.8	1.00	40.00	0	102	80	120				
Chloroform	39.4	1.00	40.00	0	98.4	80	120				
Chloromethane	43.3	1.00	40.00	0	108	80	120				
cis-1,2-Dichloroethene	40.1	1.00	40.00	0	100	80	120				
cis-1,3-Dichloropropene	40.7	1.00	40.00	0	102	80	120				
Dibromochloromethane	39.9	1.00	40.00	0	99.8	80	120				
Dibromomethane	39.8	1.00	40.00	0	99.5	80	120				
Dichlorodifluoromethane	46.6	1.00	40.00	0	116	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	40.8	1.00	40.00	0	102	80	120				
Hexachlorobutadiene	38.4	1.00	40.00	0	95.9	80	120				
Isopropylbenzene	41.9	1.00	40.00	0	105	80	120				
m,p-Xylene	82.8	2.00	80.00	0	103	80	120				
Methyl tert-butyl ether	41.0	1.00	40.00	0	102	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				
Naphthalene	41.6	1.00	40.00	0	104	80	120				
n-Butylbenzene	40.4	1.00	40.00	0	101	80	120				
n-Propylbenzene	40.2	1.00	40.00	0	101	80	120				
o-Xylene	41.3	1.00	40.00	0	103	80	120				
sec-Butylbenzene	40.6	1.00	40.00	0	102	80	120				
Styrene	40.9	1.00	40.00	0	102	80	120				
tert-Butylbenzene	39.9	1.00	40.00	0	99.8	80	120				
Tetrachloroethene	42.8	1.00	40.00	0	107	80	120				
Toluene	40.3	1.00	40.00	0	101	82	122				
trans-1,2-Dichloroethene	42.6	1.00	40.00	0	107	82	120				
trans-1,3-Dichloropropene	40.8	1.00	40.00	0	102	82	120				
Trichloroethene	38.5	1.00	40.00	0	96.2	68.5	124				
Trichlorofluoromethane	38.9	1.00	40.00	0	97.2	80	120				
Vinyl chloride	47.8	1.00	40.00	0	119	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/17/2021**	SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/17/2021**	SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.4		100.0		96.4	75.3	126				
Surr: 4-Bromofluorobenzene	99.0		100.0		99.0	78.1	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/17/2021** SeqNo: **533876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	94.7		100.0		94.7	74.2	122				
Surr: Toluene-d8	102		100.0		102	76.2	135				

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	38.3	1.00	40.00	0	95.7	70	130				
1,1,1-Trichloroethane	35.9	1.00	40.00	0	89.7	70	130				
1,1,2,2-Tetrachloroethane	39.4	1.00	40.00	0	98.6	70	130				
1,1,2-Trichloroethane	38.3	1.00	40.00	0	95.8	70	130				
1,1-Dichloroethane	36.4	1.00	40.00	0	91.1	70	130				
1,1-Dichloroethene	35.9	1.00	40.00	0	89.7	47.8	165				
1,1-Dichloropropene	36.4	1.00	40.00	0	91.1	70	130				
1,2,3-Trichlorobenzene	39.2	1.00	40.00	0	97.9	70	130				
1,2,3-Trichloropropane	38.9	1.00	40.00	0	97.2	70	130				
1,2,4-Trichlorobenzene	39.7	1.00	40.00	0	99.2	70	130				
1,2,4-Trimethylbenzene	39.4	1.00	40.00	0	98.6	70	130				
1,2-Dibromo-3-chloropropane	41.0	1.00	40.00	0	103	70	130				
1,2-Dibromoethane	39.1	1.00	40.00	0	97.8	70	130				
1,2-Dichlorobenzene	39.4	1.00	40.00	0	98.6	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	36.0	1.00	40.00	0	90.0	70	130				
1,2-Dichloropropane	36.2	1.00	40.00	0	90.5	70	130				
1,3,5-Trimethylbenzene	40.0	1.00	40.00	0	100	70	130				
1,3-Dichlorobenzene	39.1	1.00	40.00	0	97.8	70	130				
1,3-Dichloropropane	38.4	1.00	40.00	0	96.1	70	130				
1,4-Dichlorobenzene	39.0	1.00	40.00	0	97.6	70	130				
2,2-Dichloropropane	32.3	1.00	40.00	0	80.7	70	130				
2-Butanone	71.6	10.0	80.00	0	89.5	70	130				
2-Chlorotoluene	39.8	1.00	40.00	0	99.5	70	130				
2-Hexanone	76.1	10.0	80.00	0	95.1	70	130				
4-Chlorotoluene	39.0	1.00	40.00	0	97.5	70	130				
4-Isopropyltoluene	39.3	1.00	40.00	0	98.2	70	130				
4-Methyl-2-pentanone	76.9	10.0	80.00	0	96.1	70	130				
Acetone	69.1	20.0	80.00	0	86.4	70	130				
Acrylonitrile	36.4	5.00	40.00	0	91.0	70	130				
Benzene	37.6	0.300	40.00	0.8900	91.8	74.1	136				
Bromobenzene	39.3	1.00	40.00	0	98.2	70	130				
Bromochloromethane	37.3	1.00	40.00	0	93.3	70	130				
Bromodichloromethane	35.9	1.00	40.00	0	89.8	70	130				
Bromoform	38.7	1.00	40.00	0	96.9	70	130				
Bromomethane	33.0	1.00	40.00	0	82.6	70	130				
Carbon disulfide	36.8	2.00	40.00	0	91.9	70	130				
Carbon tetrachloride	36.5	1.00	40.00	0	91.2	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	38.4	1.00	40.00	0	96.0	70.7	133				
Chloroethane	35.8	1.00	40.00	0	89.4	70	130				
Chloroform	36.2	1.00	40.00	0	90.5	70	130				
Chloromethane	33.9	1.00	40.00	0	84.8	70	130				
cis-1,2-Dichloroethene	35.9	1.00	40.00	0	89.8	70	130				
cis-1,3-Dichloropropene	35.7	1.00	40.00	0	89.3	70	130				
Dibromochloromethane	38.7	1.00	40.00	0	96.7	70	130				
Dibromomethane	36.1	1.00	40.00	0	90.3	70	130				
Dichlorodifluoromethane	35.2	1.00	40.00	0	88.0	70	130				
Ethylbenzene	39.1	1.00	40.00	0	97.7	70	130				
Hexachlorobutadiene	37.2	1.00	40.00	0	93.0	70	130				
Isopropylbenzene	39.3	1.00	40.00	0	98.3	70	130				
m,p-Xylene	78.9	2.00	80.00	0	98.6	70	130				
Methyl tert-butyl ether	36.3	1.00	40.00	0	90.8	70	130				
Methylene chloride	ND	50.0	40.00	0	86.7	70	130				
Naphthalene	42.2	1.00	40.00	2.110	100	70	130				
n-Butylbenzene	39.5	1.00	40.00	0	98.8	70	130				
n-Propylbenzene	39.8	1.00	40.00	0	99.5	70	130				
o-Xylene	39.5	1.00	40.00	0	98.7	70	130				
sec-Butylbenzene	39.4	1.00	40.00	0	98.5	70	130				
Styrene	39.0	1.00	40.00	0	97.6	70	130				
tert-Butylbenzene	40.0	1.00	40.00	0	100	70	130				
Tetrachloroethene	36.7	1.00	40.00	0	91.7	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	38.8	1.00	40.00	0	96.9	68.4	135				
trans-1,2-Dichloroethene	36.6	1.00	40.00	0	91.6	70	130				
trans-1,3-Dichloropropene	37.5	1.00	40.00	0	93.8	70	130				
Trichloroethene	36.0	1.00	40.00	0	89.9	50.8	164				
Trichlorofluoromethane	35.8	1.00	40.00	0	89.5	70	130				
Vinyl chloride	37.8	1.00	40.00	0	94.6	70	130				

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.2	1.00	40.00	0	108	70	130	38.26	12.1	30	
1,1,1-Trichloroethane	43.4	1.00	40.00	0	108	70	130	35.88	18.9	30	
1,1,2,2-Tetrachloroethane	33.3	1.00	40.00	0	83.3	70	130	39.44	16.9	30	
1,1,2-Trichloroethane	41.8	1.00	40.00	0	105	70	130	38.30	8.86	30	
1,1-Dichloroethane	45.9	1.00	40.00	0	115	70	130	36.45	23.0	30	
1,1-Dichloroethene	47.3	1.00	40.00	0	118	47.8	165	35.86	27.5	30	
1,1-Dichloropropene	43.8	1.00	40.00	0	109	70	130	36.42	18.4	30	
1,2,3-Trichlorobenzene	37.1	1.00	40.00	0	92.6	70	130	39.16	5.51	30	
1,2,3-Trichloropropane	30.1	1.00	40.00	0	75.3	70	130	38.89	25.4	30	
1,2,4-Trichlorobenzene	40.4	1.00	40.00	0	101	70	130	39.70	1.85	30	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	42.2	1.00	40.00	0	105	70	130	39.43	6.67	30	
1,2-Dibromo-3-chloropropane	40.3	1.00	40.00	0	101	70	130	41.04	1.87	30	
1,2-Dibromoethane	39.9	1.00	40.00	0	99.8	70	130	39.10	2.03	30	
1,2-Dichlorobenzene	40.5	1.00	40.00	0	101	70	130	39.43	2.60	30	
1,2-Dichloroethane	41.5	1.00	40.00	0	104	70	130	35.99	14.3	30	
1,2-Dichloropropane	32.6	1.00	40.00	0	81.6	70	130	36.19	10.3	30	
1,3,5-Trimethylbenzene	42.0	1.00	40.00	0	105	70	130	40.02	4.85	30	
1,3-Dichlorobenzene	41.2	1.00	40.00	0	103	70	130	39.12	5.08	30	
1,3-Dichloropropane	42.6	1.00	40.00	0	106	70	130	38.45	10.2	30	
1,4-Dichlorobenzene	40.6	1.00	40.00	0	102	70	130	39.05	4.02	30	
2,2-Dichloropropane	37.9	1.00	40.00	0	94.8	70	130	32.28	16.1	30	
2-Butanone	69.4	10.0	80.00	0	86.8	70	130	71.57	3.06	30	
2-Chlorotoluene	41.7	1.00	40.00	0	104	70	130	39.79	4.59	30	
2-Hexanone	68.5	10.0	80.00	0	85.6	70	130	76.11	10.5	30	
4-Chlorotoluene	42.1	1.00	40.00	0	105	70	130	38.99	7.74	30	
4-Isopropyltoluene	42.2	1.00	40.00	0	105	70	130	39.26	7.10	30	
4-Methyl-2-pentanone	71.2	10.0	80.00	0	89.0	70	130	76.87	7.67	30	
Acetone	77.4	20.0	80.00	0	96.7	70	130	69.11	11.3	30	
Acrylonitrile	38.1	5.00	40.00	0	95.2	70	130	36.38	4.57	30	
Benzene	44.5	0.300	40.00	0.8900	109	74.1	136	37.60	16.7	30	
Bromobenzene	40.4	1.00	40.00	0	101	70	130	39.28	2.86	30	
Bromochloromethane	44.7	1.00	40.00	0	112	70	130	37.30	18.1	30	
Bromodichloromethane	41.8	1.00	40.00	0	105	70	130	35.92	15.2	30	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	33.1	1.00	40.00	0	82.7	70	130	38.74	15.7	30	
Bromomethane	40.3	1.00	40.00	0	101	70	130	33.05	19.7	30	
Carbon disulfide	45.8	2.00	40.00	0	115	70	130	36.77	21.9	30	
Carbon tetrachloride	37.8	1.00	40.00	0	94.6	70	130	36.50	3.55	30	
Chlorobenzene	45.8	1.00	40.00	0	114	70.7	133	38.39	17.6	30	
Chloroethane	44.8	1.00	40.00	0	112	70	130	35.76	22.4	30	
Chloroform	45.7	1.00	40.00	0	114	70	130	36.19	23.1	30	
Chloromethane	42.2	1.00	40.00	0	105	70	130	33.91	21.8	30	
cis-1,2-Dichloroethene	44.4	1.00	40.00	0	111	70	130	35.94	21.1	30	
cis-1,3-Dichloropropene	41.2	1.00	40.00	0	103	70	130	35.71	14.3	30	
Dibromochloromethane	40.6	1.00	40.00	0	101	70	130	38.67	4.80	30	
Dibromomethane	39.7	1.00	40.00	0	99.3	70	130	36.12	9.47	30	
Dichlorodifluoromethane	47.2	1.00	40.00	0	118	70	130	35.18	29.2	30	
Ethylbenzene	46.9	1.00	40.00	0	117	70	130	39.08	18.1	30	
Hexachlorobutadiene	42.2	1.00	40.00	0	106	70	130	37.20	12.6	30	
Isopropylbenzene	46.4	1.00	40.00	0	116	70	130	39.32	16.6	30	
m,p-Xylene	93.6	2.00	80.00	0	117	70	130	78.89	17.1	30	
Methyl tert-butyl ether	37.0	1.00	40.00	0	92.4	70	130	36.31	1.77	30	
Methylene chloride	ND	50.0	40.00	0	116	70	130	0	0	30	
Naphthalene	31.4	1.00	40.00	2.110	73.3	70	130	42.24	29.3	30	
n-Butylbenzene	42.9	1.00	40.00	0	107	70	130	39.51	8.27	30	
n-Propylbenzene	42.2	1.00	40.00	0	105	70	130	39.80	5.83	30	
o-Xylene	46.8	1.00	40.00	0	117	70	130	39.48	16.9	30	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108094-005BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **MW58D081121** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/18/2021** SeqNo: **533893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.4	1.00	40.00	0	106	70	130	39.40	7.45	30	
Styrene	45.7	1.00	40.00	0	114	70	130	39.04	15.7	30	
tert-Butylbenzene	41.7	1.00	40.00	0	104	70	130	40.05	4.13	30	
Tetrachloroethene	41.8	1.00	40.00	0	104	70	130	36.66	13.0	30	
Toluene	46.4	1.00	40.00	0	116	68.4	135	38.77	17.8	30	
trans-1,2-Dichloroethene	45.3	1.00	40.00	0	113	70	130	36.62	21.2	30	
trans-1,3-Dichloropropene	41.1	1.00	40.00	0	103	70	130	37.54	9.10	30	
Trichloroethene	38.2	1.00	40.00	0	95.5	50.8	164	35.95	6.07	30	
Trichlorofluoromethane	45.1	1.00	40.00	0	113	70	130	35.81	23.0	30	
Vinyl chloride	29.2	1.00	40.00	0	72.9	70	130	37.85	25.9	30	

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.1	1.00	40.00	0	105	80	120				
1,1,1-Trichloroethane	39.0	1.00	40.00	0	97.5	80	120				
1,1,2,2-Tetrachloroethane	39.3	1.00	40.00	0	98.2	80	120				
1,1,2-Trichloroethane	40.3	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	38.2	1.00	40.00	0	95.5	80	120				
1,1-Dichloroethene	38.7	1.00	40.00	0	96.8	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	39.2	1.00	40.00	0	98.1	80	120				
1,2,3-Trichlorobenzene	44.6	1.00	40.00	0	111	80	120				
1,2,3-Trichloropropane	37.4	1.00	40.00	0	93.6	80	120				
1,2,4-Trichlorobenzene	45.2	1.00	40.00	0	113	80	120				
1,2,4-Trimethylbenzene	47.2	1.00	40.00	0	118	80	120				
1,2-Dibromo-3-chloropropane	35.0	1.00	40.00	0	87.5	80	120				
1,2-Dibromoethane	39.3	1.00	40.00	0	98.3	80	120				
1,2-Dichlorobenzene	45.5	1.00	40.00	0	114	80	120				
1,2-Dichloroethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,3,5-Trimethylbenzene	47.6	1.00	40.00	0	119	80	120				
1,3-Dichlorobenzene	45.7	1.00	40.00	0	114	80	120				
1,3-Dichloropropane	40.4	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	45.1	1.00	40.00	0	113	80	120				
2,2-Dichloropropane	40.0	1.00	40.00	0	100	80	120				
2-Butanone	68.1	10.0	80.00	0	85.1	80	120				
2-Chlorotoluene	45.0	1.00	40.00	0	113	80	120				
2-Hexanone	67.7	10.0	80.00	0	84.6	80	120				
4-Chlorotoluene	46.6	1.00	40.00	0	116	80	120				
4-Isopropyltoluene	47.7	1.00	40.00	0	119	80	120				
4-Methyl-2-pentanone	67.8	10.0	80.00	0	84.7	80	120				
Acetone	80.2	20.0	80.00	0	100	80	120				
Acrylonitrile	35.0	5.00	40.00	0	87.4	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.6	0.300	40.00	0	98.9	80	120				
Bromobenzene	44.2	1.00	40.00	0	110	80	120				
Bromochloromethane	41.8	1.00	40.00	0	104	80	120				
Bromodichloromethane	39.5	1.00	40.00	0	98.8	80	120				
Bromoform	38.5	1.00	40.00	0	96.2	80	120				
Bromomethane	67.0	1.00	40.00	0	168	80	120				SSC
Carbon disulfide	39.7	2.00	40.00	0	99.3	80	120				
Carbon tetrachloride	39.7	1.00	40.00	0	99.4	80	120				
Chlorobenzene	42.5	1.00	40.00	0	106	80	120				
Chloroethane	44.0	1.00	40.00	0	110	80	120				
Chloroform	39.2	1.00	40.00	0	98.0	80	120				
Chloromethane	41.3	1.00	40.00	0	103	80	120				
cis-1,2-Dichloroethene	38.6	1.00	40.00	0	96.5	80	120				
cis-1,3-Dichloropropene	40.0	1.00	40.00	0	100	80	120				
Dibromochloromethane	41.0	1.00	40.00	0	103	80	120				
Dibromomethane	38.2	1.00	40.00	0	95.6	80	120				
Dichlorodifluoromethane	41.3	1.00	40.00	0	103	80	120				
Ethylbenzene	43.6	1.00	40.00	0	109	80	120				
Hexachlorobutadiene	45.6	1.00	40.00	0	114	80	120				
Isopropylbenzene	44.7	1.00	40.00	0	112	80	120				
m,p-Xylene	90.4	2.00	80.00	0	113	80	120				
Methyl tert-butyl ether	37.6	1.00	40.00	0	93.9	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **CCV MSVWS-3044** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **CCV** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	35.3	1.00	40.00	0	88.2	80	120				
n-Butylbenzene	47.2	1.00	40.00	0	118	80	120				
n-Propylbenzene	47.2	1.00	40.00	0	118	80	120				
o-Xylene	44.0	1.00	40.00	0	110	80	120				
sec-Butylbenzene	47.6	1.00	40.00	0	119	80	120				
Styrene	43.3	1.00	40.00	0	108	80	120				
tert-Butylbenzene	47.1	1.00	40.00	0	118	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	103	80	120				
Toluene	42.6	1.00	40.00	0	107	80	120				
trans-1,2-Dichloroethene	38.5	1.00	40.00	0	96.3	80	120				
trans-1,3-Dichloropropene	40.5	1.00	40.00	0	101	80	120				
Trichloroethene	39.6	1.00	40.00	0	99.1	80	120				
Trichlorofluoromethane	39.8	1.00	40.00	0	99.6	80	120				
Vinyl chloride	38.0	1.00	40.00	0	94.9	80	120				

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.8	1.00	40.00	0	102	70	130				
1,1,1-Trichloroethane	44.0	1.00	40.00	0	110	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	38.6	1.00	40.00	0	96.6	70	130				
1,1,2-Trichloroethane	39.1	1.00	40.00	0	97.8	70	130				
1,1-Dichloroethane	44.4	1.00	40.00	0	111	70	130				
1,1-Dichloroethene	44.7	1.00	40.00	0	112	47.8	165				
1,1-Dichloropropene	44.4	1.00	40.00	0	111	70	130				
1,2,3-Trichlorobenzene	41.9	1.00	40.00	0	105	70	130				
1,2,3-Trichloropropane	36.6	1.00	40.00	0	91.5	70	130				
1,2,4-Trichlorobenzene	43.3	1.00	40.00	0	108	70	130				
1,2,4-Trimethylbenzene	46.0	1.00	40.00	0	115	70	130				
1,2-Dibromo-3-chloropropane	34.9	1.00	40.00	0	87.3	70	130				
1,2-Dibromoethane	38.4	1.00	40.00	0	95.9	70	130				
1,2-Dichlorobenzene	45.2	1.00	40.00	0	113	70	130				
1,2-Dichloroethane	42.6	1.00	40.00	0	106	70	130				
1,2-Dichloropropane	43.8	1.00	40.00	0	110	70	130				
1,3,5-Trimethylbenzene	46.2	1.00	40.00	0	116	70	130				
1,3-Dichlorobenzene	45.4	1.00	40.00	0	113	70	130				
1,3-Dichloropropane	39.4	1.00	40.00	0	98.4	70	130				
1,4-Dichlorobenzene	45.2	1.00	40.00	0	113	70	130				
2,2-Dichloropropane	46.0	1.00	40.00	0	115	70	130				
2-Butanone	66.9	10.0	80.00	0	83.6	70	130				
2-Chlorotoluene	45.5	1.00	40.00	0	114	70	130				
2-Hexanone	64.6	10.0	80.00	0	80.8	70	130				
4-Chlorotoluene	46.4	1.00	40.00	0	116	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	45.9	1.00	40.00	0	115	70	130				
4-Methyl-2-pentanone	68.8	10.0	80.00	0	86.0	70	130				
Acetone	64.7	20.0	80.00	0	80.9	70	130				
Acrylonitrile	32.4	5.00	40.00	0	81.0	70	130				
Benzene	44.4	0.300	40.00	0	111	74.1	136				
Bromobenzene	45.0	1.00	40.00	0	112	70	130				
Bromochloromethane	46.8	1.00	40.00	0	117	70	130				
Bromodichloromethane	43.2	1.00	40.00	0	108	70	130				
Bromoform	36.8	1.00	40.00	0	92.1	70	130				
Bromomethane	36.8	1.00	40.00	0	92.1	70	130				
Carbon disulfide	46.1	2.00	40.00	0	115	70	130				
Carbon tetrachloride	43.6	1.00	40.00	0	109	70	130				
Chlorobenzene	41.3	1.00	40.00	0	103	70.7	133				
Chloroethane	42.4	1.00	40.00	0	106	70	130				
Chloroform	44.1	1.00	40.00	0	110	70	130				
Chloromethane	40.2	1.00	40.00	0	101	70	130				
cis-1,2-Dichloroethene	44.3	1.00	40.00	0	111	70	130				
cis-1,3-Dichloropropene	44.4	1.00	40.00	0	111	70	130				
Dibromochloromethane	39.9	1.00	40.00	0	99.8	70	130				
Dibromomethane	41.8	1.00	40.00	0	104	70	130				
Dichlorodifluoromethane	46.4	1.00	40.00	0	116	70	130				
Ethylbenzene	42.3	1.00	40.00	0	106	70	130				
Hexachlorobutadiene	45.4	1.00	40.00	0	113	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	42.5	1.00	40.00	0	106	70	130				
m,p-Xylene	86.4	2.00	80.00	0	108	70	130				
Methyl tert-butyl ether	43.0	1.00	40.00	0	107	70	130				
Methylene chloride	ND	50.0	40.00	0	116	70	130				
Naphthalene	37.4	1.00	40.00	0	93.5	70	130				
n-Butylbenzene	45.7	1.00	40.00	0	114	70	130				
n-Propylbenzene	46.4	1.00	40.00	0	116	70	130				
o-Xylene	42.3	1.00	40.00	0	106	70	130				
sec-Butylbenzene	46.2	1.00	40.00	0	115	70	130				
Styrene	41.9	1.00	40.00	0	105	70	130				
tert-Butylbenzene	45.9	1.00	40.00	0	115	70	130				
Tetrachloroethene	40.6	1.00	40.00	0	102	70	130				
Toluene	41.8	1.00	40.00	0	104	68.4	135				
trans-1,2-Dichloroethene	44.9	1.00	40.00	0	112	70	130				
trans-1,3-Dichloropropene	40.8	1.00	40.00	0	102	70	130				
Trichloroethene	43.8	1.00	40.00	0	110	50.8	164				
Trichlorofluoromethane	44.8	1.00	40.00	0	112	70	130				
Vinyl chloride	37.2	1.00	40.00	0	93.1	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/23/2021**	SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **41548**
Client ID: **PBW**	Batch ID: **18382**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **8/23/2021**	SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.8		100.0		98.8	75.3	126				
Surr: 4-Bromofluorobenzene	92.0		100.0		92.0	78.1	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **PBW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	101		100.0		101	74.2	122				
Surr: Toluene-d8	111		100.0		111	76.2	135				

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.2	1.00	40.00	0	106	70	130	40.79	3.40	20	
1,1,1-Trichloroethane	43.6	1.00	40.00	0	109	70	130	43.97	0.753	20	
1,1,2,2-Tetrachloroethane	36.5	1.00	40.00	0	91.2	70	130	38.65	5.75	20	
1,1,2-Trichloroethane	40.1	1.00	40.00	0	100	70	130	39.10	2.43	20	
1,1-Dichloroethane	43.6	1.00	40.00	0	109	70	130	44.37	1.84	20	
1,1-Dichloroethene	43.6	1.00	40.00	0	109	47.8	165	44.66	2.49	20	
1,1-Dichloropropene	43.6	1.00	40.00	0	109	70	130	44.40	1.89	20	
1,2,3-Trichlorobenzene	38.9	1.00	40.00	0	97.3	70	130	41.90	7.35	20	
1,2,3-Trichloropropane	34.8	1.00	40.00	0	86.9	70	130	36.60	5.13	20	
1,2,4-Trichlorobenzene	39.7	1.00	40.00	0	99.2	70	130	43.30	8.78	20	
1,2,4-Trimethylbenzene	43.2	1.00	40.00	0	108	70	130	45.96	6.21	20	
1,2-Dibromo-3-chloropropane	29.5	1.00	40.00	0	73.8	70	130	34.92	16.7	20	
1,2-Dibromoethane	39.3	1.00	40.00	0	98.2	70	130	38.37	2.32	20	
1,2-Dichlorobenzene	42.4	1.00	40.00	0	106	70	130	45.24	6.50	20	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	41.6	1.00	40.00	0	104	70	130	42.58	2.35	20	
1,2-Dichloropropane	42.7	1.00	40.00	0	107	70	130	43.80	2.52	20	
1,3,5-Trimethylbenzene	43.9	1.00	40.00	0	110	70	130	46.25	5.12	20	
1,3-Dichlorobenzene	42.6	1.00	40.00	0	106	70	130	45.36	6.32	20	
1,3-Dichloropropane	40.4	1.00	40.00	0	101	70	130	39.38	2.58	20	
1,4-Dichlorobenzene	42.2	1.00	40.00	0	105	70	130	45.23	7.05	20	
2,2-Dichloropropane	43.2	1.00	40.00	0	108	70	130	46.04	6.41	20	
2-Butanone	62.6	10.0	80.00	0	78.2	70	130	66.87	6.66	20	
2-Chlorotoluene	44.6	1.00	40.00	0	111	70	130	45.53	2.15	20	
2-Hexanone	60.5	10.0	80.00	0	75.7	70	130	64.63	6.55	20	
4-Chlorotoluene	41.9	1.00	40.00	0	105	70	130	46.37	10.1	20	
4-Isopropyltoluene	43.5	1.00	40.00	0	109	70	130	45.94	5.53	20	
4-Methyl-2-pentanone	65.0	10.0	80.00	0	81.3	70	130	68.76	5.55	20	
Acetone	59.8	20.0	80.00	0	74.7	70	130	64.68	7.89	20	
Acrylonitrile	30.6	5.00	40.00	0	76.5	70	130	32.38	5.62	20	
Benzene	44.1	0.300	40.00	0	110	74.1	136	44.43	0.814	20	
Bromobenzene	42.2	1.00	40.00	0	106	70	130	45.00	6.30	20	
Bromochloromethane	45.2	1.00	40.00	0	113	70	130	46.84	3.65	20	
Bromodichloromethane	42.2	1.00	40.00	0	105	70	130	43.23	2.44	20	
Bromoform	38.0	1.00	40.00	0	95.0	70	130	36.85	3.10	20	
Bromomethane	37.3	1.00	40.00	0	93.3	70	130	36.83	1.27	20	
Carbon disulfide	44.9	2.00	40.00	0	112	70	130	46.09	2.57	20	
Carbon tetrachloride	43.8	1.00	40.00	0	109	70	130	43.62	0.320	20	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	42.8	1.00	40.00	0	107	70.7	133	41.29	3.64	20	
Chloroethane	44.8	1.00	40.00	0	112	70	130	42.39	5.57	20	
Chloroform	43.7	1.00	40.00	0	109	70	130	44.09	0.820	20	
Chloromethane	35.1	1.00	40.00	0	87.9	70	130	40.20	13.4	20	
cis-1,2-Dichloroethene	43.4	1.00	40.00	0	109	70	130	44.29	1.96	20	
cis-1,3-Dichloropropene	42.8	1.00	40.00	0	107	70	130	44.38	3.55	20	
Dibromochloromethane	41.3	1.00	40.00	0	103	70	130	39.92	3.35	20	
Dibromomethane	40.7	1.00	40.00	0	102	70	130	41.76	2.62	20	
Dichlorodifluoromethane	45.7	1.00	40.00	0	114	70	130	46.43	1.61	20	
Ethylbenzene	43.7	1.00	40.00	0	109	70	130	42.28	3.30	20	
Hexachlorobutadiene	42.2	1.00	40.00	0	106	70	130	45.36	7.15	20	
Isopropylbenzene	43.4	1.00	40.00	0	108	70	130	42.46	2.19	20	
m,p-Xylene	89.1	2.00	80.00	0	111	70	130	86.40	3.05	20	
Methyl tert-butyl ether	40.4	1.00	40.00	0	101	70	130	42.96	6.14	20	
Methylene chloride	ND	50.0	40.00	0	113	70	130	0	0	20	
Naphthalene	42.8	1.00	40.00	0	107	70	130	37.39	13.4	20	
n-Butylbenzene	42.9	1.00	40.00	0	107	70	130	45.74	6.48	20	
n-Propylbenzene	43.9	1.00	40.00	0	110	70	130	46.36	5.41	20	
o-Xylene	43.7	1.00	40.00	0	109	70	130	42.26	3.44	20	
sec-Butylbenzene	43.8	1.00	40.00	0	110	70	130	46.19	5.29	20	
Styrene	43.2	1.00	40.00	0	108	70	130	41.86	3.06	20	
tert-Butylbenzene	43.7	1.00	40.00	0	109	70	130	45.87	4.80	20	
Tetrachloroethene	42.0	1.00	40.00	0	105	70	130	40.60	3.51	20	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **2108078-011BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **BatchQC** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	43.7	1.00	40.00	0	109	68.4	135	41.77	4.42	20	
trans-1,2-Dichloroethene	43.6	1.00	40.00	0	109	70	130	44.86	2.94	20	
trans-1,3-Dichloropropene	40.9	1.00	40.00	0	102	70	130	40.82	0.0979	20	
Trichloroethene	43.8	1.00	40.00	0	109	50.8	164	43.84	0.206	20	
Trichlorofluoromethane	44.6	1.00	40.00	0	111	70	130	44.85	0.604	20	
Vinyl chloride	38.6	1.00	40.00	0	96.5	70	130	37.25	3.53	20	

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.1	1.00	40.00	0	105	80	120				
1,1,1-Trichloroethane	39.0	1.00	40.00	0	97.5	80	120				
1,1,2,2-Tetrachloroethane	39.3	1.00	40.00	0	98.2	80	120				
1,1,2-Trichloroethane	40.3	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	38.2	1.00	40.00	0	95.5	80	120				
1,1-Dichloroethene	38.7	1.00	40.00	0	96.8	61.2	135				
1,1-Dichloropropene	39.2	1.00	40.00	0	98.1	80	120				
1,2,3-Trichlorobenzene	44.6	1.00	40.00	0	111	80	120				
1,2,3-Trichloropropane	37.4	1.00	40.00	0	93.6	80	120				
1,2,4-Trichlorobenzene	45.2	1.00	40.00	0	113	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	47.2	1.00	40.00	0	118	80	120				
1,2-Dibromo-3-chloropropane	35.0	1.00	40.00	0	87.5	80	120				
1,2-Dibromoethane	39.3	1.00	40.00	0	98.3	80	120				
1,2-Dichlorobenzene	45.5	1.00	40.00	0	114	80	120				
1,2-Dichloroethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichloropropane	39.8	1.00	40.00	0	99.4	80	120				
1,3,5-Trimethylbenzene	47.6	1.00	40.00	0	119	80	120				
1,3-Dichlorobenzene	45.7	1.00	40.00	0	114	80	120				
1,3-Dichloropropane	40.4	1.00	40.00	0	101	80	120				
1,4-Dichlorobenzene	45.1	1.00	40.00	0	113	80	120				
2,2-Dichloropropane	40.0	1.00	40.00	0	100	80	120				
2-Butanone	68.1	10.0	80.00	0	85.1	80	120				
2-Chlorotoluene	45.0	1.00	40.00	0	113	80	120				
2-Hexanone	67.7	10.0	80.00	0	84.6	80	120				
4-Chlorotoluene	46.6	1.00	40.00	0	116	80	120				
4-Isopropyltoluene	47.7	1.00	40.00	0	119	80	120				
4-Methyl-2-pentanone	67.8	10.0	80.00	0	84.7	80	120				
Acetone	80.2	20.0	80.00	0	100	80	120				
Acrylonitrile	35.0	5.00	40.00	0	87.4	80	120				
Benzene	39.6	0.300	40.00	0	98.9	76.8	125				
Bromobenzene	44.2	1.00	40.00	0	110	80	120				
Bromochloromethane	41.8	1.00	40.00	0	104	80	120				
Bromodichloromethane	39.5	1.00	40.00	0	98.8	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	38.5	1.00	40.00	0	96.2	80	120				
Bromomethane	67.0	1.00	40.00	0	168	80	120				S
Carbon disulfide	39.7	2.00	40.00	0	99.3	80	120				
Carbon tetrachloride	39.7	1.00	40.00	0	99.4	80	120				
Chlorobenzene	42.5	1.00	40.00	0	106	84.1	116				
Chloroethane	44.0	1.00	40.00	0	110	80	120				
Chloroform	39.2	1.00	40.00	0	98.0	80	120				
Chloromethane	41.3	1.00	40.00	0	103	80	120				
cis-1,2-Dichloroethene	38.6	1.00	40.00	0	96.5	80	120				
cis-1,3-Dichloropropene	40.0	1.00	40.00	0	100	80	120				
Dibromochloromethane	41.0	1.00	40.00	0	103	80	120				
Dibromomethane	38.2	1.00	40.00	0	95.6	80	120				
Dichlorodifluoromethane	41.3	1.00	40.00	0	103	80	120				
Ethylbenzene	43.6	1.00	40.00	0	109	80	120				
Hexachlorobutadiene	45.6	1.00	40.00	0	114	80	120				
Isopropylbenzene	44.7	1.00	40.00	0	112	80	120				
m,p-Xylene	90.4	2.00	80.00	0	113	80	120				
Methyl tert-butyl ether	37.6	1.00	40.00	0	93.9	80	120				
Methylene chloride	ND	50.0	40.00	0	101	80	120				
Naphthalene	35.3	1.00	40.00	0	88.2	80	120				
n-Butylbenzene	47.2	1.00	40.00	0	118	80	120				
n-Propylbenzene	47.2	1.00	40.00	0	118	80	120				
o-Xylene	44.0	1.00	40.00	0	110	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8260_W**

Sample ID: **LCS MSVWS-3044** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **41548**

Client ID: **LCSW** Batch ID: **18382** TestNo: **SW8260D** **SW 5030B** Analysis Date: **8/23/2021** SeqNo: **534035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	47.6	1.00	40.00	0	119	80	120				
Styrene	43.3	1.00	40.00	0	108	80	120				
tert-Butylbenzene	47.1	1.00	40.00	0	118	80	120				
Tetrachloroethene	41.4	1.00	40.00	0	103	80	120				
Toluene	42.6	1.00	40.00	0	107	82	122				
trans-1,2-Dichloroethene	38.5	1.00	40.00	0	96.3	82	120				
trans-1,3-Dichloropropene	40.5	1.00	40.00	0	101	82	120				
Trichloroethene	39.6	1.00	40.00	0	99.1	68.5	124				
Trichlorofluoromethane	39.8	1.00	40.00	0	99.6	80	120				
Vinyl chloride	38.0	1.00	40.00	0	94.9	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **20 PPM CCV** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535477**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	22.2	1.00	20.00	0	111	80	120				
2,3,4,6-Tetrachlorophenol	20.9	1.00	20.00	0	104	80	120				
2,3,4-Trichlorophenol	22.5	1.00	20.00	0	113	80	120				
2,3,5,6-Tetrachlorophenol	21.5	1.00	20.00	0	107	80	120				
2,3,5-Trichlorophenol	20.0	1.00	20.00	0	100	80	120				
2,3,6-Trichlorophenol	19.9	1.00	20.00	0	99.4	80	120				
2,4,5-Trichlorophenol	23.6	1.00	20.00	0	118	80	120				
2,4,6-Trichlorophenol	22.6	1.00	20.00	0	113	80	120				
2-Methylnaphthalene	20.8	1.00	20.00	0	104	80	120				
3,4,5-Trichlorophenol	23.5	1.00	20.00	0	118	80	120				
Acenaphthene	16.8	1.00	20.00	0	84.2	80	120				
Acenaphthylene	22.1	1.00	20.00	0	111	80	120				
Anthracene	16.2	1.00	20.00	0	81.0	80	120				
Benz(a)anthracene	20.1	1.00	20.00	0	100	80	120				
Benzo(a)pyrene	21.7	1.00	20.00	0	108	80	120				
Benzo(b)fluoranthene	21.8	1.00	20.00	0	109	80	120				
Benzo(g,h,i)perylene	18.3	1.00	20.00	0	91.4	80	120				
Benzo(k)fluoranthene	16.1	1.00	20.00	0	80.7	80	120				
Bis(2-ethylhexyl)phthalate	19.9	1.00	20.00	0	99.7	80	120				
Carbazole	19.7	1.00	20.00	0	98.5	80	120				
Chrysene	17.3	1.00	20.00	0	86.3	80	120				
Dibenz(a,h)anthracene	17.4	1.00	20.00	0	87.0	80	120				
Dibenzofuran	20.4	1.00	20.00	0	102	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **20 PPM CCV** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535477**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	22.5	1.00	20.00	0	112	80	120				
Fluorene	19.4	1.00	20.00	0	96.9	80	120				
Indeno(1,2,3-cd)pyrene	17.1	1.00	20.00	0	85.3	80	120				
Naphthalene	16.6	1.00	20.00	0	83.1	80	120				
Pentachlorophenol	21.3	1.50	20.00	0	106	80	120				
Phenanthrene	16.4	1.00	20.00	0	82.0	80	120				
Pyrene	23.7	1.00	20.00	0	118	80	120				

Sample ID: **CCV 20 PPM** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/31/2021** SeqNo: **535510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	22.7	1.00	20.00	0	113	80	120				
2,3,4,6-Tetrachlorophenol	21.0	1.00	20.00	0	105	80	120				
2,3,4-Trichlorophenol	19.7	1.00	20.00	0	98.3	80	120				
2,3,5,6-Tetrachlorophenol	18.3	1.00	20.00	0	91.6	80	120				
2,3,5-Trichlorophenol	17.1	1.00	20.00	0	85.6	80	120				
2,3,6-Trichlorophenol	20.3	1.00	20.00	0	101	80	120				
2,4,5-Trichlorophenol	22.6	1.00	20.00	0	113	80	120				
2,4,6-Trichlorophenol	23.4	1.00	20.00	0	117	80	120				
2-Methylnaphthalene	21.5	1.00	20.00	0	108	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **CCV 20 PPM** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/31/2021** SeqNo: **535510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,4,5-Trichlorophenol	22.3	1.00	20.00	0	112	80	120				
Acenaphthene	20.3	1.00	20.00	0	101	80	120				
Acenaphthylene	23.7	1.00	20.00	0	119	80	120				
Anthracene	18.9	1.00	20.00	0	94.6	80	120				
Benz(a)anthracene	22.4	1.00	20.00	0	112	80	120				
Benzo(a)pyrene	18.8	1.00	20.00	0	93.9	80	120				
Benzo(b)fluoranthene	20.7	1.00	20.00	0	104	80	120				
Benzo(g,h,i)perylene	19.3	1.00	20.00	0	96.4	80	120				
Benzo(k)fluoranthene	16.3	1.00	20.00	0	81.6	80	120				
Bis(2-ethylhexyl)phthalate	19.6	1.00	20.00	0	98.2	80	120				
Carbazole	17.2	1.00	20.00	0	85.8	80	120				
Chrysene	16.8	1.00	20.00	0	83.9	80	120				
Dibenz(a,h)anthracene	18.0	1.00	20.00	0	89.8	80	120				
Dibenzofuran	20.2	1.00	20.00	0	101	80	120				
Fluoranthene	20.1	1.00	20.00	0	101	80	120				
Fluorene	20.5	1.00	20.00	0	102	80	120				
Indeno(1,2,3-cd)pyrene	23.1	1.00	20.00	0	115	80	120				
Naphthalene	20.1	1.00	20.00	0	100	80	120				
Pentachlorophenol	19.3	1.50	20.00	0	96.4	80	120				
Phenanthrene	18.8	1.00	20.00	0	94.2	80	120				
Pyrene	22.8	1.00	20.00	0	114	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **MB-18383**	SampType: **MBLK**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date: **8/16/2021**	RunNo: **41718**
Client ID: **PBW**	Batch ID: **18383**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **8/30/2021**	SeqNo: **535514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	1.00									
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5,6-Tetrachlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
2,4,5-Trichlorophenol	ND	1.00									
2,4,6-Trichlorophenol	ND	1.00									
2-Methylnaphthalene	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Acenaphthene	ND	1.00									
Acenaphthylene	ND	1.00									
Anthracene	ND	1.00									
Benz(a)anthracene	ND	1.00									
Benzo(a)pyrene	ND	1.00									
Benzo(b)fluoranthene	ND	1.00									
Benzo(g,h,i)perylene	ND	1.00									
Benzo(k)fluoranthene	ND	1.00									
Bis(2-ethylhexyl)phthalate	ND	1.00									
Carbazole	ND	1.00									
Chrysene	ND	1.00									
Dibenz(a,h)anthracene	ND	1.00									
Dibenzofuran	ND	1.00									

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **MB-18383** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/16/2021** RunNo: **41718**

Client ID: **PBW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	1.00									
Fluorene	ND	1.00									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Naphthalene	ND	1.00									
Pentachlorophenol	ND	1.50									
Phenanthrene	ND	1.00									
Pyrene	ND	1.00									
Surr: 2,4,6-Tribromophenol	69.9		100.0		69.9	33.1	99.7				
Surr: 2-Fluorobiphenyl	95.4		100.0		95.4	33.1	96.2				
Surr: 2-Fluorophenol	37.0		100.0		37.0	13.4	57.1				
Surr: 4-Terphenyl-d14	99.5		100.0		99.5	41	122				
Surr: Nitrobenzene-d5	76.2		100.0		76.2	28.9	99.9				
Surr: Phenol-d6	31.7		100.0		31.7	10.6	38.5				

Sample ID: **LCS** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	31.7	1.00	40.00	0	79.2	50	130				
2,3,4,6-Tetrachlorophenol	41.6	1.00	40.00	0	104	50	130				
2,3,4-Trichlorophenol	31.0	1.00	40.00	0	77.6	50	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCS**	SampType: **LCS**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date:	RunNo: **41718**
Client ID: **LCSW**	Batch ID: **18383**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **8/30/2021**	SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,5,6-Tetrachlorophenol	29.3	1.00	40.00	0	73.3	50	130				
2,3,5-Trichlorophenol	34.7	1.00	40.00	0	86.8	50	130				
2,3,6-Trichlorophenol	35.7	1.00	40.00	0	89.2	50	130				
2,4,5-Trichlorophenol	40.1	1.00	40.00	0	100	50	130				
2,4,6-Trichlorophenol	38.8	1.00	40.00	0	96.9	50	130				
2-Methylnaphthalene	31.1	1.00	40.00	0	77.8	50	130				
3,4,5-Trichlorophenol	41.0	1.00	40.00	0	103	50	130				
Acenaphthene	36.4	1.00	40.00	0	90.9	50	130				
Acenaphthylene	38.8	1.00	40.00	0	97.1	50	130				
Anthracene	36.0	1.00	40.00	0	90.0	50	130				
Benz(a)anthracene	45.1	1.00	40.00	0	113	50	130				
Benzo(a)pyrene	40.6	1.00	40.00	0	102	50	130				
Benzo(b)fluoranthene	44.6	1.00	40.00	0	112	50	130				
Benzo(g,h,i)perylene	25.1	1.00	40.00	0	62.8	50	130				
Benzo(k)fluoranthene	34.2	1.00	40.00	0	85.4	50	130				
Bis(2-ethylhexyl)phthalate	45.0	1.00	40.00	0	112	50	130				
Carbazole	37.5	1.00	40.00	0	93.7	50	130				
Chrysene	34.2	1.00	40.00	0	85.4	50	130				
Dibenz(a,h)anthracene	24.0	1.00	40.00	0	60.0	50	130				
Dibenzofuran	36.6	1.00	40.00	0	91.6	50	130				
Fluoranthene	39.3	1.00	40.00	0	98.2	50	130				
Fluorene	39.9	1.00	40.00	0	99.6	50	130				
Indeno(1,2,3-cd)pyrene	26.1	1.00	40.00	0	65.3	50	130				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSW** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	28.8	1.00	40.00	0	72.0	50	130				
Pentachlorophenol	36.3	1.50	40.00	0	90.8	50	130				
Phenanthrene	34.7	1.00	40.00	0	86.8	50	130				
Pyrene	31.4	1.00	40.00	0	78.6	50	130				

Sample ID: **LCSD** SampType: **LCSD** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **LCSS02** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **8/30/2021** SeqNo: **535559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	30.8	1.00	40.00	0	77.1	50	130	31.69	2.71	20	
2,3,4,6-Tetrachlorophenol	40.3	1.00	40.00	0	101	50	130	41.65	3.25	20	
2,3,4-Trichlorophenol	35.6	1.00	40.00	0	89.1	50	130	31.02	13.9	20	
2,3,5,6-Tetrachlorophenol	31.1	1.00	40.00	0	77.8	50	130	29.32	5.93	20	
2,3,5-Trichlorophenol	37.9	1.00	40.00	0	94.9	50	130	34.70	8.93	20	
2,3,6-Trichlorophenol	38.6	1.00	40.00	0	96.4	50	130	35.66	7.79	20	
2,4,5-Trichlorophenol	37.4	1.00	40.00	0	93.5	50	130	40.11	6.96	20	
2,4,6-Trichlorophenol	36.6	1.00	40.00	0	91.5	50	130	38.77	5.77	20	
2-Methylnaphthalene	30.5	1.00	40.00	0	76.4	50	130	31.10	1.81	20	
3,4,5-Trichlorophenol	41.2	1.00	40.00	0	103	50	130	41.00	0.542	20	
Acenaphthene	36.2	1.00	40.00	0	90.5	50	130	36.38	0.448	20	
Acenaphthylene	38.8	1.00	40.00	0	96.9	50	130	38.82	0.179	20	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **LCSD**	SampType: **LCSD**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date:	RunNo: **41718**
Client ID: **LCSS02**	Batch ID: **18383**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **8/30/2021**	SeqNo: **535559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	34.7	1.00	40.00	0	86.8	50	130	36.01	3.67	20	
Benz(a)anthracene	43.5	1.00	40.00	0	109	50	130	45.06	3.44	20	
Benzo(a)pyrene	39.8	1.00	40.00	0	99.5	50	130	40.61	1.98	20	
Benzo(b)fluoranthene	42.3	1.00	40.00	0	106	50	130	44.63	5.29	20	
Benzo(g,h,i)perylene	29.7	1.00	40.00	0	74.4	50	130	25.11	16.9	20	
Benzo(k)fluoranthene	33.8	1.00	40.00	0	84.6	50	130	34.15	0.968	20	
Bis(2-ethylhexyl)phthalate	37.7	1.00	40.00	0	94.2	50	130	45.00	17.7	20	
Carbazole	44.0	1.00	40.00	0	110	50	130	37.48	16.0	20	
Chrysene	34.3	1.00	40.00	0	85.7	50	130	34.17	0.258	20	
Dibenz(a,h)anthracene	27.5	1.00	40.00	0	68.8	50	130	23.99	13.8	20	
Dibenzofuran	37.0	1.00	40.00	0	92.6	50	130	36.62	1.09	20	
Fluoranthene	35.4	1.00	40.00	0	88.5	50	130	39.29	10.5	20	
Fluorene	39.5	1.00	40.00	0	98.9	50	130	39.85	0.780	20	
Indeno(1,2,3-cd)pyrene	30.8	1.00	40.00	0	77.0	50	130	26.12	16.4	20	
Naphthalene	28.2	1.00	40.00	0	70.6	50	130	28.79	1.93	20	
Pentachlorophenol	41.0	1.50	40.00	0	102	50	130	36.33	11.9	20	
Phenanthrene	34.7	1.00	40.00	0	86.8	50	130	34.73	0.00662	20	
Pyrene	32.4	1.00	40.00	0	81.1	50	130	31.44	3.16	20	

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2108094**

9/20/2021

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode: 8270POR_W**

Sample ID: **CCV MSVWS-2000** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **41718**

Client ID: **CCV** Batch ID: **18383** TestNo: **SW8270E** **SW 3510C** Analysis Date: **9/2/2021** SeqNo: **535662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	17.4	1.50	20.00	0	86.9	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded S Spike Recovery outside accepted recovery limits

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

Sample Receipt Checklist

Client Name MAUL_FOSTER Work Order Number 2108094

RcptNo: 1 Date and Time Received 8/12/2021 12:50:00 PM Received by: Mandy Wehe

Completed by Reviewed by:

Completed Date: 8/12/2021 Reviewed Date:

Carrier name: SA

Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐	Not Present	☐
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐		
Is it clear what analyses were requested?	Yes ☑	No ☐		
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present	☑
Samples in proper container/bottle?	Yes ☑	No ☐		
Were correct preservatives used and noted?	Yes ☑	No ☐	NA	☐
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Was an attempt made to cool the samples?	Yes ☑	No ☐	NA	☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☑	No ☐	NA	☐
Response when temperature is outside of range:				
Preservative added to bottles:				
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To	1.1 °C
Water - Were bubbles absent in VOC vials?	Yes ☐	No ☐	No Vials	☑
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA	☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA	☐
Are Samples considered acceptable?	Yes ☑	No ☐		
Custody Seals present?	Yes ☐	No ☑		
Traffic Report or Packing Lists present?	Yes ☐	No ☑		
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present	☑
Airbill No:				
Sample Tags Present?	Yes ☐	No ☑		
Sample Tags Listed on COC?	Yes ☐	No ☑		
Tag Numbers:				
Sample Condition?	Intact ☑	Broken ☐	Leaking	☐

Case Number: SDG: SAS:

Adjusted? _____ Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section be

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

Sample Receipt Checklist

Client Contacted? ☐ Yes ☑ No ☐ NA Person Contacted: Comments:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

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

Chain of Custody Record

Date: 8-11-2021 Page: 1 of: 1
Project Name: Port of Ridgefield
Project No: 9003.01.28 PO No:
Collected by: M. Pollock
State Collected: OR (WA) OTHER
Report To (PM): Andy Vidourek
PM Email: avidourek@maulfoster.com; mpollock@maulfoster.com

Laboratory Project No (internal): 2108094
Temperature on Receipt: 1.1 °C
Cooling: Ice Shipped Via: SA
Custody Seal: Y / (N) Intact / Broken Cooler / Bottle
MDL TIER IV EDD
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: 3606942601
AP Email: Invoice to Port of Ridgefield

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Port SVOC 1,4-D (8270E)	Pentachlorophenol (8270E)	VOCs (8260D)	Tetrachloroethene (8260D)	PCE	Dissolved As* (6020)	Comments
1	MW55 08 11 21	8-11-21	1300	GW	5	X		X	X			*dissolved As was field-filtered.
2	MW55 08 11 21		1404	GW	4		X	X				
3	MW55D 08 11 21		1409	GW	5		X	X	X			
4	MW56 08 11 21		1516	GW	4		X	X				
5	MW58D 08 11 21		1547	GW	5		X	X	X			
6												
7												
8												
9												
10	Trip Blank①	8-11-21		WT	2							①hold for potential follow up analyses

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

Turn-around Time: Standard (5-7 Business): X 3 Day: ____ 2 Day: ____ Next Day: ____ Same Day: ____
Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x	8-12-2021 / 1205	x	8-12-21 1210
x	8-12-21 1250	x	8/12/21 1250
x		x	

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

Definition Only

WO#: **2108094**
Date: **9/20/2021**

Definitions:

KEY TO FLAGS

A: This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was qualified against gasoline calibration standards.

A1: This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was qualified against diesel calibration standards.

A2: This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was qualified against lube oil calibration standards.

A3: The results 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.

B: The blank exhibited a positive result greater than the reporting limit for this compound.

CN: See Case Narrative.

E: Result exceeds the calibration range for this compound. The result should be considered an 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.

FS: Follow-up testing is suggested.

G: Result may be biased high due to biogenic interferences. Clean up is recommended.

H: Sample was analyzed outside recommended holding time.

HT: At client's request, samples was analyzed outside of recommended holding time.

HP: Sample was analyzed outside recommended holding time due to VOA having pH >2.

J: The results for this analyte is between the MDL and the PQL and should be considered an

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

Definition Only

WO#: **2108094**
Date: **9/20/2021**

Definitions:

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.

N Gasoline 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.

NH: Sample matrix is non-homogeneous

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: CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.

SL: LCS exceeded recovery control limits, but associated MS/MSD passing. Data meets EPA requirements.

ATTACHMENT C

DATA QUALITY ASSURANCE AND QUALITY CONTROL REVIEW MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.28 | SEPTEMBER 20, 2021 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected at the Port of Ridgefield site in Ridgefield, Washington. The samples were collected on August 10 and 11, 2021.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 2108078 and 2108094 were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Dissolved arsenic	EPA 6020B
Semivolatile organic compounds	EPA 8270E
Volatile organic compounds	EPA 8260D

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

Samples Analyzed		
Report 2108078		**Report 2108094**
MW29D081021	MW57D081021	MW55S081121
MW47D081021	MW57D081021-DUP	MW55081121
MW46D081021	USDFW1081121	MW55D081121
MW46S081021	RMW2S081121	MW56081121
MW45D081021	RMW2D081121	MW58D081121
MW45D081021-DUP	MW63081121	Trip Blank (hold)
MW62081021	MW61081121	--
MW57S081021	Trip Blank (hold)	--

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of U.S. Environmental Protection Agency (EPA) procedures (EPA, 2017a,b) and appropriate laboratory and method-specific guidelines (EPA, 1986; SA, 2020).

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

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

All laboratory method blanks were non-detect to reporting limits for all analytes.

Trip Blanks

Trip blanks are used to evaluate if volatile organic compound contamination was introduced during sample storage and during shipment between the sampling location and laboratory.

According to reports 2108078 and 2108094, trip blank samples were submitted to SA on hold. Contamination during storage and transport to the laboratory could not be assessed by the reviewer.

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. MS/MSD results were not reported for EPA method 8270E. Laboratory precision and accuracy were evaluated using laboratory control sample/laboratory

control sample duplicate (LCS/LCSD) results. No action by the reviewer was required. All remaining 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 difference (RPD).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate results within five times the reporting limit were not evaluated for precision. Laboratory duplicate results were not reported for EPA method 8260D or 8270E. Laboratory precision was evaluated using LCS/LCSD or MS/MSD results. No action by the reviewer was required. All remaining duplicate samples were extracted and analyzed at the required frequency.

All laboratory duplicate RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. LCSD results were not reported for EPA method 6020B or 8260D. Laboratory precision was evaluated using laboratory duplicate and/or MS/MSD results. No action by the reviewer was required. All remaining LCS/LCSD samples were extracted and analyzed at the required frequency.

According to reports 2108078 and 2108094, the EPA method 8260D batch 18382 bromomethane LCS analyzed on August 23, 2021, exceeded the percent recovery acceptance limit of 120 percent, at 168 percent. The associated sample results were non-detect for bromomethane; thus, no qualification was necessary.

All remaining LCS/LCSD results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Two field duplicate sets were submitted for analysis (MW45D081021/ MW45D081021-DUP and MW57D081021/ MW57D081021-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the reporting limit, or 50 percent RPD for results that are greater than five times the reporting limit.

All analytes were within the RPD acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy throughout the sample batch. CCV results were not required for validation but were reviewed when provided.

According to reports 2108078 and 2108094, the EPA method 8260D batch 18382 bromomethane CCV analyzed on August 23, 2021, exceeded the percent recovery acceptance limit of 120 percent, at 168 percent. The associated sample results were non-detect for bromomethane; thus, no qualification was necessary.

All remaining CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

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

REFERENCES

EPA. 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), VI phase II (2018), and VI phase III (2019).

EPA. 2017a. EPA contract laboratory program, national functional guidelines for inorganic Superfund methods data review. EPA 540-R-2017-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

EPA. 2017b. EPA 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.

SA. 2020. Laboratory quality assurance plan. Rev. 2020. Specialty Analytical, Inc., Clackamas, Oregon. January.

MAUL FOSTER ALONGI

REVIEW COMMENTS

DATE: 10/4/2022

PROJECT: August 2021 Groundwater Montoring Report: Port of Ridgefield

REVIEWER: Andrew Vidourek

PROJECT NO.: M9003.01.028

Comment No.	Section; Page	Review Comments	Response
1	1	The tables in the groundwater monitoring report do not consistently list the wells that are on this Site. For consistency, Ecology requests the data from all monitoring wells be included in these tables, regardless of their monitoring status.	MFA will include all wells that are currently on the Site in the January 2024 groundwater monitoring submittal.
2	1	The method reporting limit for pentachlorophenol (PCP) is above the 0.73 micrograms per liter (µg/L) cleanup level (CUL) provided in Table 3-1 of the Cleanup Action Plan in Consent Decree 13-2-03830-1. PCP analytical method reporting limits need to meet the CULs listed on Table 3-1. Method reporting limits need to meet the cleanup levels for all compounds listed on Table 3-1.	MFA will ensure laboratory reporting limits meet CULs in the Cleanup Action Plan in future sample events.
3	2	Model Toxics Control Act (MTCA) Method B Vapor Intrusion (VI) Levels are provided at the top of Table 3. Method B Groundwater CULs are provided at the top of Tables 4, 5, and 6. Site CULs are provided in Table 3-1 of the Cleanup Action Plan and should be listed in addition to the MTCA Method B VI and groundwater CULs.	MFA will incorporate site CULs into future sample event deliverable tables.
4	2	Please include documentation regarding the amount of water removed from wells that were redeveloped before the January 2020 sample event and development field sheets. Ecology would appreciate receiving that in an email submittal.	Redevelopment field forms, which include the amount of water removed during redevelopment, are included in this email submittal.
5	2	**Regarding the changes to the analyte listed on Table 7:** Ecology agrees with those changes with the following exceptions. • For MW-55, Ecology is requesting to analyze for VOCs and PCP only. Please revise Table 7 in response to Ecology's comments above and submit in an email to Ecology with redevelopment documentation requested above. In the future, when requesting changes to the analyte list, it would save considerable review time to include both the present and request for changes on the same table.	Table 7 attached to this response email has been revised to include this change. In the future, the present analyte list and proposed modification to the analyte list will be provided on the same table to assist in Ecology's review of the requested change.

Comment No.	Section; Page	Review Comments	Response
6	2	**Regarding the changes to the monitoring frequency:** Ecology allows the expansion to a 30-month sampling interval, the next sampling events being in January 2024 and August 2026.	Thank you.
7	2	**Regarding sampling using standard purge methods of purging a minimum of three pore volumes prior to sample collection**: It is not clear if this is a request to change the purging method or leave it the same. Please clarify in the same email response to Ecology containing the revised Table 7 and redevelopment documentation requested above.	MFA would like to keep the sampling methodology consistent with the prior sampling events (i.e., low-flow procedures) and therefore does not recommend a change.

MAUL FOSTER ALONGI

109 East 13th Street | Vancouver, WA 98660 | 360 694 2691 | www.maulfoster.com

April 27, 2020
Project No. 9003.01.28

Mr. Craig Rankine
Washington State Department of Ecology
Vancouver Field Office
12121 NE 99th Street, Suite 2100
Vancouver, Washington 98682

Re: January 2020 Groundwater Monitoring for the Former Pacific Wood Treating Co. Site
Port of Ridgefield, Lake River Industrial Site
Agreed Order No. 01TCPSR-3119

Dear Mr. Rankine:

This letter summarizes the January 2020 groundwater monitoring results and activities conducted during monitoring well redevelopment and sampling. On May 10, 2018, an electronic copy of the January 2018 groundwater monitoring report was submitted to the Washington State Department of Ecology (Ecology) (MFA, 2018). In a letter dated August 23, 2019 (Ecology, 2019b), Ecology adjusted the next groundwater monitoring event from August 2020 to January 2020 and the following event to August 2021. Ecology stated that data from both the January 2020 and August 2021 monitoring events would be needed to support any request for a change to the long-term monitoring program analytical requirements or monitoring frequency. Additionally, Ecology agreed with the Port of Ridgefield's (Port) request to redevelop monitoring wells MW-55S, MW-55D, MW-57S, MW-62, and MW-63 during the January 2020 event.

Between January 13 and 16, 2020, the Port and Maul Foster & Alongi (MFA) conducted well redevelopment activities and subsequent groundwater sampling from monitoring well locations on the former Pacific Wood Treating Co. (PWT) Site. The PWT Site includes the Lake River Industrial Site (LRIS), which is owned by the Port. Monitoring wells MW-55S, MW-55D, MW-57S, MW-62, and MW-63 were redeveloped in response to atypical water quality results from the January 2018 groundwater monitoring event. The atypical results included elevated detections of pentachlorophenol (PCP) and detections of vinyl chloride and tetrachloroethene (PCE).

Groundwater samples were collected from point of compliance (POC) monitoring wells located on Cells 2 and 3 of the LRIS, the Port-owned Marina, and on the Ridgefield National Wildlife Refuge (RNWR; just north of the LRIS) and were sent to Specialty Analytical, Inc., in Clackamas, Oregon, for analysis. The groundwater data from this monitoring event are summarized below.

The attached Figure 1 shows the POC monitoring well locations and RNWR, Marina, and portions of the LRIS, referred to as Cells 1, 2, and 3, respectively. As requested by Ecology, a

potentiometric map for monitoring wells MW-56, MW-61, and MW-63 is included as Figure 2. Table 1 summarizes the completion details for POC wells.

Groundwater monitoring results are discussed separately below for the two plumes on the PWT site. One of the plumes originates in Cells 1 and 2 of the LRIS and extends northwest under the RNWR and potentially beneath Lake River; the second plume is in Cell 3 of the LRIS, potentially extending beneath Lake River. The following are the monitoring dates for the past six years, as described in the final Cleanup Action Plan (CAP) (Ecology, 2013):

- January 2014 (completed)
- August 2014 (completed)
- January 2015 (completed)
- August 2016 (completed)
- January 2018 (completed)
- January 2020 (completed)

The next monitoring event is scheduled for August 2021, at which point analytical results from August 2012 (when POC sampling began) through 2021 will be evaluated to determine if a change to the analytical requirements or monitoring frequency is warranted.

SUMMARY

On January 13 and 14, 2020, monitoring wells MW-55S, MW-55D, MW-57S, MW-62, and MW-63 were redeveloped using a Waterra inertial pump system with a surge block and foot valve. These wells were sampled no sooner than 48 hours after redevelopment.

MFA and Port personnel conducted groundwater sampling on January 15 and 16, 2020, using low-flow sampling techniques consistent with the CAP. Water quality parameters (e.g., temperature, potential hydrogen, specific conductance, turbidity) were collected prior to sampling (see Attachment A for field sampling data sheets). Cell 2 and RNWR samples were collected in the shallow and deep portions of the upper water-bearing zone (UWBZ) and in the lower water-bearing zone. In Cell 3 and Marina, groundwater samples were collected from the shallow and deep portions of the UWBZ.

Groundwater samples were analyzed, consistent with the CAP, for semivolatile organic compounds (SVOCs) by U.S. Environmental Protection Agency (USEPA) Method 8270E, for volatile organic compounds (VOCs) by USEPA Method 8260D, and/or for dissolved arsenic by USEPA Method 6020B (see Table 2).

ANALYTICAL RESULTS

Analytical results were compared to the cleanup levels (CULs) summarized in the CAP. These are Model Toxics Control Act Method B groundwater CULs, except for arsenic results, which

are compared to Method A groundwater CULs. The Method A CUL for arsenic is based on natural background concentrations in groundwater in Washington State.

The January 2020 laboratory analytical reports and a data quality assurance and quality control (QA/QC) review memorandum are included as Attachments B and C, respectively. Data QA/QC results indicate that data are acceptable for their intended use, with the appropriate data qualifiers assigned. Groundwater analytical tables showing historical VOC, SVOC, and dissolved metal data collected from 2002 through 2020 are provided in Tables 3 through 6.

Cells 1 and 2 Plume

The Cells 1 and 2 plume POC monitoring wells are located along the bank of Lake River to the west and in the RNWR near Carty Lake to the north. The plume generally flows westward toward Lake River, but the shallow portion of the UWBZ has a northerly component. The following analytes exceeded their respective CULs in samples collected during January 2020:

- PCP
- Noncarcinogenic polycyclic aromatic hydrocarbons
  - Carbazole, dibenzofuran, 1-methylnaphthalene, and 2-methylnaphthalene
- VOCs
  - 1,2.4-trimethylbenzene; benzene; naphthalene; PCE; trichloroethene (TCE); and vinyl chloride
- Dissolved arsenic

Five of the 13 POC wells (MW-61, MW-63, RMW-2S, RMW-2D, and USDFW-1) did not have any compound that exceeded a CUL. Concentrations of indicator hazardous substances (IHSs) in these wells have been consistently below CULs or non-detect.

Eight of the 13 POC wells (MW-55, MW-56, MW-61, MW-62, MW-63, RMW-2S, RMW-2D, and USDFW-1) did not have VOCs that exceeded a CUL. Concentrations of VOCs in these wells have consistently been stable with a decreasing trend, below CULs, or non-detect.

Two wells (USDFW-1 and MW-63) did not have dissolved arsenic that exceeded the CUL. Concentrations of dissolved arsenic in these wells have consistently been stable with a decreasing trend, below CULs, or non-detect.

The remaining wells in Cells 1 and 2 show that IHSs in groundwater are generally stable or decreasing (see Tables 3 through 5), except for the following:

- MW-55S—Dibenzofuran, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and carbazole were detected in the 2020 samples at concentrations that are either similar to or elevated as compared with past detections.
- MW-55D—The PCP detection in the 2018 samples was elevated; however, the 2020 PCP detection was similar to detections encountered in 2011 and 2015. VOCs (PCE and TCE) are typically detected in groundwater from this well; however, in the 2018 and 2020 samples, vinyl chloride was detected at a concentration above the CUL. The increase in vinyl chloride concentration between 2018 and 2020 likely reflects the continued degradation of PCE/TCE.
- MW-57S—The PCP detection in the 2018 samples was elevated; however, detection in the 2020 samples is consistent with detections prior to 2018. The 2020 concentration of naphthalene has increased to a concentration similar to the 2014 result.
- MW-62—The PCP detection in 2020 was elevated in comparison to past detections.

Cell 3 Plume

The POC wells for the Cell 3 plume are located along the bank of Lake River and near the southeast LRIS property boundary. The plume generally flows westward, toward Lake River. PCP, PCE, and arsenic are the IHSs in the Cell 3 plume. The January 2020 and prior monitoring results are provided in Table 6 and show that the overall trends are generally stable or decreasing. Note that for this monitoring event, the PCE concentration in MW-29D is the lowest that it has ever been during the monitoring program.

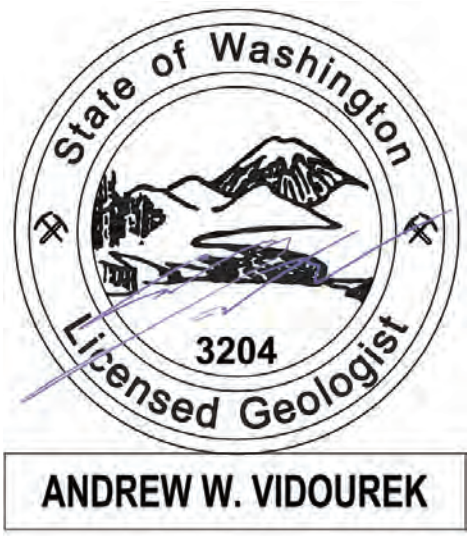
RECOMMENDATION

The next sampling event will be conducted in August 2021. After which time, it is recommended that the analytical requirements and monitoring schedule be reevaluated.

Please contact me if there are any questions regarding this letter.

Sincerely,

Maul Foster & Alongi, Inc.



04/27/2020

Andrew W. Vidourek, LG
Project Geologist

Attachments: Limitations
Figures
Tables
A—Field Sampling Data Sheets
B—Laboratory Analytical Report
C—Data Quality Assurance and Quality Control Review Memorandum

cc: Laurie Olin, Port 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 letter 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.

REFERENCES

Ecology. 2013. Cleanup action plan, former Pacific Wood Treating Co. site. Prepared for Port of Ridgefield and City of Ridgefield. Prepared by the Washington State Department of Ecology. October.

Ecology. 2019a. Email communications (re: Port of Ridgefield groundwater monitoring report—Jan. 2018) from C. Rankine, Washington State Department of Ecology, and A. Vidourek, Maul Foster & Alongi, Inc., Vancouver, Washington. May 7.

Ecology. 2019b. Letter (re: Ecology response to January 2018 groundwater monitoring report of former Pacific Wood Treating Co.) to L. Olin, Port of Ridgefield, from C. Rankine, Washington State Department of Ecology. August 23.

MFA. 2018. January 2018 groundwater monitoring for former Pacific Wood Treating Co. Site. Maul Foster & Alongi, Inc., Vancouver, Washington. May 10.

FIGURES

Source: Aerial photograph obtained from ArcGIS Online.

Legend

Monitoring Wells

- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Figure 1
Monitoring Well Locations

Port of Ridgefield
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

0 100 200
Feet

Path: X:\0003.01 Port of Ridgefield\28\07\Projects\Fig1_Monitoring Well Locations.mxd
Print Date: 2/13/2020
Approved By: avdouwes
Produced By: skinner
Project: 0003.01.2807

Source:
Aerial photograph obtained from ArcGIS Online.
Potentiometric surface generated using ArcGIS Spatial Analyst natural neighbor interpolation.

Legend

Monitoring Wells
- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Groundwater flow direction (approximate)

Groundwater elevation contours (1 foot)

Figure 2
Groundwater Potentiometric Map for Lower Water-Bearing Zone

Port of Ridgefield
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\2807\Projects\Fig2_Groundwater_Potentiometric_Map.mxd
Print Date: 2/19/2020
Approved By: avidouris
Produced By: skinner
Project: 9003.01.2807

TABLES

MAUL FOSTER ALONGI

Table 1
POC Monitoring Well Completion Details
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Point	Coordinates		Measuring Point Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Total Depth Drilled (ft bgs)	Total Depth Casing (ft bgs)	Sump Interval (ft bgs)	Screened Interval (ft bgs)	Filter Pack Interval (ft bgs)	Secondary Filter Pack Interval (ft bgs)	Surface Seal (ft bgs)	Borehole Diameter (inches)	Well Diameter (inches)	Drilling Method	Date of Installation	Lithologic Unit Screened
	Northing	Easting														
Upper Water-Bearing Zone																
Shallow Upper Water-Bearing Zone																
MW-46S	184843.90	1066565.10	15.33	19.65	25.5	15	25 - 25.5	15 - 25	13 - 25.5	--	0 - 13	10.25	2	HSA	Jul-04	Alluvium
MW-55S	185715.9599	1066288.645	26.88	24.27	31.3	30	30.9 - 30.4	20.9 - 30.9	18.0 - 31.3	--	0 - 18.0	6	2	Sonic	Aug-10	Alluvium
MW-57S	185715.4938	1066288.473	26.88	24.35	30.0	17	27 - 27.5	17 - 27	15 - 30	--	0 - 15	8	2	Sonic	Jun-08	Alluvium
RMW-2S	186524.851	1066680.832	16.66	13.39	15.0	5	--	5 - 15	4 - 15	--	3 - 4	10.25	2	HSA	Nov-00	Gravel
Deep Upper Water-Bearing Zone																
MW-29D	184616.22	1066953.26	25.42	23.23	53.5	43	53-53.5	43-53	40-53.5	--	0-40	8	2	Becker	Aug-04	Gravel
MW-45D	185011.82	1066517.56	22.16	20.42	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-46D	184839.34	1066567.00	14.18	19.52	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-47D	184558.46	1066722.03	19.56	19.95	53.5	41	51 - 51.5	41 - 51	39.5 - 51.5	--	2 - 39.5	10.25	2	HSA	Jul-04	Gravel
MW-55D	185768.717	1066133.905	27.10	24.44	80.0	78.3	75.0 - 75.5	65.0 - 75.0	63.0 - 76.0	59.0 - 63.0	0 - 59.0	6	2	Sonic	Aug-10	Alluvium
MW-57D	185719.5269	1066292.568	26.45	24.21	80.0	74.9	74.4 - 75.9	64.4 - 74.4	65.1 - 77.9	--	3 - 65.1	8	2	Sonic	Jun-08	Gravel
MW-58D	186013.7436	1066028.897	27.73	24.32	75.0	64.3	74.3 - 74.8	64.3 - 74.3	62.5 - 75.0	--	2 - 62.5	8	2	Sonic	Jun-08	Gravel
USDFW-1	186325.7682	1066660.526	15.35	10.76	22.7	12.2	--	12.2 - 22.2	11.1 - 22.7	9.8 - 11.1	0 - 9.8	10.25	2	HSA	Oct-01	Gravel
RMW-2D	186528.3044	1066680.006	17.24	13.44	31.5	19.5	--	19.5 - 29.5	17.5 - 31.5	--	3 - 17.5	10.25	2	HSA	Nov-00	Gravel
Lower Water-Bearing Zone																
MW-55	185758.1565	1066145.061	27.88	24.90	112.3	89	99 - 99.5	89 - 99	86 - 100.3	--	2 - 86.0	8	2	Sonic	Jun-08	Troutdale
MW-56	186004.4964	1066031.162	26.48	23.84	120.0	103	113 - 113.5	103 - 113	100.4 - 116	--	2 - 100.4	8	2	Sonic	Jun-08	Troutdale
MW-61	186698.58	1065859.148	18.298	15.79	104.5	104.5	102.0 - 102.5	92.0 - 102.0	90.5 - 103	--	0 - 90.5	6	2	Sonic	Aug-10	Troutdale
MW-62	185309.338	1066390.093	27.439	24.631	121.0	117.8	114.6 - 115.1	104.6 - 114.6	102.0 - 116.5	96.0 - 102.0	0 - 96.0	6	2	Sonic	Aug-10	Troutdale
MW-63	186802.255	1066287.113	17.12	15.14	116.0	115.5	115.0 - 115.5	105.0 - 115.0	102.0 - 115.5	--	0 - 102.0	8	2	Sonic	Sep-12	Troutdale

NOTES:

-- = not available or not applicable.

Becker = DR-24 air rotary.

ft bgs = feet below ground surface.

ft NGVD = feet National Geodetic Vertical Datum of 1927/1947.

HSA = hollow-stem auger.

POC = point of compliance.

Sonic = rotosonic.

Table 2
POC Monitoring Wells and Analytical Testing Summary
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis		
		SVOCs by USEPA 8270D	Arsenic by USEPA 6020	VOCs by USEPA 8260B
LWBZ				
MW-55	x	PCP only	--	x
MW-56	x	PCP only	--	x
MW-61	x	PCP only	--	x
MW-62	x	PCP only	--	x
MW-63	x	x	x	x
UWBZ				
Shallow UWBZ				
MW-46S	x	--	x	--
MW-55S	x	x	x	x
MW-57S	x	x	x	x
RMW-2s	x	PCP only	--	--
Deep UWBZ				
MW-29D	x	--	--	PCE only
MW-45D	x	PCP only	--	PCE only
MW-46D	x	--	--	PCE only
MW-47D	x	--	--	PCE only
MW-55D	x	PCP only	x	x
MW-57D	x	x	x	x
MW-58D	x	PCP only	x	x
USDFW-1	x	PCP only	x	x
RMW-2d	x	PCP only	--	--

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

-- = not analyzed.

IHS = indicator hazardous substance.

only = only wells with consistent IHS detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

LWBZ = lower water-bearing zone.

PCP = pentachlorophenol.

PCE = tetrachloroethene.

POC = point of compliance.

SVOC = semivolatile organic compound.

USEPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = action or analysis is to be conducted during each monitoring event.

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
Cell 2 Monitoring Wells (UWBZ)														
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	15	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/09/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.25	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	47.8	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.93	1 U	1 U
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
MW-42	08/12/2002	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**520**	200 U	200 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	360	50 U	50 U
	04/30/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**420**	100 U	100 U
	08/10/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	390	100 U	100 U
	10/27/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**640**	100 U	100 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	22.9	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-43	08/12/2002	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**610**	200 U	200 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	**510**	50 U	50 U
	08/11/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	20 U	160	20 U	20 U
	10/27/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	64	10 U	10 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	63.4	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**940**	100 U	100 U
	01/23/2004	13 U	13 U	13 U	13 U	13 U	13 U	13 U	50 U	13 U	50 U	**1100**	50 U	50 U
	04/29/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**1000**	100 U	100 U
	08/11/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**630**	100 U	100 U
	10/29/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**600**	200 U	200 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	97.1	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.61	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.67	1 U	1 U
	09/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.06	1 U	1 U
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.16	1 U	1 U
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)														
MW-4	05/07/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/07/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**401**	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	37.1	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	95.2	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	23.4	1 U	1 U
	01/12/2011	1 U	1 U	**1.04**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12.1	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.48	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.67	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-15	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.72	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.58	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.56	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	22	2 U	2 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	17	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	23	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	29	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	7.3	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10.5	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.77	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	2.12	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.63	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.88	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.31	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.14	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.43	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.61	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**450**	200 U	200 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	323	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	337	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**452**	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**452**	1 U	1 U
MW-21	08/08/2002	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**450**	100 U	100 U
	05/06/2004	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	40 U	210	40 U	40 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	130	2.0 U	2.0 U
	10/26/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	140	10 U	10 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	110	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	57.7	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	244	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/03/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-26	01/26/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	50 U	200 U	**590**	200 U	200 U
	05/05/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**600**	100 U	100 U
	07/29/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**610**	100 U	100 U
	10/25/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	100 U	25 U	100 U	**640**	100 U	100 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	376	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**436**	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	370	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**552**	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**521**	1 U	1 U
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**612**	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**577**	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	159	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	248	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**532**	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	186	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**641**	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	361	1 U	1 U
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	20 U	20 U	20 U	20 U
	05/07/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	11	10 U	10 U
	07/29/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	16	10 U	10 U
	10/20/2004	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	10 U	10	10 U	10 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.92	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.14	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	4.11	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.98	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.53	1 U	1 U
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.91	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.06	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.03	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-38	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2.2	2 U	2 U
dup	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2.5	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
dup	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
dup	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
dup	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.31	1 U	1 U
dup	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.67	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.12	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.41	1 U	1 U
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.42	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.65	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-52D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	49.2	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.62	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.02	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.18	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-53S	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.26	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	29.3	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	17.4	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12.3	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.20	1 U	1 U
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	32.1	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	29.0	1 U	1 U
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.72	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	35	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	21	1 U	1 U
MW-53D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-55S	08/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.74	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.37	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.09	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.3	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.09	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.22	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.58	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.97	1 U	1 U
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.93	1 U	1 U
MW-57S	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**529**	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**561**	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**463**	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**223**	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**497**	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**813**	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**567**	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**816**	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**541**	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**478**	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**140**	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**527**	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**413**	1 U	1 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**464**	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**229**	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**370**	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2.62	1 U	1 U	1 U	1 U	**359**	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.84	1 U	1 U
dup	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.05	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.11	1 U	1 U
dup	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.05	1 U	1 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.22	1 U	1 U
dup	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.38	1 U	1 U
dup	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.32	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.37	1 U	1 U
dup	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.43	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-6D	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.37	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.82	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.73	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.58	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.26	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
RNWR Monitoring Wells (UWBZ)														
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
USDFW-1	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	6.3	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	3	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
Cell 1 (LWBZ)														
MW-40	08/08/2002	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	5 U	1.3 U	5 U	24	5 U	5 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	3.6	2.0 U	2.0 U
	04/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/11/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/12/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	11/08/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
Cell 2 Monitoring Wells (LWBZ)														
MW-22	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/23/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-35	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
dup	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/21/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.02	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.13	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	2 U	2 U	2 U	2 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U	2.0 U	2.0 U	2.0 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-55	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-56	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (LWBZ)														
MW-60	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane
MTCA Method B Groundwater VI Level		7.4	11,000	6.2	7.9	2300	130	NV	NV	NV	3900	24	NV	0.74
MTCA Method B Groundwater Cleanup Level		1.7	16,000	0.22	0.77	1600	400	NV	NV	0.0063	80	24	0.031	0.022
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	1 U	1 U	0.3 U	0.5 U	0.3 U	1 U	0.5 U	1 U	0.5 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
Cell 2 Monitoring Wells (UWBZ)																	
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/09/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	100 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/27/2006	1 U	1 U	1 U	1.02	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	13.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	50.2	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
MW-42	08/12/2002	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/23/2004	13 U	13 U	13 U	78	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	04/30/2004	25 U	25 U	25 U	100 U	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	08/10/2004	25 U	25 U	25 U	130	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/27/2004	25 U	25 U	25 U	180	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	7.31	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-43	08/12/2002	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/23/2004	13 U	13 U	13 U	110	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	08/11/2004	5.0 U	5.0 U	5.0 U	45	5.0 U	5.0 U	5.0 U	--	200 U	20 U	200 U	20 U	20 U	200 U	200 U	--
	10/27/2004	2.5 U	2.5 U	2.5 U	12	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	17.0	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.53	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
MW-44	08/13/2002	25 U	25 U	25 U	250	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/23/2004	13 U	13 U	13 U	290	13 U	13 U	13 U	--	500 U	50 U	500 U	50 U	50 U	500 U	500 U	--
	04/29/2004	25 U	25 U	25 U	290	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	08/11/2004	25 U	25 U	25 U	200	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/29/2004	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	500 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	25.2	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	3.58	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	24.5	1 U	10 U	1 U	1 U	20 U	148	--
	08/19/2009	1 U	1 U	1 U	3.52	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	55.6	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/13/2007	1 U	1 U	1 U	1.24	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
Cell 2 (UWBZ)																	
MW-4	05/07/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/07/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/05/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	79.8	1 U	1 U	1 U	--	396	1 U	10 U	1 U	15.3	28.8	**1800**	--
	08/14/2009	1 U	1 U	1 U	122	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.76	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	32.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	8.57	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	3.58	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	3.93	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	3.35	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.72	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-15	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/05/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1.67	--	--	--
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	--	5 UJ	--	5 UJ	5 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	2.01	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-16	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.4	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1.29	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.91	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.67	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.57	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	1.1	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.98	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-18	07/29/2004	50 U	50 U	50 U	200 U	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	--	1000 UJ	--	1000 UJ	1000 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	92.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.15	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/24/2007	1 U	1 U	1 U	103	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	10.7	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	156	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.6	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	91.6	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	9.85	20 U	50 U	--
MW-21	08/08/2002	25 U	25 U	25 U	100 U	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	05/06/2004	10 U	10 U	10 U	40 U	10 U	10 U	10 U	--	400 U	40 U	400 U	40 U	40 U	400 U	400 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	100 U	--	--	--
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	--	500 UJ	--	500 UJ	500 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1.11	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	67.6	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.9	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/03/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/19/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
MW-25	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-26	01/26/2004	50 U	50 U	50 U	200	50 U	50 U	50 U	--	2000 U	200 U	2000 U	200 U	200 U	2000 U	2000 U	--
	05/05/2004	25 U	25 U	25 U	200	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	07/29/2004	25 U	25 U	25 U	210	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	10/25/2004	25 U	25 U	25 U	210	25 U	25 U	25 U	--	1000 U	100 U	1000 U	100 U	100 U	1000 U	1000 U	--
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	--	1000 U	--	1000 U	1000 U	--	--	--
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	--	1000 UJ	--	1000 UJ	1000 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	118	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	9.96	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	131	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.3	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	109	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	11.3	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	198	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.6	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	110	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.7	20 U	50 U	--
	08/15/2008	1 U	1 U	1 U	204	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.4	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	146	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.4	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	**616**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.9	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	**754**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.5	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	161	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.7	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	**509**	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	18.8	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	205	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.6	20 U	50 U	--
	01/23/2012	1 U	1 U	1 U	169	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.5	20 U	50.1	--
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	5.0 U	--	200 U	20 U	200 U	20 U	20 U	200 U	200 U	--
	05/07/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	07/29/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	10/20/2004	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U	2.5 U	--	100 U	10 U	100 U	10 U	10 U	100 U	100 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-38	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
dup	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
dup	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	--	10 UJ	--	10 UJ	10 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	05/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
dup	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
dup	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	--	100 UJ	--	100 UJ	100 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	9.07	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-49D	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	243	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	81.5	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	16.7	1 U	10 U	1 U	1 U	20 U	224	--
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10.5	1 U	10 U	1 U	1 U	20 U	158	--
	01/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	17.4	1 U	10 U	1 U	1 U	20 U	68.7	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-52D	08/14/2008	1 U	1 U	1 U	16.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.68	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1.23	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	2.21	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-53S	08/14/2008	1 U	1 U	1 U	4.02	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.12	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1.41	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	5.75	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	1.75	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.16	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	2.12	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	10.1	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1.88	20 U	50 U	--
	01/20/2010	1 U	1 U	1 U	2.07	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	6.51	20 U	50 U	--
	01/18/2011	1 U	1 U	1 U	33.2	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	6.74	20 U	50 U	--
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.08	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.39	20 U	50 U	--
MW-53D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-55S	08/20/2010	1 U	1 U	1 U	2.29	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	4.38	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	2.44	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	2.48	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	2.04	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1.4	10 U	20 U	5 U
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW-57S	08/15/2008	1 U	1 U	1 U	106	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.9	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	98.4	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	12.2	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	86.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.4	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	82.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	10.4	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	79.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	13.7	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	85.7	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	11.3	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	93.5	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	15.5	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	104	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	15.5	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	90.3	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	16.2	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	86.9	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	14.6	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	40.8	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	7.67	20 U	50 U	--
	01/22/2014	1 U	1 U	1 U	65.5	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	13.3	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	54.6	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	12.1	20 U	50 U	5 U
	01/14/2015	1 U	1 U	1 U	62.6	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1.87	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	35.4	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	7.42	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	57.4	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	14.2	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	60.2	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	21.6	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
dup	01/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
dup	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
dup	01/14/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
dup	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
dup	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
dup	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
dup	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
EPA-6D	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
RNWR Monitoring Wells (UWBZ)																	
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
USDFW-1	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
USDFW-2	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	05/04/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/13/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--		1 U	--	1 U	1 U	--	--	--
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
Cell 1 (LWBZ)																	--
MW-40	08/08/2002	1.3 U	1.3 U	1.3 U	7.8	1.3 U	1.3 U	1.3 U	--	50 U	5 U	50 U	5 U	5 U	50 U	50 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/11/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1.14	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	52	--
	08/12/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	11/08/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/30/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
Cell 2 Monitoring Wells (LWBZ)																	--
MW-22	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/23/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/19/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/20/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/10/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-35	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
dup	08/13/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/21/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/25/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	7.21	--	--	--
	07/20/2005	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	--	5 UJ	--	5 UJ	5 UJ	--	--	--
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/18/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/28/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	07/30/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/26/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	--	20 U	2 U	20 U	2 U	2 U	20 U	20 U	--
	01/27/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	04/29/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	08/06/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	10/22/2004	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	20 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	--
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	1 U	--	--	--
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	--	1 UJ	--	1 UJ	1 UJ	--	--	--
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	--	1 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-55	08/14/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW-56	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
RNWR Monitoring Wells (LWBZ)																	--
MW-60	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane	2-Butanone	2-Chloro-toluene	2-Hex-anone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Acrylonitrile
MTCA Method B Groundwater VI Level		1800	4.2	28	25	NV	NV	7900	NV	350000	NV	NV	NV	NV	NV	NV	16
MTCA Method B Groundwater Cleanup Level		720	0.48	0.64	400	NV	NV	1.8	NV	4800	160	NV	NV	NV	640	800	7200
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
MW-63	09/20/2012	1 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	1 U	--	10 U	0.5 U	10 U	0.5 U	0.5 U	20 U	10 U	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	10 U	1 U	10 U	1 U	1 U	20 U	50 U	--
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	20 U	50 U	5 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10 U	20 U	5 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
Cell 2 Monitoring Wells (UWBZ)																	
MW-7	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/09/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/27/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	**24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	09/05/2008	0.37	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/04/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-8S	08/13/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
MW-42	08/12/2002	**51**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/23/2004	**31**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	17	--	13 U	13 U
	04/30/2004	**42**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	30	--	25 U	25 U
	08/10/2004	**36**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	30	--	25 U	25 U
	10/27/2004	**55**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-43	08/12/2002	**57**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/23/2004	**19**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	--	13 U	13 U
	08/11/2004	5.0 U	20 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.4	--	5.0 U	5.0 U
	10/27/2004	**4.4**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
MW-44	08/13/2002	**47**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	42	--	25 U	25 U
	01/23/2004	**59**	50 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	17	--	13 U	13 U
	04/29/2004	**29**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	08/11/2004	**29**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	10/29/2004	50 U	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	--	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	**5.57**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	22.1	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	**0.82**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
E-4	07/12/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.19	--	1 U	1 U
	09/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/22/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
EPA-4S	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/10/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/16/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-4D	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/10/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/16/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/01/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
Cell 2 (UWBZ)																	
MW-4	05/07/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-5	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/07/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/24/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.350	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	**1.28**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
PZ-06	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-10	08/06/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-13	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/05/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/28/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	**11.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.9	--	1 U	1 U
	08/14/2009	**2.10**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.63	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/23/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-14	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/28/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-15	08/08/2002	**15**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	54	--	0.5 U	0.5 U
	01/21/2004	**18**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	61	--	0.50 U	0.50 U
	05/05/2004	**18**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	59	--	0.50 U	0.50 U
	07/28/2004	**15**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	45	--	0.50 U	0.50 U
	10/20/2004	**17**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	51	--	0.50 U	0.50 U
	01/21/2005	**3.1**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.87	--	1 U	1 U
	07/20/2005	**16.4**	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	42	--	5 UJ	5 UJ
	01/23/2006	**29.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	36.2	--	1 U	1 U
	08/07/2006	**8.87**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	38.3	--	1 U	1 U
	01/18/2007	**14.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	35.5	--	1 U	1 U
	08/10/2007	**10.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	29.6	--	1 U	1 U
	01/16/2008	**6.46**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.2	--	1 U	1 U
	08/13/2008	**3.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	24.4	--	1 U	1 U
	09/03/2008	**2.77**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	21.6	--	1 U	1 U
	01/26/2009	**1.88**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	40.4	--	1 U	1 U
	08/17/2009	**1.12**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	16.1	--	1 U	1 U
	01/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.53	--	1 U	1 U
	08/11/2010	0.490	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.76	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.25	--	1 U	1 U
	08/23/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-16	08/07/2002	**2.8**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/23/2004	**2.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	**3.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/30/2004	**2.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/26/2004	**1.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/25/2005	**2.09**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/25/2006	**9.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	**1.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	**6.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**1.74**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2008	**2.73**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2008	**3.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.410	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**1.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.460	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.69	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	**2.52**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-17	08/07/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/30/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/26/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ		1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/24/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-18	07/29/2004	50 U	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ
	01/24/2006	**33.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.55	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/24/2007	**30.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.95	--	1 U	1 U
	08/15/2007	**27.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.33	--	1 U	1 U
	01/18/2008	**25.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.67	--	1 U	1 U
MW-21	08/08/2002	**41**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	05/06/2004	**12**	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U
	07/30/2004	**7.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.4	--	0.50 U	0.50 U
	10/26/2004	**5.1**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.9	--	2.5 U	2.5 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	--	500 UJ	500 UJ
	01/25/2006	**1.23**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.09	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**2.21**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.41	--	1 U	1 U
	01/22/2008	**1.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.04	--	1 U	1 U
	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	**4.10**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.53	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	**0.88**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	**1.05**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-23	08/06/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/03/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/19/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/20/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
MW-25	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	--	0.5 U	0.5 U
	01/27/2004	**2.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	7	--	0.50 U	0.50 U
	04/29/2004	0.61	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.6	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0	--	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.75	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.36	--	1 UJ	1 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-26	01/26/2004	**70**	200 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U
	05/05/2004	**57**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	07/29/2004	**52**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	10/25/2004	**52**	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	--	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ
	01/24/2006	**54.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.25	--	1 U	1 U
	08/08/2006	**68.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	**64.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.68	--	1 U	1 U
	08/15/2007	**57.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.61	--	1 U	1 U
	01/18/2008	**82.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.56	--	1 U	1 U
	08/15/2008	**41.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.77	--	1 U	1 U
	01/28/2009	**38.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.88	--	1 U	1 U
	08/18/2009	**46.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.81	--	1 U	1 U
	01/25/2010	**36.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.43	--	1 U	1 U
	08/16/2010	**56.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.85	--	1 U	1 U
	01/20/2011	**42.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.94	--	1 U	1 U
	08/30/2011	**30**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.86	--	1 U	1 U
	01/23/2012	**25.9**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.67	--	1 U	1 U
MW-27	01/26/2004	**24**	20 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U
	05/07/2004	**19**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	07/29/2004	**26**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	10/20/2004	**20**	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	2.5 U	2.5 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
	01/23/2006	**17.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	**18.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	**20.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2007	**13.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2008	**15.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2008	**15.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2010	**13.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/29/2011	**8.02**	1 U	1 U	1 U	1 U	1.7	2 U	1 U	1 U	1 U	1 U	1.18	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-38	08/07/2002	**1.6**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.3	--	0.5 U	0.5 U
dup	08/07/2002	**1.5**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9	--	0.5 U	0.5 U
	01/27/2004	**0.86**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.7	--	0.50 U	0.50 U
dup	01/27/2004	**0.95**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.8	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.7	--	0.50 U	0.50 U
dup	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.4	--	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	2.13	--	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	2.39	--	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
dup	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	--	10 UJ	10 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.27	--	1 U	1 U
dup	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.22	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.03	--	1 U	1 U
dup	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.05	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-39	08/07/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	05/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
dup	10/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
dup	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	--	100 UJ	100 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/10/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/16/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/12/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-48S	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2010	0.3 U	1 U	1 U	1 U	1 U	--	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.39	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-49D	08/19/2008	**4.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.4	--	1 U	1 U
	10/03/2008	**4.24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.32	--	1 U	1 U
	01/26/2009	**2.59**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.24	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2009	0.510	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.19	--	1 U	1 U
	08/11/2010	0.740	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.16	--	1 U	1 U
	01/13/2011	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/23/2011	0.38	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-50S	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.03	1 U	1 U	1 U	--	1 U	1 U
	08/16/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-51D	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.45	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-52D	08/14/2008	**4.47**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	12.8	--	1 U	1 U
	10/07/2008	**1.40**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.57	--	1 U	1 U
	01/30/2009	**2.24**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.53	--	1 U	1 U
	04/09/2009	**1.35**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.24	--	1 U	1 U
	08/18/2009	**2.34**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.05	--	1 U	1 U
	01/25/2010	0.670	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.11	--	1 U	1 U
	08/16/2010	0.710	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	**0.35**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-53S	08/14/2008	**31.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	**4.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2009	**22.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	**22.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/18/2009	**13.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2010	**8.51**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.22	--	1 U	1 U
	08/16/2010	**10.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2011	**6.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2011	**2.85**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	**1.87**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-53D	08/14/2008	**2.64**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	30.6	--	1 U	1 U
	10/07/2008	**1.26**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.07	--	1 U	1 U
	01/28/2009	**3.79**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.8	--	1 U	1 U
	04/10/2009	**2.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.6	--	1 U	1 U
	08/17/2009	**2.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.60	--	1 U	1 U
	01/20/2010	**1.29**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.47	--	1 U	1 U
	08/16/2010	0.670	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.86	--	1 U	1 U
	01/18/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.02	--	1 U	1 U
	08/11/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-55S	08/20/2010	**3.47**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	0.34	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/08/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2012	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-55D	09/07/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	**3.81**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.22	--	1 U	1 U
	08/08/2011	0.4	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.1	--	1 U	1 U
	01/12/2012	**4.18**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.79	--	1 U	1 U
	08/13/2013	**8.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.98	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	**3.13**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.55	1 U	1 U	1 U
	01/15/2015	**4.23**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.59	1 U	1 U	1 U
	08/11/2016	**2.48**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.74	1 U	1 U	1 U
	01/09/2018	**4.83**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.5	1 U	1 U	1 U
	01/16/2020	**6.64**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3.22	1 U	1 U	1 U
MW-57S	08/15/2008	**2.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	**1.65**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	**2.32**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.64	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	**2.08**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	**2.13**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2011	**1.76**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2012	**1.44**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	**1.26**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2014	**1.39**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	**1.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2015	**1.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.79	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	**1.11**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	**1.48**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2.63	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-57D	08/14/2008	**33.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.3	--	1 U	1 U
	10/06/2008	**29.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.1	--	1 U	1 U
dup	10/06/2008	**32.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.7	--	1 U	1 U
	01/27/2009	**28.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.2	--	1 U	1 U
dup	01/27/2009	**27.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.8	--	1 U	1 U
	04/07/2009	**32.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.6	--	1 U	1 U
dup	04/07/2009	**33.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.5	--	1 U	1 U
	08/06/2009	**28.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.6	--	1 U	1 U
	01/13/2010	**33.6**	1 U	1 U	1 U	1 U	1 U	2.25	1 U	1 U	1 U	1 U	1 U	15	--	1 U	1 U
dup	01/13/2010	**31.6**	1 U	1 U	1 U	1 U	1 U	2.3	1 U	1 U	1 U	1 U	1 U	15	--	1 U	1 U
	08/12/2010	**31.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.4	--	1 U	1 U
dup	08/12/2010	**25.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	17	--	1 U	1 U
	01/14/2011	**30.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	22.7	--	1 U	1 U
dup	01/14/2011	**32.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	24	--	1 U	1 U
	08/25/2011	**27.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	20.2	--	1 U	1 U
dup	08/25/2011	**28.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	21.6	--	1 U	1 U
	01/11/2012	**31.0**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	19.9	--	1 U	1 U
dup	01/11/2012	**29.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18.7	--	1 U	1 U
	08/13/2013	**5.79**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.96	--	1 U	1 U
dup	08/13/2013	**5.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.44	--	1 U	1 U
	01/22/2014	**16.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.87	1 U	1 U	1 U
dup	01/22/2014	**17.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.8	1 U	1 U	1 U
	07/23/2014	**25.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	15.9	1 U	1 U	1 U
dup	07/23/2014	**26.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	16.7	1 U	1 U	1 U
	01/14/2015	**19.4**	1 U	1 U	1 U	1 U	1 U	4.21	1 U	1 U	1 U	1 U	1 U	16	1 U	1 U	1 U
dup	01/14/2015	**20.7**	1 U	1 U	1 U	1 U	1 U	2.68	1 U	1 U	1 U	1 U	1 U	17.1	1 U	1 U	1 U
	08/12/2016	**14.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.1	1 U	1 U	1 U
dup	08/12/2016	**14.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.4	1 U	1 U	1 U
	01/09/2018	**15.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	18	1 U	1 U	1 U
dup	01/09/2018	**14.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	14.9	1 U	1 U	1 U
	01/15/2020	**17**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	11.5	1 U	1 U	1 U
dup	01/15/2020	**17.7**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	12.4	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-58D	08/13/2008	**6.69**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	**9.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	**8.15**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	**6.62**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	**10.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2010	**16.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	**13.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	**19.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	**18.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	**26.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	**8.63**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	**10.5**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	**10.4**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	**15.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	**8.43**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	**3.19**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	**8.64**	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5S	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-5D	08/11/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/02/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/12/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/09/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
EPA-6S	08/18/2008	0.36	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	0.35	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	0.63	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**1.54**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2010	0.44	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.65	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	0.33	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
dup	01/19/2011	0.32	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
EPA-6D	08/18/2008	**25.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/07/2008	**10.2**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	**16.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/10/2009	**14.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2009	**9.36**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	**3.37**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	**5.25**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2011	**1.93**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/17/2012	**1.07**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
RNWR Monitoring Wells (UWBZ)																	
MW-30	08/13/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
USDFW-1	10/24/2003	**4.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	8.9	--	0.50 U	0.50 U
	05/04/2004	**3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9	--	0.50 U	0.50 U
	08/13/2004	**3.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	7.3	--	0.50 U	0.50 U
	10/25/2004	**1.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.7	--	0.50 U	0.50 U
	01/28/2005	**1.43**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.61	--	1 U	1 U
	07/28/2005	**1.1**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	7.2	--	1 U	1 U
	02/01/2006	0.43	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.81	--	1 U	1 U
	08/11/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.08	--	1 U	1 U
	01/22/2007	0.55	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.63	--	1 U	1 U
	08/27/2007	0.41	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.43	--	1 U	1 U
	01/28/2008	0.4	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.69	--	1 U	1 U
	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.84	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.39	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.62	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.94	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.11	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.45	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.17	--	1 U	1 U
	08/07/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.12	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	13	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	08/13/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	10/25/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.0	--	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	6.11	--	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	9.14	--	1 U	1 U
	02/01/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.36	--	1 U	1 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/22/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.41	--	1 U	1 U
	08/27/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.09	--	1 U	1 U
	01/28/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.49	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
USDFW-3	10/24/2003	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	05/04/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.88	--	0.50 U	0.50 U
	08/13/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/25/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/01/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/11/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/27/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
RMW-2S	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.19	1 U	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.46	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
RMW-2D	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
Cell 1 (LWBZ)																	
MW-40	08/08/2002	**4.6**	5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.6	--	1.3 U	1.3 U
	01/23/2004	**1.3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.2	--	0.50 U	0.50 U
	04/30/2004	0.78	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	08/11/2004	0.63	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7	--	0.50 U	0.50 U
	10/29/2004	0.5	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.8	--	0.50 U	0.50 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.7	--	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/27/2006	0.34	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.03	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	02/02/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-41	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67	--	0.5 U	0.5 U
	01/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.68	--	0.50 U	0.50 U
	04/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.63	--	0.50 U	0.50 U
	08/12/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.65	--	0.50 U	0.50 U
	11/08/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0	--	0.50 U	0.50 U
	01/27/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/30/2006	**5.67**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.82	--	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
Cell 2 Monitoring Wells (LWBZ)																	
MW-22	08/08/2002	**8.6**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	--	0.5 U	0.5 U
	01/23/2004	**8.9**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.9	--	0.50 U	0.50 U
	04/28/2004	**8.7**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.4	--	0.50 U	0.50 U
	08/06/2004	**6.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.4	--	0.50 U	0.50 U
	10/26/2004	**4.8**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.2	--	0.50 U	0.50 U
	01/25/2005	**3.94**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	3.88	--	1 U	1 U
	07/25/2005	**2.45**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.81	--	1 UJ	1 UJ
	01/25/2006	**4.91**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.47	--	1 U	1 U
	08/10/2006	**0.97**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/25/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2007	**1.18**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.86	--	1 U	1 U
	01/22/2008	0.63	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.75	--	1 U	1 U
MW-33	08/07/2002	**1.1**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.7	--	0.5 U	0.5 U
	01/21/2004	**3.4**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	04/27/2004	**3.5**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	11	--	0.50 U	0.50 U
	07/28/2004	**2.6**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	9.3	--	0.50 U	0.50 U
	10/19/2004	**2.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	8.7	--	0.50 U	0.50 U
	01/20/2005	**1.97**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	8.49	--	1 U	1 U
	07/20/2005	**1.77**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	7.86	--	1 UJ	1 UJ
	01/20/2006	**1.53**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.70	--	1 U	1 U
	08/04/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.42	--	1 U	1 U
	01/19/2007	**1.12**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.28	--	1 U	1 U
	08/09/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/15/2008	**1.03**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	7.97	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.85	--	1 U	1 U
	08/11/2008	0.38	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.50	--	1 U	1 U
	01/11/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	6.85	--	1 U	1 U
	08/09/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.5	--	1 U	1 U
MW-34	08/08/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/21/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	04/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	07/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/20/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/23/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/10/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.02	--	1 U	1 U
	01/16/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.29	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-35	08/13/2002	**15**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	--	0.5 U	0.5 U
dup	08/13/2002	**14**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	--	0.5 U	0.5 U
	01/21/2004	**16**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	3.9	--	0.50 U	0.50 U
	04/28/2004	**15**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	3.7	--	0.50 U	0.50 U
	07/30/2004	**16**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.1	--	0.50 U	0.50 U
	10/25/2004	**13**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	4.2	--	0.50 U	0.50 U
	01/24/2005	**14.4**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	4.56	--	1 U	1 U
	07/20/2005	**11.3**	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	--	5 UJ	5 UJ
	01/24/2006	**12.1**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.68	--	1 U	1 U
	08/08/2006	**12.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.25	--	1 U	1 U
	01/24/2007	**9.39**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.45	--	1 U	1 U
	08/14/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/18/2008	**13.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.70	--	1 U	1 U
	08/14/2008	**12.6**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.10	--	1 U	1 U
	01/30/2009	**7.95**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.17	--	1 U	1 U
	08/18/2009	**10.7**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.39	--	1 U	1 U
	01/22/2010	**7.93**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.35	--	1 U	1 U
	08/16/2010	**7.8**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.43	--	1 U	1 U
	01/20/2011	**7.75**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.26	--	1 U	1 U
	08/29/2011	**6.14**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.97	--	1 U	1 U
	01/18/2012	**5.09**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.54	--	1 U	1 U
MW-36	08/07/2002	**2.7**	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.92	--	0.5 U	0.5 U
	01/26/2004	0.65	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.8	--	0.50 U	0.50 U
	04/28/2004	**3.2**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	07/30/2004	**3**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2	--	0.50 U	0.50 U
	10/26/2004	**2.1**	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.9	--	0.50 U	0.50 U
	01/25/2005	**1.49**	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1.49	--	1 U	1 U
	07/25/2005	**1.27**	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.49	--	1 UJ	1 UJ
	01/25/2006	0.56	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.15	--	1 U	1 U
	08/08/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/15/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/30/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/19/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/16/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/30/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.13	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-37	08/12/2002	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
	01/27/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	04/29/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	08/06/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	10/22/2004	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	01/26/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/09/2006	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2007	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/20/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/31/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-54	08/12/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/26/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/05/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/10/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-55	08/14/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.59	--	1 U	1 U
	10/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.55	--	1 U	1 U
	01/27/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.54	--	1 U	1 U
	04/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.60	--	1 U	1 U
	08/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.73	--	1 U	1 U
	01/14/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.45	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.53	--	1 U	1 U
	01/14/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.26	--	1 U	1 U
	08/08/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.41	--	1 U	1 U
	01/12/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.82	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.58	--	1 U	1 U
	01/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.89	1 U	1 U	1 U
	07/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2.13	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.43	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-56	08/21/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/08/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/27/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/07/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/12/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/19/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/26/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW59	08/19/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	10/06/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/29/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	04/09/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/17/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/21/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/20/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/29/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/13/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
MW-62	09/08/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/14/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/25/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/11/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/07/2012	0.3 U	1 U	1 U	1 U	1 U	1.19	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/13/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (LWBZ)																	
MW-60	09/03/2008	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.9		1 U	1 U
	10/09/2008	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	**13.7**	1 U		1 U	1 U
	02/03/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.5		1 U	1 U
	04/08/2009	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	13.0		1 U	1 U
	08/07/2009	**1.3**	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.7		1 U	1 U
	01/28/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.0		1 U	1 U
	08/25/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.46		1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	9.48		1 U	1 U
	09/06/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	11.5		1 U	1 U
	01/25/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	5.65		1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Benzene	Bromo-benzene	Bromochloro-methane	Bromodichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloro-methane	Dibromo-methane
MTCA Method B Groundwater VI Level		2.4	NV	NV	0.09	200	13	400	0.22	100	12	1.2	5.2	160	NV	0.22	NV
MTCA Method B Groundwater Cleanup Level		0.8	NV	NV	0.71	5.5	11	800	0.34	160	15	7.2	3.4	80	NV	0.52	80
MW-61	09/03/2010	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	09/02/2011	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/24/2012	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/06/2012	0.3 U	1 U	1 U	1 U	1 U	1.29	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.3 U	0.3 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	0.5 U	1 U	0.3 U	0.5 U	0.3 U	--	1 U	1 U
	08/14/2013	0.3 U	1 U	1 U	1 U	1 U	1 U	22.6	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	01/23/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	0.3 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
Cell 2 Monitoring Wells (UWBZ)																		
MW-7	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	1.8	--	2.0 U	2.4	1.5	--	2.0 U	150	2.0 U	2.0 U	5	2.0 U	--	0.50 U	2.0 U	**0.51**
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/09/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**0.92**
	01/26/2005	100 U	100 U	--	100 U	100 U	200 U	--	100 U	**1520**	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	73.1	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	130	1 U	1 U	2.62	1.19	1 U	1 U	1 U	**1.64**
	08/10/2006	1 U	1.99	--	1 U	1 U	2 U	--	20 U	**324**	1 U	1 U	9.12	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	2.5	2 U	--	20 U	7.21	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	49.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.42**
	02/04/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2.5	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
MW-42	08/12/2002	50 U	310	--	200 U	200 U	580	--	200 U	**16000**	200 U	200 U	330	200 U	--	**110**	200 U	50 U
	01/23/2004	13 U	140	--	50 U	50 U	140	--	50 U	**6200**	50 U	50 U	170	50 U	--	**23**	50 U	13 U
	04/30/2004	25 U	200	--	100 U	100 U	290	--	100 U	**9700**	180 U	100 U	240	100 U	25 U	**62**	100 U	**30**
	08/10/2004	25 U	280	--	100 U	100 U	480	--	100 U	**16000**	100 U	100 U	320	100 U	25 U	**99**	100 U	25 U
	10/27/2004	25 U	350	--	100 U	100 U	540	--	100 U	**18000**	100 U	100 U	410	100 U	25 U	**80**	100 U	25 U
	01/26/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**8330**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	6.12	--	1 U	2.46	9.31	--	20 U	**526**	1 U	2.58	6.57	1.51	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-43	08/12/2002	50 U	270	--	200 U	200 U	500	--	200 U	**17000**	200 U	200 U	310	200 U	--	**58**	200 U	50 U
	01/23/2004	13 U	140	--	50 U	62	150	--	50 U	**6300**	50 U	50 U	150	50 U	--	**15**	50 U	**25**
	08/11/2004	5.0 U	35	--	20 U	25	44	--	20 U	**2500**	20 U	20 U	43	20 U	5.0 U	5.0 U	20 U	**6.4**
	10/27/2004	2.5 U	34	--	10 U	13	33	--	10 U	**1500**	10 U	10 U	36	10 U	2.5 U	**3.1**	10 U	2.5 U
	01/27/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**11000**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	16.9	--	1 U	9.65	13	--	20 U	**1000**	2.81	8.04	16	5.24	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	25 U	310	--	100 U	100	410	--	100 U	**12000**	100 U	100 U	330	100 U	--	**89**	100 U	25 U
	01/23/2004	13 U	360	--	50 U	110	610	--	50 U	**12000**	50 U	74	460	50 U	--	**130**	50 U	**13**
	04/29/2004	25 U	270	--	100 U	100	440	--	100 U	**26000**	270 U	100 U	320	100 U	25 U	**80**	100 U	25 U
	08/11/2004	25 U	270	--	100 U	100 U	400	--	100 U	**13000**	100 U	100 U	310	100 U	25 U	**110**	100 U	25 U
	10/29/2004	50 U	110	--	200 U	200 U	180	--	200 U	**21000**	200 U	200 U	150	200 U	50 U	50 U	200 U	50 U
	01/27/2005	500 U	500 U	--	500 U	500 U	1000 U	--	500 U	**4420**	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	30.4	--	1 U	12	37.1	--	20 U	**1450**	1.67	9.38	39.4	3.35	1 U	**5.61**	1 U	**13.1**
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	159	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1.29	--	1 U	1 U	2 U	--	20 U	**442**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	4.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	61.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	12.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	34.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	**216**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.9	1.02	1 U	1 U	1.51	1 U	1 U	1 U	1 U
	08/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.95	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.95	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
EPA-4S	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)																		
MW-4	05/07/2004	0.50 U	0.50 U	--	2.0 U	6.3	0.50 U	--	2.0 U	2.0 U	120 U	2.0 U	0.62	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/29/2004	0.50 U	0.50 U	--	2.0 U	7.8	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	7.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	3.37	2 U	--	1 U	1 U	1 U	1 U	1 U	1.12	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	--	1 U	4.92	2 U	--	20 U	3.92	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	--	1 U	5.32	2 U	--	20 U	2.28	1.51	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	5.47	2 U	--	20 U	1 U	1 U	1.39	1 U	1.28	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	--	1 U	7.56	2 U	--	20 U	1 U	1.31	2.30	1 U	1.75	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	--	1 U	6.82	2 U	--	20 U	2.5	1.23	1.79	1 U	1.51	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	--	1 U	2.18	2 U	--	20 U	1.34	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	2.21	2 U	--	20 U	1.33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	--	1 U	3.22	2 U	--	20 U	1.07	1 U	1.09	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	--	1 U	2.08	2 U	--	1 U	2.47	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	6.87	2 U	--	1 U	1 U	1 U	2.33	1 U	1.49	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	2.92	2 U	--	20 U	1.06	1.75	1.07	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	4.83	2 U	--	20 U	1.62	1 U	1.36	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	5.54	2 U	--	20 U	2.08 J	1 U	1.58	1 U	1.09	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-5	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/07/2004	0.50 U	0.50 U	--	2.0 U	2.1	0.50 U	--	2.0 U	2.0 U	130 U	2.0 U	1	2.2	0.50 U	0.50 U	2.0 U	0.50 U
	07/29/2004	0.50 U	0.50 U	--	2.0 U	2.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	1	2.6	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.2	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	1.1	2.3	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	--	1 U	1.51	2 U	--	20 U	3.35	1 U	1 U	1 U	1.15	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.12	1 U	1 U	1.04	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1.31	--	1 U	2.02	2 U	--	20 U	1 U	1 U	1 U	1.37	1.63	1 U	1 U	1 U	1 U
	08/14/2007	1 U	3.09	--	1 U	2.74	2 U	--	20 U	1 U	1 U	1 U	2.56	1.62	1 U	1 U	1 U	1 U
	01/17/2008	1 U	15.7	--	1 U	5.75	4.49	--	20 U	1.7	1 U	1.15	8.67	2.45	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.78	1 U	1 U	1.47	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	--	1 U	1.98	2 U	--	1 U	1 U	1 U	1 U	2.72	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	5.30	2 U	--	1 U	1 U	1 U	1.15	2.39	2.15	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	2.55	2 U	--	20 U	1 U	1 U	1 U	1.73	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1.64	2 U	--	20 U	1.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	7.31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/01/2010	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1.43	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-13	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/05/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	51	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.67	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.12	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	14.2	--	1 U	30.0	28.9	--	20 U	**4870**	36.2	48.1	38.1	40.0	1 U	**1.83**	3.33	1 U
	08/14/2009	1 U	7.37	--	1 U	18.1	5.77	--	20 U	**1330**	16.9	28.0	9.57	23.1	1 U	1 U	2.74	1 U
	01/11/2010	1 U	3.58	--	1 U	10.1	2.51	--	1 U	**3200**	16.0	15.9	4.52	16.4	--	1 U	1.37	1 U
	08/11/2010	1 U	1 U	--	1 U	5.22	2 U	--	1 U	**186**	14.0	8.42	1 U	15.4	1 U	1 U	1.50	1 U
	01/12/2011	1 U	1 U	--	1 U	4.76	2 U	--	20 U	150	11.4	8.26	1 U	15.6	1 U	1 U	1.5	1 U
	08/23/2011	1 U	1 U	--	1 U	2.46	2 U	--	20 U	6.4	8.06	3.77	1 U	9.78	1 U	1 U	1	1 U
	01/09/2012	1 U	1 U	--	1 U	2.47	2 U	--	20 U	6.74	8.37	3.79	1 U	10.5	1 U	1 U	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-15	08/08/2002	0.5 U	0.5 U	--	2 U	12	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	12	--	0.5 U	2 U	**140**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	6.4	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	15	--	0.50 U	2.0 U	**160**
	05/05/2004	0.50 U	0.50 U	--	2.0 U	5.3	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	15	0.50 U	0.50 U	2	**150**
	07/28/2004	0.50 U	0.50 U	--	2.0 U	3.8	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	10	0.50 U	0.50 U	2.0 U	**93**
	10/20/2004	0.50 U	0.50 U	--	2.0 U	4.8	0.50 U	--	2.0 U	2.9	2.0 U	2.0 U	0.50 U	15	0.50 U	0.50 U	2.0	**130**
	01/21/2005	1 U	1 U	--	1 U	1.01	2 U	--	1 U	1 U	1 U	1 U	1 U	2.69	1 U	1 U	1 U	**24.2**
	07/20/2005	5 UJ	5 UJ	--	5 UJ	6.25	10 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	11	5 UJ	5 UJ	5 UJ	**104**
	01/23/2006	1 U	1 U	--	1 U	28.5	2 U	--	20 U	6.11	1 U	2.22	25.1	12.3	1 U	1 U	1.58	**101**
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.61	1 U	1 U	1 U	4.45	1 U	1 U	1 U	**45.5**
	01/18/2007	1 U	1 U	--	1 U	1.77	2 U	--	20 U	1.32	1 U	1 U	1 U	4.22	1 U	1 U	1 U	**24.9**
	08/10/2007	1 U	1 U	--	1 U	1.43	2 U	--	20 U	1 U	1 U	1 U	1 U	6.78	1 U	1 U	1 U	**41.6**
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.22	1 U	1 U	1 U	**22.4**
	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.59	1 U	1 U	1 U	**23.7**
	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	3.24	1 U	1 U	1 U	**24.0**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.54	1 U	1 U	1 U	**26.6**
	08/17/2009	1 U	1 U	--	1 U	1.25	2 U	--	20 U	35.7	1 U	1.35	1 U	3.10	1 U	1 U	1 U	**13.6**
	01/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.76	1 U	1 U	1 U	1 U	--	1 U	1 U	**10.9**
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.40**
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	0.5 U	26	--	2 U	6.6	9.5	--	2 U	46	2.2	8.3	34	2 U	--	0.5 U	2 U	0.5 U
	01/23/2004	0.50 U	23	--	2.0 U	5.8	8.6	--	2.0 U	31	3	8.9	31	2.2	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	23	--	2.0 U	5.6	8.7	--	2.0 U	30	2.5	9.1	30	2.2	0.50 U	0.50 U	2.0 U	0.50 U
	07/30/2004	0.50 U	23	--	2.0 U	5.4	8.1	--	2.0 U	28	2.6	8.9	30	2.1	0.50 U	0.50 U	2.0 U	0.50 U
	10/26/2004	0.50 U	19	--	2.0 U	5.5	5.5	--	2.0 U	13	2.7	7.5	24	2.0	0.50 U	0.50 U	2.0 U	0.50 U
	01/25/2005	1 U	18.1	--	1 U	5.1	5.56	--	1 U	15.8	1 U	6.5	23	1.93	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	19.9	--	10 UJ	10 UJ	20 UJ	--	10 UJ	18.6	10 UJ	10 UJ	21.4	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1 U	27.3	--	1 U	5.16	5.35	--	20 U	10.2	1.77	6.62	41.0	1.59	1 U	1 U	1 U	1 U
	08/10/2006	1 U	18.4	--	1 U	2.06	2 U	--	20 U	5.14	1.40	3.26	26.8	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	18.8	--	1 U	4.23	2.59	--	20 U	3.33	1.69	5.87	21.7	1.50	1 U	1 U	1 U	1 U
	08/16/2007	1 U	9.04	--	1 U	4.47	2.40	--	20 U	1.67	1.82	7.20	19.7	1.64	1 U	1 U	1 U	1 U
	01/22/2008	1 U	6.27	--	1 U	3.34	2 U	--	20 U	1.99	1.32	6.16	16.9	1.48	1 U	1 U	1 U	1 U
	08/19/2008	1 U	5.02	--	1 U	3.22	2 U	--	20 U	2.17	1.47	4.20	17.3	1.34	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1.98	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	2.93	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1.88	--	1 U	3.04	2 U	--	20 U	1 U	2.28	2.08	4.54	2.48	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1.27	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	2.96	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1.07	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	3.27	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1.33	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1.23	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1.05	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-17	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	4.68	--	1 U	1 U	5.09	--	20 U	5.75	1 U	1 U	1.44	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	5.21	--	1 U	1 U	2 U	--	20 U	**398**	1 U	1 U	2.17	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	50 U	**1100**	--	200 U	200 U	720	--	200 U	**18000**	200 U	200 U	390	200 U	50 U	**130**	200 U	50 U
	07/25/2005	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	2000 UJ	--	1000 UJ	**4160**	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	**995**	--	1 U	34.4	714	--	20 U	**17300**	1.93	11.9	469	2.72	1 U	**186**	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1 U	**800**	--	1 U	29.7	546	--	20 U	**4060**	4.16	17.1	299	3.98	1 U	**125**	1 U	**3.02**
	08/15/2007	1 U	**909**	--	1 U	35.6	605	--	20 U	**8780**	3.62	24.5	345	4.66	1 U	**93.3**	1 U	**1.78**
	01/18/2008	1 U	**941**	--	1 U	35.8	676	--	20 U	**17000**	3.03	12.8	402	3.00	1 U	**100**	1 U	**2.15**
MW-21	08/08/2002	25 U	170	--	100 U	100 U	130	--	100 U	**7400**	100 U	100 U	250	100 U	--	25 U	100 U	**34**
	05/06/2004	10 U	84	--	40 U	44	44	--	40 U	**3000**	40 U	40 U	110	40 U	10 U	10 U	40 U	10 U
	07/30/2004	0.50 U	43	--	2.0 U	44	33	--	2.0 U	**1500**	4.6	17	56	11	0.50 U	0.50 U	2	**3**
	10/26/2004	2.5 U	69	--	10 U	41	39	--	10 U	**1000**	10 U	14	92	10 U	2.5 U	2.5 U	10 U	2.5 U
	01/25/2005	100 U	110	--	100 U	100 U	200 U	--	100 U	**1290**	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	500 UJ	500 UJ	--	500 UJ	500 UJ	1000 UJ	--	500 UJ	**1160**	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	11.0	--	1 U	17.5	5.88	--	20 U	**620**	2.11	5.43	15.1	4.98	1 U	1 U	1.04	1 U
	08/10/2006	1 U	1 U	--	1 U	3.63	2 U	--	20 U	1.36	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1.08	--	1 U	3.37	2 U	--	20 U	1 U	1 U	1 U	1 U	4.57	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	--	1 U	2.79	2 U	--	20 U	1 U	1 U	1 U	1 U	2.78	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	2.78	2 U	--	20 U	1 U	1 U	1 U	1 U	2.34	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	49.0	--	1 U	25.5	79.7	--	1 U	107	1 U	11.2	62.2	9.69	1 U	1.36	1 U	1 U
	01/21/2011	1 U	1.81	--	1 U	1 U	2 U	--	20 U	24.6	1 U	1 U	1.83	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-23	08/06/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/03/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	07/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.1	0.50 U	0.50 U	2.0 U	0.50 U
	10/19/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1.76	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.26	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.10**
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.05	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/30/2011	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	4	--	0.50 U	2.0 U	**0.74**
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.4	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.1	0.50 U	0.50 U	2.0 U	**0.54**
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.4	0.50 U	0.50 U	2.0 U	**0.53**
	01/26/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.14	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-26	01/26/2004	50 U	**1200**	--	200 U	200 U	680	--	200 U	**20000**	200 U	200 U	390	200 U	--	50 U	200 U	50 U
	05/05/2004	25 U	**1200**	--	100 U	100 U	690	--	100 U	**17000**	100 U	100 U	400	100 U	25 U	**34**	100 U	25 U
	07/29/2004	25 U	**1200**	--	100 U	100 U	730	--	100 U	**14000**	100 U	100 U	430	100 U	25 U	**75**	100 U	25 U
	10/25/2004	25 U	**1300**	--	100 U	100 U	790	--	100 U	**16000**	100 U	100 U	460	100 U	25 U	**61**	100 U	25 U
	01/24/2005	1000 U	**1250**	--	1000 U	1000 U	2000 U	--	1000 U	**16300**	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	--	1000 UJ	1000 UJ	2000 UJ	--	1000 UJ	**3740**	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	1 U	**926**	--	1 U	60.9	508	--	20 U	**15800**	1 U	13.8	352	3.00	1 U	**9.27**	1 U	1 U
	08/08/2006	1 U	**1090**	--	1 U	64.5	584	--	20 U	**16800**	1 U	25.4	333	3.79	1 U	**14.8**	1 U	1 U
	01/24/2007	1 U	**837**	--	1 U	48.4	475	--	20 U	**2770**	4.03	14.7	270	3.61	1 U	**13.7**	1 U	**2.38**
	08/15/2007	1 U	**1100**	--	1 U	55.5	743	--	20 U	**10200**	3.78	22.6	435	4.35	1 U	**81.2**	1 U	**1.91**
	01/18/2008	1 U	**1100**	--	1 U	57.9	703	--	20 U	**10300**	3.40	12.8	429	3.03	1 U	**25.2**	1 U	**1.47**
	08/15/2008	1 U	**842**	--	1 U	51.4	814	--	20 U	**15300**	6.47	21.8	537	5.89	1 U	**127**	1 U	**3.46**
	01/28/2009	1 U	**1480**	--	1 U	59.1	1040	--	20 U	**17800**	1 U	18.0	572	3.92	1 U	**49.4**	1 U	**1.65**
	08/18/2009	1 U	**1320**	--	1 U	50.8	874	--	20 U	**16900**	1 U	20.9	496	5.82	1 U	**14.9**	1 U	**1.32**
	01/25/2010	1 U	**1440**	--	1 U	52.6	909	--	1 U	**12300**	1 U	20.4	543	1 U	--	**31.5**	1 U	**1.34**
	08/16/2010	1 U	**1120**	--	1 U	58.3	706	--	1 U	**17200**	3.53	19.3	433	4.07	1 U	**9.51**	1 U	**1.17**
	01/20/2011	1 U	**1090**	--	1 U	45.7	895	--	20 U	**28100**	6.17	26.6	549	4.4	1 U	**91.6**	1 U	**2.01**
	08/30/2011	1 U	**1380**	--	1 U	50.3	1060	--	20 U	**16000**	1 U	15.6	615	3.83	1 U	**89.4**	1 U	**1.69**
	01/23/2012	1 U	744	--	1 U	38.8	565	--	20 U	**11100**	1 U	22.9	311	2.47	1 U	**86.3**	1 U	**1.85**
MW-27	01/26/2004	5.0 U	200	--	20 U	20 U	11	--	20 U	**1800**	20 U	20 U	24	20 U	--	5.0 U	20 U	5.0 U
	05/07/2004	2.5 U	160	--	10 U	17	9.6	--	10 U	**1400**	270 U	10 U	18	10 U	2.5 U	2.5 U	10 U	2.5 U
	07/29/2004	2.5 U	280	--	10 U	20	22	--	10 U	**1400**	10 U	10 U	29	10 U	2.5 U	2.5 U	10 U	2.5 U
	10/20/2004	2.5 U	220	--	10 U	23	11	--	10 U	**1800**	10 U	10 U	25	10 U	2.5 U	2.5 U	10 U	2.5 U
	01/21/2005	1 U	2.36	--	1 U	1 U	2 U	--	1 U	14.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	163	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**1640**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	1 U	141	--	1 U	23.8	3.94	--	20 U	**1810**	1 U	4.72	16.2	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	162	--	1 U	21.5	2 U	--	20 U	**905**	1 U	3.57	16.3	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	129	--	1 U	17.1	4.62	--	20 U	**478**	1 U	4.14	13.3	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	86.7	--	1 U	18.3	2.95	--	20 U	**705**	1 U	5.84	9.67	1.13	1 U	1 U	1 U	1 U
	01/17/2008	1 U	135	--	1 U	23.1	5.41	--	20 U	**694**	1 U	6.63	13.9	1.15	1 U	1 U	1 U	1 U
	08/15/2008	1 U	74.0	--	1 U	24.6	6.13	--	20 U	**1320**	1 U	7.01	10.8	1.72	1 U	1 U	1 U	1 U
	01/22/2010	1 U	98	--	1 U	22.4	3.14	--	20 U	**1730**	1 U	7.57	7.31	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	57.2	--	1 U	20.5	2 U	--	20 U	**1040**	1 U	5.71	4.88	1.09	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-38	08/07/2002	0.5 U	0.5 U	--	2 U	4.5	0.56	--	2 U	21	2 U	2 U	1.3	8.5	--	0.5 U	2 U	**4.9**
dup	08/07/2002	0.5 U	0.5 U	--	2 U	4.4	0.62	--	2 U	33	2 U	2 U	1.5	9.2	--	0.5 U	2 U	**4.6**
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	12	--	0.50 U	2.2	**7.3**
dup	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	12	--	0.50 U	2.2	**7.3**
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
dup	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
dup	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	78	2.0 U	2.0 U	0.50 U	9.9	0.50 U	0.50 U	2.0 U	**0.75**
dup	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	77	2.0 U	2.0 U	0.50 U	8.0	0.50 U	0.50 U	2.0 U	**0.63**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.65	1 U	1 U	1 U	**1.88**
dup	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	3.03	1 U	1 U	1 U	**2.01**
	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	147	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
dup	07/25/2005	10 UJ	10 UJ	--	10 UJ	10 UJ	20 UJ	--	10 UJ	**168**	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.73	1 U	1 U	1 U	1 U
dup	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.69	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.16	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.70	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-39	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	12	2 U	2 U	0.65	2 U	--	0.5 U	2 U	0.5 U
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
dup	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
dup	05/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
dup	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
dup	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**1100**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
dup	07/25/2005	100 UJ	100 UJ	--	100 UJ	100 UJ	200 UJ	--	100 UJ	**979**	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	114	1 U	1 U	1.38	1 U	1 U	1 U	1 U	1 U
dup	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	98.8	1 U	1 U	1.17	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.40	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.42	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	8.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-48S	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	5.65	1 U	1 U	3.26	1 U	--	1 U	1 U	1 U
	01/24/2011	1 U	5.75	--	1 U	1 U	4.91	--	20 U	**1010**	1.21 UJ	1 U	3.09	1 U	1 U	**2.33**	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	--	1 U	4.94	2 U	--	20 U	**220**	1 U	1 U	2.29	3.21	1 U	1 U	1 U	**13.4**
	10/03/2008	1 U	1 U	--	1 U	4.21	2 U	--	20 U	**1070**	1 U	1 U	1.93	1.65	1 U	1 U	1 U	**11.4**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	72.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**6.41**
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	81.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	99.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.78	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.54**
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	115	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	68.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	70.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-50S	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.47	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.29	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.12**
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-52D	08/14/2008	1 U	43.4	--	1 U	7.71	30.2	--	20 U	**1390**	1.81	2.63	21.1	3.51	1 U	1 U	1 U	**3.85**
	10/07/2008	1 U	3.15	--	1 U	1 U	2 U	--	20 U	**270**	1 U	1 U	1.15	1 U	1 U	1 U	1 U	**2.49**
	01/30/2009	1 U	1.31	--	1 U	1 U	2 U	--	20 U	60.0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.47**
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	52.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.29**
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	41.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.42**
	01/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.51	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	2.73	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.91	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.23	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-53S	08/14/2008	1 U	29.3	--	1 U	4.92	4.20	--	20 U	**979**	1 U	2.29	4.72	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	271	--	1 U	24.6	41.2	--	20 U	**21000**	3.47	19.1	23.5	4.24	1 U	1 U	1 U	1 U
	01/28/2009	1 U	139	--	1 U	26.0	36.6	--	20 U	**10400**	3.16	14.4	20.9	3.59	1 U	1 U	1 U	1 U
	04/10/2009	1 U	95.4	--	1 U	14.2	17.4	--	20 U	**10600**	1 U	8.20	11.0	2.01	1 U	**2.08**	1 U	1 U
	08/18/2009	1 U	61.0	--	1 U	7.49	17.4	--	20 U	**2960**	1 U	4.06	13.2	1.14	1 U	1 U	1 U	1 U
	01/20/2010	1 U	178	--	1 U	26.5	50.4	--	1 U	**9630**	1 U	19.6	31.5	4.27	--	1.31	1 U	1 U
	08/16/2010	1 U	159	--	1 U	24.4	39.2	--	1 U	**15500**	1 U	16.9	23.1	4.61	1 U	1 U	1.24	1 U
	01/18/2011	1 U	174	--	1 U	28.6	53.3	--	20 U	**26300**	4.83	20.7	25.8	3.88	1 U	**2.85**	1 U	1 U
	08/11/2011	1 U	132	--	1 U	22	29.1	--	20 U	**24200**	1 U	14.4	16.5	4.29	1 U	1 U	1.19	1 U
	01/17/2012	1 U	91.7	--	1 U	19.1	20	--	20 U	**17600**	2.12	12.1	13.9	3.35	1 U	1 U	1 U	1 U
MW-53D	08/14/2008	1 U	1.18	--	1 U	1.43	2 U	--	20 U	76.8	1 U	1 U	1.39	4.89	1 U	1 U	1 U	**15.8**
	10/07/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.48**
	01/28/2009	1 U	1 U	--	1 U	1.23	2 U	--	20 U	60.2	1 U	1 U	1 U	1.25	1 U	1 U	1 U	**10.1**
	04/10/2009	1 U	1 U	--	1 U	1.22	2 U	--	20 U	**182**	1 U	1 U	1 U	1.62	1 U	1 U	1 U	**4.38**
	08/17/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.42**
	01/20/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	10.0	1 U	1 U	1 U	1 U	--	1 U	1 U	**2.37**
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-55S	08/20/2010	1 U	19.7	--	1 U	13.9	2 U	--	20 U	**2490**	7.23	10.8	5.54	9.03	1 U	1 U	5.47	1 U
	01/14/2011	1 U	24.5	--	1 U	18.4	4.73	--	20 U	**1900**	1 U	13.2	5.49	8.1	1 U	1 U	3.68	1 U
	08/08/2011	1 U	24.3	--	1 U	16	2.93	--	20 U	**938**	1 U	10.1	4.51	7.97	1 U	1 U	3.05	1 U
	01/12/2012	1 U	20.7	--	1 U	19.7	3.27	--	20 U	**718**	1 U	11.5	5.58	9.13	1 U	1 U	3.6	1 U
	08/13/2013	1 U	9.15	--	1 U	9.6	2 U	--	20 U	134	3.29	6.45	1.41	5.02	1 U	1 U	1.33	1 U
	01/24/2014	1 U	9.87	1 U	1 U	14.8	2 U	1 U	20 U	**176**	6.25	6.41	1.56	7.69	--	1 U	2.29	1 U
	07/23/2014	1 U	9.13	1 U	1 U	14.7	2 U	1 U	20 U	115	7.11	8.16	1.34	7.5	--	1 U	2.29	1 U
	01/15/2015	1 U	7.52	1 U	1 U	10.6	2 U	1 U	20 U	**310**	5.39	10	1.24	6.12	--	1 U	2.65	1 U
	08/11/2016	1 U	10.6	1 U	1 U	10.2	2 U	1 U	20 U	**179**	4.73	7.99	1.72	5.18	--	1 U	1.77	1 U
	01/09/2018	1 U	11.8	1 U	1 U	15.8	2.12	1 U	50 U	121	7	12.6	2.03	8.08	--	1 U	3.2	1 U
	01/16/2020	1 U	14.8	1 U	1 U	16.7	2 U	1 U	50 U	**414**	5.97	9.62	2.46	7.53	--	1 U	2.84	1 U
MW-55D	09/07/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.98**
	08/08/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**7.2**
	01/12/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**14.7**
	08/13/2013	1 U	1 U	--	1 U	1.21	2 U	--	20 U	1.59	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**7.2**
	01/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**3.34**
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	2.3	1 U	1 U	1 U	1 U	--	1 U	1 U	**4.22**
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	26	1 U	1 U	1 U	1 U	--	1 U	1 U	**4.23**
	01/09/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.98	1 U	1 U	1 U	1 U	--	1 U	1 U	**5.43**
	01/16/2020	1 U	1 U	1 U	1 U	1.66	2 U	1 U	50 U	14.7	1 U	1 U	1.6	1 U	--	1 U	1 U	**1.83**
MW-57S	08/15/2008	1 U	222	--	1 U	32	223	--	20 U	**17700**	7.83	33	153	9.75	1 U	1 U	2.44	1 U
	10/06/2008	1 U	284	--	1 U	26	275	--	20 U	**27200**	7.6	34.7	156	8.4	1 U	1 U	1.73	1 U
	01/27/2009	1 U	250	--	1 U	26.6	218	--	20 U	**17000**	6.11	28.6	145	7.31	1 U	1 U	1.8	1 U
	04/07/2009	1 U	171	--	1 U	32.4	279	--	20 U	**11100**	5.33	30	69.4	6.71	1 U	1 U	1.63	1 U
	08/06/2009	1 U	238	--	1 U	23.8	163	--	20 U	**13100**	7.03	27.5	115	8.87	1 U	1 U	4.59	1 U
	01/13/2010	1 U	135	--	1 U	24.2	147	--	1 U	**16300**	6.32	30.8	119	7.12	--	1 U	1.25	1 U
	08/12/2010	1 U	228	--	1 U	31.1	202	--	1 U	**16600**	1 U	32.9	144	8.63	1 U	1 U	1 U	1 U
	01/14/2011	1 U	340	--	1 U	35	241	--	20 U	**22800**	1 U	37.4	161	8.1	1 U	1 U	2.46	1 U
	08/25/2011	1 U	164	--	1 U	30.2	190	--	20 U	**18700**	1 U	35	136	8.46	1 U	1 U	2.74	1 U
	01/11/2012	1 U	203	--	1 U	31	191	--	20 U	**19200**	1 U	32.7	143	7.92	1 U	1 U	2.74	1 U
	08/13/2013	1 U	85	--	1 U	17.4	43.3	--	20 U	**1640**	27.7	23.8	64.1	9.73	1 U	1 U	1.37	1 U
	01/22/2014	1 U	132	1 U	1 U	25.4	143	1 U	20 U	**20800**	6.6	24.4	110	7.26	--	1 U	1.52	1 U
	07/23/2014	1 U	166	1 U	1 U	26	155	1 U	20 U	**11800**	6.17	24.6	116	7.14	--	1 U	1.64	1 U
	01/14/2015	1 U	176	1 U	1 U	18.4	122	1 U	20 U	**19900**	5.51	31.2	82.5	6.37	--	1 U	2	1 U
	08/12/2016	1 U	101	1 U	1 U	13.4	88	1 U	20 U	**13800**	3.34	14.8	67.4	4.62	--	1 U	1	1 U
	01/09/2018	1 U	178	1 U	1 U	26.7	143	1 U	50 U	**23300**	10.9	33.6	98.3	9.64	--	1 U	2.81	1 U
	01/15/2020	1 U	188	1 U	1 U	25.2	150	1 U	50 U	**19600**	8.29	26.6	113	7.36	--	1 U	1.77	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-57D	08/14/2008	1 U	1 U	--	1 U	7.33	2 U	--	20 U	141 B	1 U	1 U	12.5	9.25	1 U	1 U	1.21	**102**
	10/06/2008	1 U	1 U	--	1 U	3.93	2 U	--	20 U	77.3	1 U	1 U	9.48	5.8	1 U	1 U	1 U	**117 B**
dup	10/06/2008	1 U	1 U	--	1 U	4	2 U	--	20 U	118	1 U	1 U	10.7	4.79	1 U	1 U	1 U	**104 B**
	01/27/2009	1 U	1 U	--	1 U	3.54	2 U	--	20 U	98.8	1 U	1 U	10.7	4.94	1 U	1 U	1 U	**76.9**
dup	01/27/2009	1 U	1 U	--	1 U	3.85	2 U	--	20 U	104	1 U	1 U	11.6	5.15	1 U	1 U	1 U	**75.2**
	04/07/2009	1 U	1 U	--	1 U	3.52	2 U	--	20 U	51.6	1 U	1 U	9.04	3.85	1 U	1 U	1 U	**76.6**
dup	04/07/2009	1 U	1 U	--	1 U	4.04	2 U	--	20 U	66.3	1 U	1 U	12.7	4.66	1 U	1 U	1 U	**77.4**
	08/06/2009	1 U	1.02	--	1 U	4.94	2 U	--	20 U	94.1	2.36	1.99	9.32	5.75	1 U	1 U	3.21	**82.0**
	01/13/2010	1 U	1 U	--	1 U	3.98	2 U	--	1 U	96.4	1 U	1 U	13.2	6.6	--	1 U	1 U	**97.6**
dup	01/13/2010	1 U	1 U	--	1 U	3.75	2 U	--	1 U	131	1 U	1 U	12.7	6.17	--	1 U	1 U	**91.1**
	08/12/2010	1 U	1 U	--	1 U	6.09	2 U	--	1 U	134	1 U	1 U	16.4	7.78	1 U	1 U	1.05	**98.3**
dup	08/12/2010	1 U	1 U	--	1 U	4.43	2 U	--	1 U	107	1 U	1 U	12.5	5.74	1 U	1 U	1 U	**71.0**
	01/14/2011	1 U	1 U	--	1 U	4.95	2 U	--	20 U	**161**	1 U	1 U	18.9	6.76	1 U	1 U	1.05	**103**
dup	01/14/2011	1 U	1 U	--	1 U	4.75	2 U	--	20 U	**177**	1 U	1 U	15.5	7.18	1 U	1 U	1.08	**113**
	08/25/2011	1 U	1 U	--	1 U	5.05	2 U	--	20 U	128	1 U	1 U	14	7.61	1 U	1 U	1.05	**87.4**
dup	08/25/2011	1 U	1 U	--	1 U	5.53	2 U	--	20 U	132	1 U	1 U	14.6	8.31	1 U	1 U	1.14	**93.5**
	01/11/2012	1 U	1 U	--	1 U	4.77	2 U	--	20 U	125	1 U	1 U	15.1	8.08	1 U	1 U	1 U	**97.0**
dup	01/11/2012	1 U	1 U	--	1 U	4.58	2 U	--	20 U	133	1 U	1 U	14.9	7.27	1 U	1 U	1 U	**90.7**
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	2.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.91	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	1 U	1 U	1 U	1 U	7.22	2 U	1 U	20 U	**302**	1 U	1 U	27.2	2.67	--	1 U	1 U	**42**
dup	01/22/2014	1 U	1 U	1 U	1 U	8.07	2 U	1 U	20 U	**288**	1 U	1 U	29	3.01	--	1 U	1 U	**44.8**
	07/23/2014	1 U	1 U	1 U	1 U	4.19	2 U	1 U	20 U	143	1 U	1 U	13.4	5.08	--	1 U	1 U	**65.6**
dup	07/23/2014	1 U	1 U	1 U	1 U	4.09	2 U	1 U	20 U	145	1 U	1 U	13.7	4.86	--	1 U	1 U	**66**
	01/14/2015	1 U	1 U	1 U	1 U	3.8	2 U	1 U	20 U	**175**	1 U	1 U	12	4.23	--	1 U	1 U	**53.3**
dup	01/14/2015	1 U	1 U	1 U	1 U	4.21	2 U	1 U	20 U	**177**	1 U	1 U	12.6	4.65	--	1 U	1 U	**55**
	08/12/2016	1 U	1 U	1 U	1 U	2.56	2 U	1 U	20 U	**203**	1 U	1 U	7.9	2.56	--	1 U	1 U	**31.6**
dup	08/12/2016	1 U	1 U	1 U	1 U	2.61	2 U	1 U	20 U	**194**	1 U	1 U	8.01	2.76	--	1 U	1 U	**31.1**
	01/09/2018	1 U	1 U	1 U	1 U	5.64	2 U	1 U	50 U	**213**	1 U	1.01	13.3	5.35	--	1 U	1 U	**29.2**
dup	01/09/2018	1 U	1 U	1 U	1 U	5.17	2 U	1 U	50 U	**240**	1 U	1.12	12.8	5.11	--	1 U	1 U	**26.8**
	01/15/2020	1 U	1 U	1 U	1 U	7.04	2 U	1 U	50 U	**254**	1 U	1.03	17.5	3.79	--	1 U	1 U	**50.8**
dup	01/15/2020	1 U	1 U	1 U	1 U	7.21	2 U	1 U	50 U	**225**	1 U	1.13	18	3.92	--	1 U	1 U	**51.7**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-58D	08/13/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1.02	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1.02	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
EPA-5S	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.51
	01/23/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.60
	01/23/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.48
	04/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.57
	01/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1.72
	08/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.33

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
EPA-6S	08/18/2008	1 U	1 U	--	1 U	2.97	2 U	--	20 U	2.56	1.48	2.15	1 U	1.27	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	--	1 U	2.63	2 U	--	20 U	4.23	1.73	2.57	1 U	1.39	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	2.55	2 U	--	20 U	1.05	1.26	1.94	1 U	1.16	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	--	1 U	4.12	2 U	--	20 U	1.12	1.44	2.53	1 U	1.80	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1.20	--	1 U	4.28	2 U	--	20 U	1 U	2.95	3.18	3.07	2.95	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	--	1 U	4.70	2 U	--	1 U	1.63	1 U	3.36	1 U	1.81	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	7.37	2 U	--	20 U	10.1	1 U	3.69	1.53	2.9	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	5.42	2 U	--	20 U	1.72	2.25	2.49	1.12	1 U	1 U	1 U	1 U	1 U
dup	01/19/2011	1 U	1 U	--	1 U	5.3	2 U	--	20 U	1.74	2.22	2.36	1.13	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	--	1 U	1.82	2 U	--	20 U	1.51	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	--	1 U	2.49	2 U	--	20 U	2.11 J	1 U	1 U	1 U	1.26	1 U	1 U	1 U	1 U
EPA-6D	08/18/2008	1 U	11.9	--	1 U	16.6	2.15	--	20 U	121	1 U	3.78	3.60	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	3.68	--	1 U	15.7	2 U	--	20 U	**168**	1 U	4.43	1.58	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	4.62	--	1 U	19.6	2 U	--	20 U	114	1 U	4.57	1.62	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	4.04	--	1 U	15.0	2 U	--	20 U	123	1 U	4.25	1.27	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	2.35	--	1 U	9.56	2 U	--	20 U	42.9	1 U	3.64	3.22	2.36	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	2.89	--	1 U	21	2.12	--	20 U	**196**	1 U	8.15	3.62	1.89	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1.7	--	1 U	21.9	2 U	--	20 U	69.4	1 U	7.38	2.76	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1.4	--	1 U	16.8	2 U	--	20 U	53.2	1 U	6.51	1.16	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1.27	--	1 U	14.6	2 U	--	20 U	122	1 U	5.27	1.75	1.14	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
RNWR Monitoring Wells (UWBZ)																		
MW-30	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.5 U
USDFW-1	10/24/2003	0.50 U	8.5	--	2.0 U	15	2.4	--	2.0 U	**170**	2.0 U	2.0 U	15	4.8	--	0.50 U	2.0 U	**1.1**
	05/04/2004	0.50 U	5.2	--	2.0 U	12	1	--	2.0 U	95	2.0 U	2.0 U	9.3	4.7	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	3.1	--	2.0 U	5.8	0.50 U	--	2.0 U	37	2.0 U	2.0 U	2.9	4.1	0.50 U	0.50 U	2.0 U	**1.1**
	10/25/2004	0.50 U	3.4	--	2.0 U	6.6	0.62	--	2.0 U	50	2.0 U	2.0 U	4.2	2.8	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	3.02	--	1 U	4.51	2 U	--	1 U	31.8	1 U	1 U	3.03	1.93	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1.01	--	1 U	1.2	2 U	--	1 U	4.68	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	8.74	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
USDFW-3	10/24/2003	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	05/04/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/13/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/01/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
Cell 1 (LWBZ)																		
MW-40	08/08/2002	1.3 U	7.8	--	5 U	5 U	15	--	5 U	**690**	5 U	5 U	8.5	5 U	--	**2.6**	5 U	2.5
	01/23/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.77	--	2.0 U	91	2.0 U	2.0 U	2	2.1	--	0.50 U	2.0 U	1.6
	04/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	24	2.0 U	2.0 U	0.96	2.0 U	0.50 U	0.50 U	2.0 U	1.1
	08/11/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	31	2.0 U	2.0 U	0.85	2.0 U	0.50 U	0.50 U	2.0 U	0.91
	10/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	18	2.0 U	2.0 U	0.76	2.0 U	0.50 U	0.50 U	2.0 U	1.0
	01/27/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	15	1 U	1 U	1.63	1.01	1 U	1 U	1 U	1 U
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	3.09	1 U	1 U	1 U	1.06	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	1.2
	01/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	1.8
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	1.4
	08/12/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	1.4
	11/08/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	2.5
	01/27/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.18
	07/20/2005	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.35	1 U	1 U	1 U	**5.56**
	08/08/2006	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	--	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
Cell 2 Monitoring Wells (LWBZ)																		
MW-22	08/08/2002	0.5 U	0.5 U	--	2 U	2.7	1.2	--	2 U	**310**	2 U	2 U	20	3.4	--	0.72	2 U	**12**
	01/23/2004	0.50 U	0.50 U	--	2.0 U	16	0.50 U	--	2.0 U	4.3	2.0 U	2.0 U	2.8	6.1	--	0.50 U	2.0 U	**11**
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.6	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	6.4	6.9	0.50 U	0.50 U	2.0 U	**11**
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.69	5.8	0.50 U	0.50 U	2.0 U	**9.6**
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	4.4	0.50 U	0.50 U	2.0 U	**8.4**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	5.05	1 U	1 U	1.05	**6.89**
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.2	1 UJ	1 UJ	1 UJ	3.46
	01/25/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	4.15	1 U	1 U	1 U	3.42
	08/10/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1.83
	08/16/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	3.12	1 U	1 U	1 U	1.54
	01/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	2.13	1 U	1 U	1 U	1.97
MW-33	08/07/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	4.5
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.9	--	0.50 U	2.0 U	4.8
	04/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.9	0.50 U	0.50 U	2.0 U	3.9
	07/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	3.9
	10/19/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.2	0.50 U	0.50 U	2.0 U	4.6
	01/20/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	2.19	1 U	1 U	1 U	3.48
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.45	1 UJ	1 UJ	1 UJ	3.08
	01/20/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
	08/09/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.99
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1.83
	08/11/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.81
	01/11/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.83
	08/09/2011	1 U	**1 U**	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.03
MW-34	08/08/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	**12**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	**16**
	04/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**12**
	07/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**15**
	10/20/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**16**
	01/21/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**15.3**
	07/20/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	**12.7**
	01/23/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**12.2**
	08/07/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**8.72**
	01/18/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	7.88	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**9.47**
	01/16/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**10.5**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-35	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	3.3	--	0.5 U	2 U	**32**
dup	08/13/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	3.1	--	0.5 U	2 U	**31**
	01/21/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	3.1	--	0.50 U	2.0 U	**42**
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.8	0.50 U	0.50 U	2.0 U	**33**
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	3.1	0.50 U	0.50 U	2.0 U	**39**
	10/25/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.9	2.0 U	2.0 U	0.50 U	3.0	0.50 U	0.50 U	2.0 U	**43**
	01/24/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.52	1 U	1 U	1 U	3.88	1 U	1 U	1 U	**44.3**
	07/20/2005	5 UJ	5 UJ	--	5 UJ	5 UJ	10 UJ	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**33.2**
	01/24/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.12	1 U	1 U	1 U	2.08	1 U	1 U	1 U	**32.1**
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	3.42	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**31.6**
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1.47	1 U	1 U	1 U	**19.3**
	08/14/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**9.68**
	01/18/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.86	1 U	1 U	1.01	2.98	1 U	1 U	1 U	**29.8**
	08/14/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	11.3	1 U	1 U	1.13	2.94	1 U	1 U	1 U	**32.9**
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.49	1 U	1 U	1 U	1.44	1 U	1 U	1 U	**16.4**
	08/18/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	13.6	1 U	1 U	1 U	2.42	1 U	1 U	1 U	**24.4**
	01/22/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	6.49	1 U	1 U	1 U	1.91	--	1 U	1 U	**23.9**
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	9.76	1 U	1 U	1.23	2.76	1 U	1 U	1 U	**19.4**
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	4.38	1.16	1 U	1 U	1 U	1 U	1 U	1 U	**20**
	08/29/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	12.3	1 U	1 U	1 U	1.89	1 U	1 U	1 U	**16.1**
	01/18/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**13.7**
MW-36	08/07/2002	0.5 U	0.5 U	--	2 U	2.9	0.5 U	--	2 U	110	2 U	2 U	5.5	2 U	--	0.5 U	2 U	3.8
	01/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	7.9	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.93
	04/28/2004	0.50 U	0.50 U	--	2.0 U	2.6	0.50 U	--	2.0 U	4	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	4.5
	07/30/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	4.9
	10/26/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.3	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	**5.5**
	01/25/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1.47	1 U	1 U	1 U	1.41	1 U	1 U	1 U	3.97
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.09	1 UJ	1 UJ	1 UJ	3.13
	01/25/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.01
	08/08/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.83
	08/15/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/16/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.01
	01/21/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-37	08/12/2002	0.5 U	0.5 U	--	2 U	2 U	0.5 U	--	2 U	2 U	2 U	2 U	0.5 U	2 U	--	0.5 U	2 U	0.51
	01/27/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	--	0.50 U	2.0 U	0.50 U
	04/29/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	08/06/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	10/22/2004	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	2.0 U	0.50 U
	01/26/2005	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/17/2007	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.90	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-54	08/12/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-55	08/14/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.91**
	10/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**6.04**
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.81**
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.55**
	08/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.4**
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**3.75**
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**5.16**
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4.79**
	08/08/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.91**
	01/12/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**3.94**
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2.2**
	01/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**2.26**
	07/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.94**
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**1.8**
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	14.1	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
MW-56	08/21/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1.98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	2.56	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW59	08/19/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	3.53	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/13/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
RNWR Monitoring Wells (LWBZ)																		
MW-60	09/03/2008	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	--	1 U	2 U	1 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/25/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl tert-butyl ether	Methylene chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene	sec-Dichloro-propane	Styrene	tert-Butyl-benzene	Tetrachloro-ethene
MTCA Method B Groundwater VI Level		9.9	2800	NV	0.81	720	310[a]	600	94	170	NV	NV	440	NV	NV	78	NV	1
MTCA Method B Groundwater Cleanup Level		1600	800	240000	0.56	800	1600	NV	5.8	160	NV	NV	1600	NV	NV	1.5	NV	0.081
MW-61	09/03/2010	1 U	1 U	--	1 U	1 U	2 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	3.45	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	--	1 U	0.3 U	1 U	--	20 U	1 U	0.5 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
	08/14/2013	1 U	1 U	--	1 U	1 U	2 U	--	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1.67	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	2.5	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	2 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	**5.26**
	01/16/2020	1 U	1 U	1 U	1 U	1 U	2 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
Cell 2 Monitoring Wells (UWBZ)							
MW-7	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.64	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/09/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/26/2005	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	4.48	1 U	1 U	1 U	1 U	1 U
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	09/05/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/04/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-8S	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-42	08/12/2002	260	50 U	50 U	50 U	50 U	50 U
	01/23/2004	43	13 U	13 U	13 U	13 U	13 U
	04/30/2004	96	25 U	25 U	25 U	25 U	25 U
	08/10/2004	150	25 U	25 U	25 U	25 U	25 U
	10/27/2004	130	25 U	25 U	25 U	25 U	25 U
	01/26/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	1.58	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-43	08/12/2002	140	50 U	50 U	50 U	50 U	50 U
	01/23/2004	26	13 U	13 U	13 U	13 U	13 U
	08/11/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	10/27/2004	9.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	2.34	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	82	25 U	25 U	25 U	25 U	25 U
	01/23/2004	130	13 U	13 U	13 U	13 U	13 U
	04/29/2004	73	25 U	25 U	25 U	25 U	25 U
	08/11/2004	87	25 U	25 U	25 U	25 U	25 U
	10/29/2004	50 U	50 U	50 U	50 U	50 U	50 U
	01/27/2005	500 U	500 U	500 U	500 U	500 U	500 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	7.55	1 U	1 U	**7.6**	1 U	**3.26**
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/01/2010	NS	NS	NS	NS	NS	NS
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1.81	1 U	1 U	1 U	1 U	1 U
E-4	07/12/2007	1 U	1 U	1 U	1 U	1 U	1 U
	09/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	02/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2009	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
EPA-4S	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-4D	09/03/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/16/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/01/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
Cell 2 (UWBZ)							
MW-4	05/07/2004	0.9	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-5	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/07/2004	0.93	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1.32	1 U	1 U	1 U	1 U	1 U
	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
PZ-06	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/01/2010	NS	NS	NS	NS	NS	NS
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-10	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-13	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/05/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	4.19	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1.37	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-14	08/08/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-15	08/08/2002	0.68	2.1	0.5 U	**35**	0.5 U	**9.6**
	01/21/2004	1.3	2.1	0.50 U	**37**	0.50 U	**9.7**
	05/05/2004	0.86	2.1	0.50 U	**35**	0.50 U	**9.7**
	07/28/2004	0.50 U	1.5	0.50 U	**24**	0.50 U	**5.7**
	10/20/2004	0.50 U	1.6	0.50 U	**27**	0.50 U	**7.9**
	01/21/2005	1 U	1 U	1 U	**4.64**	1 U	**1.46**
	07/20/2005	5 UJ	5 UJ	5 UJ	**19.6**	5 UJ	**8.47**
	01/23/2006	1 U	1 U	1 U	**16.0**	1 U	**5.19**
	08/07/2006	1 U	1 U	1 U	**16.4**	1 U	**4.48**
	01/18/2007	1 U	1 U	1 U	**10.3**	1 U	**5.38**
	08/10/2007	1 U	1 U	1 U	**11.3**	1 U	**3.53**
	01/16/2008	1 U	1 U	1 U	**6.53**	1 U	**2.04**
	08/13/2008	1 U	1 U	1 U	**6.87**	1 U	**3.87**
	09/03/2008	1 U	1 U	1 U	**6.71**	1 U	**2.43**
	01/26/2009	1 U	1 U	1 U	**11.5**	1 U	**4.53**
	08/17/2009	1 U	1 U	1 U	**5.83**	1 U	**2.17**
	01/12/2010	1 U	1 U	1 U	**5.09**	1 U	**1.10**
	08/11/2010	1 U	1 U	1 U	**1.31**	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	**1.58**
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-16	08/07/2002	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2004	0.89	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/30/2004	0.7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/25/2006	1.36	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-17	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/30/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/24/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/24/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2008	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	07/29/2004	**990**	50 U	50 U	50 U	50 U	50 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	**676**	1 U	1 U	**2.85**	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/24/2007	543	1 U	1 U	1 U	1 U	1 U
	08/15/2007	623	1 U	1 U	**2.90**	1 U	1 U
	01/18/2008	624	1 U	1 U	**2.77**	1 U	1 U
MW-21	08/08/2002	25 U	25 U	25 U	25 U	25 U	25 U
	05/06/2004	10 U	10 U	10 U	10 U	10 U	10 U
	07/30/2004	1.4	0.82	0.50 U	**3.2**	0.50 U	**1**
	10/26/2004	3.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/25/2005	100 U	100 U	100 U	100 U	100 U	100 U
	07/25/2005	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ	500 UJ
	01/25/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	**1.34**	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	10.8	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-23	08/06/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/03/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	07/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/19/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.5 U	0.74	0.5 U	**1.1**	0.5 U	**1.2**
	01/27/2004	0.50 U	0.58	0.50 U	**1.3**	0.50 U	**1.4**
	04/29/2004	0.50 U	0.50 U	0.50 U	**0.74**	0.50 U	**0.56**
	08/06/2004	0.50 U	0.50 U	0.50 U	**0.78**	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	**0.79**	0.50 U	**0.51**
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-26	01/26/2004	190	50 U	50 U	50 U	50 U	50 U
	05/05/2004	250	25 U	25 U	25 U	25 U	25 U
	07/29/2004	320	25 U	25 U	25 U	25 U	25 U
	10/25/2004	290	25 U	25 U	25 U	25 U	25 U
	01/24/2005	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
	07/25/2005	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ	1000 UJ
	01/24/2006	125	1 U	1 U	**1.62**	1 U	**1.20**
	08/08/2006	178	1 U	1 U	1 U	1 U	**1.76**
	01/24/2007	151	1 U	1 U	**1.90**	1 U	**2.05**
	08/15/2007	358	1 U	1 U	**3.85**	1 U	**1.00**
	01/18/2008	226	1 U	1 U	**2.60**	1 U	**1.92**
	08/15/2008	412	1 U	1 U	**4.19**	1 U	1 U
	01/28/2009	352	1 U	1 U	**2.32**	1 U	**1.00**
	08/18/2009	285	1 U	1 U	**2.35**	1 U	**1.36**
	01/25/2010	334	1 U	1 U	**1.76**	1 U	**1.31**
	08/16/2010	291	1 U	1 U	**2.34**	1 U	**1.55**
	01/20/2011	420	1 U	1 U	**3.51**	1 U	1 U
	08/30/2011	487	1 U	1 U	**3.48**	1 U	**1.24**
	01/23/2012	283	1 U	1 U	**2.89**	1 U	1 U
MW-27	01/26/2004	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	05/07/2004	2.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	07/29/2004	3.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	10/20/2004	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	01/21/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/23/2006	2.01	1 U	1 U	1 U	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	2.73	1 U	1 U	1 U	1 U	1 U
	08/14/2007	1.66	1 U	1 U	1 U	1 U	1 U
	01/17/2008	2.04	1 U	1 U	1 U	1 U	1 U
	08/15/2008	1.81	1 U	1 U	1 U	1 U	1 U
	01/22/2010	1.68	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1.39	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-38	08/07/2002	0.5 U	0.81	0.5 U	**4.4**	0.5 U	**2.5**
dup	08/07/2002	0.5 U	0.69	0.5 U	**3.9**	0.5 U	**2.2**
	01/27/2004	0.50 U	1	0.50 U	**6.5**	0.50 U	**2.9**
dup	01/27/2004	0.50 U	0.98	0.50 U	**6.6**	0.50 U	**2.9**
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/29/2004	0.50 U	0.52	0.50 U	**1.3**	0.50 U	**1.4**
dup	10/29/2004	0.50 U	0.50 U	0.50 U	**1.1**	0.50 U	**1.2**
	01/25/2005	1 U	1 U	1 U	**1.65**	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	**1.67**	1 U	1 U
	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
dup	07/25/2005	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
	01/26/2006	1 U	1 U	1 U	**1.64**	1 U	**1.79**
dup	01/26/2006	1 U	1 U	1 U	**1.64**	1 U	**1.70**
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	**1.14**	1 U	1 U
dup	01/23/2008	1 U	1 U	1 U	**1.23**	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	**1.85**	1 U	1 U
dup	01/19/2012	1 U	1 U	1 U	**1.71**	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-39	08/07/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	05/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
dup	10/29/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
dup	07/25/2005	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/16/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
dup	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
dup	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-48S	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-49D	08/19/2008	1 U	1 U	1 U	**4.60**	1 U	**1.35**
	10/03/2008	1 U	1 U	1 U	**3.86**	1 U	**1.00**
	01/26/2009	1 U	1 U	1 U	**2.10**	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2010	1 U	1 U	1 U	**1.57**	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/23/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-50S	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-51D	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1 U	1 U	**1.43**
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1 U	1 U	**2.34**
	08/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-52D	08/14/2008	7.04	1 U	1 U	**2.43**	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/30/2009	1 U	1 U	1 U	**1.54**	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/18/2009	1 U	1 U	1 U	**1.90**	1 U	1 U
	01/25/2010	1 U	1 U	1 U	**1.27**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-53S	08/14/2008	1.34	1 U	1 U	1 U	1 U	1 U
	10/07/2008	8.50	1 U	1 U	1 U	1 U	1 U
	01/28/2009	6.95	1 U	1 U	1 U	1 U	1 U
	04/10/2009	4.99	1 U	1 U	1 U	1 U	1 U
	08/18/2009	5.35	1 U	1 U	1 U	1 U	1 U
	01/20/2010	9.06	1 U	1 U	1 U	1 U	1 U
	08/16/2010	8.90	1 U	1 U	1 U	1 U	1 U
	01/18/2011	8.71	1 U	1 U	1 U	1 U	1 U
	08/11/2011	4.09	1 U	1 U	1 U	1 U	1 U
	01/17/2012	3.01	1 U	1 U	1 U	1 U	1 U
MW-53D	08/14/2008	1 U	1 U	1 U	**7.38**	1 U	**2.68**
	10/07/2008	1 U	1 U	1 U	**2.50**	1 U	1 U
	01/28/2009	1 U	1 U	1 U	**4.10**	1 U	**1.08**
	04/10/2009	1 U	1.65	1 U	**1.83**	1 U	1 U
	08/17/2009	1 U	1 U	1 U	**2.67**	1 U	**1.04**
	01/20/2010	1 U	1 U	1 U	**2.89**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	**1.94**	1 U	1 U
	01/18/2011	1 U	1 U	1 U	**1.25**	1 U	1 U
	08/11/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-55S	08/20/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2018	1.09	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
MW-55D	09/07/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	**3.06**	1 U	1 U
	08/08/2011	1 U	1 U	1 U	**3.52**	1 U	1 U
	01/12/2012	1 U	1 U	1 U	**4.07**	1 U	1 U
	08/13/2013	1 U	1.36	1 U	**7.72**	1 U	1 U
	01/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/23/2014	1 U	1 U	1 U	**1.54**	1 U	1 U
	01/15/2015	1 U	1 U	1 U	**2.28**	1 U	1 U
	08/11/2016	1 U	1 U	1 U	**2.81**	1 U	1 U
	01/09/2018	1 U	1.04	1 U	**4.48**	1 U	**2.23**
	01/16/2020	1 U	1 U	1 U	1.17	1 U	**5.59**
MW-57S	08/15/2008	16.1	1 U	1 U	1 U	1 U	1 U
	10/06/2008	17.6	1 U	1 U	1 U	1 U	1 U
	01/27/2009	13.9	1 U	1 U	1 U	1 U	1 U
	04/07/2009	15.2	1 U	1 U	1 U	1 U	1 U
	08/06/2009	13.3	1 U	1 U	1 U	1 U	1 U
	01/13/2010	13.3	1 U	1 U	1 U	1 U	1 U
	08/12/2010	15	1 U	1 U	1 U	1 U	1 U
	01/14/2011	15.1	1 U	1 U	1 U	1 U	1 U
	08/25/2011	13.4	1 U	1 U	1 U	1 U	1 U
	01/11/2012	12.7	1 U	1 U	1 U	1 U	1 U
	08/13/2013	6.69	1 U	1 U	1 U	1 U	1 U
	01/22/2014	9.79	1 U	1 U	1 U	1 U	1 U
	07/23/2014	10.5	1 U	1 U	1 U	1 U	1 U
	01/14/2015	9.19	1 U	1 U	1 U	1 U	1 U
	08/12/2016	5.38	1 U	1 U	1 U	1 U	1 U
	01/09/2018	8.1	1 U	1 U	1 U	1 U	1 U
	01/15/2020	6.82	2.24	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-57D	08/14/2008	1 U	1.15	1 U	**13.5**	1 U	**3.89**
	10/06/2008	1 U	1 U	1 U	**13.6**	1 U	**3.41**
dup	10/06/2008	1 U	1 U	1 U	**12.4**	1 U	**5.07**
	01/27/2009	1 U	1 U	1 U	**11.4**	1 U	**4.42**
dup	01/27/2009	1 U	1 U	1 U	**11.7**	1 U	**4.29**
	04/07/2009	1 U	1 U	1 U	**13.5**	1 U	**4.38**
dup	04/07/2009	1 U	1 U	1 U	**14.1**	1 U	**4.65**
	08/06/2009	1 U	2.31	1 U	**11.7**	1 U	**1.52**
	01/13/2010	1 U	1 U	1 U	**14.4**	1 U	**5.6**
dup	01/13/2010	1 U	1 U	1 U	**13.3**	1 U	**6**
	08/12/2010	1 U	1.44	1 U	**16.6**	1 U	**4.2**
dup	08/12/2010	1 U	1.09	1 U	**12.8**	1 U	**3.26**
	01/14/2011	1 U	1.53	1 U	**14.2**	1 U	**3.52**
dup	01/14/2011	1 U	1.67	1 U	**14.5**	1 U	**3.73**
	08/25/2011	1 U	1.43	1 U	**14.2**	1 U	**4.55**
dup	08/25/2011	1 U	1.52	1 U	**14.5**	1 U	**5.03**
	01/11/2012	1 U	1.25	1 U	**12.6**	1 U	**7.61**
dup	01/11/2012	1 U	1.23	1 U	**11.8**	1 U	**3.53**
	08/13/2013	1 U	5.05	1 U	**2.33**	1 U	1 U
dup	08/13/2013	1 U	4.75	1 U	**2.09**	1 U	1 U
	01/22/2014	1 U	1 U	1 U	**7.13**	1 U	**1.55**
dup	01/22/2014	1 U	1.12	1 U	**7.64**	1 U	**2.04**
	07/23/2014	1 U	1 U	1 U	**11.8**	1 U	1 U
dup	07/23/2014	1 U	1	1 U	**12.1**	1 U	1 U
	01/14/2015	1 U	1.07	1 U	**9.31**	1 U	**1.78**
dup	01/14/2015	1 U	1.19	1 U	**10**	1 U	**2.17**
	08/12/2016	1 U	1 U	1 U	**6.85**	1 U	**1.78**
dup	08/12/2016	1 U	1 U	1 U	**7**	1 U	**1.98**
	01/09/2018	1 U	1.28	1 U	**7.36**	1 U	**1.94**
dup	01/09/2018	1 U	1.18	1 U	**6.87**	1 U	**1.78**
	01/15/2020	1 U	1.29	1 U	**8.54**	1 U	**1.96**
dup	01/15/2020	1 U	1.36	1 U	**8.64**	1 U	**2.44**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-58D	08/13/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5S	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-5D	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/02/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/09/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
EPA-6S	08/18/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
dup	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1 U	1 U	1 U	1 U	1 U	1 U
EPA-6D	08/18/2008	1.03	1 U	1 U	1 U	1 U	1 U
	10/07/2008	1.17	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1.20	1 U	1 U	1 U	1 U	1 U
	04/10/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1.1	1 U	1 U	1 U	1 U	1 U
	01/19/2011	1.41	1 U	1 U	1 U	1 U	1 U
	08/10/2011	1.29	1 U	1 U	1 U	1 U	1 U
	01/17/2012	1.13	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
RNWR Monitoring Wells (UWBZ)							
MW-30	08/13/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
USDFW-1	10/24/2003	0.93	0.63	0.50 U	**7.5**	0.50 U	**1.5**
	05/04/2004	0.53	0.52	0.50 U	**3.9**	0.50 U	**1.4**
	08/13/2004	0.50 U	0.50 U	0.50 U	**1.8**	0.50 U	**1**
	10/25/2004	0.50 U	0.50 U	0.50 U	**2.5**	0.50 U	**1.2**
	01/28/2005	1 U	1 U	1 U	**1.42**	1 U	**1.15**
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	**1.41**
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	**1.15**
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	**2.07**	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/21/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
USDFW-2	10/24/2003	0.50 U	0.74	0.50 U	0.50 U	0.50 U	**0.83**
	05/04/2004	0.50 U	0.61	0.50 U	0.50 U	0.50 U	**0.62**
	08/13/2004	0.50 U	0.64	0.50 U	0.50 U	0.50 U	**0.58**
	10/25/2004	0.50 U	0.52	0.50 U	0.50 U	0.50 U	**0.64**
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	**4.25**
	08/11/2006	NS	NS	NS	NS	NS	NS
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
USDFW-3	10/24/2003	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	05/04/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	08/13/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/25/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/28/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/28/2005	1 U	1 U	1 U	1 U	1 U	0.2 U
	02/01/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/27/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2008	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	**1.12**	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/09/2008	1 U	1 U	1 U	1 U	1 U	1 U
	02/03/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/08/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/28/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/06/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2012	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
Cell 1 (LWBZ)							
MW-40	08/08/2002	5.1	1.3 U	1.3 U	1.3	1.3 U	1.3 U
	01/23/2004	0.76	0.79	0.50 U	1.4	0.50 U	**1.5**
	04/30/2004	0.50 U	0.75	0.50 U	1.2	0.50 U	**1.6**
	08/11/2004	0.50 U	0.6	0.50 U	0.94	0.50 U	**1.4**
	10/29/2004	0.50 U	0.62	0.50 U	1.2	0.50 U	**1.5**
	01/27/2005	1 U	1 U	1 U	1 U	1 U	**1.75**
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/27/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS
	02/02/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-41	08/12/2002	0.5 U	0.5 U	0.5 U	1.7	0.5 U	**0.83**
	01/29/2004	0.50 U	0.50 U	0.50 U	2.1	0.50 U	**0.64**
	04/29/2004	0.50 U	0.50 U	0.50 U	1.6	0.50 U	**0.69**
	08/12/2004	0.50 U	0.50 U	0.50 U	1.3	0.50 U	**0.51**
	11/08/2004	0.50 U	0.50 U	0.50 U	1.9	0.50 U	**0.81**
	01/27/2005	1 U	1 U	1 U	1.7	1 U	1 U
	07/20/2005	NS	NS	NS	NS	NS	NS
	01/30/2006	1 U	1 U	1 U	**4.37**	1 U	**1.22**
	08/08/2006	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS
	08/12/2008	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
Cell 2 Monitoring Wells (LWBZ)							
MW-22	08/08/2002	0.57	0.5 U	0.5 U	3.7	0.5 U	**0.95**
	01/23/2004	0.53	0.52	0.50 U	**7.7**	0.50 U	**1.3**
	04/28/2004	0.50 U	0.54	0.50 U	**6.2**	0.50 U	**1.5**
	08/06/2004	0.50 U	0.52	0.50 U	**4.9**	0.50 U	**1.2**
	10/26/2004	0.50 U	0.50 U	0.50 U	**4.2**	0.50 U	**1.1**
	01/25/2005	1 U	1 U	1 U	3.52	1 U	**1.05**
	07/25/2005	1 UJ	1 UJ	1 UJ	2.03	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	2.84	1 U	1 U
	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2007	1 U	1 U	1 U	2.14	1 U	1 U
	01/22/2008	1 U	1 U	1 U	2.23	1 U	1 U
MW-33	08/07/2002	0.5 U	0.5 U	0.5 U	0.81	0.5 U	0.5 U
	01/21/2004	0.50 U	0.50 U	0.50 U	1.2	0.50 U	0.50 U
	04/27/2004	0.50 U	0.50 U	0.50 U	1.3	0.50 U	0.50 U
	07/28/2004	0.50 U	0.50 U	0.50 U	1.2	0.50 U	0.50 U
	10/19/2004	0.50 U	0.50 U	0.50 U	1.2	0.50 U	0.50 U
	01/20/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/20/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/04/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2011	1 U	1 U	1 U	1 U	1 U	1 U
MW-34	08/08/2002	0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U
	01/21/2004	0.73	0.50 U	0.50 U	1.5	0.50 U	0.50 U
	04/27/2004	0.50 U	0.50 U	0.50 U	1.6	0.50 U	0.50 U
	07/29/2004	0.50 U	0.50 U	0.50 U	1.6	0.50 U	0.50 U
	10/20/2004	0.50 U	0.50 U	0.50 U	1.8	0.50 U	0.50 U
	01/21/2005	1 U	1 U	1 U	1.33	1 U	1 U
	07/20/2005	1 UJ	1 UJ	1 UJ	1.39	1 UJ	1 UJ
	01/23/2006	1 U	1 U	1 U	1.40	1 U	1 U
	08/07/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/18/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/10/2007	1 U	1 U	1 U	1.51	1 U	1 U
	01/16/2008	1 U	1 U	1 U	1.42	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-35	08/13/2002	0.5 U	0.64	0.5 U	**6**	0.5 U	**0.95**
dup	08/13/2002	0.5 U	0.59	0.5 U	**5.8**	0.5 U	**0.9**
	01/21/2004	0.87	0.68	0.50 U	**7.3**	0.50 U	**1.3**
	04/28/2004	0.50 U	0.64	0.50 U	**6.2**	0.50 U	**1.2**
	07/30/2004	0.50 U	0.74	0.50 U	**7**	0.50 U	**1.3**
	10/25/2004	0.50 U	0.70	0.50 U	**6.6**	0.50 U	**1.4**
	01/24/2005	1 U	1 U	1 U	**6.55**	1 U	**1.54**
	07/20/2005	5 UJ	5 UJ	5 UJ	**5.73**	5 UJ	5 UJ
	01/24/2006	1 U	1 U	1 U	**6.14**	1 U	**1.47**
	08/08/2006	1 U	1 U	1 U	**4.7**	1 U	**2.14**
	01/24/2007	1 U	1 U	1 U	**4.46**	1 U	**1.14**
	08/14/2007	1 U	1 U	1 U	2.47	1 U	1 U
	01/18/2008	1 U	1 U	1 U	**6.64**	1 U	**2.35**
	08/14/2008	1 U	1 U	1 U	**6.02**	1 U	**2.17**
	01/30/2009	1 U	1 U	1 U	3.57	1 U	**2.33**
	08/18/2009	1 U	1 U	1 U	**5.51**	1 U	**1.99**
	01/22/2010	1 U	1 U	1 U	**4.5**	1 U	1 U
	08/16/2010	1 U	1 U	1 U	**5.73**	1 U	**1.98**
	01/20/2011	1 U	1 U	1 U	**5.43**	1 U	**2.34**
	08/29/2011	1 U	1 U	1 U	**4.76**	1 U	**2.62**
	01/18/2012	1 U	1 U	1 U	**4.3**	1 U	**1.32**
MW-36	08/07/2002	0.5 U	0.5 U	0.5 U	2.3	0.5 U	0.5 U
	01/26/2004	1	0.50 U	0.50 U	1	0.50 U	0.50 U
	04/28/2004	0.50 U	0.50 U	0.50 U	2.6	0.50 U	0.50 U
	07/30/2004	0.50 U	0.50 U	0.50 U	2.7	0.50 U	0.50 U
	10/26/2004	0.50 U	0.50 U	0.50 U	2.6	0.50 U	0.50 U
	01/25/2005	1 U	1 U	1 U	2.14	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1.9	1 UJ	1 UJ
	01/25/2006	1 U	1 U	1 U	1.57	1 U	1 U
	08/08/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/15/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2008	1 U	1 U	1 U	1.22	1 U	1 U
	08/19/2008	1 U	1 U	1 U	1.30	1 U	1 U
	01/30/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/19/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/16/2010	1 U	1 U	1 U	1.07	1 U	1 U
	01/21/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/30/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/19/2012	1 U	1 U	1 U	1.26	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-37	08/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/27/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	04/29/2004	0.50 U	0.50 U	0.50 U	0.57	0.50 U	0.50 U
	08/06/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	10/22/2004	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	01/26/2005	1 U	1 U	1 U	1 U	1 U	1 U
	07/25/2005	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	01/26/2006	1 U	1 U	1 U	1 U	1 U	1 U
	08/09/2006	1 U	1 U	1 U	1 U	1 U	1 U
	01/26/2007	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2007	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2008	1 U	1 U	1 U	1 U	1 U	1 U
	08/20/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/31/2011	1 U	1 U	1 U	1 U	1 U	1 U
MW-54	08/12/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1.46	1 U	1 U
	01/26/2009	1 U	1 U	1 U	1.18	1 U	1 U
	04/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/05/2009	1 U	1 U	1 U	1.05	1 U	1 U
	01/13/2010	1 U	1 U	1 U	1.21	1 U	1 U
	08/12/2010	1 U	1 U	1 U	1.60	1 U	1 U
	01/13/2011	1 U	1 U	1 U	1.59	1 U	1 U
	08/24/2011	1 U	1 U	1 U	1.55	1 U	1 U
	01/10/2012	1 U	1 U	1 U	1.3	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-55	08/14/2008	1 U	1 U	1 U	**4.66**	1 U	1 U
	10/03/2008	1 U	1 U	1 U	**5.19**	1 U	1 U
	01/27/2009	1 U	1 U	1 U	**3.96**	1 U	1 U
	04/07/2009	1 U	1 U	1 U	**4.12**	1 U	1 U
	08/06/2009	1 U	1.52	1 U	**3.68**	1 U	1 U
	01/14/2010	1 U	1 U	1 U	**4.05**	1 U	1 U
	08/12/2010	1 U	1 U	1 U	**5.03**	1 U	1 U
	01/14/2011	1 U	1 U	1 U	**3.77**	1 U	1 U
	08/08/2011	1 U	1 U	1 U	**3.12**	1 U	1 U
	01/12/2012	1 U	1 U	1 U	**3.02**	1 U	1 U
	08/13/2013	1 U	1 U	1 U	**2.21**	1 U	1 U
	01/24/2014	1 U	1 U	1 U	**1.75**	1 U	1 U
	07/23/2014	1 U	1 U	1 U	**2.03**	1 U	1 U
	01/15/2015	1 U	1 U	1 U	**1.68**	1 U	1 U
	08/11/2016	1 U	1 U	1 U	**1.06**	1 U	1 U
	01/09/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
MW-56	08/21/2008	1 U	1 U	1 U	**1.04**	1 U	1 U
	10/08/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/27/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/07/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2010	1 U	1 U	1 U	**1.01**	1 U	1 U
	01/19/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/26/2011	1 U	1 U	1 U	1.08	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/24/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/11/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/10/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW59	08/19/2008	1 U	1 U	1 U	1 U	1 U	1 U
	10/06/2008	1 U	1 U	1 U	1 U	1 U	1 U
	01/29/2009	1 U	1 U	1 U	1 U	1 U	1 U
	04/09/2009	1 U	1 U	1 U	1 U	1 U	1 U
	08/17/2009	1 U	1 U	1 U	1 U	1 U	1 U
	01/21/2010	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/20/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/29/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2012	1 U	1 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/14/2011	1 U	1 U	1 U	1 U	1 U	1 U
	08/25/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/11/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/07/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/22/2014	--	--	--	--	--	--
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/13/2015	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (LWBZ)							
MW-60	09/03/2008	1 U	2.83	1 U	**11.3**	1 U	1 U
	10/09/2008	1 U	3.82	1 U	**11.6**	1 U	**1.26**
	02/03/2009	1 U	1.71	1 U	**6.89**	1 U	**1.12**
	04/08/2009	1 U	1.93	1 U	**10.6**	1 U	**2.17**
	08/07/2009	1 U	3.97	1 U	**7.72**	1 U	1 U
	01/28/2010	1 U	1.41	1 U	**7.17**	1 U	**2.19**
	08/25/2010	1 U	1.60	1 U	**6.87**	1 U	1 U
	01/24/2011	1 U	1.4	1 U	**8.19**	1 U	**2.96**
	09/06/2011	1 U	1.91	1 U	**6.47**	1 U	**4.92**
	01/25/2012	1 U	1.23	1 U	**5.5**	1 U	**1.95**

MAUL FOSTER ALONGI

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Toluene	trans-1,2-Dichloro-ethene	1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTCA Method B Groundwater VI Level		15000	130	1.6	0.42	120	0.35
MTCA Method B Groundwater Cleanup Level		640	160	0.24	0.42	2400	0.029
MW-61	09/03/2010	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2011	1 U	1 U	1 U	1 U	1 U	1 U
	09/02/2011	1 U	1 U	1 U	1 U	1 U	1 U
	01/24/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/06/2012	1 U	1 U	1 U	1 U	1 U	1 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/15/2020	1 U	1 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	0.5 U	0.5 U	0.5 U	0.3 U	1 U	0.3 U
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	1 U	1 U	1 U	1 U	1 U	1 U
	07/22/2014	1 U	1 U	1 U	1 U	1 U	1 U
	01/12/2015	1 U	1 U	1 U	1 U	1 U	1 U
	08/12/2016	1 U	1 U	1 U	1 U	1 U	1 U
	01/05/2018	1 U	1 U	1 U	1 U	1 U	1 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold indicates detected concentration that exceeds MTCA Method B groundwater cleanup level.
-- = not analyzed.
B = blank exhibited positive result greater than reporting limit for this compound.
dup = duplicate sample.
J = result for analyte is estimated concentration.
LWBZ = lower water-bearing zone.
MTCA = Washington State Department of Ecology's Model Toxics Control Act.
NA = not applicable.
NS = not sampled.
NV = no value.
PRG = preliminary remediation goals.
RNWR = Ridgefield National Wildlife Refuge.
U = not detected at or above method reporting limit.
ug/L = micrograms per liter.
USEPA = U.S. Environmental Protection Agency.
UWBZ = upper water-bearing zone.
[a]Cleanup levels were developed using the Method B cleanup level in use on July 1, 2013, during the publication of the remedial investigation and feasibility study.

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
Cell 1 (UWBZ)											
MW-7	08/12/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	01/26/2004	0.50 U	--	0.50 U	0.58	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	**2.7**
	05/06/2004	3.5	--	0.48 U	1.1	0.48 U	0.48 U	0.48 U	0.69	0.48 U	**21**
	08/09/2004	0.5	--	0.48 U	0.55	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**4.8**
	10/27/2004	1	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**32**
	01/26/2005	--	2.98	1.9 U	5.02	1.9 U	1.9 U	1.9 U	1.9 U	23.3	**27.3**
	07/25/2005	--	3.33	1.24	13.6	0.19 U	0.19 U	0.19 U	1.31	7.61	**253**
	01/27/2006	--	111	13.9	131	0.948 U	7.15	16.5	**73.8**	20.1	**413**
	08/10/2006	--	11.3	33.9	158	0.958 U	0.958 U	11.7	0.958 U	243	**393**
	01/25/2007	--	6.42	14.1	89.8	0.967 U	0.967 U	2.54	0.967 U	56.7	**222**
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	--	18.3	18.2	21.0	0.954 U	0.954 U	10.3	0.954 U	55.3	**54.2**
	02/04/2009	--	0.952 U	9.82	9.10	0.952 U	0.952 U	3.49	0.952 U	26.3	**19.8**
	08/19/2009	--	0.953 U	0.953 U	1.26	0.953 U	0.953 U	0.953 U	0.953 U	8.2	**11.7**
	01/26/2010	--	3.93	5.94	1.47	0.951 U	0.951 U	3.17	0.951 U	49.3	**38.4**
	08/24/2010	--	0.951 U	0.951 U	3.48	0.951 U	0.951 U	0.951 U	0.951 U	5.07	**19.2**
	01/25/2011	--	0.958 U	1.18	2.68	0.958 U	0.958 U	1.44	0.958 U	13.3	**15.1**
	09/01/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**6.17**
	01/20/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.29	1.44 U
MW-8S	08/13/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**2.2**
MW-42	08/12/2002	500	--	4.9 U	140	11	4.9 U	36	4.9 U	44	**2100**
	01/23/2004	190	--	4.8 U	23	5.1	4.8 U	30	4.8 U	150	**740**
	04/30/2004	390	--	48 U	48 U	48 U	48 U	48 U	48 U	83	480 U
	08/10/2004	430	--	4.8 U	110	11	4.8 U	45	**11**	71	**3600**
	10/27/2004	250	--	2.4 U	63	10	2.4 U	16	**4.9**	34	**2200**
	01/26/2005	--	17	1.91 U	71	4.27	1.91 U	6.79	1.91 U	16.4	**694**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	2.57	0.953 U	5.75	0.953 U	0.953 U	0.953 U	0.953 U	1.82	**31.5**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-43	08/12/2002	900	--	4.8 U	83	26	4.8 U	89	**14**	110	**2400**
	01/23/2004	440	--	4.8 U	18	14	4.8 U	56	4.8 U	150	**760**
	04/30/2004	48 U	--	48 U	550	48 U	48 U	110	48 U	190	**110**
	08/11/2004	87	--	4.8 U	8.8	4.8 U	4.8 U	10	4.8 U	39	**360**
	10/27/2004	42	--	2.4 U	66	11	2.4 U	6.3	**6.6**	6.2	**170**
	01/27/2005	--	31.6	1.89 U	44.4	18.5	1.89 U	1.89 U	1.89 U	64.6	**111**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	4.45	4.30	20.9	0.955 U	1.53	1.96	2.45	0.955 U	**22.6**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	630	--	4.8 U	56	13	4.8 U	44	4.8 U	140	**1900**
	01/23/2004	490	--	240 U	240 U	240 U	240 U	240 U	240 U	240 U	**3100**
	04/29/2004	220	--	4.8 U	15	15	4.8 U	30	4.8 U	47	**1500**
	08/11/2004	340	--	48 U	110	50	48 U	77	48 U	77	**1600**
	10/29/2004	570	--	240 U	740	240 U	240 U	240 U	240 U	240 U	**4900**
	01/27/2005	--	61.3	19.2 U	222	34.3	19.2 U	22.9	19.2 U	152	**809**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	127	27.9	215	0.951 U	2.71	31.2	**12.5**	70.2	**1280**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	--	76.1	59.8	94.3	0.953 U	0.953 U	13.5	0.953 U	322	**170**
	08/19/2009	--	24.7	12.5	164	0.972 U	0.972 U	2.94	0.972 U	39	**418**
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	--	0.963 U	1.34	6.12	0.963 U	0.963 U	0.963 U	0.963 U	4.06	**9.04**
	01/24/2011	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1.25	0.961 U	1.1	1.44 U
	09/02/2011	--	0.961 U	5.51	0.961 U	0.961 U	0.961 U	9.5	0.961 U	147	**4.36**
	01/20/2012	--	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	1.44 U
Cell 2 Monitoring Wells (UWBZ)											
E-4	07/12/2007	--	8.41	14.4	9.73	2.88	0.968 U	0.968 U	0.968 U	74.2	**34.1**
	09/13/2007	--	41.3	9.23	41.9	0.976 U	0.976 U	2.82	0.976 U	64.4	**429**
	02/12/2008	--	6.16	6.62	0.963 U	0.963 U	0.963 U	2.02	0.963 U	21.3	**65.8**
	08/22/2008	--	1.78	3.12	1.28	0.961 U	0.961 U	5.05	0.961 U	74.5	**4.61**
	01/13/2009	--	1.80	1.71	4.22	0.947 U	0.947 U	0.947 U	0.947 U	10.9	**8.17**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
EPA-4S	09/03/2008	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	10/02/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	02/10/2009	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	04/16/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/29/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/24/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.967	1.42 U
	01/25/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	09/01/2011	--	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	1.33	**17**
	01/24/2012	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
EPA-4D	09/03/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	10/02/2008	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	02/10/2009	--	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	1.5 U
	04/16/2009	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/13/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/29/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/24/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/25/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	09/01/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/24/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
MW-4	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U
	07/20/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	01/23/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	01/24/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/14/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/17/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/13/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/29/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	08/18/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/19/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/13/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**3.68**
	01/20/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/26/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/13/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-5	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.95 U
	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/20/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U
	01/24/2006	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/14/2007	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/17/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/13/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/29/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/18/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/22/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/13/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/20/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/13/2012	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
PZ-06	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/16/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/12/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/26/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/05/2009	--	1.96	2.06	2.25	2.64	0.949 U	0.949 U	2.31	1.94	**3.55**
	01/13/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/24/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/10/2012	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
MW-10	08/06/2002	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	01/23/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/14/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/17/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-13	08/08/2002	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**0.53**
	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1**
	05/05/2004	0.50 U	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	**0.81**
	07/28/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**0.90 J**
	01/21/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	07/20/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U
	01/23/2006	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/23/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/09/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/15/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/11/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/23/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/14/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/11/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/11/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/12/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	08/23/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/09/2012	--	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	1.45 U
MW-14	08/08/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.8**
	01/22/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/28/2004	0.48 U	--	0.48 U	0.54	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.6**
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
	01/21/2005	--	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.191 U	0.312
	07/20/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.503
	01/23/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/13/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/16/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-15	08/08/2002	350	--	0.48 U	170	3.6	0.93	9	2	0.95	**2400**
	01/21/2004	270	--	0.48 U	110	3.2	0.62	7.5	1.3	0.7	**5600**
	05/05/2004	350	--	0.48 U	110	4.9	0.91	12	2	1.1	**870**
	07/28/2004	240	--	0.48 U	100	5.1	0.94	13	2.2	1.1	**5500**
	10/20/2004	330	--	0.49 U	130	5.1	0.98	13	2.2	1.1	**4000 J**
	01/21/2005	--	123 J	15.5 J	325 J	1.04 J	0.192 UJ	0.755 J	0.192 UJ	0.192 UJ	**2470 J**
	07/20/2005	--	164 J	1.92 UR	230 J	4.09 J	1.92 UR	16.4 J	2.59 J	1.92 UR	**4270 J**
	01/23/2006	--	272	2.41	132	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3590**
	08/07/2006	--	158	2.27	0.962 U	0.962 U	0.962 U	6.10	1.27	0.962 U	**1630**
	01/18/2007	--	198	2.33	108	0.955 U	0.955 U	4.94	2.31	1.34	**1600**
	08/10/2007	--	67.2	1.75	21.3	0.95 U	0.95 U	2.64	0.95 U	0.95 U	**537**
	01/16/2008	--	115	3.41	84.8	0.951 U	0.951 U	5.16	0.961	0.951 U	**1800**
	08/13/2008	--	155	3.89	118	0.957 U	0.957 U	5.39	0.957 U	0.957 U	**1380**
	09/03/2008	--	94.3	3.69	145	0.948 U	0.948 U	5.44	0.948 U	0.948 U	**700**
	01/26/2009	--	62.6	9.03	188	9.28	0.945 U	0.945 U	0.945 U	0.945 U	**843**
	08/17/2009	--	28.7	4.34	73.2	0.946 U	0.946 U	5.15	0.946 U	1.63	**57.1**
	01/12/2010	--	94.2	4.39	34.1	0.947 U	1.85	5.19	0.947 U	0.947 U	**464**
	08/11/2010	--	19.8	13.7	135	0.956 U	2.19	3.45	0.956 U	2.46	**341**
	01/13/2011	--	5.94	5.17	43.4	0.95 U	0.95 U	1.53	0.95 U	1.94	**89.4**
	08/23/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	01/10/2012	--	2.62	0.953 U	3.72	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**25.8**
MW-16	08/07/2002	0.53 U	--	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	**2**
	01/23/2004	0.48 U	--	0.48 U	0.63	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**2.6**
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.58
	07/30/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/26/2004	0.48 U	--	0.48 U	0.58	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.1**
	01/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	07/25/2005	--	0.282	0.19 U	0.247	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	01/25/2006	--	0.947 U	0.947 U	1.54	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**12.0**
	08/10/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/25/2007	--	0.951 U	0.951 U	1.33	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.18**
	08/16/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/22/2008	--	0.954 U	0.954 U	2.15	0.954 U	0.954 U	0.954 U	0.954 U	2.69	**3.83**
	08/19/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/30/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	2.3 U
	01/21/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/17/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/21/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/30/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	01/19/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**3.21**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-17	08/07/2002	0.52 U	--	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.68
	01/26/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.97 U
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**1.5**
	07/30/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/24/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.224	0.189 U	0.189 U	0.189 U	0.189 U
	07/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	01/24/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/15/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/18/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
MW-18	07/29/2004	48 U	--	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/24/2006	--	0.951 U	3.50	0.951 U	0.951 U	0.951 U	3.28	0.951 U	10.4	**1.83**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	--	0.954 U	1.44	1.15	0.954 U	0.954 U	1.15	0.954 U	0.954 U	**4.47**
	08/15/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/18/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
MW-21	08/08/2002	390	--	0.53	51	15	0.49 U	26	1.4	45	**1400**
	05/06/2004	150	--	0.48 U	15	5.3	0.48 U	11	0.67	48 U	**770**
	07/30/2004	44	--	0.48 U	5.1	3.4	0.48 U	6.8	0.48 U	30	**90**
	10/26/2004	2.4 U	--	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.5	4.8 U
	01/25/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/25/2006	--	0.951 U	0.951 U	2.34	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**2.93**
	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/25/2007	--	2.90	10.4	33.7	0.95 U	1.98	2.92	2.05	10.0	**19.5**
	08/16/2007	--	0.952 U	0.952 U	2.51	0.952 U	0.952 U	0.952 U	0.952 U	6.01	**3.98**
	01/22/2008	--	0.958 U	0.958 U	1.62	0.958 U	0.958 U	0.958 U	0.958 U	1.43	**1.93**
	08/19/2008	--	0.949 U	0.949 U	1.82	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**2.76**
	01/30/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/19/2012	--	4.01	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	4.24	**11.3**
	08/12/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/21/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/17/2010	--	0.962 U	0.962 U	1.03	0.962 U	0.962 U	0.962 U	0.962 U	17.8	**2.47**
	01/21/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	08/30/2011	--	0.959 U	1.44	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	12.9	**7.79**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-23	08/06/2002	7.5	--	0.49 U	6.4	0.78	0.49 U	0.49 U	0.49 U	0.49 U	**60**
	01/22/2004	5.2	--	0.48 U	2.9	0.51	0.48 U	0.48 U	0.48 U	0.48 U	**46**
	05/03/2004	5.4	--	0.48 U	3	0.53	0.48 U	0.48 U	0.48 U	0.48 U	**36**
	07/27/2004	5.5	--	0.48 U	3.8	0.64	0.55	0.48 U	0.48 U	0.48 U	**42**
	10/19/2004	4.9	--	0.48 U	1.5	0.52	0.48 U	0.48 U	0.48 U	0.48 U	**35 J**
	01/21/2005	--	2.41 J	0.19 UJ	4.2 J	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	**22.6 J**
	07/20/2005	--	1.61 J	0.192 UR	2.25 J	0.192 UR	0.192 UR	0.192 UR	0.192 UR	0.192 UR	**58.9 J**
	01/20/2006	--	0.95 U	0.95 U	3.58	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**15.7**
	08/07/2006	--	3.25	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**75.5**
	01/23/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**12.5**
	08/09/2007	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.35**
	01/15/2008	--	0.951 U	0.951 U	1.51	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**14.8**
	01/11/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**10.7**
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	13	--	0.48 U	0.49	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**61**
	01/27/2004	29	--	0.48 U	1.4	0.71	0.48 U	0.48	0.48 U	1.3	**32**
	04/29/2004	27	--	0.48 U	0.92	0.49	0.48 U	0.48 U	0.48 U	0.48 U	**89**
	08/06/2004	28	--	0.48 U	1.2	0.58	0.48 U	0.52	0.48 U	0.67	**75**
	10/22/2004	31	--	0.48 U	1.2	0.7	0.48 U	0.6	0.48 U	1	**63**
	01/26/2005	--	0.556	0.189 U	13.6	0.348	0.189 U	0.221	0.189 U	0.604	**34.4**
	07/25/2005	--	0.191 U	0.191 U	23.9	0.31	0.191 U	0.504	0.191 U	0.191 U	**77.9**
	01/26/2006	--	0.949 U	0.949 U	22.3	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**54.2**
	08/09/2006	--	0.953 U	0.953 U	15.7	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**26.2**
	01/26/2007	--	0.95 U	0.95 U	20.6	0.95 U	0.95 U	0.95 U	0.95 U	2.60	**43.2**
	08/17/2007	--	0.95 U	0.95 U	23.7	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**43.8**
	01/23/2008	--	0.952 U	0.952 U	15.3	0.952 U	0.952 U	0.952 U	0.952 U	2.41	**32.3**
	01/27/2010	--	0.949 U	0.949 U	5.44	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**13.3**
	08/31/2011	--	0.959 U	0.959 U	6.04	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	**15.2**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-26	01/26/2004	4.8 U	--	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	9.5 U
	05/05/2004	9.6 U	--	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	**19**
	07/29/2004	48 U	--	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
	10/25/2004	0.96 U	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**2.9**
	01/24/2005	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
	07/25/2005	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
	01/24/2006	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/08/2006	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2007	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/15/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/18/2008	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**3.45**
	08/15/2008	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/28/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/18/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/25/2010	--	0.951 U	0.951 U	0.951 U	4.75 U	0.951 U	4.75 U	4.75 U	0.951 U	**19.7**
	08/16/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1.88**
	01/20/2011	--	0.957 U	0.957 U	1.53	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/30/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**2.59**
	01/23/2012	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
MW-27	01/26/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.95 U
	05/07/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	07/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/20/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
	01/21/2005	--	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U	1.89 U
	07/20/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.491
	01/23/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/07/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/24/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/14/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/17/2008	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/22/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/29/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-38	08/07/2002	39	--	0.49 U	1.6	0.82	0.49 U	4.4	2	0.49 U	**77**
dup	08/07/2002	44	--	0.49 U	1.8	0.78	0.49 U	4.3	1.9	0.49 U	**68**
	01/27/2004	26	--	0.48 U	1.6	0.8	0.48 U	3.1	1.5	0.48 U	**42**
dup	01/27/2004	24	--	0.48 U	1.6	0.82	0.48 U	3.2	1.4	0.48 U	**40**
	05/06/2004	21	--	0.49 U	0.94	0.49 U	0.49 U	1.7	0.97	0.49 U	**7.1**
dup	05/06/2004	20	--	0.48 U	0.78	0.48 U	0.48 U	1.6	0.94	0.48 U	**7.7**
	08/06/2004	17	--	0.48 U	0.8	0.48 U	0.48 U	0.64	0.48 U	0.48 U	**25**
dup	08/06/2004	17	--	0.48 U	0.78	0.48 U	0.48 U	0.63	0.48 U	0.48 U	**24**
	10/29/2004	13	--	0.48 U	0.48 U	0.48 U	0.48 U	0.49	0.48 U	0.48 U	**22**
dup	10/29/2004	15	--	0.48 U	0.48 U	0.48 U	0.48 U	0.54	0.48 U	0.48 U	**23**
	01/25/2005	--	0.189 U	0.189 U	5.18	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**9.88**
dup	01/25/2005	--	0.338	0.189 U	6.18	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**10.2**
	07/25/2005	--	2.42	0.19 U	13.2	0.55	0.19 U	0.19 U	0.19 U	0.19 U	**39.1**
	01/26/2006	--	0.948 U	0.948 U	9.56	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**18.0**
dup	01/26/2006	--	0.95 U	0.95 U	8.94	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**17.9**
	08/10/2006	--	1.02 U	1.02 U	4.94	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	**7.40**
dup	08/10/2006	--	1 U	1 U	5.73	1 U	1 U	1 U	1 U	1 U	**9.23**
	01/25/2007	--	5.78	0.95 U	1.50	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**16.1**
dup	01/25/2007	--	5.35	0.953 U	1.34	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**16.1**
	08/16/2007	--	0.953 U	0.953 U	6.11	0.953 U	0.953 U	0.953 U	0.953 U	1.39	**4.13**
dup	08/16/2007	--	0.95 U	0.95 U	5.07	0.95 U	0.95 U	0.95 U	0.95 U	1.16	**2.84**
	01/23/2008	--	1.06	0.954 U	7.07	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**9.42**
dup	01/23/2008	--	0.971	0.952 U	7.10	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**9.85**
	08/21/2008	--	6.19	0.952 U	4.38	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**16.7**
dup	08/21/2008	--	4.94	0.952 U	2.38	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**10.2**
	02/02/2009	--	0.948 U	0.948 U	5.27	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**8.91**
dup	02/02/2009	--	0.951 U	0.951 U	4.20	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**7.34**
	08/12/2009	--	1.54 U	1.54 U	2.86	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	**4.14**
dup	08/12/2009	--	0.943 U	0.943 U	3.13	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	**6.27**
	01/21/2010	--	0.977	0.949 U	2.69	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**6.34**
dup	01/21/2010	--	1.22	0.952 U	2.95	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**6.81**
	08/17/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**2.39**
dup	08/17/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**1.86**
	01/21/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	08/31/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**2.69**
dup	08/31/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**2.69**
	01/19/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**4.01**
dup	01/19/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**2.83**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-39	08/07/2002	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**1.4**
	01/27/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.98 U
dup	01/27/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
dup	05/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**3.3**
	08/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
dup	08/06/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
dup	10/29/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/25/2005	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.506
dup	01/25/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.495
	07/25/2005	--	0.73	0.19 U	0.721	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	**12.9**
dup	07/25/2005	--	1.32	0.211	0.783	0.92	0.189 U	0.189 U	0.189 U	0.189 U	**9.99**
	01/26/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
dup	01/26/2006	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
dup	08/10/2006	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/25/2007	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
dup	01/25/2007	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/16/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
dup	08/16/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/23/2008	--	2.75	0.952 U	11.1	0.952 U	0.952 U	0.952 U	0.952 U	2.91	**30.2**
dup	01/23/2008	--	2.99	0.951 U	14.0	0.951 U	0.951 U	0.951 U	0.951 U	3.74	**38.0**
	08/21/2008	--	0.947 U	0.947 U	1.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**2.06**
dup	08/21/2008	--	0.949 U	0.949 U	1.78	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**2.60**
	02/02/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
dup	02/02/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.55 U	1.55 U	1.71	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	**3.49**
dup	08/12/2009	--	0.948 U	0.948 U	1.8	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**3.77**
	01/21/2010	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
dup	01/21/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/17/2010	--	0.949 U	1.89	2.93	0.949 U	0.949 U	0.949 U	0.949 U	1.44	**8.91**
dup	08/17/2010	--	0.948 U	1.39	2.41	0.948 U	0.948 U	0.948 U	0.948 U	1.27	**7.09**
	01/21/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/31/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
dup	08/31/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/19/2012	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
dup	01/19/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-48S	08/20/2008	--	0.954 U	4.13	1.70	0.954 U	0.954 U	3.23	0.954 U	30.0	**2.44**
	10/08/2008	--	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	4.37	1.45 U
	02/02/2009	--	0.949 U	0.949 U	1.30	0.949 U	0.949 U	0.949 U	0.949 U	3.05	**1.91**
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/19/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**1.84**
	01/27/2010	--	0.948 U	0.948 U	1.08	0.948 U	0.948 U	0.948 U	0.948 U	4.89	1.42 U
	08/17/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.19	1.43 U
	01/24/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.4	1.43 U
	08/31/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	2.9	**2.31**
	01/20/2012	--	0.957 U	0.957 U	1.05	0.957 U	0.957 U	0.957 U	0.957 U	16.1	**2.11**
MW-49D	08/19/2008	--	67.0	24.7	196	0.955 U	0.955 U	11.5	0.955 U	46.5	**1130**
	10/03/2008	--	87.7	22.4	228	0.958 U	1.51	11.5	0.958 U	86.4	**502**
	01/26/2009	--	36.8	12.1	152	0.967 U	0.967 U	5.46	0.967 U	23.4	**1310**
	04/06/2009	--	28.6	0.978 U	201	4.46	2.33	0.978 U	**16.3**	22.4	**531**
	08/14/2009	--	23.8	23.6	217	0.965 U	3.2	0.965 U	**4.66**	26	**239**
	01/12/2010	--	213	44.2	28.8	0.967 U	2.92	5.69	0.967 U	35.0	**461**
	08/11/2010	--	0.973 U	2.95	9.28	0.973 U	0.973 U	0.973 U	0.973 U	6.37	**10.9**
	01/13/2011	--	0.966 U	4.36	1.25	0.966 U	0.966 U	0.966 U	0.966 U	3.68	1.45 U
	08/23/2011	--	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	0.979 U	1.47 U
	01/10/2012	--	0.954 U	1.52	2.89	0.954 U	0.954 U	0.954 U	0.954 U	2.38	**2.65**
MW-50S	08/19/2008	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**4.99**
	10/08/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/30/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/19/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**6.37**
	08/16/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/21/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/30/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/19/2012	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
MW-51D	08/12/2008	--	3.20	0.948 U	11.4	0.948 U	0.948 U	0.948 U	0.948 U	19.8	**121**
	10/06/2008	--	1.17	0.951 U	5.25	0.951 U	0.951 U	1.43	0.951 U	46.0	**41.4**
	01/26/2009	--	4.50	0.95 U	13.8	0.95 U	0.95 U	3.02	0.95 U	20.0	**105**
	04/06/2009	--	1.50	0.945 U	7.69	0.945 U	0.945 U	0.945 U	0.945 U	20.0	**92.2**
	08/05/2009	--	3.07	0.951 U	3.41	0.951 U	0.951 U	0.951 U	0.951 U	3.11	**80.1**
	01/13/2010	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**95.8**
	08/12/2010	--	1.90	0.955 U	4.79	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**116**
	01/13/2011	--	1.97	0.956 U	4.33	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**109**
	08/24/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/10/2012	--	2.29	0.955 U	4.44	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**128**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-52D	08/14/2008	--	47.0	9.09	91.8	1 U	1 U	4.24	1 U	12.6	**949**
	10/07/2008	--	21.4	7.00	57.5	0.95 U	0.95 U	1.87	0.95 U	7.53	**352**
	01/30/2009	--	12.7	3.01	58.1	0.953 U	0.953 U	1.31	0.953 U	9.08	**90.9**
	04/09/2009	--	11.7	0.951 U	80.2	0.951 U	0.951 U	0.951 U	**4.46**	15.9	**220**
	08/18/2009	--	13.7	6.93	34.3	0.954 U	0.954 U	1.97	0.954 U	6.94	**331**
	01/25/2010	--	78.8	49.7	16.8	0.955 U	0.955 U	9.41	0.955 U	43.9	**211**
	08/16/2010	--	0.961 U	4.39	10.5	0.961 U	0.961 U	0.961 U	0.961 U	11.4	**22.6**
	01/20/2011	--	1.05	2.73	9.85	0.956 U	0.956 U	1.05	0.956 U	13.6	**14**
	08/30/2011	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	13.6	1.44 U
	01/23/2012	--	2.76	1.33	2.74	0.959 U	0.959 U	0.959 U	0.959 U	7.26	6.22
MW-53S	08/14/2008	--	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	1.45 U
	10/07/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/28/2009		0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	04/10/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/18/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	01/20/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/16/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3.90**
	01/18/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/11/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/17/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
MW-53D	08/14/2008	--	61.4	10.8	138	0.951 U	0.951 U	7.92	0.951 U	7.78	**1450**
	10/07/2008	--	20.7	3.85	72.6	0.948 U	0.948 U	2.91	0.948 U	8.96	**329**
	01/28/2009	--	36.1	6.90	129	0.949 U	1.41	5.28	3.40	9.87	**596**
	04/10/2009	--	38.5	4.00	100	7.95	1.73	0.949 U	**6.89**	25.2	**406**
	08/17/2009	--	28.5	15	107	0.948 U	4.71	5.79	**9.7**	19.2	**150**
	01/20/2010	--	93.6	21.9	13.4	0.951 U	0.951 U	3.36	0.951 U	16.1	**254**
	08/16/2010	--	1.76	4.12	19.4	0.951 U	1.28	1.34	0.951 U	18.3	**44.0**
	01/18/2011	--	2.77	4.09	17.9	0.956 U	2.2	1.26	0.956 U	13.1	**30.3**
	08/11/2011	--	0.954 U	0.954 U	1.17	0.954 U	0.954 U	0.954 U	0.954 U	27.8	**2.35**
	01/17/2012	--	1.7	0.958 U	2.1	0.958 U	0.958 U	0.958 U	0.958 U	16.5	**6.88**
MW-55S	08/20/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	01/14/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**2.61**
	08/08/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.44 U
	01/12/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/24/2014	--	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	1.42 UJ
	07/23/2014	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/15/2015	--	--	--	--	--	--	--	--	--	LE
	08/11/2016	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/09/2018	--	0.948 U	0.948 U	0.474 U	0.948 U	0.948 U	0.474 U	0.474 U	0.948 U	0.474 U
	01/16/2020	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-55D	09/07/2010	--	8.74	1.26	42.1	0.982 U	0.982 U	0.982 U	1.45	7.38	**632**
	01/14/2011	--	12.4	0.998	30	0.951 U	0.951 U	2.16	0.951 U	3.44	**185**
	08/08/2011	--	4.25	0.953 U	3.8	0.953 U	0.953 U	1.54	0.953 U	2.21	7.15 U
	01/12/2012	--	22.2	1.28	25.3	2.16	0.957 U	0.957 U	0.957 U	1.35	**364**
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/24/2014	--	--	--	--	--	--	--	--	--	**17.9**
	07/23/2014	--	--	--	--	--	--	--	--	--	**262**
	01/15/2015	--	--	--	--	--	--	--	--	--	**163**
	08/11/2016	--	--	--	--	--	--	--	--	--	**259**
	01/09/2018	--	--	--	--	--	--	--	**--**	--	**605**
	01/16/2020	--	--	--	--	--	--	--	**--**	--	**193**
MW-57S	08/15/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	10/06/2008	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**2.84**
	01/27/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**3.52**
	04/07/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/06/2009	--	3.11	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**12**
	01/13/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**1.87**
	08/12/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/14/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**1.46**
	08/25/2011	--	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	1.45 U
	01/11/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/22/2014	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**6.89**
	07/23/2014		0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**1.7**
	01/14/2015	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/12/2016	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**6.46**
	01/09/2018	--	0.943 U	0.943 U	0.509	0.943 U	0.943 U	0.472 U	0.472 U	0.943 U	**21.5**
	01/15/2020	--	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	**1.81**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-57D	08/14/2008	--	184	1.81	96.3	1 U	1 U	1.59	1 U	3.12	**8220**
	10/06/2008	--	120	2.64	88.5	0.961 U	0.961 U	3.68	0.961 U	55.0	**4800**
dup	10/06/2008	--	142	3.72	112	0.961 U	0.961 U	5.38	0.961 U	80.5	**4080**
	01/27/2009	--	137	2.33	98.6	0.943 U	0.943 U	4.54	0.943 U	76.5	**3900**
dup	01/27/2009	--	143	2.87	113	0.95 U	0.95 U	5.40	0.95 U	90.4	**4480**
	04/07/2009	--	111	0.95 U	72.8	0.95 U	0.95 U	0.95 U	1.82	33.9	**3700**
dup	04/07/2009	--	129	0.95 U	94.3	0.95 U	0.95 U	0.95 U	2.61	49.7	**3640**
	08/06/2009	--	103	3.49	67.7	0.649 U	0.649 U	0.649 U	3.47	17.3	**2690**
	01/13/2010	--	89.9	4.23	132	0.947 U	0.947 U	2.65	0.947 U	16.8	**3640**
dup	01/13/2010	--	92.1	4.55	123	0.947 U	0.947 U	2.89	0.947 U	18.7	**3580**
	08/12/2010	--	139	9.81	99.9	0.948 U	0.948 U	3.03	0.948 U	9.79	**4160**
dup	08/12/2010	--	119	11.1	95.8	0.947 U	0.947 U	2.91	0.947 U	13.4	**3700**
	01/14/2011	--	201	20.5	155	0.953 U	0.953 U	5.31	0.953 U	10.5	**4800**
dup	01/14/2011	--	189	15.4	146	0.951 U	0.951 U	4.11	0.951 U	7.54	**4480**
	08/25/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1820**
dup	08/25/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**2430**
	01/11/2012	--	154	9.46	82	2.38	0.95 U	0.95 U	0.95 U	4.52	**3180**
dup	01/11/2012	--	148	8.88	82.5	2.65	0.948 U	0.948 U	0.948 U	4.88	**2700**
	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
dup	08/13/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/22/2014	--	90.6 J	7.91 J	72.7 J	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**1700**
dup	01/22/2014	--	179 J	35.4 J	135 J	0.947 U	0.947 U	0.947 U	**6.35**	0.947 U	**4200 J**
	07/23/2014	--	198	11	92.2	0.944 U	0.944 U	3.86	0.944 U	0.944 U	**2910**
dup	07/23/2014	--	181	12.7	87.9	0.945 U	0.945 U	3.3	0.945 U	0.945 U	**2980**
	01/14/2015	--	141	0.942 U	122	0.942 U	0.942 U	3.71	1.63	0.942 U	**2000 J**
dup	01/14/2015	--	202	0.947 U	119	0.947 U	0.947 U	3.92	2.14	0.947 U	**4000 J**
	08/12/2016	--	131	12.6	92.4	10.3	0.944 U	8.26	**8.56**	11.4	**1640**
dup	08/12/2016	--	126	12.5	91.1	9.24	0.945 U	7.9	**7.16**	10.7	**1620**
	01/09/2018	--	44.3	2.63	24	2.34	0.946 U	1.69 J	1.43	3.48	**1020**
dup	01/09/2018	--	54.6	5.38	32.3	5.88	0.948 U	3.1 J	1.82	7.18	**1100**
	01/15/2020	--	169	13.4	73.2	9.63	1.2 U	9.54	1.20 U	9.87	**3540**
dup	01/15/2020	--	226	10.8	94.9	8.34	1.14 U	7.89	1.14 U	8.15	**3630**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-58D	08/13/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	10/08/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/27/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/07/2009	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	08/06/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/14/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.33**
	08/12/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**2.73**
	01/19/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/26/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/13/2012	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/23/2014	--	--	--	--	--	--	--	--	--	**0.838**
	07/24/2014	--	--	--	--	--	--	--	--	--	0.473 U
	01/15/2015	--	--	--	--	--	--	--	--	--	0.473 U
	08/11/2016	--	--	--	--	--	--	--	--	--	0.472 U
	01/10/2018	--	--	--	--	--	--	--	--	--	0.471 U
	01/15/2020	--	--	--	--	--	--	--	--	--	**2.17**
EPA-5S	08/11/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	10/02/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	01/23/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/03/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/05/2009	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/08/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	1.42 U
	08/11/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/12/2011	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.43 U
	08/09/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/09/2012	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
EPA-5D	08/11/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**12.8**
	10/02/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**6.42**
	01/23/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**4.29**
	04/03/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**4.74**
	08/05/2009	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**9.44**
	01/08/2010	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	08/11/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/12/2011	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/09/2011	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	01/09/2012	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.37

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
EPA-6S	08/18/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	10/07/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	01/29/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	04/10/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.42 U
	08/12/2009	--	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	2.34 U
	01/25/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**23.0**
	08/13/2010	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/19/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/19/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/10/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/17/2012	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
EPA-6D	08/18/2008	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	10/07/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/29/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.42 U
	04/10/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2009	--	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	2.33 U
	01/25/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/13/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/19/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	08/10/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.44 U
	01/17/2012	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
RNWR Monitoring Wells (UWBZ)											
MW-30	08/13/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
USDFW-1	10/24/2003	1.4	--	0.49 U	0.49 U	0.49 U	0.49 U	0.69	0.49 U	1.3	**4**
	05/04/2004	1.3	--	0.48 U	0.75	0.48 U	0.48 U	0.48 U	0.48 U	0.7	**3.1**
	08/13/2004	8.5	--	0.53 U	1.5	0.53 U	0.53 U	1.4	0.53 U	0.53 U	**26**
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	07/28/2005	--	0.253	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	02/01/2006	--	0.965 U	0.965 U	1.72	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	**5.67**
	08/11/2006	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/22/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/27/2007	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/28/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/21/2008	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	02/03/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	08/07/2009	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.41 U
	01/28/2010	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.52 U
	08/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/06/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/25/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--	0.474 U
	08/14/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/27/2014	--	--	--	--	--	--	--	--	--	0.471 U
	07/21/2014	--	--	--	--	--	--	--	--	--	0.476 U
	01/13/2015	--	--	--	--	--	--	--	--	--	0.469 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.473 U
	10/24/2003	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	08/13/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
	07/28/2005	--	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U
	02/01/2006	--	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	1.47 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.42 U
	08/27/2007	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/28/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	10/24/2003	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
	05/04/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
	08/13/2004	0.49 U	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.97 U
	10/25/2004	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U
	01/28/2005	--	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U
	07/28/2005	--	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U	0.195 U
	02/01/2006	--	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	1.46 U
	08/11/2006	--	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	1.42 UJ
	01/22/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/27/2007	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/28/2008	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	08/26/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/11/2018	--	--	--	--	--	--	--	--	--	0.47 U
	01/16/2020	--	--	--	--	--	--	--	--	--	1.61 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
RMW-2S	08/21/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	10/09/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	02/03/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	1.42 U
	04/08/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/07/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**7.06**
	01/28/2010	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/26/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	01/26/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/06/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	01/25/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	08/07/2012	--	--	--	--	--	--	--	--	--	**2.28**
	08/14/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/27/2014	--	--	--	--	--	--	--	--	--	0.473 U
	07/21/2014	--	--	--	--	--	--	--	--	--	**3.13**
	01/13/2015	--	--	--	--	--	--	--	--	--	0.471 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.474 U
	01/10/2018	--	--	--	--	--	--	--	--	--	0.473 U
	01/16/2020	--	--	--	--	--	--	--	--	--	1.68 U
RMW-2D	08/21/2008	--	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1.44 U
	10/09/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.89**
	02/03/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	04/08/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**3.93**
	08/07/2009	--	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**7.26**
	01/28/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.42 U
	08/26/2010	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**3.53**
	01/26/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**1.74**
	09/06/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**3.04**
	01/25/2012	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**1.83**
	08/07/2012	--	--	--	--	--	--	--	--	--	**2.21**
	08/14/2013	--	--	--	--	--	--	--	--	--	**3.55**
	01/27/2014	--	--	--	--	--	--	--	--	--	**5.26**
	07/21/2014	--	--	--	--	--	--	--	--	--	**2.93**
	01/13/2015	--	--	--	--	--	--	--	--	--	0.471 U
	08/12/2016	--	--	--	--	--	--	--	--	--	0.484 U
	01/10/2018	--	--	--	--	--	--	--	--	--	**2.23**
	01/16/2020	--	--	--	--	--	--	--	--	--	1.7 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
Cell 2 (LWBZ)											
MW-40	08/08/2002	29	--	0.48 U	18	1.3	0.48 U	0.91	0.48 U	0.98	**700**
	01/23/2004	16	--	0.48 U	4.7	1.3	0.48 U	1.7	0.48 U	2.5	**860**
	04/30/2004	15	--	0.48 U	3.2	1.4	0.48 U	1.6	0.48 U	3.9	**240**
	08/11/2004	15	--	0.48 U	3.3	1.5	0.48 U	1.6	0.48 U	9.7	**850**
	10/29/2004	6.5	--	0.48 U	3.1	1.2	0.48 U	1.2	0.48 U	20	**1100**
	01/27/2005	--	1.68	0.189 U	2.73	0.67	0.189 U	0.468	0.189 U	5.68	**573**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	--	5.18	1.39	7.30	0.951 U	0.951 U	1.70	1.25	0.951 U	**385**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	--	5.76	0.990	22.8	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**79.7**
	08/19/2009	--	2.4	0.954 U	28.9	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**138**
	01/29/2010	--	0.952 U	0.952 U	22.6	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**184**
	08/25/2010	--	3.40	1.47	55.8	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**159**
	01/24/2011	--	3.01	1.24	40.4	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**102**
	09/02/2011	--	0.979	0.96 U	41.8	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**95.3**
	01/20/2012	--	26.1	0.955 U	1.16	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**82.6**
MW-41	08/12/2002	1.9	--	0.48 U	0.58	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**99**
	01/29/2004	1.6	--	0.48 U	1.7	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**370**
	04/29/2004	1.2	--	0.48 U	2.1	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**570**
	08/12/2004	1.3	--	0.48 U	1.5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**340**
	11/08/2004	1.3	--	0.24 U	2.1	0.24 U	0.24 U	0.24 U	0.24 U	0.28 U	**550**
	01/27/2005	--	0.894	0.189 U	0.497	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**175**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	--	4.50	0.947 U	6.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**698**
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
Cell 2 Monitoring Wells (LWBZ)											
MW-22	08/08/2002	74	--	0.49 U	17	2.5	0.49 U	4.4	0.49 U	1.6	**430**
	01/23/2004	13	--	0.49 U	13	11	0.84	19	1.5	54	**52**
	04/28/2004	61	--	0.48 U	29	9	0.48 U	14	1.7	19	**360**
	08/06/2004	67	--	0.48 U	41	8.4	0.48 U	8.6	1.6	1.8	**540**
	10/26/2004	62	--	0.48 U	23	4.7	0.48 U	8.1	1.1	0.67	**410**
	01/25/2005	--	4.5	0.189 U	26.3	1.13	0.189 U	3.69	0.189 U	0.189 U	**178**
	08/03/2005	--	0.19 U	0.19 U	53.9	0.798	0.19 U	3.7	0.507	0.19 U	**629**
	01/25/2006		6.12	1.40	47.2	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**144**
	08/10/2006	--	7.06	2.56	34.0	0.954 U	0.954 U	3.40	0.954 U	1.81	**114**
	01/25/2007	--	9.15	0.990	29.7	0.951 U	0.951 U	3.38	0.951 U	3.44	**307**
	08/16/2007	--	4.02	0.953 U	19.0	0.953 U	0.953 U	2.41	0.953 U	0.953 U	**110**
	01/22/2008	--	4.48	0.955 U	22.0	0.955 U	0.955 U	1.60	0.955 U	0.955 U	**339**
MW-33	08/07/2002	4.9	--	0.48 U	2.1	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**120**
	01/21/2004	11	--	0.48 U	2.9	0.48 U	0.48 U	0.48	0.48 U	0.48 U	**200**
	04/27/2004	12	--	0.48 U	3.2	0.48 U	0.48 U	0.67	0.48 U	0.48 U	**320**
	07/28/2004	12	--	0.48 U	2.5	0.48 U	0.48 U	0.84	0.48 U	0.48 U	**250**
	10/19/2004	12	--	0.48 U	1.4	0.48 U	0.48 U	0.78	0.48 U	0.48 U	**200 J**
	01/20/2005	--	2.44	0.189 U	10.2	0.189 U	0.189 U	0.665	0.189 U	0.189 U	**121**
	07/20/2005	--	0.189 UR	0.189 UR	0.516 J	0.189 UR	0.189 UR	0.189 UR	0.189 UR	0.189 UR	**1.83 J**
	01/20/2006	--	4.46	0.951 U	4.19	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**192**
	08/04/2006	--	5.00	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**136**
	01/19/2007	--	2.43	0.951 U	2.27	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**63.9**
	08/09/2007	--	1.94	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**80.9**
	01/15/2008	--	3.28	0.952 U	2.83	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**163**
	08/11/2008	--	4.44	0.949 U	1.70	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**248**
	01/11/2010	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**94.7**
	08/09/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**37.3**
MW-34	08/08/2002	1.8	--	0.49 U	4.6	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**410**
	01/21/2004	2.2	--	0.48 U	3.7	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**610**
	04/27/2004	1.9	--	0.48 U	3.5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**640**
	07/29/2004	2.7	--	0.48 U	3.2	0.48 U	0.48 U	0.48 U	0.48 U	0.77	**740**
	10/20/2004	3.1	--	0.48 U	3.5	0.48 U	0.48 U	0.48 U	0.48 U	0.64	**610 J**
	01/21/2005	--	2.19	0.189 U	2.21	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**207**
	07/20/2005	--	2.72	0.19 U	1.59	0.19 U	0.19 U	0.19 U	0.19 U	0.873	**707**
	01/23/2006	--	1.99	0.948 U	3.06	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**702**
	08/07/2006	--	1.83	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**626**
	01/18/2007	--	1.17	0.952 U	2.30	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**354**
	08/10/2007	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**147**
	01/16/2008	--	2.62	0.952 U	3.13	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**466**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-35	08/13/2002	67	--	0.48 U	23	1.9	0.48 U	2.3	0.48 U	6.1	**1100**
dup	08/13/2002	71	--	0.49 U	23	1.9	0.49 U	2.4	0.49 U	4.8	**1300**
	01/21/2004	120	--	0.48 U	45	2.1	0.55	3.2	0.48 U	21	**5800**
	04/28/2004	120	--	0.48 U	50	2.1	0.48 U	3.2	0.48 U	18	**4000**
	07/30/2004	99	--	0.48 U	36	2.1	0.48 U	3.3	0.48 U	20	**2800**
	10/25/2004	100	--	0.96 U	46	2.2	0.96 U	3.3	0.96 U	26	**2700**
	01/24/2005	--	--	--	--	--	--	--	--	--	--
	07/20/2005	--	50.5 J	0.19 UR	124 J	0.19 UR	0.19 UR	3.93 J	0.929 J	21.6 J	**6540 J**
	01/24/2006	--	58.8	3.29	61.1	0.948 U	0.948 U	0.948 U	0.948 U	14.4	**1750**
	08/08/2006	--	73.9	2.79	1.02 U	3.19	1.02 U	3.80	1.02 U	30.9	**1620**
	01/24/2007	--	67.8	2.71	68.7	0.948 U	0.948 U	2.12	0.948 U	17.2	**1660**
	08/14/2007	--	44.9	2.33	48.7	0.947 U	0.947 U	2.03	0.947 U	24.6	**600**
	01/18/2008	--	93.8	3.09	0.956 U	0.956 U	0.956 U	1.81	0.956 U	20.3	**1860**
	08/14/2008	--	93.4	3.08	40.1	0.951 U	0.951 U	2.46	0.951 U	9.26	**2950**
	01/30/2009		58.2	2.44	44.1	0.949 U	0.949 U	1.80	0.949 U	7.17	**1230**
	08/18/2009	--	58.8	1.44	19.8	0.949 U	0.949 U	1.89	0.949 U	2.18	**2710**
	01/22/2010	--	77.5	0.951 U	88.9	0.951 U	0.951 U	4.81	0.951 U	40.4	**1990**
	08/16/2010	--	33.4	1.21	36.6	0.949 U	0.949 U	1.67	0.949 U	10.5	**1270**
	01/20/2011	--	50.4	2.88	70.3	0.953 U	0.953 U	10.2	0.953 U	45.7	**1200**
	08/29/2011	--	39.7	1.63	32.5	0.956 U	0.956 U	2.05	0.956 U	9.27	**1110**
	01/18/2012	--	31.1	0.957 U	11	0.957 U	0.957 U	0.957 U	0.957 U	7.14	**581**
MW-36	08/07/2002	12	--	0.49 U	3.8	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**120**
	01/26/2004	37	--	0.48 U	5.3	0.94	0.48 U	2.1	0.48 U	3.2	**69**
	04/28/2004	16	--	0.48 U	5	0.67	0.48 U	2.4	0.48 U	0.48 U	**350**
	07/30/2004	13	--	0.48 U	2.8	0.6	0.48 U	2.3	0.48 U	0.48 U	**230**
	10/26/2004	11	--	0.48 U	3.7	0.48 U	0.48 U	1.6	0.48 U	0.48 U	**120**
	01/25/2005	--	1.69	0.189 U	6.6	0.37	0.189 U	1	0.189 U	0.189 U	**155**
	07/25/2005	--	0.19 U	1.4	15.7	0.388	0.19 U	0.19 U	0.19 U	0.19 U	**245**
	01/25/2006	--	1.92	0.95 U	7.72	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**85.2**
	08/08/2006	--	1.61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**76.9**
	01/24/2007	--	1.58	0.948 U	6.99	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**105**
	08/15/2007	--	0.951 U	0.951 U	2.95	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**59.3**
	01/22/2008	--	1.43	0.953 U	4.39	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**99.5**
	08/19/2008	--	1.20	0.951 U	6.63	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**114**
	01/30/2009	--	0.947 U	0.947 U	2.92	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**52.3**
	08/19/2009	--	2.71	0.946 U	6.4	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**107**
	01/26/2010	--	0.947 U	0.947 U	4.77	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**61.4**
	08/16/2010	--	1.72	0.957 U	6.28	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**109**
	01/21/2011	--	2.37	0.955 U	8.23	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**94.7**
	08/30/2011	--	2.4	0.954 U	7.06	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**102**
	01/19/2012	--	9.99	0.955 U	4.27	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**143**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-37	08/12/2002	0.48 U	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**4**
	01/27/2004	0.7	--	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**32**
	04/29/2004	0.68	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**23**
	08/06/2004	0.65	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**23**
	10/22/2004	0.58	--	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	**21**
	01/26/2005	--	0.189 U	0.189 U	0.222	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	**6.15**
	07/25/2005	--	0.19 U	0.19 U	0.567	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	**20.8**
	01/26/2006	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**9.21**
	08/09/2006	--	0.952 U	0.952 U	1.21	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**25.7**
	01/26/2007	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**12.8**
	08/17/2007	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**5.61**
	01/23/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**5.98**
	08/20/2008	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**18.4**
	01/27/2010	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**1.63**
	08/31/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**8.15**
MW-54	08/12/2008	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	12.2	**50.5**
	10/06/2008	--	0.956 U	0.956 U	1.90	0.956 U	0.956 U	0.956 U	0.956 U	10.2	**35.5**
	01/26/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	4.28	**37.0**
	04/06/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.25	**49.3**
	08/05/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**58.5**
	01/13/2010	--	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**40.2**
	08/12/2010	--	0.947 U	0.947 U	1.27	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**74.2**
	01/13/2011	--	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**63.7**
	08/24/2011	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.43 U
	01/10/2012	--	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	**82.2**
MW-55	08/14/2008	--	9.32	0.955 U	12.5	0.955 U	0.955 U	1.31	0.955 U	0.955 U	**828**
	10/03/2008	--	6.61	0.954 U	13.8	0.954 U	0.954 U	1.34	0.954 U	2.49	**448**
	01/27/2009	--	6.11	0.946 U	24.5	0.946 U	0.946 U	2.4	0.946 U	26	**485**
	04/07/2009	--	5.1	0.951 U	19.7	0.951 U	0.951 U	0.951 U	0.951 U	16.9	**410**
	08/06/2009	--	3.89	0.948 U	6.99	0.948 U	0.948 U	0.948 U	0.948 U	9.31	**418**
	01/14/2010	--	7.04	0.951 U	4.93	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**293**
	08/12/2010	--	7.66	0.949 U	16.1	0.949 U	0.949 U	1.13	0.949 U	0.949 U	**632**
	01/14/2011	--	8.91	0.957 U	19.4	0.957 U	0.957 U	1.23	0.957 U	0.957 U	**544**
	08/08/2011	--	4.9	0.951 U	3.79	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	7.13 U
	01/12/2012	--	7.46	0.952 U	7.1	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**253**
	08/13/2013	--	--	--	--	--	--	--	--	--	**419**
	01/24/2014	--	--	--	--	--	--	--	--	--	**781**
	07/23/2014	--	--	--	--	--	--	--	--	--	**293**
	01/15/2015	--	--	--	--	--	--	--	--	--	**322**
	08/11/2016	--	--	--	--	--	--	--	--	--	**187**
	01/09/2018	--	--	--	--	--	--	--	--	--	**297**
	01/16/2020	--	--	--	--	--	--	--	--	--	**176**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
MW-56	08/21/2008	--	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**23.1**
	10/08/2008	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**18.7**
	01/27/2009	--	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**26.9**
	04/07/2009	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**27.6**
	08/06/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**33.2**
	01/14/2010	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**10.1**
	08/12/2010	--	0.951 U	0.951 U	1.06	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**31.9**
	01/19/2011	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**23.3**
	08/26/2011	--	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**26.1**
	01/13/2012	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**11.5**
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/23/2014	--	--	--	--	--	--	--	--	--	**49.8**
	07/24/2014	--	--	--	--	--	--	--	--	--	**32.3**
	01/15/2015	--	--	--	--	--	--	--	--	--	**20.6**
	08/11/2016	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**31.5**
	01/15/2020	--	--	--	--	--	--	--	--	--	**44.8**
MW-59	08/19/2008	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	3.41	**13.4**
	10/06/2008	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.49	**4.86**
	01/29/2009	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	**3.95**
	04/09/2009	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**10.9**
	08/17/2009	--	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.42 U
	01/21/2010	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	08/13/2010	--	0.946 U	0.946 U	1.60	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	**18.0**
	01/20/2011	--	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	**2.19**
	08/29/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**5.09**
	01/13/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	**7.88**
	01/10/2018	--	0.955 U	0.955 U	0.478 U	0.955 U	0.955 U	0.478 U	0.478 U	0.955 U	**33.9**
MW-62	09/08/2010	--	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	**22.4**
	01/14/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**10.7**
	08/25/2011	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.43 U
	01/11/2012	--	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	**13.4**
	08/07/2012	--	--	--	--	--	--	--	--	--	0.477 U
	08/13/2013	--	--	--	--	--	--	--	--	--	0.5 U
	01/22/2014	--	--	--	--	--	--	--	--	--	**31.3**
	07/22/2014	--	--	--	--	--	--	--	--	--	**16**
	01/13/2015	--	--	--	--	--	--	--	--	--	**17**
	08/15/2016	--	--	--	--	--	--	--	--	--	**39.9**
	01/09/2018	--	--	--	--	--	--	--	--	--	**68.4**
	01/16/2020	--	--	--	--	--	--	--	--	--	**131**

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Chlorinated Phenolics									
		2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,4-Trichlorophenol	2,3,5,6-Tetrachlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	3,4,5-Trichlorophenol	Pentachlorophenol
MTCA Method B Groundwater CUL		NV	480	NV	NV	NV	NV	800	4	NV	0.73
RNWR Monitoring Well (LWBZ)											
MW-60	09/03/2008	--	1.09	0.948 U	3.06	0.948 U	0.948 U	0.948 U	0.948 U	2.70	**94.5**
	10/09/2008	--	0.951 U	0.951 U	3.87	0.951 U	0.951 U	0.951 U	0.951 U	11.6	**68.9**
	02/03/2009	--	0.951 U	0.951 U	3.03	0.951 U	0.951 U	0.951 U	0.951 U	3.33	**51**
	04/08/2009	--	0.992	0.945 U	3.14	0.945 U	0.945 U	0.945 U	0.945 U	3.77	**91.2**
	08/07/2009	--	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**57.5**
	01/28/2010	--	0.948 U	0.948 U	3.35	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**70.2**
	08/25/2010	--	0.95 U	0.95 U	2.57	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**72.2**
	01/24/2011	--	0.951 U	1.09	3.95	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**80.4**
	09/06/2011	--	2.5	0.951 U	1.72	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**94.4**
	01/25/2012	--	2.53	0.953 U	3.47	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**90.6**
MW-61	09/03/2010	--	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.51 U
	01/24/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	09/02/2011	--	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.43 U
	01/24/2012	--	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.44 U
	08/06/2012	--	--	--	--	--	--	--	--	--	0.476 U
	08/14/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/23/2014	--	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.43 U
	07/22/2014	--	--	--	--	--	--	--	--	--	0.475 U
	01/12/2015	--	--	--	--	--	--	--	--	--	0.473 U
	08/12/2016	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.42 U
	01/05/2018	--	0.949 U	0.949 U	0.474 U	0.949 U	0.949 U		0.474 U	0.949 U	0.474 U
	01/15/2020	--	--	--	--	--	--	--	--	--	1.42 U
MW-63	09/20/2012	--	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	**1.97 J**
	08/14/2013	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U
	01/23/2014	--	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.43 U
	07/22/2014	--	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	1.41 U
	01/12/2015	--	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.42 U
	08/12/2016	--	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	--	0.946 U	0.946 U	0.473 U	0.946 U	0.946 U	0.473 U	0.473 U	0.946 U	**1.79**
	01/16/2020	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 1 (UWBZ)										
MW-7	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2004	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/09/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.427	0.19 U	--	--	0.95 U	0.443	0.19 U	0.19 U	**0.21**
	07/25/2005	0.239	**0.0433**	--	--	0.119	0.216	0.019 U	0.019 U	**0.083**
	01/27/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/10/2006	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/25/2007	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	02/04/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/19/2009	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/26/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/24/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2011	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	09/01/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
MW-8S	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
MW-42	08/12/2002	0.97 U	0.97 U	0.97 U	0.97 U	--	0.97 U	0.97 U	0.97 U	ND
	01/23/2004	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/30/2004	0.47	0.096 U	0.1	0.096 U	--	0.35	0.096 U	0.096 U	**0.12**
	08/10/2004	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	10/27/2004	0.48 U	0.48 U	0.48 U	0.48 U	--	0.48 U	0.48 U	0.48 U	ND
	01/26/2005	0.191 U	0.191 U	--	--	0.957 U	0.191 U	0.191 U	0.191 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-43	08/12/2002	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2004	1.2	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	**0.79**
	04/30/2004	1	0.26	0.41	0.14	--	0.69	0.096 U	0.096 U	**0.43**
	08/11/2004	3.4	**1.2**	1.8	0.96 U	--	2.6	0.96 U	0.96 U	**1.9**
	10/27/2004	1.2	0.48 U	0.48 U	0.48 U	--	0.78	0.48 U	0.48 U	**0.46**
	01/27/2005	0.189 U	0.189 U	--	--	0.947 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1.66	0.955 U	0.955 U	0.955 U	--	1.06	0.955 U	0.955 U	**0.845**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2004	170	**54**	56	60	--	160	4.1	18	**86.4**
	04/29/2004	16	**5.7**	8.9	3.2	--	16	0.96 U	2.1	**8.9**
	08/11/2004	260	**78**	110	49	--	260	9.6 U	26	**126**
	10/29/2004	890	**290**	400	190	--	760	51	100	**461**
	01/27/2005	1.92 U	1.92 U	--	--	9.61 U	1.92 U	1.92 U	1.92 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	1.98	0.951 U	0.951 U	0.951 U	--	1.97	0.951 U	0.951 U	**0.883**
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	244	**67.3**	153	29.7	--	209	12.1	22.6	**127**
	08/19/2009	14.7	0.972 U	5.89	2.02	--	16.7	0.972 U	0.972 U	**3.01**
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	12.2	**1.27**	5.84	1.55	--	15.8	0.963 U	0.963 U	**3.39**
	01/24/2011	1.06	0.961 U	0.961 U	0.961 U	--	1.26	0.961 U	0.961 U	**0.7913**
	09/02/2011	21.2	**3.04**	13.9	5.13	--	25.3	0.961 U	1.41	**7.50505**
	01/20/2012	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND
Cell 2 Monitoring Wells (UWBZ)										
E-4	07/12/2007	5.03	0.968 U	2.34	0.968 U	--	4.83	0.968 U	0.968 U	**1.41**
	09/13/2007	14.0	**2.01**	4.02	3.90	--	15.5	0.976 U	0.976 U	**4.45**
	02/12/2008	3.49	0.963 U	1.18	0.963 U	--	3.54	0.963 U	0.963 U	**1.13**
	08/22/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
EPA-4S	09/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	10/02/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	02/10/2009	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	04/16/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/29/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/24/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	09/01/2011	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/24/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
EPA-4D	09/03/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/02/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	02/10/2009	0.999 U	0.999 U	0.999 U	0.999 U	--	0.999 U	0.999 U	0.999 U	ND
	04/16/2009	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/29/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/24/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	09/01/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
MW-4	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.0192 U	0.0192 U	--	--	0.096 U	0.0192 U	0.0192 U	0.0192 U	ND
	07/20/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/14/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/17/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/13/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/29/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	08/18/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/13/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/20/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/26/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-5	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.189 U	0.189 U	--	--	0.945 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	0.0191 U	0.0191 U	--	--	0.0956 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/24/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/14/2007	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/13/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/29/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/18/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/22/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/20/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
PZ-06	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/16/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/12/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	1.13	**1.04**	0.949 U	1.2	--	1.14	1.05	1.02	**1.54**
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/10/2012	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
MW-10	08/06/2002	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	ND
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/14/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-13	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/05/2004	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.019 U	0.019 U	--	--	0.095 U	0.019 U	0.019 U	0.019 U	ND
	07/20/2005	0.0191 U	0.0191 U	--	--	0.0953 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/23/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/09/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/15/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/23/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/14/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/11/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/12/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/23/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/09/2012	0.97 U	0.97 U	0.97 U	0.97 U	--	0.97 U	0.97 U	0.97 U	ND
MW-14	08/08/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.0191 U	0.0191 U	--	--	0.0954 U	0.0191 U	0.0191 U	0.0191 U	ND
	07/20/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-15	08/08/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/05/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2005	0.0192 U	0.0192 U	--	--	0.0962 U	0.0192 U	0.0192 U	0.0192 U	ND
	07/20/2005	0.192 UR	0.192 UR	--	--	0.958 UR	0.192 UR	0.192 UR	0.192 UR	ND
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/07/2006	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/18/2007	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/10/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2008	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/11/2010	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/13/2011	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/23/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/10/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
MW-16	08/07/2002	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	01/23/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/10/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/25/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/22/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	--	1.54 U	1.54 U	1.54 U	ND
	01/21/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/17/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/30/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-17	08/07/2002	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	01/26/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/24/2005	0.0189 U	0.0189 U	--	--	0.0944 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.0221	0.019 U	0.019 U	**0.0173**
	01/24/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/15/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/18/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-18	07/29/2004	9.6 U	0.096 U	0.096 U	0.096 U	--	9.6 U	0.096 U	0.096 U	ND
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/24/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	1.75	0.954 U	0.954 U	0.954 U	--	1.33	0.954 U	0.954 U	**0.856**
	08/15/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/18/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
MW-21	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.48 U	0.48 U	0.48 U	0.48 U	--	0.48 U	0.48 U	0.48 U	ND
	01/25/2005	0.189 U	0.189 U	--	--	0.943 U	0.189 U	0.189 U	0.189 U	ND
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/25/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/16/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/22/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/30/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/19/2012	0.963 U	0.963 U	0.963 U	0.963 U	--	0.963 U	0.963 U	0.963 U	ND
	08/12/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/17/2010	0.962 U	0.962 U	0.962 U	0.962 U	--	0.962 U	0.962 U	0.962 U	ND
	01/21/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	08/30/2011	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-23	08/06/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/03/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/19/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.019 U	0.019 U	--	--	0.0951 U	0.019 U	0.019 U	0.019 U	ND
	07/20/2005	0.0192 UR	0.0192 UR	--	--	0.0959 UR	0.0192 UR	0.0192 UR	0.0192 UR	ND
	01/20/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/07/2006	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/09/2007	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/15/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/11/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.0189 U	0.0189 U	--	--	0.0945 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.0191 U	0.0191 U	--	--	0.0953 U	0.0191 U	0.0191 U	0.0191 U	ND
	01/26/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/09/2006	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/17/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/27/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/31/2011	0.959 U	0.959 U	0.959 U	0.959 U		0.959 U	0.959 U	0.959 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-26	01/26/2004	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	05/05/2004	2.0 U	2.0 U	2.0 U	2.0 U	--	2.0 U	2.0 U	2.0 U	ND
	07/29/2004	0.67	0.23	0.33	0.12	--	0.56	0.096 U	0.096 U	**0.36**
	10/25/2004	0.34	0.20 U	0.2	0.20 U	--	0.27	0.20 U	0.20 U	**0.19**
	01/24/2005	2.73	**1.07**	--	--	1.76	2.08	0.19 U	0.334	**1.58**
	07/25/2005	1.9 U	1.9 U	--	--	9.52 U	1.9 U	1.9 U	1.9 U	ND
	01/24/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/08/2006	1.17	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	**0.829**
	01/24/2007	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/15/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/18/2008	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	08/15/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/28/2009	2.35	0.947 U	1.14	0.947 U		1.56	0.947 U	0.947 U	**0.980**
	08/18/2009	1.25	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	**0.795**
	01/25/2010	2.32	**0.989**	1.28	0.951 U	--	1.72	0.951 U	0.951 U	**1.37**
	08/16/2010	1.29	0.952 U	0.952 U	0.952 U	--	1.01	0.952 U	0.952 U	**0.14**
	01/20/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/30/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/23/2012	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
MW-27	01/26/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/07/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.189 U	0.189 U	--	--	0.943 U	0.189 U	0.189 U	0.189 U	ND
	07/20/2005	0.0192 U	0.0192 U	--	--	0.0958 U	0.0192 U	0.0192 U	0.0192 U	ND
	01/23/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/24/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/14/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/17/2008	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/22/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/29/2011	0.953 U	0.953 U	0.953 U	0.953 U		0.953 U	0.953 U	0.953 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-38	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
dup	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
dup	01/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	05/06/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
dup	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
dup	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
dup	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/10/2006	1.02 U	1.02 U	1.02 U	1.02 U	--	1.02 U	1.02 U	1.02 U	ND
dup	08/10/2006	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
dup	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
dup	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
dup	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	02/02/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
dup	02/02/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	--	1.54 U	1.54 U	1.54 U	ND
dup	08/12/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
dup	01/21/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
dup	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/21/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/31/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
dup	08/31/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
dup	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-39	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/27/2004	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	ND
dup	01/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	05/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.019 U	0.019 U	--	--	0.0948 U	0.019 U	0.019 U	0.019 U	ND
dup	01/25/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.023 U	0.019 U	--	--	0.0951 U	0.0277	0.019 U	0.019 U	**0.0176**
dup	07/25/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
dup	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
dup	01/25/2007	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/16/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
dup	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
dup	01/23/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/21/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
dup	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	02/02/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
dup	02/02/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	--	1.55 U	1.55 U	1.55 U	ND
dup	08/12/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	01/21/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/17/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
dup	08/17/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/21/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/31/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
dup	08/31/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/19/2012	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
dup	01/19/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-48S	08/20/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	10/08/2008	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	02/02/2009	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/17/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/31/2011	1.77	0.96 U	0.96 U	0.96 U	--	2	0.96 U	0.96 U	**0.869**
	01/20/2012	3.22	0.957 U	1.57	0.957 U	--	4.53	0.957 U	0.957 U	**1.15**
MW-49D	08/19/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/26/2009	1.16	0.967 U	0.967 U	0.967 U	--	0.967	0.967 U	0.967 U	**0.803**
	04/06/2009	3.41	**1.20**	1.50	0.978 U	--	2.41	0.978 U	0.978 U	**1.86**
	08/14/2009	1.3	0.965 U	0.965 U	0.965 U	--	1.04	0.965 U	0.965 U	**0.816**
	01/12/2010	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	08/11/2010	2.46	0.973 U	0.973 U	0.973 U	--	2.37	0.973 U	0.973 U	**0.27**
	01/13/2011	2.16	0.966 U	0.966 U	0.966 U	--	1.85	0.966 U	0.966 U	**0.911**
	08/23/2011	3.31	0.979 U	0.979 U	0.979 U	--	3.27	0.979 U	0.979 U	**1.05**
	01/10/2012	3.35	0.954 U	1.02	0.954 U	--	3.13	0.954 U	0.954 U	**1.09**
MW-50S	08/19/2008	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	10/08/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/30/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/30/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-51D	08/12/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/26/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/06/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/13/2010	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	08/12/2010	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/13/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/10/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-52D	08/14/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	10/07/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/30/2009	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	04/09/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/18/2009	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2010	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/16/2010	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/20/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/30/2011	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/23/2012	0.959 U	0.959 U	0.959 U	0.959 U	--	0.959 U	0.959 U	0.959 U	ND
MW-53S	08/14/2008	0.967 U	0.967 U	0.967 U	0.967 U	--	0.967 U	0.967 U	0.967 U	ND
	10/07/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/28/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	04/10/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/18/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	01/20/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/16/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/18/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/11/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/17/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-53D	08/14/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	10/07/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/28/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/10/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/17/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/20/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/18/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/11/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/17/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
MW-55S	08/20/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/14/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/08/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/24/2014	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	--	0.943 UJ	0.943 UJ	0.943 UJ	ND
	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/15/2015	LE	LE	LE	LE	--	LE	LE	LE	--
	08/11/2016	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/16/2020	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-55D	09/07/2010	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U	ND
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/06/2008	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/06/2009	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/25/2011	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U	ND
	01/11/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/14/2015	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2016	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/09/2018	0.472 U	0.472 U	0.472 U	0.472 U	--	0.472 U	0.472 U	0.472 U	ND
	01/15/2020	1.07 U	1.07 U	1.07 U	1.07 U	--	1.07 U	1.07 U	1.07 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-57D	08/14/2008	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	10/06/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
dup	10/06/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/27/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
dup	01/27/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	04/07/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	04/07/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/06/2009	0.649 U	0.649 U	0.649 U	0.649 U	--	0.649 U	0.649 U	0.649 U	ND
	01/13/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
dup	01/13/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
dup	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/14/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
dup	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
dup	08/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/11/2012	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	01/11/2012	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
dup	08/13/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
dup	01/22/2014	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	07/23/2014	0.152 U	0.158 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.481 U	ND
dup	07/23/2014	0.152 U	0.158 U	0.336 U	0.186 U	--	0.201 U	0.467 U	0.481 U	ND
	01/14/2015	0.942 U	0.942 U	0.942 U	0.942 U	--	0.942 U	0.942 U	0.942 U	ND
dup	01/14/2015	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
dup	08/12/2016	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND
dup	01/09/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/15/2020	1.2 U	1.2 U	1.2 U	1.2 U	--	1.2 U	1.2 U	1.2 U	ND
dup	01/15/2020	1.14 U	1.14 U	1.14 U	1.14 U	--	1.14 U	1.14 U	1.14 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-58D	08/13/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	10/08/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/19/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/26/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/15/2020	--	--	--	--	--	--	--	--	--
EPA-5S	08/11/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/02/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/23/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/05/2009	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/08/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/11/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/12/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/09/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/09/2012	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
EPA-5D	08/11/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	10/02/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/23/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/03/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/05/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/08/2010	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/12/2011	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/09/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/09/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
EPA-6S	08/18/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/07/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/29/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/10/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	08/12/2009	1.56 U	1.56 U	1.56 U	1.56 U	--	1.56 U	1.56 U	1.56 U	ND
	01/25/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/13/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/10/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/17/2012	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
EPA-6D	08/18/2008	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	10/07/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/29/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	04/10/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	--	1.55 U	1.55 U	1.55 U	ND
	01/25/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/13/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/19/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/10/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/17/2012	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
RNWR Monitoring Wells (UWBZ)										
MW-30	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
USDFW-1	10/24/2003	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/28/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	02/01/2006	0.965 U	0.965 U	0.965 U	0.965 U	--	0.965 U	0.965 U	0.965 U	ND
	08/11/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/27/2007	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/28/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/21/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	02/03/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/28/2010	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--
	10/24/2003	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0189 U	0.0189 U	--	--	0.0944 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/28/2005	0.0192 U	0.0192 U	--	--	0.096 U	0.0192 U	0.0192 U	0.0192 U	ND
	02/01/2006	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U	ND
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/27/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/28/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/24/2003	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	05/04/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	10/25/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	0.0195 U	0.0195 U	--	--	0.0973 U	0.0195 U	0.0195 U	0.0195 U	ND
	07/28/2005	0.0195 U	0.0195 U	--	--	0.0974 U	0.0195 U	0.0195 U	0.0195 U	ND
	02/01/2006	0.976 U	0.976 U	0.976 U	0.976 U	--	0.976 U	0.976 U	0.976 U	ND
	08/11/2006	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	--	0.949 UJ	0.949 UJ	0.949 UJ	ND
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/27/2007	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/28/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/11/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
RMW-2S	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/09/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	02/03/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	04/08/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/07/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/28/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/26/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	04/08/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/26/2010	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/26/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	
	08/12/2016	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 2 (LWBZ)										
MW-40	08/08/2002	0.25	0.096 U	0.096 U	0.096 U	--	0.23	0.096 U	0.096 U	**0.0945**
	01/23/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	04/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/11/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2005	0.0703	0.0189 U	--	--	0.0943 U	0.048	0.0189 U	0.0189 U	**0.0236**
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/19/2009	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/29/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/25/2010	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/24/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	09/02/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/20/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-41	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/29/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	04/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/12/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	11/08/2004	0.048 U	0.048 U	0.048 U	0.048 U	--	0.048 U	0.048 U	0.048 U	ND
	01/27/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 2 Monitoring Wells (LWBZ)										
MW-22	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/23/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	08/03/2005	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/10/2006	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/22/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
MW-33	08/07/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/27/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	07/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/19/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/20/2005	0.0189 U	0.0189 U	--	--	0.0945 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	0.0189 UR	0.0189 UR	--	--	0.0947 UR	0.0189 UR	0.0189 UR	0.0189 UR	ND
	01/20/2006	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/04/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/19/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/09/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/15/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/11/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/09/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
MW-34	08/08/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/27/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/29/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/20/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/21/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/20/2005	0.019 U	0.019 U	--	--	0.095 U	0.019 U	0.019 U	0.019 U	ND
	01/23/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/07/2006	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/18/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/10/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/16/2008	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-35	08/13/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
dup	08/13/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/21/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/25/2004	0.20 U	0.20 U	0.20 U	0.20 U	--	0.20 U	0.20 U	0.20 U	ND
	01/24/2005	--	--	--	--	--	--	--	--	--
	07/20/2005	0.019 UR	0.019 UR	--	--	0.0951 UR	0.019 UR	0.019 UR	0.019 UR	ND
	01/24/2006	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/08/2006	1.02 U	1.02 U	1.02 U	1.02 U	--	1.02 U	1.02 U	1.02 U	ND
	01/24/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/14/2007	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/18/2008	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	08/14/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/30/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/18/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/22/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/16/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/20/2011	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/29/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/18/2012	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
MW-36	08/07/2002	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	01/26/2004	0.1	0.095 U	0.095 U	0.095 U	--	0.16	0.095 U	0.095 U	**0.078**
	04/28/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	07/30/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/26/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/25/2005	0.0189 U	0.0189 U	--	--	0.0947 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0949 U	0.019 U	0.019 U	0.019 U	ND
	01/25/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/08/2006	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/24/2007	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/15/2007	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/22/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/19/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/19/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/26/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/16/2010	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/21/2011	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/30/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-37	08/12/2002	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/27/2004	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	ND
	04/29/2004	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	ND
	08/06/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	10/22/2004	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/26/2005	0.0189 U	0.0189 U	--	--	0.0946 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/25/2005	0.019 U	0.019 U	--	--	0.0951 U	0.019 U	0.019 U	0.019 U	ND
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/09/2006	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/17/2007	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/23/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/20/2008	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/31/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
MW-54	08/12/2008	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	10/06/2008	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/05/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/13/2010	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/13/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
	01/10/2012	0.956 U	0.956 U	0.956 U	0.956 U	--	0.956 U	0.956 U	0.956 U	ND
MW-55	08/14/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/03/2008	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/12/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2011	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/08/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/12/2012	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	
	08/11/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-56	08/21/2008	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	10/08/2008	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/12/2010	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2011	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--
	01/15/2015	--	--	--	--	--	--	--	--	
	08/11/2016	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/15/2020	--	--	--	--	--	--	--	--	
MW-59	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/29/2009	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/20/2011	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U	ND
	08/29/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/13/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/10/2018	0.478 U	0.478 U	0.478 U	0.478 U	--	0.478 U	0.478 U	0.478 U	ND
MW-62	09/08/2010	0.985 U	0.985 U	0.985 U	0.985 U	--	0.985 U	0.985 U	0.985 U	ND
	01/14/2011	1.24	1.07	0.951 U	1.41	--	1.29	1.04	0.989	**1.60**
	08/25/2011	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/11/2012	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/07/2012	--	--	--	--	--	--	--	--	--
	08/13/2013	--	--	--	--	--	--	--	--	--
	01/22/2014	--	--	--	--	--	--	--	--	--
	07/22/2014	--	--	--	--	--	--	--	--	--
	01/13/2015	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	cPAHs								TEQ cPAHs
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater CUL		NV	NV	NV	NV	NV	NV	NV	NV	0.012
RNWR Monitoring Well (LWBZ)										
MW-60	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	0.989	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	04/08/2009	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/07/2009	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/25/2010	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
MW-61	09/03/2010	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/02/2011	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/06/2012	--	--	--	--	--	--	--	--	--
	08/14/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	07/22/2014	--	--	--	--	--	--	--	--	--
	01/12/2015	--	--	--	--	--	--	--	--	--
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/05/2018	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	01/15/2020	--	--	--	--	--	--	--	--	--
MW-63	09/20/2012	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	--	1.03 UJ	1.03 UJ	1.03 UJ	ND
	08/14/2013	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	07/22/2014	0.152 U	0.157 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.48 U	ND
	01/12/2015	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U	ND
	01/05/2018	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND
	01/16/2020	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
Cell 1 (UWBZ)															
MW-7	08/12/2002	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.62	0.096 U	0.096 U	0.096 U	0.32
	01/26/2004	1.6	--	0.49	2.9	0.11	0.32	0.10 U	--	2.2	0.9	1.2	45	0.43	0.59
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.17	0.096 U	--	0.33	0.24	0.096 U	0.097	0.096 U	0.16
	08/09/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.13	0.096 U	0.096 U	0.096 U	0.096 U
	10/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.76	0.096 U	0.096 U	0.096 U	0.54
	01/26/2005	**66.2**	**74.7**	**55.1**	152	5.15	14	0.19 U	14.2 U	**58.3**	18.5	67.5	**1580**	76.4	12.9
	07/25/2005	2.22	0.285 U	0.0475 U	39.5	1.27	0.455	0.0225	1.42 U	3.41	8.57	1.27	0.0475 U	0.127 U	4.9
	01/27/2006	9.09	**9.69**	1.65	13.0	0.948 U	2.06	0.948 U	0.948 U	**8.8**	9.25	12.3	115	1.81	5.84
	08/10/2006	18.8	**17.7**	22.2	12.8	1.21	3.21	0.958 U	0.958 U	**11.7**	15.5	17.2	**263**	37.9	10.3
	01/25/2007	6.91	**5.00**	5.57	7.97	0.967 U	2.50	0.967 U	0.967 U	**9.73**	9.02	17.7	40.4	24.7	5.97
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/05/2008	**32.4**	**15.2**	21.3	13.7	2.32	1.71	0.954 U	0.954 U	**4.77**	4.36	19.7	45.6	21.9	2.66
	02/04/2009	1.84	0.952 U	0.990	0.952 U	0.952 U	1.17	0.952 U	0.952 U	2.21	3.29	9.66	0.971	12.2	2.16
	08/19/2009	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/26/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.29	0.951 U	0.951 U	3.80	3.67	0.951 U	1.33	1.15	2.28
	08/24/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.09	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2011	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	1.25	0.958 U	0.958 U	1.74	1.57	0.958 U	0.958 U	1.22	0.958 U
	09/01/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
MW-8S	08/13/2002	4	--	0.096 U	4.9	0.16	0.2	0.096 U	--	**11**	0.12	1.5	39	0.27	0.72
MW-42	08/12/2002	**87**	--	**480**	230	16	14	0.97 U	--	**6.7**	12	91	**6500**	77	7.5
	01/23/2004	**87**	--	**91**	160	6.9	12	0.95 U	--	**130**	9.7	82	**3000**	71	6.5
	04/30/2004	**140**	--	**660**	280	18	13	0.096 U	--	**320**	10	110	**15000**	87	9.6 U
	08/10/2004	**150**	--	**800**	310	18	13	0.96 U	--	**370**	11	120	**12000**	98	7
	10/27/2004	**110**	--	**520**	210	11	17	0.48 U	--	**190**	7.9	80	**8000**	83	5.2
	01/26/2005	26.6	**59.7**	**135**	66.7	3.64	7.28	0.191 U	14.4 U	**182**	3.98	24	**2350**	25.7	1.96
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	23.2	**40.2**	25.6	40.6	1.79	4.59	0.953 U	0.953 U	**12.3**	6.02	21.4	**416**	27.7	4.33
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-43	08/12/2002	**120**	--	**680**	290	16	27	0.96 U	--	**260**	17	120	**8400**	110	11
	01/23/2004	**190**	--	**460**	320	11	23	0.95 U	--	**150**	19	180	**3500**	160	13
	04/30/2004	**200**	--	**580**	370	13	25	0.096 U	--	**170**	23	180	**5800**	190	16
	08/11/2004	**140**	--	**220**	250	8.5	22	0.96 U	--	**20**	38	140	**1300**	140	27
	10/27/2004	**49**	--	**36**	71	1.7	14	0.48 U		**51**	30	48	**1200**	91	21
	01/27/2005	12.8	**23.6**	**49.6**	27.6	9.21	4.61	0.189 U	14.2 U	**187**	0.693	13.7	**1600**	7.38	0.189 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	**75.1**	**114**	**64.1**	145	4.77	27.1	0.955 U	0.955 U	**52.0**	37.0	77.8	**944**	132	24.1
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-44	08/13/2002	**69**	--	**310**	170	5.2	16	0.96 U	--	**130**	12	76	**2900**	77	7.8
	01/23/2004	**870**	--	**1900**	**1600**	48 U	390	12	--	**180**	**1000**	**1000**	**14000**	2200	**760**
	04/29/2004	**140**	--	**410**	260	4.7	38	1.5	--	**87**	90	140	**9000**	300	91
	08/11/2004	**1100**	--	**2700**	**2000**	40	520	18	--	**43**	**1600**	**1200**	**14000**	3000	**1200**
	10/29/2004	**5300**	--	**9400**	**5700**	160	1900	83	--	**740**	**5300**	**4100**	**42000**	11000	**4100**
	01/27/2005	**239**	**287**	**608**	467	11.2	14.5	1.92 U	144 U	**117**	11.8	166	**3570**	104	7.81
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	**73.5**	**97.5**	**122**	135	3.84	24.6	0.951 U	0.951 U	**55.8**	30.4	91.2	**947**	140	16.6
	08/10/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/01/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/17/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	**271**	**71.1**	**152**	346	9.49	231	19.8	4.66	**84.8**	**1490**	599	64.7	2240	**1110**
	08/19/2009	**50.6**	**26.8**	**42.5**	64.5	2.58	40.8	0.972 U	0.972 U	**117**	233	75.1	**249**	368	160
	01/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/2010	3.59	1.49	1.98	7.21	0.963 U	14.5	0.963 U	0.963 U	**7.40**	64.5	18.7	2.19	73.7	53.2
	01/24/2011	0.961 U	0.961 U	0.961 U	1.95	0.961 U	2.74	0.961 U	0.961 U	3.32	11	4.73	0.961 U	10.1	6.32
	09/02/2011	1.6	0.961 U	1.34	1.86	0.961 U	3.93	1.27	0.961 U	3.24	37.3	11.3	2.98	14.4	32.8
	01/20/2012	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	4.03	0.959 U	0.959 U	0.959 U	3.07
Cell 2 Monitoring Wells (UWBZ)															
E-4	07/12/2007	22.8	**9.19**	5.06	38.2	1.12	16.1	0.968 U	0.968 U	**11.8**	76.1	36.6	12.3	59.6	55.3
	09/13/2007	**41.4**	**27.8**	**33.2**	50.2	2.72	28.7	0.976 U	0.976 U	**50.3**	172	46.2	132	265	64.6
	02/12/2008	23.0	**21.3**	24.9	50.5	1.12	27.2	0.963 U	0.963 U	**11.4**	75.3	75.0	36.8	163	51.2
	08/22/2008	1.18	0.961 U	0.961 U	2.57	0.961 U	2.71	0.961 U	0.961 U	2.88	18.5	7.25	2.44	9.64	13.3
	01/13/2009	2.17	1.04	0.947 U	5.51	0.947 U	2.80	0.947 U	0.947 U	**5.17**	16.7	7.07	8.58	6.93	11.2

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
EPA-4S	09/03/2008	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	10/02/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	02/10/2009	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	04/16/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/29/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/24/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/01/2011	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U
	01/24/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
EPA-4D	09/03/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	10/02/2008	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	02/10/2009	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U	0.999 U
	04/16/2009	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/13/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/29/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/24/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/25/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	09/01/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
MW-4	05/07/2004	1.1	--	0.1	65	0.24	0.28	0.096 U	--	0.49	0.19	15	1.1	0.096 U	0.13
	07/29/2004	0.57	--	0.096 U	40	0.18	0.2	0.096 U	--	0.59	0.1	9.5	0.49	0.096 U	0.096 U
	10/22/2004	1.7	--	0.14	64	0.43	0.26	0.096 U	--	0.65	0.14	21	0.52	0.096 U	0.1
	01/24/2005	1.1	0.288 U	0.048 U	60	0.395	0.363	0.0192 U	1.44 U	0.192 U	0.121	10.4	0.048 U	0.0192 U	0.175
	07/20/2005	0.194	**23.4**	0.0473 U	28	0.0939	0.0804	0.0189 U	1.42 U	0.385	0.045	0.0189 U	0.595	0.0564	0.0332
	01/23/2006	0.949 U	**20.7**	0.949 U	39.2	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	10.7	0.949 U	0.949 U	0.949 U
	08/08/2006	1.01 U	**12.7**	1.01 U	14.3	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.35	1.01 U	1.01 U	1.01 U
	01/24/2007	0.952 U	**36.4**	0.952 U	43.9	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	14.6	0.952 U	0.952 U	0.952 U
	08/14/2007	0.951 U	**30.2**	0.951 U	34.4	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	9.91	0.951 U	0.951 U	0.951 U
	01/17/2008	0.949 U	**27.9**	0.949 U	38.6	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	11.3	0.949 U	0.949 U	0.949 U
	08/13/2008	0.948 U	**14.5**	0.948 U	17.2	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	4.24	0.948 U	0.948 U	0.948 U
	01/29/2009	0.944 U	**16.4**	0.944 U	27.2	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	8.51	2.25	0.944 U	0.944 U
	08/18/2009	0.951 U	**16.5**	0.951 U	23.3	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	7.09	0.951 U	0.951 U	0.951 U
	01/19/2010	0.945 U	**21.9**	0.945 U	40.9	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	12.1	0.945 U	0.945 U	0.945 U
	08/13/2010	0.95 U	**22.4**	0.95 U	34.6	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	11.6	0.95 U	0.95 U	0.95 U
	01/20/2011	0.951 U	**40**	0.951 U	52.6	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	18	0.951 U	0.951 U	0.951 U
	08/26/2011	0.954 U	**16.4**	0.954 U	22.9	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	7.27	0.954 U	0.954 U	0.954 U
	01/13/2012	0.951 U	**38.6**	0.951 U	43.8	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	14.2	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-5	01/26/2004	0.095 U	--	0.095 U	17	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	2.8	0.32	0.095 U	0.095 U
	05/07/2004	0.096 U	--	0.096 U	34	0.1	0.16	0.096 U	--	0.096 U	0.096 U	5.2	0.46	0.096 U	0.096 U
	07/29/2004	0.096 U	--	0.096 U	29	0.12	0.12	0.096 U	--	0.096 U	0.096 U	5	2.3	0.096 U	0.096 U
	10/22/2004	0.096 U	--	0.096 U	39	0.18	0.29	0.096 U	--	0.096 U	0.096 U	4.2	0.096 U	0.096 U	0.096 U
	01/24/2005	1.89 U	--	0.473 U	40.1	0.189 U	0.289	0.189 U	14.2 U	1.89 U	0.189 U	5.21	0.473 U	0.189 U	0.189 U
	07/20/2005	0.191 U	**11.3**	0.0478 U	34.9	0.0893	0.0844	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.189	0.112	0.0191 U
	01/24/2006	0.952 U	**7.31**	0.952 U	27.2	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.32	0.952 U	0.952 U	0.952 U
	08/08/2006	1.01 U	**5.09**	1.01 U	22.8	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.62	1.01 U	1.01 U	1.01 U
	01/24/2007	0.953 U	**4.42**	0.953 U	26.8	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	4.25	0.953 U	0.953 U	0.953 U
	08/14/2007	0.946 U	**4.54**	0.946 U	23.8	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	3.68	0.946 U	0.946 U	0.946 U
	01/17/2008	0.952 U	**5.75**	0.952 U	31.4	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	4.72	3.59	0.952 U	0.952 U
	08/13/2008	0.951 U	**6.90**	0.951 U	30.5	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.56	2.10	0.951 U	0.951 U
	01/29/2009	0.946 U	**6.07**	0.946 U	30.0	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	3.92	0.946 U	0.946 U	0.946 U
	08/18/2009	0.947 U	**5.09**	0.947 U	31.2	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.85	0.947 U	0.947 U	0.947 U
	01/22/2010	0.947 U	**2.04**	0.947 U	37.9	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.54	0.947 U	0.947 U	0.947 U
	08/13/2010	0.946 U	0.946 U	0.946 U	21.2	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.85	0.946 U	0.946 U	0.946 U
	01/20/2011	0.952 U	0.952 U	0.952 U	41.1	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	3.23	0.952 U	0.952 U	0.952 U
	08/26/2011	0.951 U	0.951 U	0.951 U	26.3	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.21	0.951 U	0.951 U	0.951 U
	01/13/2012	0.953 U	0.953 U	0.953 U	21.4	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
PZ-06	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.84	0.952 U	0.952 U
	01/16/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/12/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.949 U	0.958	0.949 U	3.1	1.01	2.93	1.05	2.87	1.35	2.65	0.949 U	0.949 U	2.99	1.02
	01/13/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/01/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/10/2012	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
MW-10	08/06/2002	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	01/23/2007	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/14/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/17/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-13	08/08/2002	0.097 U	--	0.097 U	4.5	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.17	0.097 U
	01/26/2004	0.095 U	--	0.095 U	8	0.095 U	0.17	0.095 U	--	0.095 U	0.12	0.16	0.2	0.27	0.097
	05/05/2004	0.10 U	--	0.10 U	6.4	0.10 U	0.14	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	0.22	0.10 U
	07/28/2004	0.096 U	--	0.096 U	5.7	0.096 U	0.11	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.22	0.096 U
	10/20/2004	4.2	--	4.7	18	0.32	0.43	0.096 U	--	1.5	0.38	3.9	24	7	0.28
	01/21/2005	0.535	0.538	0.482	9.96	0.019 U	0.392	0.019 U	1.42 U	0.19 U	0.341	0.89	1.53	1.96	0.244
	07/20/2005	0.191 U	0.286 U	0.0477 U	8.24	0.0378	0.0807	0.0191 U	1.43 U	0.191 U	0.115	0.0757	0.0651	0.478	0.121
	01/23/2006	0.952 U	0.952 U	0.952 U	5.22	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/07/2006	0.951 U	0.951 U	0.951 U	4.83	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/23/2007	0.949 U	0.949 U	0.949 U	4.86	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/09/2007	0.95 U	0.95 U	0.95 U	5.20	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/15/2008	0.955 U	0.955 U	0.955 U	4.69	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/11/2008	0.949 U	0.949 U	0.949 U	4.65	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/23/2009	**61.7**	**166**	**216**	156	0.95 U	5.68	0.95 U	**6.79**	**7.30**	2.89	53.7	**1220**	31.5	1.79
	08/14/2009	23	**49.4**	**55.6**	56.1	0.951 U	1.56	0.951 U	2.64	1.61	1.57	20.6	**290**	12.9	0.951 U
	01/11/2010	**47.9**	**103**	**128**	140	0.951 U	2.83	0.951 U	3.85	1.10	2.25	45.1	**379**	24.6	1.64
	08/11/2010	**35.2**	**40.6**	21.3	85.3	2.96	1.77	0.952 U	1.77	0.952 U	0.952 U	31.1	51.5 B	4.32	0.952 U
	01/12/2011	21.2	**31.7**	20.9	51	0.956 U	1.21	0.956 U	0.956 U	0.956 U	0.956 U	19	36.6	7.05	0.956 U
	08/23/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/09/2012	18.8	**20.1**	6.1	54.8	0.97 U	1.12	0.97 U	0.97 U	0.97 U	0.97 U	18.5	2.39	5.47	0.97 U
MW-14	08/08/2002	0.096 U	--	0.096 U	0.17	0.096 U	0.096 U	0.096 U	--	0.1	0.096 U	0.096 U	0.096 U	0.18	0.096 U
	01/22/2004	0.096 U	--	0.096 U	0.35	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/04/2004	0.096 U	--	0.096 U	0.27	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	07/28/2004	0.096 U	--	0.096 U	0.32	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/20/2004	0.096 U	--	0.096 U	0.4	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/21/2005	0.191 U	0.286 U	0.0477 U	0.442	0.0191 U	0.0767	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.0477 U	0.0191 U	0.0191 U
	07/20/2005	0.19 U	0.285 U	0.0474 U	0.356	0.019 U	0.019 U	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0474 U	0.0238	0.019 U
	01/23/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/07/2006	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/16/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-15	08/08/2002	15	--	0.096 U	0.22	0.12	0.22	0.096 U	--	**59**	0.096 U	0.85	0.38	1.6	0.096 U
	01/21/2004	15	--	0.096 U	0.096 U	0.28	2.0 U	0.096 U	--	**45**	0.096 U	0.92	0.29	2.0 U	0.096 U
	05/05/2004	21	--	0.096 U	0.12	0.25	0.51	0.096 U	--	**60**	0.096 U	1.5	0.45	1.7	0.096 U
	07/28/2004	11	--	0.096 U	0.12	0.16	0.42	0.096 U	--	**34**	0.096 U	1.7	0.35	1.8	0.096 U
	10/20/2004	26	--	0.097 U	0.17	0.19	0.47	0.097 U	--	**62**	0.097 U	1.8	0.52	1.8	0.097 U
	01/21/2005	21.1	**1.92**	0.0481 U	0.0192 U	1.19	0.0192 U	0.0192 U	1.44 U	**58**	0.0192 U	1.6	0.568	0.0192 U	0.0192 U
	07/20/2005	21.5 J	**3.5 J**	0.479 UR	0.543 J	0.222 J	0.228 J	0.192 UR	14.4 UR	**74.8 J**	0.192 UR	2.18 J	0.773 J	1.83 J	0.192 UR
	01/23/2006	18.5	**10.1**	0.949 U	2.01	0.949 U	0.949 U	0.949 U	0.949 U	**62.9**	0.949 U	1.46	2.32	2.46	0.949 U
	08/07/2006	11.7	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U	**37.3**	0.962 U	0.962 U	0.962 U	0.962 U	0.962 U
	01/18/2007	12.5	**2.95**	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**37.2**	0.955 U	1.43	0.955 U	0.955 U	0.955 U
	08/10/2007	9.83	1.01	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**25.1**	0.95 U	1.87	0.95 U	0.95 U	0.95 U
	01/16/2008	9.53	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**24.8**	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2008	7.60	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	**15.0**	0.957 U	1.52	0.957 U	0.957 U	0.957 U
	09/03/2008	7.15	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**16.0**	0.948 U	1.55	0.948 U	0.948 U	0.948 U
	01/26/2009	9.83	**1.55**	1.39	2.24	0.945 U	0.945 U	0.945 U	0.945 U	**18.1**	0.945 U	2.88	6.62	0.945 U	0.945 U
	08/17/2009	7.83	**2.83**	2.49	4.31	0.946 U	0.946 U	0.946 U	0.946 U	**7.01**	0.946 U	2.89	12.4	0.946 U	0.946 U
	01/12/2010	4.70	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.62	0.947 U	0.994	0.947 U	0.947 U	0.947 U
	08/11/2010	1.36	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/13/2011	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/23/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/10/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-16	08/07/2002	1	--	0.78	2.3	0.15	0.38	0.11 U	--	1.6	0.47	1.5	32	1.5	0.39
	01/23/2004	1.5	--	0.7	2.8	0.12	0.44	0.095 U	--	1.7	0.22	1.9	14	0.45	0.14
	05/06/2004	2	--	1.6	3.8	0.27	0.53	0.096 U	--	1.6	0.21	2.2	24	0.57	0.14
	07/30/2004	1.4	--	0.67	2.7	0.096 U	0.46	0.096 U	--	1.7	0.2	1.7	0.2	0.49	0.13
	10/26/2004	1.7	--	0.49	3.2	0.23	0.75	0.096 U	--	1.4	0.28	2	7.8	0.25	0.19
	01/25/2005	0.959	**3.83**	0.706	1.71	0.019 U	0.881	0.019 U	1.42 U	1.15	0.21	1.79	0.0474 U	0.328	0.019 U
	07/25/2005	1.7	**8.1**	0.77	3.33	0.189	0.306	0.019 U	1.43 U	1.37 U	0.238	2.1	10.3	0.384 U	0.166
	01/25/2006	1.48	**5.07**	0.947 U	2.55	0.947 U	0.947 U	0.947 U	0.947 U	1.67	0.947 U	1.69	8.00	0.947 U	0.947 U
	08/10/2006	1.36	**3.26**	0.95 U	2.42	0.95 U	0.95 U	0.95 U	0.95 U	0.978	0.95 U	1.54	1.47	0.95 U	0.95 U
	01/25/2007	1.32	**1.92**	0.951 U	2.43	0.951 U	0.951 U	0.951 U	0.951 U	1.16	0.951 U	2.01	2.48	0.951 U	0.951 U
	08/16/2007	1.52	**3.05**	0.95 U	3.06	0.95 U	0.95 U	0.95 U	0.95 U	1.07	0.95 U	1.84	1.36	0.95 U	0.95 U
	01/22/2008	1.26	**1.89**	0.954 U	2.40	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.54	1.56	0.954 U	0.954 U
	08/19/2008	1.39	0.949 U	0.949 U	2.94	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.74	0.949 U	0.949 U	0.949 U
	01/30/2009	1.11	0.947 U	0.947 U	2.15	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	1.30	0.947 U	0.947 U	0.947 U
	08/12/2009	1.54 U	1.54 U	1.54 U	1.81	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
	01/21/2010	0.946 U	0.946 U	0.946 U	1.66	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.05	0.946 U	0.946 U	0.946 U
	08/17/2010	0.95 U	0.95 U	0.95 U	1.35	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/21/2011	1.19	0.953 U	0.953 U	2.81	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.78	0.953 U	0.953 U	0.953 U
	08/30/2011	0.956 U	0.956 U	0.956 U	2.38	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.57	0.956 U	0.956 U	0.956 U
	01/19/2012	0.952 U	0.952 U	0.952 U	1.58	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.99	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-17	08/07/2002	0.11 U	--	0.11 U	1.2	0.11 U	0.11 U	0.11 U	--	0.11 U	0.4	0.67	0.15	0.11 U	0.25
	01/26/2004	0.097 U	--	0.14	1.5	0.097 U	0.15	0.097 U	--	0.097 U	0.097 U	0.62	1.6	0.097 U	0.097 U
	05/06/2004	0.096 U	--	0.096 U	1.4	0.096 U	0.2	0.096 U	--	0.096 U	0.12	0.55	0.28	0.096 U	0.096 U
	07/30/2004	0.096 U	--	0.096 U	1.6	0.096 U	0.21	0.096 U	--	0.096 U	0.35	0.86	0.096 U	0.096 U	0.18
	10/26/2004	0.096 U	--	0.096 U	1.8	0.096 U	0.098	0.096 U	--	0.096 U	0.1	0.7	0.096 U	0.096 U	0.096 U
	01/24/2005	0.189 U	0.283 U	0.0472 U	1.84	0.0189 U	0.36	0.0189 U	1.42 U	0.189 U	0.384	0.942	0.165	0.0189 U	0.317
	07/25/2005	0.19 U	0.286 U	0.194	1.98	0.019 U	0.113	0.019 U	1.43 U	0.19 U	0.789	1.03	2.45	0.124 U	0.479
	01/24/2006	0.951 U	0.951 U	0.951 U	1.53	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2006	1.01 U	1.01 U	1.01 U	1.45	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	3.12	1.01 U	1.01 U
	01/24/2007	0.951 U	0.951 U	0.951 U	1.04	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/15/2007	0.948 U	0.948 U	0.948 U	1.42	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/18/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.10	0.951 U	0.951 U
MW-18	07/29/2004	**160**	--	**1200**	340	9.6 U	12	0.096 U	--	**210**	9.6 U	130	**20000**	86	9.6 U
	07/25/2005	**155**	**464**	**885**	326	7.66	12.9	1.9 U	143 U	**228**	10.5	128	**16900**	101	7.59
	01/24/2006	**106**	**320**	**539**	208	5.54	8.24	0.951 U	0.951 U	**192**	11.8	64.5	**7820**	59.9	6.94
	08/08/2006	NS	**NS**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/24/2007	**94.7**	**305**	**551**	224	5.64	10.5	0.954 U	0.954 U	**174**	11.7	78.4	**8670**	61.2	11.0
	08/15/2007	**59.8**	**253**	**408**	159	0.95 U	7.68	0.95 U	0.95 U	**135**	8.12	48.5	**5740**	38.8	4.75
	01/18/2008	**170**	**487**	**915**	343	5.03	8.29	0.952 U	0.952 U	**267**	6.00	88.0	**12000**	64.2	4.65
MW-21	08/08/2002	**48**	--	**140**	52	1	1	0.097 U	--	**110**	0.097 U	25	**3800**	16	0.097 U
	05/06/2004	**53**	--	27	87	1.3	3.2	0.096 U	--	**88**	0.2	41	**3900**	23	0.17
	07/30/2004	31	--	0.84	51	1.1	2.4	0.096 U	--	**21**	0.17	25	**350**	12	0.12
	10/26/2004	**34**	--	0.52	53	1.3	2.7	0.48 U	--	**46**	0.48 U	26	**1000**	16	0.48 U
	01/25/2005	11.3	**33.8**	1.88	19.3	0.628	1.99	0.189 U	14.2 U	**21.3**	0.189 U	12.3	**867**	9.43	0.189 U
	07/25/2005	**37**	**125**	**59.7**	67.9	1.9 U	2.11	1.9 U	143 U	**31.9**	1.9 U	32.6	**2760**	18.1	1.9 U
	01/25/2006	25.7	**51.1**	5.05	42.8	0.951 U	1.60	0.951 U	0.951 U	**30.2**	0.951 U	22.5	**491**	15.9	0.951 U
	08/10/2006	11.8	**4.92**	0.949 U	22.6	0.949 U	0.949 U	0.949 U	0.949 U	**12.8**	0.949 U	1.68	0.949 U	2.64	0.949 U
	01/25/2007	**33.7**	**11.1**	2.10	64.9	1.02	1.15	0.95 U	0.95 U	**22.3**	0.95 U	4.55	36.3	2.35	0.95 U
	08/16/2007	8.47	0.952 U	0.952 U	1.10	0.952 U	0.952 U	0.952 U	0.952 U	**11.3**	0.952 U	1.89	1.95	0.952 U	0.952 U
	01/22/2008	12.0	0.958 U	0.958 U	1.73	0.958 U	0.958 U	0.958 U	0.958 U	**16.4**	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/19/2008	7.26	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.71	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/30/2009	2.29	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/19/2012	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	0.963 U	2.29	0.963 U	0.963 U	0.963 U	1.92
	08/12/2009	1.56	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/21/2010	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/17/2010	10.2	**2.49**	2.32	20.7	1.12	1.76	0.962 U	0.962 U	**16.8**	9.66	11.1	22.5 B	1.91	4.64
	01/21/2011	0.96 U	0.96 U	0.96 U	1.16	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	3.18	0.96 U	8.49	0.96 U	2.16
	08/30/2011	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	5.2	0.959 U	0.959 U	0.959 U	3.6

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-23	08/06/2002	0.097 U	--	0.2	0.097 U	0.29	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.12	0.097 U	0.097 U
	01/22/2004	0.096 U	--	0.096 U	0.096 U	0.27	0.35	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/03/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.29	0.096 U	--	0.096 U	0.096 U	0.096 U	0.8	0.096 U	0.096 U
	07/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.11	0.096 U	0.096 U
	10/19/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.12 U	0.096 U	0.096 U
	01/21/2005	0.19 U	0.285 U	2.14	0.019 U	0.019 U	0.334	0.019 U	1.43 U	0.19 U	0.019 U	0.019 U	0.0475 U	0.019 U	0.019 U
	07/20/2005	0.192 UR	0.288 UR	0.0479 UR	0.0192 UR	0.219 J	0.0306 J	0.0192 UR	1.44 UR	0.192 UR	0.0192 UR	0.0192 UR	0.0479 UR	0.0214 J	0.0244 J
	01/20/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/07/2006	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/23/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/09/2007	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/15/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/11/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/30/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25	08/12/2002	0.89	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.27	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/27/2004	0.91	--	0.096 U	0.096 U	0.096 U	0.24	0.096 U	--	0.11	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	04/29/2004	0.74	--	0.096 U	0.096 U	0.096 U	0.22	0.096 U	--	0.13	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	1	--	0.096 U	0.096 U	0.096 U	0.16	0.096 U	--	0.38	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/22/2004	2.6	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.98	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/26/2005	1.55	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.205	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.811	0.286 U	0.0477 U	0.0191 U	0.0191 U	0.06 U	0.0191 U	1.43 U	0.191 U	0.0191 U	0.0191 U	0.0628	0.0352 U	0.0191 U
	01/26/2006	1.25	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/09/2006	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/17/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/27/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/31/2011	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-26	01/26/2004	**180**	--	**1100**	370	8	10	0.95 U	--	**160**	5.3	130	**15000**	100	3.5
	05/05/2004	**140**	--	**1100**	310	8.6	8.9	2.0 U	--	**140**	4.8	99	**16000**	86	3
	07/29/2004	**160**	--	**1200**	350	9.6 U	11	0.096 U	--	**170**	9.6 U	120	**16000**	100	4.8
	10/25/2004	**150**	--	**950**	320	2.8	4	0.20 U	--	**150**	2.7	100	**14000**	88	1.9
	01/24/2005	**102**	2.85 U	**920**	257	4.89	12.1	0.345	14.2 U	**153**	13.9	89.1	**11000**	109	11.8
	07/25/2005	**136**	**478**	**818**	1.9 U	7.17	7.22	1.9 U	143 U	**148**	3.71	103	**10300**	74.9	2.1
	01/24/2006	**91.4**	**331**	**547**	197	4.62	6.47	0.947 U	0.947 U	**109**	3.31	72.3	**6490**	59.5	1.75
	08/08/2006	**96.6**	**394**	**668**	240	4.69	8.88	1.01 U	1.01 U	**128**	8.11	79.6	**7360**	70.8	5.42
	01/24/2007	**85.4**	**341**	**578**	215	4.51	5.04	0.957 U	0.957 U	**114**	3.69	71.0	**6930**	56.6	2.49
	08/15/2007	**48.4**	**217**	**335**	84.9	0.948 U	4.21	0.948 U	0.948 U	**55.4**	2.43	40.7	**4360**	30.4	1.28
	01/18/2008	**143**	**496**	**886**	310	6.86	9.19	0.96 U	0.96 U	**143**	6.09	103	**10800**	92.4	4.29
	08/15/2008	**75.4**	**488**	**672**	246	5.32	6.17	1 U	1 U	**90.0**	4.02	55.8	**10400**	48.4	2.31
	01/28/2009	**76.4**	**284**	**372**	228	6.29	10.7	0.947 U	0.947 U	**75.0**	13.5	69.6	**6620**	64.4	9.40
	08/18/2009	**94.4**	**361**	**536**	249	3.51	8.33	0.951 U	0.951 U	**126**	7.52	76	**8710**	81.1	5.25
	01/25/2010	**154**	**514**	**921**	311	7.30	14.0	0.951 U	0.951 U	**181**	13.8	90.1	**13600**	75.4	11.2
	08/16/2010	**54.1**	**346**	**590**	187	2.34	6.71	0.952 U	0.952 U	**85.3**	7.32	43.4	**7640**	44.8	5.35
	01/20/2011	**92.1**	**552**	**946**	269	6.84	9.23	0.957 U	0.957 U	**167**	6.38	68.7	**12700**	64.3	3.94
	08/30/2011	**46.9**	**271**	**450**	155	4.41	5.61	0.956 U	0.956 U	**120**	4.64	39.4	**4640**	30.2	2.99
	01/23/2012	**87.3**	**175**	**335**	123	4.2	7.94	0.956 U	0.956 U	**70.5**	5.03	62.7	**1930**	57.2	3.8
MW-27	01/26/2004	0.65	--	16	7.3	0.095 U	0.11	0.095 U	--	0.83	0.095 U	0.76	**1200**	0.095 U	0.095 U
	05/07/2004	0.56	--	19	7.9	0.096 U	0.13	0.096 U	--	0.81	0.096 U	0.67	**1500**	0.096 U	0.096 U
	07/29/2004	0.48	--	13	5.7	0.096 U	0.096 U	0.096 U	--	0.82	0.096 U	0.56	**1000**	0.096 U	0.096 U
	10/20/2004	0.56	--	15	6.9	0.096 U	0.096 U	0.096 U	--	0.9	0.096 U	0.67	**1100**	0.096 U	0.096 U
	01/21/2005	1.89 U	**11.3**	15.2	7.75	0.189 U	0.266	0.189 U	14.2 U	1.89 U	0.189 U	0.889	**913**	0.189 U	0.189 U
	07/20/2005	0.709	**10.2**	14.3	6.47	0.0761	0.0741	0.0192 U	1.44 U	1.23	0.0192 U	0.833	**984**	0.0253	0.0192 U
	01/23/2006	0.951 U	**9.35**	12.1	5.76	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**644**	0.951 U	0.951 U
	08/07/2006	0.951 U	**7.10**	9.50	4.49	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**518**	0.951 U	0.951 U
	01/24/2007	0.95 U	**6.93**	9.63	5.00	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**538**	0.95 U	0.95 U
	08/14/2007	0.951 U	**8.32**	10.7	5.39	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**372**	0.951 U	0.951 U
	01/17/2008	0.96 U	**10.9**	13.1	6.54	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	**706**	0.96 U	0.96 U
	01/22/2010	0.945 U	**6.75**	8.73	5.09	0.945 U	0.945 U	0.945 U	1.06	0.945 U	0.945 U	0.945 U	**871**	0.945 U	0.945 U
	08/29/2011	0.953 U	**7.87**	9.25	5.63	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.991	**331**	0.953 U	0.953 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-38	08/07/2002	0.4	--	0.12	0.56	0.097 U	0.18	0.097 U	--	1.5	0.097 U	0.12	0.94	0.097 U	0.097 U
dup	08/07/2002	0.39	--	0.11	0.59	0.097 U	0.097 U	0.097 U	--	1.3	0.097 U	0.13	0.46	0.097 U	0.097 U
	01/27/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.31	0.095 U	--	0.097	0.095 U	0.095 U	0.095	0.095 U	0.095 U
dup	01/27/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.32	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	05/06/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.28	0.097 U	--	0.17	0.097 U	0.097 U	0.16	0.097 U	0.097 U
dup	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.27	0.096 U	--	0.17	0.096 U	0.096 U	0.15	0.096 U	0.096 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.21	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
dup	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.22	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/29/2004	2.6	--	0.096 U	1.3	0.096 U	0.23	0.096 U	--	1.4	0.096 U	0.39	0.17	0.096 U	0.096 U
dup	10/29/2004	3	--	0.096 U	1.5	0.096 U	0.26	0.096 U	--	1.5	0.096 U	0.47	0.17	0.096 U	0.096 U
	01/25/2005	0.189 U	0.283 U	0.0471 U	0.0189 U	0.0646	1.14	0.0189 U	1.41 U	0.189 U	0.0189 U	0.308	0.0471 U	0.0189 U	0.0189 U
dup	01/25/2005	0.189 U	0.283 U	0.0471 U	0.0189 U	0.0741	1.25	0.0189 U	1.41 U	0.189 U	0.0189 U	0.338	0.0471 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.286 U	0.0476 U	0.583	0.146	0.168	0.019 U	1.43 U	0.19 U	0.019 U	0.019 U	0.283	0.0407 U	0.0232 U
	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
dup	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/10/2006	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
dup	08/10/2006	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/25/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
dup	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/16/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
dup	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
dup	01/23/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.37	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
dup	08/21/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.07	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	02/02/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
dup	02/02/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2009	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
dup	08/12/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
dup	01/21/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.42 B	0.951 U	0.951 U
dup	08/17/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.67 B	0.951 U	0.951 U
	01/21/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.42
	08/31/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.96	0.957 U	0.957 U	0.957 U	3.36
dup	08/31/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	2.04	0.954 U	0.954 U	0.954 U	3.55
	01/19/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	3.37	0.958 U	0.958 U	0.958 U	4.09
dup	01/19/2012	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.75	0.952 U	0.952 U	0.952 U	3.34

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-39	08/07/2002	0.49	--	0.097 U	0.74	0.097 U	0.097 U	0.097 U	--	0.76	0.15	0.71	0.37	0.097 U	0.097 U
	01/27/2004	0.098 U	--	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U
dup	01/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
dup	05/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.11	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/06/2004	0.11	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.11	0.096 U	0.096 U	0.096 U	0.096 U
dup	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.1	0.096 U	0.096 U	0.096 U	0.096 U
	10/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
dup	10/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/25/2005	0.19 U	0.284 U	0.0474 U	0.019 U	0.019 U	0.218	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0474 U	0.019 U	0.019 U
dup	01/25/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.208	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.285 U	0.0475 U	0.019 U	0.0768 U	0.366	0.019 U	1.43 U	0.381 U	0.0225 U	0.0231 U	0.0475 U	0.0617 U	0.019 U
dup	07/25/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.115 U	0.237	0.0189 U	1.42 U	0.193 U	0.0189 U	0.0299 U	0.0473 U	0.0459 U	0.0189 U
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
dup	01/26/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
dup	08/10/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/25/2007	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
dup	01/25/2007	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/16/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
dup	08/16/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/23/2008	2.14	**1.63**	0.952 U	2.87	0.952 U	0.952 U	0.952 U	0.952 U	2.29	0.952 U	1.48	0.952 U	0.952 U	0.952 U
dup	01/23/2008	2.42	**1.78**	0.951 U	3.10	0.951 U	1.03	0.951 U	0.951 U	2.80	0.951 U	1.74	0.951 U	0.951 U	0.951 U
	08/21/2008	2.68	0.947 U	0.947 U	1.26	0.947 U	0.947 U	0.947 U	0.947 U	1.29	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
dup	08/21/2008	4.49	0.949 U	0.949 U	2.02	0.949 U	0.949 U	0.949 U	0.949 U	3.06	1.34	0.949 U	0.949 U	0.949 U	0.949 U
	02/02/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
dup	02/02/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2009	3.29	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.88	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U
dup	08/12/2009	3.12	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.75	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/21/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
dup	01/21/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/17/2010	3.69	**1.84**	0.949 U	1.92	0.949 U	1.14	0.949 U	0.949 U	**4.45**	0.949 U	3.14	2.52 B	3.43	0.949 U
dup	08/17/2010	3.14	**1.55**	0.948 U	1.63	0.948 U	0.948 U	0.948 U	0.948 U	3.75	0.948 U	2.73	2.03 B	3.01	0.948 U
	01/21/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/31/2011	1.19	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.982	1.12	0.953 U	0.953 U	1.01	0.953 U
dup	08/31/2011	1.07	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.982	0.953 U	0.953 U	1.52	0.953 U
	01/19/2012	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
dup	01/19/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-48S	08/20/2008	0.954 U	0.954 U	0.954 U	2.71	0.954 U	1.18	0.954 U	0.954 U	**4.98**	14.0	0.954 U	0.954 U	0.954 U	8.46
	10/08/2008	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	3.00	0.967 U	0.967 U	0.967 U	1.59
	02/02/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.73	0.949 U	0.949 U	0.949 U	1.02
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	2.05	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.07	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.36	0.948 U	0.948 U	0.948 U	1.52
	08/17/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.23	0.952 U	0.952 U	0.962	7.86	0.952 U	0.952 U	0.952 U	6.17
	01/24/2011	13.9	**20.2**	28.4	20.5	0.956 U	2.52	0.956 U	0.956 U	**15.6**	3.53	19.3	**219**	10.2	3.45
	08/31/2011	0.96 U	0.96 U	0.96 U	1.86	0.96 U	1.21	0.96 U	0.96 U	2.61	10.4	0.96 U	0.96 U	0.96 U	8.8
	01/20/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	8.6	0.957 U	0.957 U	**4.56**	27.6	2.71	2.3	17.8	24.6
MW-49D	08/19/2008	**40.1**	**19.9**	20.4	59.5	2.93	2.12	0.955 U	0.955 U	**49.1**	4.48	22.8	144	54.9	2.76
	10/03/2008	**59.6**	**83.1**	**120**	5.90	9.95	0.958 U	0.958 U	**68.5**	**51.4**	16.2	55.3	**483**	70.7	9.20
	01/26/2009	11.1	**5.26**	8.06	6.32	0.967 U	1.37	0.967 U	0.967 U	**19.0**	7.36	7.25	29.7	19.4	4.90
	04/06/2009	**143**	**73.6**	**160**	219	20.9	21.8	0.978 U	2.08	**132**	42.4	131	**298**	270	27.9
	08/14/2009	**37.2**	**18.6**	30.1	61.8	5.47	8.72	0.965 U	2.71	**50.2**	24.9	37.4	42.2	75.4	15.6
	01/12/2010	2.32	**1.17**	1.50	2.67	0.967 U	0.967 U	0.967 U	0.967 U	**11.8**	1.57	1.27	10.2	5.90	1.09
	08/11/2010	11.1	**9.42**	15.1	70.1	4.09	10.7	0.973 U	0.973 U	**13.5**	51.3	18.0	74.1 B	66.4	39.1
	01/13/2011	0.966 U	**2.65**	4.19	37.4	1.71	11.7	0.966 U	0.966 U	3.61	37.8	6.02	22.2	38.8	29.9
	08/23/2011	0.979 U	**5.76**	9.85	22.5	1.8	10.2	0.979 U	0.979 U	**5.53**	39.9	11.3	28.4	33.8	31.3
	01/10/2012	4.27	**6.51**	9.44	30.9	1.52	11.3	0.954 U	0.954 U	**7.16**	60.7	9.95	51	61.2	50.5
MW-50S	08/19/2008	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	10/08/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/30/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.39	0.95 U	0.95 U
	01/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/21/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/30/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.16	0.952 U	0.952 U
	01/19/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-51D	08/12/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/26/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	04/06/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/13/2010	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	08/12/2010	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	1.00	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/13/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	08/24/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/10/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-52D	08/14/2008	30.5	**57.6**	**85.7**	47.5	1 U	3.26	1 U	1 U	**19.3**	3.14	21.3	**671**	26.5	1.81
	10/07/2008	13.4	**20.6**	14.7	0.95 U	2.71	0.95 U	0.95 U	**8.98**	**11.8**	5.01	11.0	72.4	19.7	3.39
	01/30/2009	4.07	**3.19**	3.97	2.80	0.953 U	0.953 U	0.953 U	0.953 U	**5.41**	1.81	2.98	22.8	5.35	1.29
	04/09/2009	2.09	**2.09**	2.43	1.57	0.951 U	0.951 U	0.951 U	0.951 U	**5.22**	1.37	6.32	18.2	3.07	0.951 U
	08/18/2009	0.954 U	0.954 U	0.954 U	2.91	0.954 U	0.954 U	0.954 U	0.954 U	3.52	1.3	0.954 U	2.94	0.954 U	0.954 U
	01/25/2010	0.955 U	0.955 U	0.955 U	1.62	0.955 U	0.955 U	0.955 U	0.955 U	1.22	1.38	0.955 U	13.4	0.955 U	1.19
	08/16/2010	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	2.62 B	0.961 U	0.961 U
	01/20/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	1.21	0.956 U	2.87	0.956 U	0.956 U
	08/30/2011	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	2.02	0.961 U	0.98	0.961 U	1.48
	01/23/2012	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	1.12	0.959 U	0.959 U	0.959 U	1.06
MW-53S	08/14/2008	0.967 U	**1.55**	0.967 U	8.12	0.967 U	0.967 U	0.967 U	0.967 U	1.66	0.967 U	0.977	0.967 U	0.967 U	0.967 U
	10/07/2008	**195**	**62.7**	**87.7**	1.53	0.951 U	0.951 U	0.951 U	**64.7**	**35.0**	0.951 U	29.0	**6240**	3.79	0.951 U
	01/28/2009	**48.8**	**189**	28.1	135	0.947 U	0.947 U	0.947 U	0.947 U	**72.7**	0.947 U	43.0	**5890**	7.75	0.947 U
	04/10/2009	26.8	**106**	20.6	72.6	1.35	0.945 U	0.945 U	0.945 U	**58.3**	0.945 U	25.1	**3280**	5.30	0.945 U
	08/18/2009	12.5	**36.9**	2.41	41.7	2.1	0.944 U	0.944 U	0.944 U	**28.4**	0.944 U	12.8	**459**	1.88	0.944 U
	01/20/2010	**58.2**	**227**	**44.9**	144	1.93	0.949 U	0.949 U	0.949 U	**124**	0.949 U	51.9	**14200**	11.6	0.949 U
	08/16/2010	28.1	**158**	**39.7**	62.6	1.06	0.949 U	0.949 U	0.949 U	**64.4**	0.949 U	24.3	**3730**	6.03	0.949 U
	01/18/2011	**60.1**	**349**	**177**	179	2.78	1.32	0.952 U	0.952 U	**206**	0.952 U	53	**11100**	15.2	0.952 U
	08/11/2011	**48.2**	**262**	**154**	93.4	2.29	2.03	0.957 U	0.957 U	**87.2**	0.957 U	46.8	**7280**	18.3	0.957 U
	01/17/2012	**54.4**	**191**	**101**	111	1.51	0.951 U	0.951 U	0.951 U	**115**	0.951 U	49.4	**4740**	12.6	0.951 U
MW-53D	08/14/2008	16.0	**2.33**	0.951 U	1.22	0.951 U	0.951 U	0.951 U	0.951 U	**24.3**	0.951 U	6.57	41.8	0.951 U	0.951 U
	10/07/2008	2.66	**1.59**	1.57	0.948 U	0.948 U	0.948 U	0.948 U	**12.8**	**7.49**	0.948 U	2.74	43.1	1.48	0.948 U
	01/28/2009	12.8	**3.88**	4.35	2.79	0.949 U	0.949 U	0.949 U	0.949 U	**19.5**	0.949 U	6.60	27.8	6.85	0.949 U
	04/10/2009	11.9	**4.44**	6.27	2.63	1.28	0.949 U	0.949 U	0.949 U	**20.5**	1.99	18.5	33.3	14.5	0.977
	08/17/2009	2.2	0.948 U	0.948 U	1.97	0.948 U	0.948 U	0.948 U	2.62	**14.3**	0.948 U	5	6.66	0.948 U	0.948 U
	01/20/2010	1.50	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**5.81**	0.951 U	2.09	6.69	0.951 U	0.951 U
	08/16/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.37	0.951 U	0.951 U	0.951 U	0.998
	01/18/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.2	0.956 U	1.46	0.956 U	2.16
	08/11/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	4.06	0.954 U	0.954 U	0.954 U	2.6
	01/17/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	3.55	0.958 U	0.958 U	0.958 U	2.76
MW-55S	08/20/2010	**51.5**	**325**	**248**	202	0.953 U	5.00	0.953 U	1.22	**43.5**	1.03	42.4	**582**	30.2	0.953 U
	01/14/2011	**64.6**	**390**	**214**	267	0.953 U	4.05	0.953 U	0.953 U	**61.2**	0.953 U	50.9	**625**	24.9	0.953 U
	08/08/2011	**41**	**262**	**66.1**	95.8	0.96 U	2.61	0.96 U	0.96 U	**41.7**	0.96 U	33.8	**322**	15.2	0.96 U
	01/12/2012	**61.7**	**235**	**102**	139	0.957 U	2.78	0.957 U	0.957 U	**54.1**	0.957 U	53.3	**262**	24.1	0.957 U
	08/13/2013	**68.9**	**446**	**128**	230	1 U	5.35	1 U	1 U	**48**	1.66	62.7	**221**	32.9	1.03
	01/24/2014	**41.7 J**	**898 J**	**47.9 J**	529 J	0.943 UJ	3.76 J	0.943 UJ	0.943 UJ	**23.9 J**	0.962 J	35.9 J	39.4 J	21.7 J	0.943 UJ
	07/23/2014	**66**	**452**	**65.6**	242	0.946 U	5.45	0.946 U	0.946 U	**39.4**	1.9	61.7	50.9	36.1	1.07
	01/15/2015	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	--	--
	08/11/2016	**90**	**427**	**71.1**	245	0.945 U	8.78	0.945 U	0.945 U	**54.5**	2.29	76	77.6	50.9	1.09
	01/09/2018	**101**	**445**	**57.2**	259	1.01	8.49	0.474 U	0.474 U	**51.5**	2.46	83.9	89	38.5	1.23
	01/16/2020	**116**	**477**	**92**	312	1.29	8.64	0.955 U	0.955 U	**74.9**	2.07	102	**250**	49.2	1.16

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-55D	09/07/2010	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/12/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	**76.4**	**479**	**765**	185	5.87	6.89	0.955 U	0.955 U	**132**	2.68	61.4	**7040**	36.0	1.80
	10/06/2008	**539**	**833**	**222**	5.34	7.76	0.945 U	0.945 U	**80.8**	**61.3**	2.98	53.5	**12300**	37.9	2.03
	01/27/2009	**71.0**	**452**	**760**	212	0.945 U	8.88	0.945 U	1.64	**90.3**	3.84	61.3	**7260**	44.3	2.18
	04/07/2009	**67.9**	**422**	**662**	161	5.36	7.51	0.949 U	0.949 U	**129**	2.97	54.4	**10700**	37.2	1.74
	08/06/2009	**71.4**	**407**	**757**	169	6.69	7.91	0.958 U	0.958 U	**199**	3.98	72	**10300**	38	1.65
	01/13/2010	**86.4**	**714**	**667**	196	5.64	8.50	0.948 U	0.948 U	**154**	3.26	67.6	**11100**	46.5	2.22
	08/12/2010	**64.6**	**469**	**784**	180	5.24	10.7	0.948 U	0.948 U	**152**	3.54	50.7	**9680**	52.2	2.12
	01/14/2011	**68.8**	**706**	**1150**	201	6.16	9.32	0.954 U	0.954 U	**149**	3.94	56.3	**12700**	43.3	2.52
	08/25/2011	0.964 U	**369**	**588**	142	4.37	0.964 U	0.964 U	0.964 U	**64.2**	2.64	36.4	**4380**	24.3	1.71
	01/11/2012	**84.5**	**354**	**628**	175	5.73	8.43	0.958 U	0.958 U	**111**	3.65	63.6	**6150**	48.2	2.44
	08/13/2013	**57.7**	**438**	**535**	167	3.69	5.78	1 U	1 U	**140**	2.53	45.2	**6630**	32.8	1.88
	01/22/2014	**128**	**532**	**893**	301	8.47	16.9	0.95 U	0.95 U	**216**	5.11	87.2	**16400**	66.8	3.95
	07/23/2014	**70.6**	**351**	**593**	178	4.88	8.39	0.946 U	0.946 U	**123**	2.93	58	**5360**	42.8	1.84
	01/14/2015	**53**	**460**	**660**	230	5.96	12.1	0.948 U	0.948 U	**186**	4.59	52.1	**5600**	42.3	2.86
	08/12/2016	**68.6**	**367**	**597**	142	4.3	8.76	0.95 U	0.95 U	**129**	3.31	50.9	**3940**	46.2	1.83
	01/09/2018	**98.5**	**453**	**718**	212	4.7	10.4	0.472 U	0.472 U	**163**	4.46	73.9	**9320**	43.2	2.58
	01/15/2020	**134**	**551**	**642**	298	6.87	11.4	1.07 U	1.07 U	**210**	4.06	101	**14600**	64.7	2.59

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-57D	08/14/2008	4.21	**2.97**	1 U	1 U	1 U	1 U	1 U	1 U	**8.39**	1 U	1 U	39	1 U	1 U
	10/06/2008	3.45	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**8.95**	**4.54**	0.961 U	0.961 U	51.9	0.961 U	0.961 U
dup	10/06/2008	4.00	1.17	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**10.7**	**5.70**	0.961 U	0.961 U	62.0	0.961 U	0.961 U
	01/27/2009	5.12	**3.00**	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	**9.85**	0.943 U	0.943 U	41.1	0.943 U	0.943 U
dup	01/27/2009	5.15	**3.45**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.7**	0.95 U	0.95 U	52.9	0.95 U	0.95 U
	04/07/2009	3.54	**2.40**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**7.49**	0.95 U	0.95 U	37.3	0.95 U	0.95 U
dup	04/07/2009	4.44	**3.14**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**8.40**	0.95 U	0.95 U	48.5	0.95 U	0.95 U
	08/06/2009	3.32	**2.13**	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	**9.07**	0.649 U	0.649 U	33.6	0.649 U	0.649 U
	01/13/2010	3.96	**2.36**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.32**	0.947 U	0.947 U	49.1	0.947 U	0.947 U
dup	01/13/2010	4.08	**2.34**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.39**	0.947 U	0.947 U	48.9	0.947 U	0.947 U
	08/12/2010	5.09	**2.73**	1.04	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**10.3**	0.948 U	0.948 U	49.3 B	0.948 U	0.948 U
dup	08/12/2010	3.95	**2.05**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**8.30**	0.947 U	0.947 U	45.4 B	0.947 U	0.947 U
	01/14/2011	7.62	**3.93**	1.27	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**13.3**	0.953 U	0.953 U	84.7	0.953 U	0.953 U
dup	01/14/2011	5.8	**3.21**	1.07	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**10.1**	0.951 U	0.951 U	74.6	0.951 U	0.951 U
	08/25/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**7.86**	0.952 U	0.952 U	35.7	0.952 U	0.952 U
dup	08/25/2011	4.14	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**8.27**	0.955 U	0.955 U	38.8	0.955 U	0.955 U
	01/11/2012	4.81	**1.87**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.3**	0.95 U	0.95 U	44.6	0.95 U	0.95 U
dup	01/11/2012	4.38	**1.7**	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**9.49**	0.948 U	0.948 U	41.3	0.948 U	0.948 U
	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.38	1 U	1 U
dup	08/13/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.45	1 U	1 U
	01/22/2014	0.946 U	**1.84 J**	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	2.43 J	0.946 U	0.946 U	48.5 J	0.946 U	0.946 U
dup	01/22/2014	1.81	**6.77 J**	2.51	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.11 J**	0.947 U	0.947 U	**245 J**	0.947 U	0.947 U
	07/23/2014	5.24	**3.58**	1.83	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**10**	0.944 U	0.944 U	55.7	0.944 U	0.944 U
dup	07/23/2014	4.59	**3.37**	1.72	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.1**	0.945 U	0.945 U	54.6	0.945 U	0.945 U
	01/14/2015	4.27 J	**2.09 J**	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	**10.9**	0.942 U	0.942 U	33.7	0.942 U	0.942 U
dup	01/14/2015	8.48 J	**17.8 J**	3.41	12.1 J	0.947 U	0.947 U	0.947 U	0.947 U	**13.5**	0.947 U	3.5 J	50.7	2.23	0.947 U
	08/12/2016	5.12	**3.98**	1.07	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**11.6**	0.944 U	0.944 U	80.9	0.944 U	0.944 U
dup	08/12/2016	4.28	**3.69**	1.05	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.8**	0.945 U	0.945 U	78.9	0.945 U	0.945 U
	01/09/2018	1.28	1.2	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	2.38 J	0.473 U	0.473 U	21	0.473 U	0.473 U
dup	01/09/2018	2.44	**1.86**	0.483	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	4.05 J	0.474 U	0.474 U	25.2	0.474 U	0.474 U
	01/15/2020	3.53	**6.04**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	**8.8**	1.2 U	1.2 U	147	1.2 U	1.2 U
dup	01/15/2020	3.46	**6.06**	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	**9.2**	1.14 U	1.14 U	156	1.14 U	1.14 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-58D	08/13/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	10/08/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.07	0.951 U	0.951 U
	01/27/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/07/2009	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/19/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/26/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/13/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EPA-5S	08/11/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/02/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/23/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/05/2009	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/08/2010	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/11/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/12/2011	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/09/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/09/2012	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
EPA-5D	08/11/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	10/02/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/23/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	04/03/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/05/2009	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/08/2010	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/11/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2011	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/09/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	01/09/2012	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
EPA-6S	08/18/2008	7.03	83.2	3.63	73.4	0.948 U	3.85	0.948 U	0.948 U	0.948 U	7.03	13.1	1.11	4.55	4.82
	10/07/2008	**62.6**	3.06	**60.2**	0.95 U	3.14	0.95 U	0.95 U	0.95 U	5.32	5.39	10.4	0.95 U	23.7	3.64
	01/29/2009	4.77	57.5	2.13	55.4	0.946 U	3.82	0.946 U	0.946 U	0.946 U	6.58	9.65	1.30	30.4	4.01
	04/10/2009	5.48	78.7	2.47	71.9	0.943 U	4.95	0.943 U	0.943 U	0.943 U	8.25	11.6	0.943 U	36.4	5.17
	08/12/2009	4.27	54.9	1.78	54.4	1.56 U	3.15	1.56 U	1.56 U	1.56 U	6.23	9.21	1.56 U	28.8	3.8
	01/25/2010	6.48	71.8	2.33	79.3	0.946 U	5.42	0.946 U	0.946 U	1.14	10.1	14.5	0.946 U	42.3	7.96
	08/13/2010	2.86	31.7	0.97	39.7	0.951 U	2.52	0.951 U	0.951 U	0.951 U	5.22	6.59	3.53	20.3	3.89
	01/19/2011	2.63	40.7	0.954 U	52.4	0.954 U	3.32	0.954 U	0.954 U	0.954 U	6.58	7.24	0.954 U	24.4	4.27
	01/19/2011	2.62	39.2	0.952 U	51.1	0.952 U	3.41	0.952 U	0.952 U	0.952 U	6.71	7.2	0.952 U	25.1	4.3
	08/10/2011	2.43	20.1	0.954 U	40.1	0.954 U	3.29	0.954 U	0.954 U	0.954 U	6.53	6.67	0.954 U	21.6	4.42
	01/17/2012	2.01	23.2	0.948 U	50.7	0.948 U	4.2	0.948 U	0.948 U	0.948 U	7.71	7.05	2.35	31.5	6.5
EPA-6D	08/18/2008	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	98.9	0.947 U	0.947 U
	10/07/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1.36	0.949 U	0.949 U
	01/29/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	32.4	0.943 U	0.943 U
	04/10/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	42.9	0.947 U	0.947 U
	08/12/2009	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	1.55 U	25.7	1.55 U	1.55 U
	01/25/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/13/2010	0.949 U	1.2	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	62.1	0.949 U	0.949 U
	01/19/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	25.7	0.957 U	0.957 U
	08/10/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	16.1	0.957 U	0.957 U
	01/17/2012	0.949 U	1.24	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	69.6	0.949 U	0.949 U
RNWR Monitoring Wells (UWBZ)															
MW-30	08/13/2002	0.096 U	--	0.096 U	0.11	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
USDFW-1	10/24/2003	4.9	--	1.1	3.9	0.16	0.36	0.098 U	--	**17**	0.098 U	3.4	120	0.4	0.098 U
	05/04/2004	4.4	--	0.39	3.6	0.13	0.4	0.096 U	--	**18**	0.096 U	3.1	87	0.31	0.096 U
	08/13/2004	4.4	--	0.19	2.3	0.11 U	0.38	0.11 U	--	**14**	0.11 U	2.4	28	0.18	0.11 U
	10/25/2004	2.7	--	0.18	2.1	0.096 U	0.32	0.096 U	--	**7.3**	0.096 U	2.3	39	0.16	0.096 U
	01/28/2005	1.35	**2.2**	0.0679	1.48	0.0923	0.968	0.0189 U	**13**	**5.46**	0.0189 U	1.77	21.1	0.325	0.0189 U
	07/28/2005	1.3	**0.883**	0.0476 U	1.35	0.0943 U	0.156	0.019 U	**15**	0.22	0.019 U	1.36	2.53	0.0869 U	0.0294 U
	02/01/2006	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	5.69	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U
	08/11/2006	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.73	2.51	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.08	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/27/2007	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.70	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/28/2008	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.51	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/21/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	02/03/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/28/2010	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
USDFW-1 (cont.)	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/24/2003	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.1	0.097 U	0.097 U	0.097 U
	05/04/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	08/13/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/25/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/28/2005	0.189 U	0.283 U	0.0472 U	0.0189 U	0.0189 U	0.0529	0.0189 U	**23**	0.189 U	0.0189 U	0.0443	0.0472 U	0.0189 U	0.0189 U
	07/28/2005	0.192 U	0.288 U	0.0645	0.0192 U	0.0192 U	0.0192 U	0.0192 U	5.82	0.192 U	0.0192 U	0.0437 U	0.313	0.0192 U	0.0192 U
	02/01/2006	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	08/11/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.66	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/27/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.05	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/28/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	10/24/2003	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	05/04/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.28	0.096 U	0.096 U
	08/13/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	10/25/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/28/2005	0.195 U	0.292 U	0.0486 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	1.97	0.195 U	0.0195 U	0.0195 U	0.0486 U	0.0195 U	0.0195 U
	07/28/2005	0.195 U	0.292 U	0.0487 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	1.69	0.195 U	0.0195 U	0.0195 U	0.0487 U	0.0195 U	0.0195 U
	02/01/2006	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	0.976 U	1.28	0.976 U	0.976 U
	08/11/2006	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	1.76 J	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ	0.949 UJ
	01/22/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.11	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/27/2007	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.45	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/28/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/11/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
RMW-2S	08/21/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1 U	0.949 U	0.949 U
	10/09/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	02/03/2009	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	04/08/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/28/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/26/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/26/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/25/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1 U	0.961 U	0.961 U
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	04/08/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/26/2010	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/26/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	--	--	--					--				--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
Cell 2 (LWBZ)															
MW-40	08/08/2002	**32**	--	**64**	40	1	3.8	0.096 U	--	11	3.3	20	**360**	28	2.3
	01/23/2004	16	--	3.3	3.2	0.21	0.35	0.095 U	--	4.8	0.72	2.4	68	2.7	0.49
	04/30/2004	20	--	2.6	3.3	0.19	0.54	0.096 U	--	3.5	0.85	2.5	38	3.3	0.62
	08/11/2004	15	--	1.2	1.9	0.099	0.33	0.096 U	--	2.5	0.64	1.6	16	1.9	0.45
	10/29/2004	14	--	0.52	0.72	0.096 U	0.19	0.096 U	--	1.5	0.26	1.1	7.2	0.91	0.18
	01/27/2005	0.189 U	0.283 U	0.365	0.668	0.137	0.348	0.0189 U	1.42 U	0.189 U	0.217	0.766	5.39	0.0189 U	0.102
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/27/2006	13.1	0.951 U	0.951 U	2.93	0.951 U	0.951 U	0.951 U	0.951 U	7.27	0.951 U	1.96	3.18	1.18	0.951 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/22/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/02/2009	3.54	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.37	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/19/2009	2.19	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.83	1.72	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/29/2010	2.35	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	1.33	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/25/2010	0.969	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.64	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/24/2011	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	09/02/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/20/2012	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-41	08/12/2002	2.4	--	0.15	0.18	0.096 U	0.096 U	0.096 U	--	0.26	0.096 U	0.11	0.68	0.14	0.096 U
	01/29/2004	1.3	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	--	0.1	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	04/29/2004	1.1	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.11	0.096 U	0.096 U	0.28	0.096 U	0.096 U
	08/12/2004	0.95	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.28	0.096 U	0.096 U	0.38	0.096 U	0.096 U
	11/08/2004	1	--	0.048 U	0.048 U	0.048 U	0.061	0.048 U	--	0.1	0.048 U	0.048 U	0.077	0.048 U	0.048 U
	01/27/2005	0.67	0.283 U	0.0471 U	0.0189 U	0.0189 U	0.058	0.0189 U	1.41 U	0.189 U	0.0189 U	0.0189 U	0.0471 U	0.0189 U	0.0189 U
	07/20/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/30/2006	2.09	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/08/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/18/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/06/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/28/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
Cell 2 Monitoring Wells (LWBZ)															
MW-22	08/08/2002	9.5	--	1.4	2.5	0.34	0.098	0.097 U	--	20	0.097 U	2.3	**180**	0.73	0.097 U
	01/23/2004	15	--	0.097 U	6.9	0.45	0.26	0.097 U	--	30	0.097 U	6.8	5.3	1.5	0.097 U
	04/28/2004	16	--	0.096 U	6	0.57	0.25	0.096 U	--	27	0.096 U	6.4	1.1	0.88	0.096 U
	08/06/2004	18	--	0.096 U	3.7	0.49	0.24	0.096 U	--	28	0.096 U	7.3	0.9	0.41	0.096 U
	10/26/2004	23	--	0.096 U	0.51	0.27	0.25	0.096 U	--	30	0.096 U	7.4	0.4	0.096 U	0.096 U
	01/25/2005	0.189 U	0.283 U	0.0472 U	0.0189 U	0.376	0.0189 U	0.0189 U	1.42 U	19.9	0.0189 U	4.61	0.0472 U	0.0189 U	0.0189 U
	08/03/2005	11.6	0.286 U	0.0476 U	0.019 U	0.0731	0.0946	0.019 U	1.43 U	11.2	0.019 U	3.16	0.0476 U	0.0545	0.019 U
	01/25/2006	10.4	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	15.6	0.951 U	2.16	0.951 U	0.951 U	0.951 U
	08/10/2006	6.65	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	5.73	0.954 U	1.12	0.954 U	0.954 U	0.954 U
	01/25/2007	8.64	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	8.89	0.951 U	1.53	0.980	0.951 U	0.951 U
	08/16/2007	7.05	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	7.14	0.953 U	1.01	0.953 U	0.953 U	0.953 U
	01/22/2008	7.27	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	6.86	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
MW-33	08/07/2002	1	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.68	0.096 U	0.18	0.096 U	0.096 U	0.096 U
	01/21/2004	0.67	--	0.096 U	0.096 U	0.096 U	0.46	0.096 U	--	0.4	0.096 U	0.6	0.096 U	0.096 U	0.096 U
	04/27/2004	0.77	--	0.095 U	0.095 U	0.095 U	0.48	0.095 U	--	0.44	0.095 U	0.83	0.095 U	0.095 U	0.095 U
	07/28/2004	0.89	--	0.096 U	0.096 U	0.096 U	0.33	0.096 U	--	0.49	0.096 U	1	0.096 U	0.096 U	0.096 U
	10/19/2004	1.2	--	0.096 U	0.096 U	0.096 U	0.37	0.096 U	--	0.51	0.096 U	1.1	0.33	0.096 U	0.096 U
	01/20/2005	1.16	0.284 U	0.0473 U	0.0251	0.0449	0.479	0.0189 U	1.42 U	0.345	0.0189 U	0.67	0.0473 U	0.0189 U	0.0189 U
	07/20/2005	1.49 J	0.284 UR	0.11 J	0.0189 UR	0.0314 J	1.05 J	0.0189 UR	1.42 UR	0.48 J	0.0189 UR	0.69 J	0.0473 UR	0.0189 UR	0.0189 UR
	01/20/2006	1.24	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/04/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/19/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/09/2007	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/15/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/11/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/11/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/09/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
MW-34	08/08/2002	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	01/21/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.14	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	04/27/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	07/29/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.1	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/20/2004	0.11	--	0.096 U	0.096 U	0.096 U	0.12	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/21/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.176	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0478	0.0189 U	0.0189 U
	07/20/2005	0.19 U	0.285 U	0.0475 U	0.019 U	0.019 U	0.0542	0.019 U	1.42 U	0.19 U	0.019 U	0.019 U	0.0475 U	0.0326	0.019 U
	01/23/2006	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2006	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/18/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/10/2007	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/16/2008	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-35	08/13/2002	0.83	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	1.1	0.096 U	0.096 U	0.19	0.096 U	0.096 U
dup	08/13/2002	0.96	--	0.1	0.097 U	0.097 U	0.097 U	0.097 U	--	1	0.097 U	0.097 U	0.25	0.097 U	0.097 U
	01/21/2004	1.6	--	0.13 U	0.096 U	0.096 U	0.2	0.096 U	--	1.8	0.096 U	0.096 U	2.8	0.099	0.096 U
	04/28/2004	1.8	--	0.096 U	0.096 U	0.096 U	0.19	0.096 U	--	2	0.096 U	0.096 U	0.74	0.1	0.096 U
	07/30/2004	1.9	--	0.096 U	0.096 U	0.096 U	0.17	0.096 U	--	2.4	0.096 U	0.12	3.7	0.1	0.096 U
	10/25/2004	2.3	--	0.20 U	0.20 U	0.20 U	0.23	0.20 U	--	3.5	0.20 U	0.20 U	5.3	0.20 U	0.20 U
	01/24/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/20/2005	2.8 J	0.285 UR	0.0475 UR	0.042 J	0.373 J	0.13 J	0.019 UR	1.43 UR	1.74 J	0.019 UR	0.124 J	4.55 J	0.122 J	0.019 UR
	01/24/2006	2.30	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	3.43	0.948 U	0.948 U	1.55	0.948 U	0.948 U
	08/08/2006	2.40	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	3.00	1.02 U	1.02 U	3.04	1.02 U	1.02 U
	01/24/2007	2.09	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.80	0.948 U	0.948 U	2.87	0.948 U	0.948 U
	08/14/2007	2.66	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	3.37	0.947 U	0.947 U	4.26	0.947 U	0.947 U
	01/18/2008	2.73	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.87	0.956 U	0.956 U	5.59	0.956 U	0.956 U
	08/14/2008	2.83	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.89	0.951 U	0.951 U	5.73	0.951 U	0.951 U
	01/30/2009	2.10	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	2.46	0.949 U	0.949 U	4.69	0.949 U	0.949 U
	08/18/2009	2.65	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	3.1	0.949 U	0.949 U	6.59	0.949 U	0.949 U
	01/22/2010	3.60	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	4.88	0.951 U	0.951 U	12.9	0.951 U	0.951 U
	08/16/2010	1.78	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	2.31	0.949 U	0.949 U	3.46 B	0.949 U	0.949 U
	01/20/2011	4.11	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	4.3	0.953 U	0.953 U	3.42	0.953 U	0.953 U
	08/29/2011	3.39	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	3.52	0.956 U	0.956 U	7.66	0.956 U	0.956 U
	01/18/2012	1.84	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	1.79	0.957 U	0.957 U	2	0.957 U	0.957 U
MW-36	08/07/2002	1.4	--	1.1	0.14	0.097 U	0.097 U	0.097 U	--	2.6	0.097 U	0.097 U	63	0.097 U	0.097 U
	01/26/2004	1	--	0.96	1.5	0.095 U	0.62	0.095 U	--	3.4	0.66	1	6.4	2.1	0.48
	04/28/2004	3.7	--	0.096 U	0.97	0.15	0.14	0.096 U	--	6.9	0.096 U	0.77	0.75	0.12	0.096 U
	07/30/2004	3.9	--	0.096 U	1.1	0.12	0.098	0.096 U	--	6.5	0.096 U	0.92	0.24	0.1	0.096 U
	10/26/2004	3.6	--	0.096 U	0.27	0.096 U	0.11	0.096 U	--	4.8	0.096 U	0.9	0.25	0.096 U	0.096 U
	01/25/2005	2.11	0.284 U	0.0473 U	0.102	0.234	0.0991	0.0189 U	1.42 U	2.38	0.0189 U	0.938	0.34	0.0189 U	0.0189 U
	07/25/2005	3.84	0.285 U	0.0474 U	0.0194 U	0.04 U	0.0327 U	0.019 U	1.42 U	5.33	0.019 U	1.11	0.0896	0.0363 U	0.019 U
	01/25/2006	2.93	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	3.27	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/08/2006	1.98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.22	1 U	1 U	1 U	1 U	1 U
	01/24/2007	1.85	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.71	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/15/2007	1.88	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.73	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/22/2008	1.04	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	1.14	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/19/2008	1.71	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/30/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/19/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.76	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2010	1.06	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/16/2010	1.09	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/21/2011	1.78	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/30/2011	1.42	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/19/2012	1.74	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-37	08/12/2002	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/27/2004	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	--	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
	04/29/2004	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	--	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
	08/06/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	10/22/2004	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
	01/26/2005	0.189 U	0.284 U	0.0473 U	0.0189 U	0.0189 U	0.0492	0.0189 U	1.42 U	0.189 U	0.0189 U	0.0189 U	0.0473 U	0.0189 U	0.0189 U
	07/25/2005	0.19 U	0.285 U	0.0476 U	0.019 U	0.019 U	0.019 U	0.0867	1.43 U	0.19 U	0.019 U	0.019 U	0.0983	0.0274 U	0.019 U
	01/26/2006	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/09/2006	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/26/2007	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/17/2007	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/23/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/20/2008	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/27/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/31/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
MW-54	08/12/2008	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	10/06/2008	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/26/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/06/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/05/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/13/2010	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/12/2010	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/13/2011	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/24/2011	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
	01/10/2012	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U	0.956 U
MW-55	08/14/2008	1.39	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	10/03/2008	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.35	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/27/2009	1.38	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.47	0.946 U	0.946 U
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	1.1	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.26	0.948 U	0.948 U
	01/14/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2010	1.34	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2011	1.39	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/08/2011	1.2	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2012	1.04	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
MW-56	08/21/2008	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	10/08/2008	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	2.05	0.955 U	0.955 U
	01/27/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/07/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/12/2010	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/19/2011	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2011	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/13/2012	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-59	08/19/2008	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	10/06/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/29/2009	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	04/09/2009	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/17/2009	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.46	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/21/2010	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	08/13/2010	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/20/2011	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U	0.964 U
	08/29/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/13/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	01/10/2018	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U
MW-62	09/08/2010	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U
	01/14/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.19	1.02	1.14	1.1	1.25	0.951 U	0.951 U	1.17	1.12
	08/25/2011	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/11/2012	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/07/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/13/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	--	--	--	--	--	--	--	--	--	--	--	--		
	01/13/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Noncarcinogenic PAHs													
		Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
MTCA Method B Groundwater CUL		32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160	NV	480
RNWR Monitoring Well (LWBZ)															
MW-60	09/03/2008	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/09/2008	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	04/08/2009	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/07/2009	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/28/2010	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/25/2010	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-61	09/03/2010	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	01/24/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/02/2011	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/24/2012	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/06/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	07/22/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/12/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U
	01/15/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-63	09/20/2012	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
	08/14/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	07/22/2014	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/12/2015	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U	0.947 U	0.947 U
	08/12/2016	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U
	01/16/2020	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

MAUL FOSTER ALONGI

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold number indicates detected concentration that exceeds CUL.

-- = not analyzed.

B = blank exhibited positive result greater than reporting limit for this compound.

cPAH = carcinogenic polycyclic aromatic hydrocarbon.

CUL = cleanup level.

dup = duplicate sample.

J = result for this analyte is estimated concentration.

LE = no results available due to laboratory error.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

ND = no cPAH detections.

NV = no value.

NS = not sampled.

PAH = polycyclic aromatic hydrocarbon.

R = result is rejected.

RNWR = Ridgefield National Wildlife Refuge.

TEQ cPAHs = toxicity equivalent cPAHs. If one or more of the seven cPAHs are detected in the groundwater sample, TEQ is calculated using appropriate toxicity equivalent factors. If a certain cPAH analyte has not been detected in groundwater at the site, then a value of "0" is used for non-detects of that specific cPAH analyte. Other analytes that historically have been detected on the property but that are not detected in a certain event are summed using half of the method reporting limit. For groundwater samples that do not detect any cPAH analytes, "ND" is entered as the value.

U = not detected at or above the method reporting limit (note that, starting in July 2014, cPAHs are reported to the method detection limit).

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
Cell 2 Monitoring Wells (UWBZ)		
MW-7	01/26/2004	5 U
	05/06/2004	5 U
	10/27/2004	5 U
	01/26/2005	4.68
	07/25/2005	2.5 U
	08/10/2006	**7.5**
	01/25/2007	**6.1**
	09/05/2008	1 U
	02/04/2009	4.3
	08/19/2009	2.3
	01/26/2010	4.6
	08/24/2010	2.6
	01/25/2011	4.44
	09/01/2011	2.08
	01/20/2012	**5.48**
MW-44	01/23/2004	**13.1**
	04/29/2004	**6.1**
	10/29/2004	5 U
	01/26/2005	**19.1**
	02/02/2009	**12**
	08/19/2009	**26**
	08/25/2010	**9.7**
	01/24/2011	2.71
	09/02/2011	**9.54**
	01/20/2012	1.41
EPA-4S	09/03/2008	1 U
	10/02/2008	2.2
	02/10/2009	1.6
	04/16/2009	1.2
	08/13/2009	1.1
	01/29/2010	1.1
	08/24/2010	2.8
	01/25/2011	4.65
	09/01/2011	**6.9**
	01/24/2012	3.35

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
EPA-4D	09/03/2008	1 U
	10/02/2008	1.2
	02/10/2009	1.3
	04/16/2009	1
	08/13/2009	1
	01/29/2010	1 U
	08/24/2010	1 U
	01/25/2011	0.766
	09/01/2011	0.974
	01/24/2012	0.709
MW-4	05/07/2004	**42.1**
	07/29/2004	**48.7**
	10/22/2004	**31.7**
	01/24/2005	**36.9**
	07/20/2005	**49.5**
	01/23/2006	**18**
	08/08/2006	**54**
	01/24/2007	**55**
	08/14/2007	**44**
	01/17/2008	**45**
	08/13/2008	**45**
	01/29/2009	**14**
	08/18/2009	**8.6**
	01/19/2010	**43**
	08/13/2010	**48**
	01/20/2011	**42.7**
	08/26/2011	**45.2**
	01/13/2012	**48.3**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-5	01/26/2004	**32.8**
	05/07/2004	**33.6**
	07/29/2004	**41.2**
	10/22/2004	**45.1**
	01/24/2005	**49.3**
	07/20/2005	**48.3**
	01/24/2006	**31**
	08/08/2006	**54**
	01/24/2007	**56**
	08/14/2007	**58**
	01/17/2008	**52**
	08/13/2008	**54**
	01/29/2009	**17**
	08/18/2009	**7.6**
	01/22/2010	**38**
	08/13/2010	**35**
	01/20/2011	**26.5**
	08/26/2011	**30**
	01/13/2012	**33.7**
PZ-06	01/23/2007	**19**
	08/13/2007	**26**
	01/16/2008	**23**
	08/12/2008	**21**
	01/26/2009	**11**
	08/05/2009	**26**
	01/13/2010	**23**
	08/01/2010	NS
	01/13/2011	**25.2**
	08/24/2011	**27.8**
	01/10/2012	**26.2**
MW-10	01/23/2007	**32**
	08/14/2007	**30**
	01/17/2008	**29**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-13	08/08/2002	**16.4**
	01/26/2004	**17.5**
	05/05/2004	**14.5**
	07/28/2004	**16.4**
	10/20/2004	**15.4**
	01/21/2005	**16.5**
	07/20/2005	**17.6**
	01/23/2006	**7.3**
	08/07/2006	**15**
	01/23/2007	**15**
	08/09/2007	**14**
	01/15/2008	**12**
	08/11/2008	**14**
	01/23/2009	**35**
	08/14/2009	**36**
	01/11/2010	**35**
	08/11/2010	**26**
	01/12/2011	0.264
	08/23/2011	**20.3**
	01/09/2012	**22.3**
MW-14	08/08/2002	**11.8**
	01/22/2004	**12**
	05/04/2004	**10.9**
	07/28/2004	**15.4**
	10/20/2004	**15.8**
	01/21/2005	**17.2**
	07/20/2005	**19.9**
	01/23/2006	**26**
	08/07/2006	**26**
	01/23/2007	**33**
	08/13/2007	**26**
	01/16/2008	**29**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-15	08/08/2002	5 U
	01/21/2004	5 U
	05/05/2004	5 U
	07/28/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/23/2006	1.5
	08/07/2006	1.2
	01/18/2007	2.3
	08/10/2007	2.3
	01/16/2008	1.3
	08/13/2008	1 U
	09/03/2008	1 U
	01/26/2009	1.1
	08/17/2009	1.2
	01/12/2010	1.9
	08/11/2010	1.3
	01/13/2011	1.39
	08/23/2011	1.57
	01/10/2012	1.48
MW-16	08/07/2002	5 U
	01/23/2004	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1.2
	08/10/2006	1.5
	01/25/2007	1.6
	08/16/2007	2.5
	01/22/2008	1.7
	08/19/2008	3.9
	01/30/2009	1 U
	08/12/2009	1.3
	01/21/2010	1 U
	08/17/2010	10 U
	01/21/2011	0.722
	08/30/2011	1.95
	01/19/2012	2.39

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-17	08/07/2002	5 U
	01/26/2004	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/24/2005	2.5 U
	07/25/2005	3.25
	01/24/2006	1.6
	08/08/2006	4.3
	01/24/2007	4.4
	08/15/2007	**5.8**
	01/18/2008	3.7
MW-18	07/29/2004	**61.3**
	07/25/2005	**72.4**
	01/24/2006	**71**
	08/08/2006	NS
	01/24/2007	**87**
	08/15/2007	**87**
	01/18/2008	**90**
MW-21	08/08/2002	5 U
	05/06/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.63
	01/25/2006	2.8
	08/10/2006	3.0
	01/25/2007	3.7
	08/16/2007	4.2
	01/22/2008	1 U
	08/19/2008	2.9
	01/30/2009	2.7
	08/12/2009	2.9
	01/21/2010	2.8
	08/17/2010	10 U
	01/21/2011	**7.67**
	08/30/2011	**17.8**
	01/19/2012	**22.6**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-23	01/22/2004	5 U
	05/03/2004	5 U
	07/27/2004	5 U
	10/19/2004	5 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/20/2006	1.3
	08/07/2006	1 U
	01/23/2007	2.4
	08/09/2007	3.1
	01/15/2008	1.2
	08/11/2008	1
	01/11/2010	2.1
	08/30/2011	NS
MW-25	08/12/2002	10 U
	01/27/2004	5 U
	04/29/2004	5 U
	08/06/2004	10 U
	10/22/2004	10 U
	01/26/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	08/09/2006	1 U
	01/26/2007	1 U
	08/17/2007	1.5
	01/23/2008	1 U
	08/20/2008	1.1
	01/27/2010	1 U
	08/31/2011	1

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-26	01/26/2004	**36.6**
	05/05/2004	**38.4**
	07/29/2004	**48.8**
	10/25/2004	**47.8**
	01/24/2005	**56**
	07/25/2005	**49.3**
	01/24/2006	**27**
	08/08/2006	**49**
	01/24/2007	**52**
	08/15/2007	**52**
	01/18/2008	**49**
	08/15/2008	**76**
	01/28/2009	**21**
	08/18/2009	**77**
	01/25/2010	**76**
	08/16/2010	**93**
	01/20/2011	**114**
	08/30/2011	**103**
	01/23/2012	**111**
MW-27	01/26/2004	5 U
	05/07/2004	5 U
	07/29/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.69
	01/23/2006	1.1
	08/07/2006	2.9
	01/24/2007	4
	08/14/2007	3.9
	01/17/2008	3.4
	08/15/2008	3
	01/22/2010	3
	08/29/2011	3.04

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-38	08/07/2002	5 U
dup	08/07/2002	5 U
	08/07/2002	5 U
	01/27/2004	5 U
dup	01/27/2004	5 U
	05/06/2004	5 U
dup	05/06/2004	5 U
	08/06/2004	10 U
dup	08/06/2004	10 U
	10/29/2004	5 U
dup	10/29/2004	5 U
	01/25/2005	2.5 U
dup	01/25/2005	2.5 U
	07/25/2005	2.5 U
dup	07/25/2005	2.5 U
	01/26/2006	1 U
dup	01/26/2006	1 U
	08/10/2006	1 U
dup	08/10/2006	1 U
	01/25/2007	1 U
dup	01/25/2007	1 U
	08/16/2007	1.2
dup	08/16/2007	1.3
	01/23/2008	1 U
dup	01/23/2008	1 U
	08/21/2008	1 U
dup	08/21/2008	1 U
	02/02/2009	1 U
dup	02/02/2009	1 U
	08/12/2009	1 U
dup	08/12/2009	1 U
	01/21/2010	1 U
dup	01/21/2010	1 U
	08/17/2010	1.2
dup	08/17/2010	1.2
	01/21/2011	1.02
	08/31/2011	1.13
dup	08/31/2011	1.15
	01/19/2012	1.17
dup	01/19/2012	1.21

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-39	01/27/2004	5 U
dup	01/27/2004	5 U
	05/06/2004	5 U
dup	05/06/2004	5 U
	08/06/2004	10 U
dup	08/06/2004	10 U
	10/29/2004	5 U
dup	10/29/2004	5 U
	01/25/2005	2.5 U
dup	01/25/2005	2.5 U
	07/25/2005	2.5 U
dup	07/25/2005	2.5 U
	01/26/2006	1 U
dup	01/26/2006	1 U
	08/10/2006	1 U
dup	08/10/2006	1 U
	01/25/2007	1 U
dup	01/25/2007	1 U
	08/16/2007	1.8
dup	08/16/2007	1.8
	01/23/2008	3.4
dup	01/23/2008	3.5
	08/21/2008	2.7
dup	08/21/2008	2.7
	02/02/2009	1.1
dup	02/02/2009	1.2
	08/12/2009	**5.2**
dup	08/12/2009	**5.6**
	01/21/2010	1.6
dup	01/21/2010	1.6
	08/17/2010	**12**
dup	08/17/2010	**12**
	01/21/2011	0.506
	08/31/2011	1.13
dup	08/31/2011	1.2
	01/19/2012	0.488
dup	01/19/2012	0.428

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-48S	08/20/2008	**12**
	10/08/2008	**9**
	02/02/2009	**6.6**
	04/09/2009	4.9
	08/19/2009	**6.6**
	01/27/2010	**12**
	08/17/2010	**18**
	01/24/2011	**20.6**
	08/31/2011	**27.2**
	01/20/2012	**6.86**
MW-49D	08/19/2008	**7.2**
	10/03/2008	**5.9**
	01/26/2009	**15**
	04/06/2009	**14**
	08/14/2009	**21**
	01/12/2010	**14**
	08/11/2010	**21**
	01/13/2011	**33.4**
	08/23/2011	**51.1**
	01/10/2012	**39.5**
MW-50S	08/19/2008	**9**
	10/08/2008	4.4
	01/30/2009	**6.8**
	04/09/2009	1.8
	08/19/2009	1.6
	01/26/2010	**21**
	08/16/2010	**13**
	01/21/2011	**15**
	08/30/2011	**21.8**
	01/19/2012	**23.1**
MW-51D	08/12/2008	1.2
	10/06/2008	1.3
	01/26/2009	1.3
	04/06/2009	1
	08/05/2009	1.1
	01/13/2010	1.3
	08/12/2010	1
	01/13/2011	0.868
	08/24/2011	0.872
	01/10/2012	0.796

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-52D	08/14/2008	**7.5**
	10/07/2008	**7.7**
	01/30/2009	**27**
	04/09/2009	**42**
	08/18/2009	**42**
	01/25/2010	**53**
	08/16/2010	**51**
	01/20/2011	**37.2**
	08/30/2011	**54.3**
	01/23/2012	**43.7**
MW-53S	08/14/2008	**5.6**
	10/07/2008	**11**
	01/28/2009	**11**
	04/10/2009	**17**
	08/18/2009	4.8
	01/20/2010	**39**
	08/16/2010	**25**
	01/18/2011	**48.5**
	08/11/2011	**57.9**
	01/17/2012	**74.1**
MW-53D	08/14/2008	2
	10/07/2008	4.9
	01/28/2009	**11**
	04/10/2009	**20**
	08/17/2009	**15**
	08/16/2010	**9.4**
	01/20/2010	**16**
	08/16/2010	**9.4**
	09/07/2010	**7.4**
	01/18/2011	**9.6**
	08/11/2011	**12.4**
	01/17/2012	**12.8**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-55S	08/20/2010	**35**
	01/14/2011	**36.7**
	08/08/2011	**36.5**
	01/12/2012	**47**
	08/13/2013	**66.4**
	01/24/2014	**63.2**
	07/23/2014	**60.7**
	01/15/2015	**64.9**
	08/11/2016	**54**
	01/09/2018	**57.7**
	01/16/2020	**16.7**
MW-55D	09/07/2010	**7.4**
	01/14/2011	**9.18**
	08/08/2011	**8**
	01/12/2012	**5.62**
	08/13/2013	0.951
	01/24/2014	0.436
	07/23/2014	**16.4**
	01/15/2015	**14.5**
	08/11/2016	**12**
	01/09/2018	**11.6**
	01/16/2020	**14**
MW-57S	08/15/2008	**41**
	10/06/2008	**17**
	01/27/2009	**23**
	04/07/2009	**46**
	08/06/2009	**51**
	01/13/2010	**61**
	08/12/2010	**40**
	01/14/2011	**38.5**
	08/25/2011	**36.9**
	01/11/2012	**40.8**
	08/13/2013	**60.3**
	01/22/2014	**82.3**
	07/23/2014	**72.4**
	01/14/2015	**81.1**
	08/12/2016	**71**
	01/09/2018	**71.8**
	01/15/2020	**76.7**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-57D	08/14/2008	**19**
	10/06/2008	**6.8**
dup	10/06/2008	**8.8**
	01/27/2009	**11**
dup	01/27/2009	**11**
	04/07/2009	**17**
dup	04/07/2009	**17**
	08/06/2009	**21**
	01/13/2010	**21**
dup	01/13/2010	**22**
	08/12/2010	**19**
dup	08/12/2010	**14**
	01/14/2011	**18.6**
dup	01/14/2011	**17.6**
	08/25/2011	**20.4**
dup	08/25/2011	**21**
	01/11/2012	**20.3**
dup	01/11/2012	**22.4**
	08/13/2013	**28.6**
dup	08/13/2013	**30**
	01/22/2014	**34**
dup	01/22/2014	**34.4**
	07/23/2014	**25.7**
dup	07/23/2014	**25.3**
	01/14/2015	**24.3**
dup	01/14/2015	**24.6**
	08/12/2016	**22.1**
dup	08/12/2016	**22.1**
	01/09/2018	**23.6**
dup	01/09/2018	**23.4**
	01/15/2020	**27.6**
dup	01/15/2020	**27.6**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-58D	08/13/2008	**7.3**
	10/08/2008	**6.9**
	01/27/2009	**10**
	04/07/2009	**11**
	08/06/2009	**14**
	01/14/2010	**13**
	08/12/2010	**10**
	01/19/2011	2.72
	08/26/2011	**10.3**
	01/13/2012	**10.7**
	08/13/2013	**13.4**
	07/24/2014	**13.2**
	01/15/2015	**12.5**
	01/15/2020	**11.3**
EPA-5S	08/11/2008	1.1
	10/02/2008	1.3
	01/23/2009	1 U
	04/03/2009	1 U
	08/05/2009	1 U
	01/08/2010	1 U
	08/11/2010	1.3
	01/12/2011	0.311
	08/09/2011	**5.74**
	01/09/2012	0.983
EPA-5D	08/11/2008	1 U
	10/02/2008	1 U
	01/23/2009	1 U
	04/03/2009	1 U
	08/05/2009	1 U
	01/08/2010	1 U
	08/11/2010	1 U
	01/12/2011	**13.3**
	08/09/2011	0.486
	01/09/2012	0.511

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
EPA-6S	08/18/2008	**86**
	10/07/2008	**48**
	01/29/2009	**45**
	04/10/2009	**75**
	08/12/2009	**80**
	01/25/2010	**78**
	08/13/2010	**78**
	01/19/2011	**63.1**
dup	01/19/2011	**63.6**
	08/10/2011	**66.9**
	01/17/2012	**75.6**
EPA-6D	08/18/2008	**7.1**
	10/07/2008	3.5
	01/29/2009	1.9
	04/10/2009	**6.8**
	08/12/2009	**7.2**
	01/25/2010	3
	08/13/2010	10 U
	01/19/2011	**8.08**
	08/10/2011	**7.15**
	01/17/2012	**5.95**
	01/23/2014	**12.3**
	08/11/2016	**10.5**
	01/10/2018	**12.1**
RNWR Monitoring Wells (UWBZ)		
MW-30	08/13/2002	10 U
USDFW-1	05/04/2004	5 U
	08/13/2004	5 U
	10/25/2004	5 U
	01/28/2005	2.5 U
	07/28/2005	2.5 U
	02/01/2006	1.9
	08/11/2006	1.8
	01/22/2007	2.4
	08/27/2007	2.6
	01/28/2008	1.9
	08/21/2008	1.8
	02/03/2009	1.6
	08/07/2009	1.9
	01/28/2010	1.9

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
USDFW-1 (cont)	08/26/2010	2.2
	01/26/2011	1.79
	09/06/2011	2.04
	01/25/2012	1.59
	08/07/2012	1.79
	08/14/2013	2.1
	05/04/2004	**7.9**
	08/13/2004	**9.3**
	10/25/2004	**9**
	01/28/2005	**23.3**
	07/28/2005	**9.03**
	02/01/2006	**6.5**
	08/11/2006	NS
	01/22/2007	**11**
	08/27/2007	**11**
	01/28/2008	**9.2**
	05/04/2004	**11.1**
	08/13/2004	**15.1**
	10/25/2004	**13.6**
	01/28/2005	**13.2**
	07/28/2005	**13.7**
	02/01/2006	**8.4**
	08/11/2006	**14**
	01/22/2007	**14**
	08/27/2007	**15**
	01/28/2008	**12**
	01/27/2014	1.8
	07/21/2014	1.98
	01/13/2015	1.72
	01/16/2020	1.69
RMW-2S	08/21/2008	2.4
	10/09/2008	2.5
	02/03/2009	2.2
	04/08/2009	2.2
	08/07/2009	3.1
	01/28/2010	2.9
	08/26/2010	3.3
	01/26/2011	0.503
	09/06/2011	4.46
	01/25/2012	3.44

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
RMW-2D	08/21/2008	1 U
	10/09/2008	1 U
	02/03/2009	1 U
	04/08/2009	1 U
	08/07/2009	1 U
	01/28/2010	1 U
	08/26/2010	1 U
	01/26/2011	2.8
	09/06/2011	0.481
	01/25/2012	0.465
Cell 1 (LWBZ)		
MW-40	01/23/2004	5 U
	04/30/2004	5 U
	08/11/2004	5 U
	10/29/2004	5 U
	01/27/2005	2.5 U
	07/20/2005	NS
	01/27/2006	1 U
	08/08/2006	NS
	01/18/2007	NS
	08/06/2007	NS
	01/17/2008	NS
	08/11/2008	NS
	02/02/2009	1 U
	08/19/2009	1 U
	01/29/2010	1 U
	08/25/2010	1.1
	01/24/2011	1.1
	09/02/2011	1.1
	01/20/2012	**29.9**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-41	08/12/2002	4 U
	01/29/2004	5 U
	04/29/2004	5 U
	08/12/2004	5 U
	11/08/2004	5 U
	01/27/2005	2.5 U
	07/20/2005	NS
	01/30/2006	1 U
	08/08/2006	NS
	01/18/2007	NS
	08/06/2007	NS
	01/17/2008	NS
	08/11/2008	NS
Cell 2 Monitoring Wells (LWBZ)		
MW-22	08/08/2002	5 U
	01/23/2004	5 U
	04/28/2004	5 U
	08/06/2004	10 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1 U
	08/10/2006	1 U
	01/25/2007	1 U
	08/16/2007	1.3
	01/22/2008	1 U
MW-33	01/21/2004	5 U
	04/27/2004	5 U
	07/28/2004	5 U
	10/19/2004	10 U
	01/20/2005	2.5 U
	07/20/2005	2.5 U
	01/20/2006	1 U
	08/04/2006	1 U
	01/19/2007	1.2
	08/09/2007	1.4
	01/15/2008	1 U
	08/11/2008	1 U
	01/11/2010	1.1
	08/09/2011	0.993

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-34	08/08/2002	5 U
	01/21/2004	5 U
	04/27/2004	5 U
	07/29/2004	5 U
	10/20/2004	10 U
	01/21/2005	2.5 U
	07/20/2005	2.5 U
	01/23/2006	1 U
	08/07/2006	1 U
	01/18/2007	1.8
	08/10/2007	1.6
	01/16/2008	1 U
MW-35	08/13/2002	4 U
dup	08/13/2002	4 U
	01/21/2004	5 U
	04/28/2004	5 U
	07/30/2004	5 U
	10/25/2004	5 U
	01/24/2005	2.5 U
	07/20/2005	3.63
	01/24/2006	4.5
	08/08/2006	3.7
	01/24/2007	4.8
	08/14/2007	4.7
	01/18/2008	3.8
	08/14/2008	3.5
	01/30/2009	3.4
	08/18/2009	3.1
	01/22/2010	3.4
	08/16/2010	2.7
	01/20/2011	3.18
	08/29/2011	3.28
	01/18/2012	2.42

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-36	08/07/2002	5 U
	01/26/2004	5 U
	04/28/2004	5 U
	07/30/2004	5 U
	10/26/2004	5 U
	01/25/2005	2.5 U
	07/25/2005	2.5 U
	01/25/2006	1 U
	08/08/2006	1 U
	01/24/2007	1
	08/15/2007	1.4
	01/22/2008	1 U
	08/19/2008	1 U
	01/30/2009	1 U
	08/19/2009	1 U
	01/26/2010	1 U
	08/16/2010	1 U
	01/21/2011	0.66
	08/30/2011	0.671
	01/19/2012	0.819
MW-37	08/12/2002	4 U
	01/27/2004	5 U
	04/29/2004	5 U
	08/06/2004	10 U
	10/22/2004	5 U
	01/26/2005	2.5 U
	07/25/2005	2.5 U
	01/26/2006	1 U
	08/09/2006	1 U
	01/26/2007	1 U
	08/17/2007	1.3
	01/23/2008	1 U
	08/20/2008	1 U
	01/27/2010	1 U
	08/31/2011	0.639

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-54	08/12/2008	1.1
	10/06/2008	1 U
	01/26/2009	1 U
	04/06/2009	1 U
	08/05/2009	1 U
	01/13/2010	1.1
	08/12/2010	1 U
	01/13/2011	0.675
	08/24/2011	0.808
	01/10/2012	0.836
MW-55	08/14/2008	1 U
	10/03/2008	1 U
	01/27/2009	1 U
	04/07/2009	1 U
	08/06/2009	1 U
	01/14/2010	1
	08/12/2010	1 U
	01/14/2011	1 U
	08/08/2011	0.938
	01/12/2012	1.06
MW-56	08/21/2008	2.2
	10/08/2008	3.2
	01/27/2009	2.4
	04/07/2009	2.4
	08/06/2009	2.7
	01/14/2010	2.9
	08/12/2010	2.8
	01/19/2011	2.78
	08/26/2011	2.87
	01/13/2012	3.14
MW-59	08/19/2008	**6**
	10/06/2008	2.7
	01/29/2009	3.1
	04/09/2009	4.5
	08/17/2009	4.3
	01/21/2010	1.8
	08/13/2010	4.7
	01/20/2011	3.36
	08/29/2011	3.72
	01/13/2012	2.78

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Arsenic
MTCA Method A Groundwater Cleanup Level		5
MW-62	09/08/2010	1
	01/14/2011	1 U
	08/25/2011	0.889
	01/11/2012	1.01
	08/12/2016	1.49
	01/11/2018	1.64
RNWR Monitoring Wells (LWBZ)		
MW-60	09/03/2008	1 U
	10/09/2008	1 U
	02/03/2009	1 U
	04/08/2009	1 U
	08/07/2009	1 U
	01/28/2010	1 U
	08/25/2010	1 U
	01/24/2011	0.556
	09/06/2011	0.81
	01/25/2012	0.572
MW-61	09/03/2010	1.7
	01/24/2011	1.34
	09/02/2011	1.47
	01/24/2012	1.32
MW-63	09/20/2012	0.17
	08/14/2013	0.854
	01/23/2014	0.1 U
	07/22/2014	0.281
	01/12/2015	0.1 U
	08/12/2016	0.1 U
	01/05/2018	0.1 U
	01/16/2020	0.117

NOTES:

Bold indicates detected concentration that exceeds MTCA Method A groundwater cleanup level.

dup = duplicate sample.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

NS = not sampled.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

MAUL FOSTER ALONGI

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloroethene	Pentachlorophenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
Shallow UWBZ					
MW-46S	07/27/2004	MW48-072704	**32.6**	--	--
	10/21/2004	MW48-102104	**31.8**	--	--
	01/20/2005	MW46S012005	**47.1**	--	--
	04/26/2005	MW46S042705	**12.0**	--	--
	07/19/2005	MW46S072005	**51.2**	--	--
	10/19/2005	MW46S101905	**11**	--	--
	01/19/2006	MW46S011906	**37**	--	--
	04/27/2006	MW46S042706	**35**	--	--
	08/03/2006	MW46S080306	**40**	--	--
	10/25/2006	MW46S102506	**52**	--	--
	01/11/2007	MW46S011107	**56**	--	--
	04/11/2007	MW46S041107	**44**	--	--
	08/08/2007	MW46S080807	**42**	--	--
	01/11/2008	MW46S011108	**38**	--	--
	08/08/2008	MW46S080808	**53**	--	--
	01/20/2009	MW46S012309	**18**	--	--
	08/04/2009	MW46S080409	**43**	--	--
	01/08/2010	MW46S010810	**32**	--	--
	08/24/2011	MW46S082411	**24.1**	--	--
	08/08/2012	MW46S080812	**21.7**	--	--
	08/12/2013	MW-46S-20130812-GW	**20.8**	--	--
	01/22/2014	MW46S012214	**20.1**	--	--
	07/22/2014	MW46S072214	**39.4**	--	--
	01/14/2015	MW46S011415	**14.5**	--	--
	08/15/2016	MW46S081516	**28.5**	--	--
	01/08/2018	MW465010818	2.65	--	--
	01/15/2020	MW46S011520	**19**	--	--
Deep UWBZ					
MW-29	08/06/2002	GW-123	--	**28**	--
	01/22/2004	MW29-012204	--	**27**	--
	04/30/2004	MW29-043004	--	**21**	--
MW-29D	10/21/2004	MW29R-102104	--	**17**	--
	01/19/2005	MW29D011905	--	**18.8**	--
	04/26/2005	MW29D042605	--	**20.1**	--
	07/19/2005	MW29D071905	--	**13.4 J**	--
	10/18/2005	MW29D101805	--	**9.12**	--
	01/18/2006	MW29D011806	--	**11.6**	--
	04/26/2006	MW29D042606	--	**13.7**	--
	08/01/2006	MW29D080106	--	**6.51**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloroethene	Pentachlorophenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW-29D (cont)	10/24/2006	MW29D102406	--	**18.8**	--
	01/09/2007	MW29D010907	--	**18.5**	--
	04/10/2007	MW29D041007	--	**5.61**	--
	08/07/2007	MW29D080707	--	**15.2**	--
	01/10/2008	MW29D011008	--	**15.1**	--
	08/07/2008	MW29D080708	--	**4.60**	--
	01/20/2009	MW29D012109	--	**11.1**	--
	08/03/2009	MW29D080309	--	**9.84**	--
	01/07/2010	MW29D010710	--	**12.1**	--
	08/22/2011	MW29D082211	--	**9.85**	--
	01/26/2012	MW29D012612	--	**8.73**	--
	08/08/2012	MW29D080812	--	**3.87**	--
	08/12/2013	MW-29D-20130812-GW	--	**2.26**	--
	01/21/2014	MW29D012114	--	**2.56**	--
	07/22/2014	MW29D072214	--	**2.01**	--
	01/12/2015	MW29D011215	--	**1.8**	--
	08/15/2016	MW29D081516	--	1 U	--
	01/08/2018	MW29D010818	--	**5.92**	--
	01/15/2020	MW29D011520	--	1 U	--
MW-45D	07/26/2004	MW45-072604	--	**6.3**	**120**
	10/21/2004	MW45-102104	--	**6.8**	**120 J**
	01/20/2005	MW45D012005	--	**5.68**	**24.2**
	04/26/2005	MW45D042705	--	**6.78**	**105**
dup	04/26/2005	MW45D042705-Dup	--	**6.36**	**114**
	07/19/2005	MW45D072005	--	**4.96 J**	**81**
	10/21/2005	MW45D102105	--	**2.06**	**64.5**
dup	10/21/2005	MW45D102105-DUP	--	**2.14**	**56.3**
	01/19/2006	MW45D011906	--	1 U	**47.0**
	04/28/2006	MW45D042806	--	**3.52**	**61.8**
dup	04/28/2006	MW45D042806-Dup	--	**3.36**	**72.9**
	08/03/2006	MW45D080306	--	1 U	**75.2**
dup	08/03/2006	MW45D080306-Dup	--	1 U	**84.0**
	10/25/2006	MW45D102506	--	**5.04**	**72.0**
dup	10/25/2006	MW45D102506-Dup	--	**5.24**	**58.8**
	01/10/2007	MW45D011007	--	**5.14**	**38.2**
dup	01/10/2007	MW45D011007-Dup	--	**4.98**	**38.1**
	04/11/2007	MW45D041107	--	1 U	**35.9**
dup	04/11/2007	MW45D041107-Dup	--	1 U	**28.6**
	08/08/2007	MW45D080807	--	1 U	**36.7**
	01/11/2008	MW45D011108	--	**4.51**	**70.1**
	08/08/2008	MW45D080808	--	1 U	**34.9**

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloroethene	Pentachlorophenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW45D (cont)	01/20/2009	MW45D012209	--	**3.16**	**40.2**
dup	01/20/2009	MW45D012209-Dup	--	**3.2**	**45.3**
	08/04/2009	MW45D080409	--	**3.08**	**53.0**
	01/07/2010	MW45D010710	--	**3.65**	**35.5**
	08/24/2011	MW45D082411	--	**5.75**	**19.4**
dup	08/24/2011	MW45D082411-Dup	--	**5.7**	**50.6**
	08/08/2012	MW45D080812	--	**5.66**	**29**
dup	08/08/2012	MW45DDUP080812	--	**6.3**	**30.5**
	08/12/2013	MW-45D-20130812-GW	--	**3.03 J**	0.5 UJ
dup	08/12/2013	MW-45D-20130812-GW-DUP	--	**1.07 J**	**3.44**
	01/22/2014	MW45D012214	--	**3.59**	**34.8**
dup	01/22/2014	MW45DDUP012214	--	**3.48**	**37.2**
	07/22/2014	MW45D072214	--	**4.47**	**21.5**
dup	07/22/2014	MW45DDUP072214	--	**3.68**	**22.4**
	01/14/2015	MW45D011415	--	**3.79**	**16.2**
dup	01/14/2015	MW45DDUP011415	--	**3.64**	**18.7**
	08/15/2016	MW45D081516	--	**1.45**	**9.96**
dup	08/15/2016	MW45DDUP081516	--	**1.53**	**9.2**
	01/08/2018	MW45D010818	--	**3.84**	**15.8**
dup	01/08/2018	MW45DDUP010818	--	**3.96**	**16**
	01/15/2020	MW45D011520	--	**4.15**	**15.5**
dup	01/15/2020	MW45D011520-DUP	--	**4.42**	**20.9**

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloroethene	Pentachlorophenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW-46D	07/27/2004	MW47-072704	--	**9.3**	--
	10/21/2004	MW47-102104	--	**9.8**	--
	01/20/2005	MW46D012005	--	**8.95**	--
	04/26/2005	MW46D042705	--	**10.7**	--
	07/19/2005	MW46D072005	--	**7.82 J**	--
	10/19/2005	MW46D101905	--	**3.76**	--
	01/19/2006	MW46D011906	--	**3.92**	--
	04/27/2006	MW46D042706	--	**5.91**	--
	08/03/2006	MW46D080306	--	**1.71**	--
	10/25/2006	MW46D102506	--	**7.96**	--
	01/11/2007	MW46D011107	--	**7.83**	--
	04/11/2007	MW46D041107	--	1 U	--
	08/08/2007	MW46D080807	--	1 U	--
	01/11/2008	MW46D011108	--	**6.85**	--
	08/08/2008	MW46D080808	--	**2.2**	--
	01/20/2009	MW46D012309	--	**5.13**	--
	08/04/2009	MW46D080409	--	**5.05**	--
	01/08/2010	MW46D010810	--	**6.4**	--
	08/22/2011	MW46D082211	--	**6.9**	--
	08/08/2012	MW46D080812	--	**6.95**	--
	08/12/2013	MW-46D-20130812-GW	--	**3.67**	--
	01/22/2014	MW46D012214	--	**3.31**	--
	07/22/2014	MW46D072214	--	**4.21**	--
	01/14/2015	MW46D011415	--	**2.93**	--
	08/15/2016	MW46D081516	--	**2.19**	--
	01/08/2018	MW46D010818	--	1 U	--
	01/15/2020	MW46D011520	--	**6.55**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Former Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloroethene	Pentachlorophenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
MW-47D	07/26/2004	MW50-072604	--	**20**	--
	10/21/2004	MW50-102104	--	**19**	--
	01/19/2005	MW47D011905	--	**17.2**	--
	04/26/2005	MW47D042605	--	**20.8**	--
	07/19/2005	MW47D071905	--	**14.5 J**	--
	10/18/2005	MW47D101805	--	**8.28**	--
	01/18/2006	MW47D011806	--	**9.45**	--
	04/26/2006	MW47D042606	--	**8.61**	--
	08/01/2006	MW47D080106	--	**9.61**	--
	10/24/2006	MW47D102406	--	**15.3**	--
	01/09/2007	MW47D010907	--	**15.5**	--
	04/10/2007	MW47D041007	--	**2.27**	--
	08/07/2007	MW47D080707	--	**7.12**	--
	01/10/2008	MW47D011008	--	**13.6**	--
	08/07/2008	MW47D080708	--	**4.58**	--
	01/20/2009	MW47D012109	--	**11.0**	--
	08/03/2009	MW47D080309	--	**8.64**	--
	01/07/2010	MW47D010710	--	**7.86**	--
	08/22/2011	MW47D082211	--	**15.4**	--
	01/26/2012	MW47D012612	--	**14.2**	--
	08/08/2012	MW47D080812	--	**14.4**	--
	08/12/2013	MW-47D-20130812-GW	--	**7.66**	--
	01/21/2014	MW47D012114	--	**10.4**	--
	07/22/2014	MW47D072214	--	**10.2**	--
	01/12/2015	MW47D011215	--	**8.41**	--
	08/15/2016	MW47D081516	--	**4.22**	--
	01/08/2018	MW47D010818	--	**1**	--
	01/15/2020	MW47D011520	--	**6.47**	--

NOTES:

Bold number indicates detected concentration that exceeds CUL.

-- = not analyzed.

CUL = cleanup level.

dup = duplicate sample.

J = result for this analyte is an estimated concentration.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

[a]MTCA Method A CUL.

ATTACHMENT A

FIELD SAMPLING DATA SHEETS

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-29D
Project Name	Groundwater, POR	**Sample Name**	MW29D011520
Operable Unit		**Sample Depth**	53
Area of Concern		**Sampling Date**	01/15/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	8:01:00 AM	55.84		15.13		40.71	6.64

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	8:17:00 AM	1	0.23	6.06	12.9	329.8	1.42	174	1.79
	8:21:00 AM	1.2	0.23	6.04	13.1	330.8	0.97	170.7	1.65
	8:25:00 AM	1.4	0.23	6.04	13.1	331.1	0.71	167.5	1.35
	8:29:00 AM	1.6	0.23	6.04	13	331.7	0.5	165	0.94
	8:33:00 AM	1.8	0.23	6.04	13	330.9	0.47	162.7	1.19
Final Field Parameters:	8:37:00 AM	2	0.23	6.05	13	330.3	0.42	161	2.34

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: Clear, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	8:37:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 08:07.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-45D
Project Name	Groundwater, POR	**Sample Name**	MW45D011520
Operable Unit		**Sample Depth**	48
Area of Concern		**Sampling Date**	01/15/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	11:00:00 AM	50.12		13.78		36.34	5.92

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:10:00 AM	0.25	0.1	6.27	11.5	271.9	3.46	155.8	3.19
	11:18:00 AM	0.45	0.1	6.21	11.7	273.9	1.82	155.3	1.87
	11:22:00 AM	0.55	0.1	6.18	11.8	271.7	1.61	155.1	2.41
	11:26:00 AM	0.65	0.1	6.17	11.6	272.4	1.24	155	2.22
	11:38:00 AM	0.85	0.4	6.11	13.3	270.5	0.24	156.1	3.62
	11:42:00 AM	1.25	0.4	6.12	13.3	270.8	0.19	155.7	3.47
Final Field Parameters:	11:46:00 AM	1.65	0.4	6.12	13.3	271.2	0.19	155.1	4.12

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, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	11:46:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments:

Began purging at 11:00.
Duplicate sample also collected at this location MW45D011520-DUP.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-45D
Project Name	Groundwater, POR	**Sample Name**	MW45D011520-DUP
Operable Unit		**Sample Depth**	48
Area of Concern		**Sampling Date**	01/15/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	11:00:00 AM	50.12		13.78		36.34	5.92

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:10:00 AM	0.25	0.1	6.27	11.5	271.9	3.46	155.8	3.19
	11:18:00 AM	0.45	0.1	6.21	11.7	273.9	1.82	155.3	1.87
	11:22:00 AM	0.55	0.1	6.18	11.8	271.7	1.61	155.1	2.41
	11:26:00 AM	0.65	0.1	6.17	11.6	272.4	1.24	155	2.22
	11:38:00 AM	0.85	0.4	6.11	13.3	270.5	0.24	156.1	3.62
	11:42:00 AM	1.25	0.4	6.12	13.3	270.8	0.19	155.7	3.47
Final Field Parameters:	11:46:00 AM	1.65	0.4	6.12	13.3	271.2	0.19	155.1	4.12

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, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	11:46:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments:

Began purging at 11:00.
This is a duplicate sample of MW45D011520.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-46D
Project Name	Groundwater, POR	**Sample Name**	MW46D011520
Operable Unit		**Sample Depth**	47
Area of Concern		**Sampling Date**	01/15/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	9:37:00 AM	50.09		7.07		43.02	7.01

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	9:48:00 AM	0.5	0.2	6.02	12.7	232.3	3.65	159.5	2.62
	9:52:00 AM	0.7	0.2	6.03	12.7	231.8	3.61	158.2	2.41
Final Field Parameters:	9:56:00 AM	0.9	0.2	6.03	12.7	232.3	3.56	157.6	2.32

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	9:56:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 09:38.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-46S
Project Name	Groundwater, POR	**Sample Name**	MW46S011520
Operable Unit		**Sample Depth**	24
Area of Concern		**Sampling Date**	01/15/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	10:04:00 AM	27.27		7.21		20.06	3.27

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	10:14:00 AM	0.75	0.3	6.43	12.5	649	0.66	155.5	95.8
	10:22:00 AM	1.05	0.15	6.46	11.6	663	0.66	153.1	74.2
	10:26:00 AM	1.2	0.15	6.45	11.5	673	0.48	152.9	54.7
	10:30:00 AM	1.35	0.15	6.45	11.8	688	0.42	152	37.9
	10:34:00 AM	1.5	0.15	6.45	12	695	0.36	151.2	29.6
	10:38:00 AM	1.65	0.15	6.45	11.8	706	0.32	150.2	26.8
Final Field Parameters:	10:42:00 AM	1.8	0.15	6.45	11.8	709	0.38	149.7	23.2

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: Slightly turbid, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	10:42:00 AM	VOA-Glass		
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	1	

General Sampling Comments: Began purging at 10:04.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-47D
Project Name	Groundwater, POR	**Sample Name**	MW47D011520
Operable Unit		**Sample Depth**	48
Area of Concern		**Sampling Date**	01/15/2020
Cell		**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	8:55:00 AM	51.5		10.91		40.51	6.62

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	9:05:00 AM	0.5	0.2	6.09	13.5	327.7	1.75	162.4	1.08
	9:09:00 AM	0.7	0.2	6.08	13.6	324.8	1.19	160.5	1.21
	9:13:00 AM	0.9	0.2	6.07	13.7	330.2	0.49	159.6	1.25
	9:17:00 AM	1.1	0.2	6.08	13.6	330.4	0.46	159	1.43
Final Field Parameters:	9:21:00 AM	1.3	0.2	6.07	13.6	330.6	0.9	158.3	1.51

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	9:21:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments: Began purging at 08:55.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55
Project Name	Groundwater, POR	**Sample Name**	MW55011620
Operable Unit		**Sample Depth**	100
Area of Concern		**Sampling Date**	01/16/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	9:30:00 AM	102.6		14.44		88.16	14.37

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	9:45:00 AM	0.6	0.25	6.45	12.9	384.7	0.84	155.7	2.49
	9:49:00 AM	0.85	0.25	6.45	12.9	384.2	0.69	153.4	2.88
	9:53:00 AM	1.1	0.25	6.44	12.9	384.7	0.68	152.4	2.56
Final Field Parameters:	9:57:00 AM	1.35	0.25	6.44	12.9	384.4	0.63	151.6	4.1

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	9:57:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 09:35.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55D
Project Name	Groundwater, POR	**Sample Name**	MW55D011620
Operable Unit		**Sample Depth**	75
Area of Concern		**Sampling Date**	01/16/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	10:13:00 AM	78.35		14.41		63.94	10.42

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	10:25:00 AM	1	0.4	6.55	12.9	777	0.69	152.1	50.2
	10:29:00 AM	1.4	0.4	6.55	12.9	762	0.71	150.5	88.6
	10:33:00 AM	1.8	0.4	6.55	13	789	1.25	149.9	91.8
	10:37:00 AM	2.2	0.4	6.56	13	799	1.2	149	97.2
Final Field Parameters:	10:41:00 AM	2.6	0.4	6.57	12.9	806	1.22	149	90.6

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: Turbid, colorless, faint petroleum hydrocarbon-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	10:41:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 10:15.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-55S
Project Name	Groundwater, POR	**Sample Name**	MW55S011620
Operable Unit		**Sample Depth**	32
Area of Concern		**Sampling Date**	01/16/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	10:54:00 AM	34.33		12.07		22.26	3.63

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	11:05:00 AM	0.6	0.25	6.58	13.4	1006	7.54	145.3	82.4
	11:13:00 AM	1.1	0.25	6.59	13.5	1018	0.5	142.5	56.4
	11:17:00 AM	1.35	0.25	6.59	13.5	1021	0.42	141.5	50.1
	11:21:00 AM	1.6	0.25	6.67	13.6	1024	0.28	140	43.1
	11:58:00 AM	4.5	0.25	6.73	13.6	1022	0.2	133.8	12.4
	12:06:00 PM	5	0.25	6.72	13.7	1020	0.18	132.8	11
Final Field Parameters:	12:10:00 PM	5.25	0.25	6.72	13.7	1019	0.15	132.4	9.72

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, colorless, strong petroleum hydrocarbon-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	12:10:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 10:55.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-56
Project Name	Groundwater, POR	**Sample Name**	MW56011520
Operable Unit		**Sample Depth**	113
Area of Concern		**Sampling Date**	01/15/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	2:24:00 PM	116.1		11.6		104.5	17.03

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	2:35:00 PM	0.6	0.225	6.65	13.2	345.6	0.49	154	3.91
	2:44:00 PM	1.2	0.25	6.63	13.1	325.1	0.32	151	1.76
	2:48:00 PM	1.45	0.25	6.61	13	321.2	0.28	150.2	1.83
Final Field Parameters:	2:52:00 PM	1.6	0.25	6.55	13	319.9	0.27	149.5	1.89

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, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	2:52:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 14:25.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-57D
Project Name	Groundwater, POR	**Sample Name**	MW57D011520
Operable Unit		**Sample Depth**	76
Area of Concern		**Sampling Date**	01/15/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	1:06:00 PM	78.11		20.46		57.65	9.4

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:25:00 PM	0.4	0.15	6.75	12.2	720	0.31	158.6	5.57
	1:24:00 PM	0.55	0.15	6.76	12.2	505.1	0.21	158.3	5.32
	1:33:00 PM	0.7	0.15	6.75	12.4	601.7	0.16	157.4	5.82
	1:37:00 PM	0.85	0.15	6.76	12.3	611.6	0.13	157	6.02
Final Field Parameters:	1:41:00 PM	1	0.15	6.75	12.3	618.1	0.13	151.2	6.8

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, colorless, effervescent, petroleum hydrocarbon-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	1:41:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments:

Began purging at 13:15.
Duplicate sample also collected at this location MW57D011520-DUP.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-57D
Project Name	Groundwater, POR	**Sample Name**	MW57D011520-DUP
Operable Unit		**Sample Depth**	76
Area of Concern		**Sampling Date**	01/15/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	1:06:00 PM	78.11		20.46		57.65	9.4

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:25:00 PM	0.4	0.15	6.75	12.2	720	0.31	158.6	5.57
	1:24:00 PM	0.55	0.15	6.76	12.2	505.1	0.21	158.3	5.32
	1:33:00 PM	0.7	0.15	6.75	12.4	601.7	0.16	157.4	5.82
	1:37:00 PM	0.85	0.15	6.76	12.3	611.6	0.13	157	6.02
Final Field Parameters:	1:41:00 PM	1	0.15	6.75	12.3	618.1	0.13	151.2	6.8

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, colorless, effervescent, petroleum hydrocarbon-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	1:41:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments:

Began purging at 13:15.
This is a duplicate sample of MW57D011520.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-57S
Project Name	Groundwater, POR	**Sample Name**	MW57S011520
Operable Unit		**Sample Depth**	27
Area of Concern		**Sampling Date**	01/15/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	12:16:00 PM	29.91		15.67		14.24	2.32

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	12:20:00 PM	0.2	0.25	6.28	12.8	818	0.22	165.7	
	12:30:00 PM	1.7	0.6	6.47	13.7	867	0.13	155.2	34.4
	12:34:00 PM	2.3	0.6	6.5	13.7	861	0.09	152.4	16.4
	12:38:00 PM	2.9	0.6	6.5	13.7	841	0.09	152	10.54
	12:42:00 PM	3.5	0.6	6.51	13.7	837	0.08	150.7	7.68
	12:46:00 PM	4.1	0.6	6.53	13.7	835	0.09	150	7.45
Final Field Parameters:	12:50:00 PM	4.7	0.6	6.52	13.7	837	0.08	149	7.16

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, colorless, petroleum hydrocarbon-like odor, effervescent.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	12:50:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 12:17.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-58D
Project Name	Groundwater, POR	**Sample Name**	MW58D011520
Operable Unit		**Sample Depth**	75
Area of Concern		**Sampling Date**	01/15/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	3:05:00 PM	78.23		11.85		66.38	10.82

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	3:15:00 PM	0.2	0.25	6.35	13.3	662	0.14	153.4	1.74
	3:28:00 PM	0.45	0.25	6.35	13.3	660	0.49	150.7	2.18
Final Field Parameters:	3:32:00 PM	0.7	0.25	6.33	13.3	662	0.15	150.7	1.27

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, colorless, faint organic-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	3:32:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 15:05.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-61
Project Name	Groundwater, POR	**Sample Name**	MW61011520
Operable Unit		**Sample Depth**	102
Area of Concern		**Sampling Date**	01/15/2020
Cell		**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/15/2020	3:52:00 PM	105.37		11.38		93.99	15.32

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	4:05:00 PM	0.5	0.2	6.74	11	381.5	1.06	151	2.95
	4:09:00 PM	0.7	0.2	6.73	11.2	376.7	0.7	150.1	2.65
	4:13:00 PM	0.9	0.2	6.73	11.1	375.3	0.5	149.4	2.59
	4:17:00 PM	1.1	0.2	6.73	11.1	374.4	0.45	144	1.78
Final Field Parameters:	4:21:00 PM	1.3	0.2	6.73	11.1	374.1	0.41	148.1	2.13

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, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	4:21:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 15:55.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-62
Project Name	Groundwater, POR	**Sample Name**	MW62011620
Operable Unit		**Sample Depth**	109
Area of Concern		**Sampling Date**	01/16/2020
Cell	2	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	12:27:00 PM	111.42		12.72		98.7	16.09

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	12:38:00 PM	0.4	0.16	6.71	13.2	349.3	2.3	133.7	10.34
	12:42:00 PM	0.6	0.16	6.69	13.1	349	2.29	133.9	8.03
	12:46:00 PM	0.8	0.16	6.68	13.1	349.1	1.64	133.9	7.14
	12:50:00 PM	1	0.16	6.66	13.1	349.7	1.34	134	7.48
	12:54:00 PM	1.2	0.16	6.66	13.1	350	1.34	133.9	6.92
Final Field Parameters:	12:58:00 PM	1.4	0.16	6.65	13	350.1	1.25	133.8	7.32

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	12:58:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments: Began purging at 12:28.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	MW-63
Project Name	Groundwater, POR	**Sample Name**	MW63011620
Operable Unit		**Sample Depth**	112
Area of Concern		**Sampling Date**	01/16/2020
Cell		**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	3:37:00 PM	117.3		8.87		108.43	17.67

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	3:47:00 PM	0.4	0.15	7.15	11.4	407.8	1.26	158.2	32.6
	4:31:00 PM	2.15	0.15	7.24	11.3	411.5	0.44	157.3	24.2
	4:47:00 PM	3	0.15	7.21	11	403.2	0.5	157.7	19.3
	4:51:00 PM	3.15	0.15	7.2	11.2	407.4	0.42	158	17.7
	4:55:00 PM	3.3	0.15	7.2	11.2	407.3	0.39	157.8	14.2
	4:59:00 PM	3.45	0.15	7.21	11.3	406.8	0.37	157.3	13.9
Final Field Parameters:	5:05:00 PM	3.6	0.15	7.21	11.3	405.9	0.42	156.8	14.1

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, colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	5:05:00 PM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 15:37.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	RMW-2D
Project Name	Groundwater, POR	**Sample Name**	RMW2D011620
Operable Unit		**Sample Depth**	30
Area of Concern		**Sampling Date**	01/16/2020
Cell		**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	
		Northing	
		Reference Elevation	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	1:40:00 PM	32.2		6.56		25.64	4.18

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	1:52:00 PM	0.6	0.22	6.58	12.3	351.4	1.58	146.4	5.01
	1:56:00 PM	0.8	0.22	6.57	12.3	352.3	0.99	145.3	3.98
	2:00:00 PM	1	0.22	6.55	12.3	352.9	0.7	144.1	3.49
	2:04:00 PM	1.2	0.22	6.55	12.4	352.5	0.59	143	3.54
	2:08:00 PM	1.4	0.22	6.55	12.4	352.4	0.5	142.9	2.95
	2:12:00 PM	1.6	0.22	6.55	12.4	352.1	0.46	142.2	2.37
Final Field Parameters:	2:16:00 PM	1.8	0.22	6.56	12.5	352.1	0.4	141.4	2.61

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	2:16:00 PM	VOA-Glass		
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	1	

General Sampling Comments: Began purging at 13:42.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	RMW-2S
Project Name	Groundwater, POR	**Sample Name**	RMW2S011620
Operable Unit		**Sample Depth**	16
Area of Concern		**Sampling Date**	01/16/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	2:33:00 PM	17.84		5.65		12.19	1.99

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	2:46:00 PM	0.8	0.4	6.42	11.5	342.2	0.69	146	83.5
	2:50:00 PM	1.2	0.4	6.42	11.5	342.2	0.71	144.1	12.1
	2:54:00 PM	1.6	0.4	6.36	11.5	343	0.68	142.9	8.95
	2:58:00 PM	2	0.4	6.36	11.5	343.9	0.69	142	5.52
	3:06:00 PM	2.8	0.4	6.31	11.6	344.7	0.67	140.4	4.93
	3:10:00 PM	3.2	0.4	6.35	11.6	345	0.65	139.7	3.67
Final Field Parameters:	3:14:00 PM	3.6	0.4	6.32	11.6	345.1	0.62	139.2	3.33

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, colorless, organic-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	3:14:00 PM	VOA-Glass		
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	1	

General Sampling Comments: Began purging at 14:36.

Signature _____

Maul Foster & Alongi, Inc

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Port of Ridgefield Water Field Sampling Data Sheet

Project #	9003.01.28	**Sample Location**	USDFW-1
Project Name	Groundwater, POR	**Sample Name**	USDFW1011620
Operable Unit		**Sample Depth**	20
Area of Concern		**Sampling Date**	01/16/2020
Cell	3	**Sampler**	KO; MP
FSDS QA	S. Maloney; 1/22/2020	**Easting**	**Reference Elevation**
		Northing	

					(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
Date	**Time**	**DT-Bottom**	**DT-Product**	**DT-Water**	**DTP-DTW**	**DTB-DTW**	**Pore Volume**
1/16/2020	8:10:00 AM	22.7		4.93		17.77	2.9

(1" = 0.041 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) (10" = 4.080 gal/ft) (12" = 5.875 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	EH	Turbidity
(1) Submersible Pump	8:22:00 AM	1	0.28	6.54	13.1	315.5	10.48	170.6	53.6
	8:26:00 AM	1.3	0.28	6.53	12.9	307.2	10.68	167.6	108.5
	8:30:00 AM	1.6	0.28	6.55	13.4	588.1	10.11	161.9	18.3
	8:34:00 AM	1.9	0.28	6.55	13.5	588.6	1.68	160	13.7
	8:38:00 AM	2.2	0.28	6.56	13.5	587.1	1.67	159.5	6.98
	8:42:00 AM	2.5	0.28	6.56	13.5	589.1	1.68	157.9	5.35
Final Field Parameters:	8:46:00 AM	2.8	0.28	6.54	13.5	591.6	1.63	157	4.24

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, colorless, no odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(1) Submersible Pump	Groundwater	8:46:00 AM	VOA-Glass	3	No
			Amber Glass	1	No
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly	1	Yes
			Total Bottles	5	

General Sampling Comments: Began purging at 08:12.

Signature _____

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Specialty Analytical

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

February 05, 2020

Andrew Vidourek
Maul Foster & Alongi
109 East 13th Street
Vancouver, WA 98660

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

RE: Port of Ridgefield / 9003.01.28

Dear Andrew Vidourek: Order No.: 2001129

Specialty Analytical received 21 sample(s) on 1/17/2020 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: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 8:37:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-001
Client Sample ID: MW29D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	1/20/2020 7:20:00 PM
Surr: 1,2-Dichloroethane-d4	91.1	75.3-126		%REC	1	1/20/2020 7:20:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	1/20/2020 7:20:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/20/2020 7:20:00 PM
Surr: Toluene-d8	104	76.2-135		%REC	1	1/20/2020 7:20:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 9:21:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-002
Client Sample ID: MW47D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Tetrachloroethene	6.47	1.00		µg/L	1	1/20/2020 7:41:00 PM
Surr: 1,2-Dichloroethane-d4	93.1	75.3-126		%REC	1	1/20/2020 7:41:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	1/20/2020 7:41:00 PM
Surr: Dibromofluoromethane	103	74.2-122		%REC	1	1/20/2020 7:41:00 PM
Surr: Toluene-d8	106	76.2-135		%REC	1	1/20/2020 7:41:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 9:56:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-003
Client Sample ID: MW46D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Tetrachloroethene	6.55	1.00		µg/L	1	1/20/2020 8:03:00 PM
Surr: 1,2-Dichloroethane-d4	93.4	75.3-126		%REC	1	1/20/2020 8:03:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	1/20/2020 8:03:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/20/2020 8:03:00 PM
Surr: Toluene-d8	103	76.2-135		%REC	1	1/20/2020 8:03:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/15/2020 10:42:00 AM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-004		
Client Sample ID:	MW46S011520	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	19.0	0.100		µg/L	1	1/20/2020 11:47:01 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 11:46:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-005
Client Sample ID: MW45D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	15.5	1.47		µg/L	1	1/24/2020 5:30:00 PM
Surr: 2,4,6-Tribromophenol	95.6	33.1-130		%REC	1	1/24/2020 5:30:00 PM
Surr: 2-Fluorobiphenyl	91.4	33.1-130		%REC	1	1/24/2020 5:30:00 PM
Surr: 2-Fluorophenol	42.4	13.4-130		%REC	1	1/24/2020 5:30:00 PM
Surr: 4-Terphenyl-d14	82.8	41-130		%REC	1	1/24/2020 5:30:00 PM
Surr: Nitrobenzene-d5	85.9	28.9-130		%REC	1	1/24/2020 5:30:00 PM
Surr: Phenol-d6	29.0	10.6-130		%REC	1	1/24/2020 5:30:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Tetrachloroethene	4.15	1.00		µg/L	1	1/20/2020 8:25:00 PM
Surr: 1,2-Dichloroethane-d4	93.5	75.3-126		%REC	1	1/20/2020 8:25:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	1/20/2020 8:25:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/20/2020 8:25:00 PM
Surr: Toluene-d8	104	76.2-135		%REC	1	1/20/2020 8:25:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 11:46:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-006
Client Sample ID: MW45D011520-DUP
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	20.9	1.50		µg/L	1	1/24/2020 6:00:00 PM
Surr: 2,4,6-Tribromophenol	102	33.1-130		%REC	1	1/24/2020 6:00:00 PM
Surr: 2-Fluorobiphenyl	91.3	33.1-130		%REC	1	1/24/2020 6:00:00 PM
Surr: 2-Fluorophenol	47.2	13.4-130		%REC	1	1/24/2020 6:00:00 PM
Surr: 4-Terphenyl-d14	83.8	41-130		%REC	1	1/24/2020 6:00:00 PM
Surr: Nitrobenzene-d5	91.7	28.9-130		%REC	1	1/24/2020 6:00:00 PM
Surr: Phenol-d6	29.6	10.6-130		%REC	1	1/24/2020 6:00:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Tetrachloroethene	4.42	1.00		µg/L	1	1/20/2020 8:46:00 PM
Surr: 1,2-Dichloroethane-d4	93.9	75.3-126		%REC	1	1/20/2020 8:46:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	1/20/2020 8:46:00 PM
Surr: Dibromofluoromethane	103	74.2-122		%REC	1	1/20/2020 8:46:00 PM
Surr: Toluene-d8	114	76.2-135		%REC	1	1/20/2020 8:46:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 12:50:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-007
Client Sample ID: MW57S011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	76.7	0.100		µg/L	1	1/20/2020 12:00:42 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
1-Methylnaphthalene	551	10.7		µg/L	10	1/27/2020 4:43:00 PM
2,3,4,6-Tetrachlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,3,4-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,3,5,6-Tetrachlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,3,5-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,3,6-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,4,5-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2,4,6-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
2-Methylnaphthalene	642	10.7		µg/L	10	1/27/2020 4:43:00 PM
3,4,5-Trichlorophenol	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Acenaphthene	298	10.7		µg/L	10	1/27/2020 4:43:00 PM
Acenaphthylene	6.87	1.07		µg/L	1	1/24/2020 6:31:00 PM
Anthracene	11.4	1.07		µg/L	1	1/24/2020 6:31:00 PM
Benz(a)anthracene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Benzo(a)pyrene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Benzo(b)fluoranthene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Benzo(g,h,i)perylene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Benzo(k)fluoranthene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Carbazole	210	10.7		µg/L	10	1/27/2020 4:43:00 PM
Chrysene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Dibenz(a,h)anthracene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Dibenzofuran	134	10.7		µg/L	10	1/27/2020 4:43:00 PM
Fluoranthene	4.06	1.07		µg/L	1	1/24/2020 6:31:00 PM
Fluorene	101	10.7		µg/L	10	1/27/2020 4:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	1.07		µg/L	1	1/24/2020 6:31:00 PM
Naphthalene	14600	427		µg/L	400	1/27/2020 11:13:00 AM
Pentachlorophenol	1.81	1.60		µg/L	1	1/24/2020 6:31:00 PM
Phenanthrene	64.7	1.07		µg/L	1	1/24/2020 6:31:00 PM
Pyrene	2.59	1.07		µg/L	1	1/24/2020 6:31:00 PM
Surr: 2,4,6-Tribromophenol	124	33.1-130		%REC	1	1/24/2020 6:31:00 PM
Surr: 2-Fluorobiphenyl	119	33.1-130		%REC	1	1/24/2020 6:31:00 PM
Surr: 2-Fluorophenol	51.1	13.4-130		%REC	1	1/24/2020 6:31:00 PM
Surr: 4-Terphenyl-d14	104	41-130		%REC	1	1/24/2020 6:31:00 PM
Surr: Nitrobenzene-d5	86.9	28.9-130		%REC	1	1/24/2020 6:31:00 PM
Surr: Phenol-d6	40.2	10.6-130		%REC	1	1/24/2020 6:31:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 12:50:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-007
Client Sample ID: MW57S011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1-Dichloroethene	2.62	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2,4-Trimethylbenzene	359	10.0		µg/L	10	1/21/2020 4:54:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,3,5-Trimethylbenzene	60.2	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 6:06:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 6:06:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
4-Isopropyltoluene	21.6	1.00		µg/L	1	1/21/2020 6:06:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 6:06:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 6:06:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 6:06:00 PM
Benzene	1.48	0.300		µg/L	1	1/21/2020 6:06:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 6:06:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 12:50:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-007
Client Sample ID: MW57S011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Chloroethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
cis-1,2-Dichloroethene	2.63	1.00		µg/L	1	1/21/2020 6:06:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Ethylbenzene	188	10.0		µg/L	10	1/21/2020 4:54:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Isopropylbenzene	25.2	1.00		µg/L	1	1/21/2020 6:06:00 PM
m,p-Xylene	150	2.00		µg/L	1	1/21/2020 6:06:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 6:06:00 PM
Naphthalene	19600	200		µg/L	200	1/21/2020 12:08:00 PM
n-Butylbenzene	8.29	1.00		µg/L	1	1/21/2020 6:06:00 PM
n-Propylbenzene	26.6	1.00		µg/L	1	1/21/2020 6:06:00 PM
o-Xylene	113	10.0		µg/L	10	1/21/2020 4:54:00 PM
sec-Butylbenzene	7.36	1.00		µg/L	1	1/21/2020 6:06:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
tert-Butylbenzene	1.77	1.00		µg/L	1	1/21/2020 6:06:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Toluene	6.82	1.00		µg/L	1	1/21/2020 6:06:00 PM
trans-1,2-Dichloroethene	2.24	1.00		µg/L	1	1/21/2020 6:06:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 6:06:00 PM
Surr: 1,2-Dichloroethane-d4	91.2	75.3-126		%REC	1	1/21/2020 6:06:00 PM
Surr: 4-Bromofluorobenzene	114	78.1-120		%REC	1	1/21/2020 6:06:00 PM
Surr: Dibromofluoromethane	98.4	74.2-122		%REC	1	1/21/2020 6:06:00 PM
Surr: Toluene-d8	92.9	76.2-135		%REC	1	1/21/2020 6:06:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-008
Client Sample ID: MW57D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	27.6	0.100		µg/L	1	1/20/2020 12:04:08 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
1-Methylnaphthalene	6.04	1.20		µg/L	1	1/24/2020 7:32:00 PM
2,3,4,6-Tetrachlorophenol	169	12.0		µg/L	10	1/27/2020 2:55:00 PM
2,3,4-Trichlorophenol	13.4	1.20		µg/L	1	1/24/2020 7:32:00 PM
2,3,5,6-Tetrachlorophenol	73.2	12.0		µg/L	10	1/27/2020 2:55:00 PM
2,3,5-Trichlorophenol	9.63	1.20		µg/L	1	1/24/2020 7:32:00 PM
2,3,6-Trichlorophenol	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
2,4,5-Trichlorophenol	9.54	1.20		µg/L	1	1/24/2020 7:32:00 PM
2,4,6-Trichlorophenol	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
2-Methylnaphthalene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
3,4,5-Trichlorophenol	9.87	1.20		µg/L	1	1/24/2020 7:32:00 PM
Acenaphthene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Acenaphthylene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Anthracene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Benz(a)anthracene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Benzo(a)pyrene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Benzo(b)fluoranthene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Benzo(g,h,i)perylene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Benzo(k)fluoranthene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Carbazole	8.80	1.20		µg/L	1	1/24/2020 7:32:00 PM
Chrysene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Dibenz(a,h)anthracene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Dibenzofuran	3.53	1.20		µg/L	1	1/24/2020 7:32:00 PM
Fluoranthene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Fluorene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Indeno(1,2,3-cd)pyrene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Naphthalene	147	12.0		µg/L	10	1/27/2020 2:55:00 PM
Pentachlorophenol	3540	180		µg/L	100	1/27/2020 11:53:00 AM
Phenanthrene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Pyrene	ND	1.20		µg/L	1	1/24/2020 7:32:00 PM
Surr: 2,4,6-Tribromophenol	122	33.1-130		%REC	1	1/24/2020 7:32:00 PM
Surr: 2-Fluorobiphenyl	117	33.1-130		%REC	1	1/24/2020 7:32:00 PM
Surr: 2-Fluorophenol	55.7	13.4-130		%REC	1	1/24/2020 7:32:00 PM
Surr: 4-Terphenyl-d14	85.9	41-130		%REC	1	1/24/2020 7:32:00 PM
Surr: Nitrobenzene-d5	91.4	28.9-130		%REC	1	1/24/2020 7:32:00 PM
Surr: Phenol-d6	35.3	10.6-130		%REC	1	1/24/2020 7:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-008
Client Sample ID: MW57D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2,4-Trimethylbenzene	1.37	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 3:51:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 3:51:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 3:51:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 3:51:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 3:51:00 PM
Benzene	17.0	0.300		µg/L	1	1/21/2020 3:51:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 3:51:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-008
Client Sample ID: MW57D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Chloroethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
cis-1,2-Dichloroethene	11.5	1.00		µg/L	1	1/21/2020 3:51:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Isopropylbenzene	7.04	1.00		µg/L	1	1/21/2020 3:51:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 3:51:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 3:51:00 PM
Naphthalene	254	10.0		µg/L	10	1/21/2020 12:27:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
n-Propylbenzene	1.03	1.00		µg/L	1	1/21/2020 3:51:00 PM
o-Xylene	17.5	1.00		µg/L	1	1/21/2020 3:51:00 PM
sec-Butylbenzene	3.79	1.00		µg/L	1	1/21/2020 3:51:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Tetrachloroethene	50.8	1.00		µg/L	1	1/21/2020 3:51:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
trans-1,2-Dichloroethene	1.29	1.00		µg/L	1	1/21/2020 3:51:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Trichloroethene	8.54	1.00		µg/L	1	1/21/2020 3:51:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 3:51:00 PM
Vinyl chloride	1.96	1.00		µg/L	1	1/21/2020 3:51:00 PM
Surr: 1,2-Dichloroethane-d4	91.0	75.3-126		%REC	1	1/21/2020 3:51:00 PM
Surr: 4-Bromofluorobenzene	111	78.1-120		%REC	1	1/21/2020 3:51:00 PM
Surr: Dibromofluoromethane	100	74.2-122		%REC	1	1/21/2020 3:51:00 PM
Surr: Toluene-d8	96.5	76.2-135		%REC	1	1/21/2020 3:51:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-009
Client Sample ID: MW57D011520-DUP
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	27.6	0.100		µg/L	1	1/20/2020 12:07:33 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
1-Methylnaphthalene	6.06	1.14		µg/L	1	1/24/2020 8:02:00 PM
2,3,4,6-Tetrachlorophenol	226	11.4		µg/L	10	1/27/2020 3:26:00 PM
2,3,4-Trichlorophenol	10.8	1.14		µg/L	1	1/24/2020 8:02:00 PM
2,3,5,6-Tetrachlorophenol	94.9	11.4		µg/L	10	1/27/2020 3:26:00 PM
2,3,5-Trichlorophenol	8.34	1.14		µg/L	1	1/24/2020 8:02:00 PM
2,3,6-Trichlorophenol	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
2,4,5-Trichlorophenol	7.89	1.14		µg/L	1	1/24/2020 8:02:00 PM
2,4,6-Trichlorophenol	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
2-Methylnaphthalene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
3,4,5-Trichlorophenol	8.15	1.14		µg/L	1	1/24/2020 8:02:00 PM
Acenaphthene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Acenaphthylene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Anthracene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Benz(a)anthracene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Benzo(a)pyrene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Benzo(b)fluoranthene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Benzo(g,h,i)perylene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Benzo(k)fluoranthene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Carbazole	9.20	1.14		µg/L	1	1/24/2020 8:02:00 PM
Chrysene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Dibenz(a,h)anthracene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Dibenzofuran	3.46	1.14		µg/L	1	1/24/2020 8:02:00 PM
Fluoranthene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Fluorene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Indeno(1,2,3-cd)pyrene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Naphthalene	156	11.4		µg/L	10	1/27/2020 3:26:00 PM
Pentachlorophenol	3630	171		µg/L	100	1/27/2020 12:23:00 PM
Phenanthrene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Pyrene	ND	1.14		µg/L	1	1/24/2020 8:02:00 PM
Surr: 2,4,6-Tribromophenol	111	33.1-130		%REC	1	1/24/2020 8:02:00 PM
Surr: 2-Fluorobiphenyl	119	33.1-130		%REC	1	1/24/2020 8:02:00 PM
Surr: 2-Fluorophenol	53.0	13.4-130		%REC	1	1/24/2020 8:02:00 PM
Surr: 4-Terphenyl-d14	98.2	41-130		%REC	1	1/24/2020 8:02:00 PM
Surr: Nitrobenzene-d5	92.5	28.9-130		%REC	1	1/24/2020 8:02:00 PM
Surr: Phenol-d6	34.5	10.6-130		%REC	1	1/24/2020 8:02:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-009
Client Sample ID: MW57D011520-DUP
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2,4-Trimethylbenzene	1.43	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 4:11:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 4:11:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 4:11:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 4:11:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 4:11:00 PM
Benzene	17.7	0.300		µg/L	1	1/21/2020 4:11:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 4:11:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 1:41:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-009
Client Sample ID: MW57D011520-DUP
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Chloroethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
cis-1,2-Dichloroethene	12.4	1.00		µg/L	1	1/21/2020 4:11:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Isopropylbenzene	7.21	1.00		µg/L	1	1/21/2020 4:11:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 4:11:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 4:11:00 PM
Naphthalene	225	10.0		µg/L	10	1/21/2020 12:49:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
n-Propylbenzene	1.13	1.00		µg/L	1	1/21/2020 4:11:00 PM
o-Xylene	18.0	1.00		µg/L	1	1/21/2020 4:11:00 PM
sec-Butylbenzene	3.92	1.00		µg/L	1	1/21/2020 4:11:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Tetrachloroethene	51.7	1.00		µg/L	1	1/21/2020 4:11:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
trans-1,2-Dichloroethene	1.36	1.00		µg/L	1	1/21/2020 4:11:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Trichloroethene	8.64	1.00		µg/L	1	1/21/2020 4:11:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 4:11:00 PM
Vinyl chloride	2.44	1.00		µg/L	1	1/21/2020 4:11:00 PM
Surr: 1,2-Dichloroethane-d4	92.2	75.3-126		%REC	1	1/21/2020 4:11:00 PM
Surr: 4-Bromofluorobenzene	112	78.1-120		%REC	1	1/21/2020 4:11:00 PM
Surr: Dibromofluoromethane	99.0	74.2-122		%REC	1	1/21/2020 4:11:00 PM
Surr: Toluene-d8	108	76.2-135		%REC	1	1/21/2020 4:11:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 2:52:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-010
Client Sample ID: MW56011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	44.8	1.45		µg/L	1	1/27/2020 12:54:00 PM
Surr: 2,4,6-Tribromophenol	95.0	33.1-130		%REC	1	1/27/2020 12:54:00 PM
Surr: 2-Fluorobiphenyl	82.2	33.1-130		%REC	1	1/27/2020 12:54:00 PM
Surr: 2-Fluorophenol	46.6	13.4-130		%REC	1	1/27/2020 12:54:00 PM
Surr: 4-Terphenyl-d14	67.0	41-130		%REC	1	1/27/2020 12:54:00 PM
Surr: Nitrobenzene-d5	91.5	28.9-130		%REC	1	1/27/2020 12:54:00 PM
Surr: Phenol-d6	27.3	10.6-130		%REC	1	1/27/2020 12:54:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 1:32:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 1:32:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 1:32:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 1:32:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 1:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 2:52:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-010
Client Sample ID: MW56011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Benzene	ND	0.300		µg/L	1	1/21/2020 1:32:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 1:32:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 1:32:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 1:32:00 PM
Naphthalene	2.56	1.00		µg/L	1	1/21/2020 1:32:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 1:32:00 PM
Surr: 1,2-Dichloroethane-d4	92.6	75.3-126		%REC	1	1/21/2020 1:32:00 PM
Surr: 4-Bromofluorobenzene	106	78.1-120		%REC	1	1/21/2020 1:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/15/2020 2:52:00 PM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-010		
Client Sample ID:	MW56011520	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Surr: Dibromofluoromethane	99.5	74.2-122		%REC	1	1/21/2020 1:32:00 PM
Surr: Toluene-d8	102	76.2-135		%REC	1	1/21/2020 1:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 3:32:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-011
Client Sample ID: MW58D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	11.3	0.100		µg/L	1	1/20/2020 12:10:58 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	2.17	1.51		µg/L	1	1/24/2020 9:03:00 PM
Surr: 2,4,6-Tribromophenol	117	33.1-130		%REC	1	1/24/2020 9:03:00 PM
Surr: 2-Fluorobiphenyl	108	33.1-130		%REC	1	1/24/2020 9:03:00 PM
Surr: 2-Fluorophenol	49.9	13.4-130		%REC	1	1/24/2020 9:03:00 PM
Surr: 4-Terphenyl-d14	86.1	41-130		%REC	1	1/24/2020 9:03:00 PM
Surr: Nitrobenzene-d5	92.8	28.9-130		%REC	1	1/24/2020 9:03:00 PM
Surr: Phenol-d6	32.3	10.6-130		%REC	1	1/24/2020 9:03:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 1:53:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 1:53:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 3:32:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-011
Client Sample ID: MW58D011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 1:53:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 1:53:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 1:53:00 PM
Benzene	8.64	0.300		µg/L	1	1/21/2020 1:53:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 1:53:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 1:53:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 1:53:00 PM
Naphthalene	1.02	1.00		µg/L	1	1/21/2020 1:53:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/15/2020 3:32:00 PM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-011		
Client Sample ID:	MW58D011520	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 1:53:00 PM
Surr: 1,2-Dichloroethane-d4	91.1	75.3-126		%REC	1	1/21/2020 1:53:00 PM
Surr: 4-Bromofluorobenzene	110	78.1-120		%REC	1	1/21/2020 1:53:00 PM
Surr: Dibromofluoromethane	99.4	74.2-122		%REC	1	1/21/2020 1:53:00 PM
Surr: Toluene-d8	97.4	76.2-135		%REC	1	1/21/2020 1:53:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 4:21:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-012
Client Sample ID: MW61011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	ND	1.42		µg/L	1	1/24/2020 9:34:00 PM
Surr: 2,4,6-Tribromophenol	98.9	33.1-99.7		%REC	1	1/24/2020 9:34:00 PM
Surr: 2-Fluorobiphenyl	96.1	33.1-96.2		%REC	1	1/24/2020 9:34:00 PM
Surr: 2-Fluorophenol	42.9	13.4-57.1		%REC	1	1/24/2020 9:34:00 PM
Surr: 4-Terphenyl-d14	80.8	41-122		%REC	1	1/24/2020 9:34:00 PM
Surr: Nitrobenzene-d5	89.0	28.9-99.9		%REC	1	1/24/2020 9:34:00 PM
Surr: Phenol-d6	26.2	10.6-38.5		%REC	1	1/24/2020 9:34:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 2:15:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 2:15:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 2:15:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 2:15:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 2:15:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/15/2020 4:21:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-012
Client Sample ID: MW61011520
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Benzene	ND	0.300		µg/L	1	1/21/2020 2:15:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 2:15:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 2:15:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 2:15:00 PM
Naphthalene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 2:15:00 PM
Surr: 1,2-Dichloroethane-d4	92.7	75.3-126		%REC	1	1/21/2020 2:15:00 PM
Surr: 4-Bromofluorobenzene	108	78.1-120		%REC	1	1/21/2020 2:15:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/15/2020 4:21:00 PM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-012		
Client Sample ID:	MW61011520	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/21/2020 2:15:00 PM
Surr: Toluene-d8	102	76.2-135		%REC	1	1/21/2020 2:15:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 8:46:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-013
Client Sample ID: USDFW1011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	1.69	0.100		µg/L	1	1/20/2020 12:14:23 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	ND	1.61		µg/L	1	1/24/2020 10:04:00 PM
Surr: 2,4,6-Tribromophenol	108	33.1-130		%REC	1	1/24/2020 10:04:00 PM
Surr: 2-Fluorobiphenyl	98.3	33.1-130		%REC	1	1/24/2020 10:04:00 PM
Surr: 2-Fluorophenol	47.3	13.4-130		%REC	1	1/24/2020 10:04:00 PM
Surr: 4-Terphenyl-d14	83.3	41-130		%REC	1	1/24/2020 10:04:00 PM
Surr: Nitrobenzene-d5	88.6	28.9-130		%REC	1	1/24/2020 10:04:00 PM
Surr: Phenol-d6	31.4	10.6-130		%REC	1	1/24/2020 10:04:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 2:37:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 2:37:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 8:46:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-013
Client Sample ID: USDFW1011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 2:37:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 2:37:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 2:37:00 PM
Benzene	ND	0.300		µg/L	1	1/21/2020 2:37:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 2:37:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 2:37:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 2:37:00 PM
Naphthalene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/16/2020 8:46:00 AM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-013		
Client Sample ID:	USDFW1011620	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 2:37:00 PM
Surr: 1,2-Dichloroethane-d4	93.0	75.3-126		%REC	1	1/21/2020 2:37:00 PM
Surr: 4-Bromofluorobenzene	108	78.1-120		%REC	1	1/21/2020 2:37:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/21/2020 2:37:00 PM
Surr: Toluene-d8	101	76.2-135		%REC	1	1/21/2020 2:37:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 10:41:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-014
Client Sample ID: MW55011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	176	17.0		µg/L	10	1/24/2020 10:35:00 PM
Surr: 2,4,6-Tribromophenol	81.5	33.1-99.7		%REC	10	1/24/2020 10:35:00 PM
Surr: 2-Fluorobiphenyl	62.7	33.1-96.2		%REC	10	1/24/2020 10:35:00 PM
Surr: 2-Fluorophenol	37.4	13.4-57.1		%REC	10	1/24/2020 10:35:00 PM
Surr: 4-Terphenyl-d14	116	41-122		%REC	10	1/24/2020 10:35:00 PM
Surr: Nitrobenzene-d5	87.2	28.9-99.9		%REC	10	1/24/2020 10:35:00 PM
Surr: Phenol-d6	26.1	10.6-38.5		%REC	10	1/24/2020 10:35:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 2:58:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 2:58:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 2:58:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 2:58:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 2:58:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 10:41:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-014
Client Sample ID: MW55011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Benzene	ND	0.300		µg/L	1	1/21/2020 2:58:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 2:58:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 2:58:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 2:58:00 PM
Naphthalene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 2:58:00 PM
Surr: 1,2-Dichloroethane-d4	92.1	75.3-126		%REC	1	1/21/2020 2:58:00 PM
Surr: 4-Bromofluorobenzene	107	78.1-120		%REC	1	1/21/2020 2:58:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/16/2020 10:41:00 AM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-014		
Client Sample ID:	MW55011620	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Surr: Dibromofluoromethane	101	74.2-122		%REC	1	1/21/2020 2:58:00 PM
Surr: Toluene-d8	100	76.2-135		%REC	1	1/21/2020 2:58:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 10:41:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-015
Client Sample ID: MW55D011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	14.0	0.100		µg/L	1	1/20/2020 12:32:08 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	193	15.9		µg/L	10	1/24/2020 11:05:00 PM
Surr: 2,4,6-Tribromophenol	103	33.1-130		%REC	10	1/24/2020 11:05:00 PM
Surr: 2-Fluorobiphenyl	60.6	33.1-130		%REC	10	1/24/2020 11:05:00 PM
Surr: 2-Fluorophenol	42.9	13.4-130		%REC	10	1/24/2020 11:05:00 PM
Surr: 4-Terphenyl-d14	116	41-130		%REC	10	1/24/2020 11:05:00 PM
Surr: Nitrobenzene-d5	84.9	28.9-130		%REC	10	1/24/2020 11:05:00 PM
Surr: Phenol-d6	32.1	10.6-130		%REC	10	1/24/2020 11:05:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2,4-Trimethylbenzene	2.93	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 12:01:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 12:01:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 10:41:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-015
Client Sample ID: MW55D011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 12:01:00 AM
Acetone	ND	20.0		µg/L	1	1/21/2020 12:01:00 AM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 12:01:00 AM
Benzene	6.64	0.300		µg/L	1	1/21/2020 12:01:00 AM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Bromoform	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 12:01:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Chloroform	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
cis-1,2-Dichloroethene	3.22	1.00		µg/L	1	1/21/2020 12:01:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Isopropylbenzene	1.66	1.00		µg/L	1	1/21/2020 12:01:00 AM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 12:01:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 12:01:00 AM
Naphthalene	14.7	1.00		µg/L	1	1/21/2020 12:01:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
o-Xylene	1.60	1.00		µg/L	1	1/21/2020 12:01:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Styrene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Tetrachloroethene	1.83	1.00		µg/L	1	1/21/2020 12:01:00 AM
Toluene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM
Trichloroethene	1.17	1.00		µg/L	1	1/21/2020 12:01:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 12:01:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 10:41:00 AM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-015
Client Sample ID: MW55D011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Vinyl chloride	5.59	1.00		µg/L	1	1/21/2020 12:01:00 AM
Surr: 1,2-Dichloroethane-d4	92.8	75.3-126		%REC	1	1/21/2020 12:01:00 AM
Surr: 4-Bromofluorobenzene	109	78.1-120		%REC	1	1/21/2020 12:01:00 AM
Surr: Dibromofluoromethane	101	74.2-122		%REC	1	1/21/2020 12:01:00 AM
Surr: Toluene-d8	100	76.2-135		%REC	1	1/21/2020 12:01:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 12:10:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-016
Client Sample ID: MW55S011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	16.7	0.100		µg/L	1	1/20/2020 12:35:33 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
1-Methylnaphthalene	477	9.55		µg/L	10	1/27/2020 1:24:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,3,4-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,3,5-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,3,6-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,4,5-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2,4,6-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
2-Methylnaphthalene	92.0	9.55		µg/L	10	1/27/2020 1:24:00 PM
3,4,5-Trichlorophenol	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Acenaphthene	312	9.55		µg/L	10	1/27/2020 1:24:00 PM
Acenaphthylene	1.29	0.955		µg/L	1	1/24/2020 11:36:00 PM
Anthracene	8.64	0.955		µg/L	1	1/24/2020 11:36:00 PM
Benz(a)anthracene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Benzo(a)pyrene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Benzo(b)fluoranthene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Benzo(g,h,i)perylene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Benzo(k)fluoranthene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Carbazole	74.9	0.955		µg/L	1	1/24/2020 11:36:00 PM
Chrysene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Dibenz(a,h)anthracene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Dibenzofuran	116	9.55		µg/L	10	1/27/2020 1:24:00 PM
Fluoranthene	2.07	0.955		µg/L	1	1/24/2020 11:36:00 PM
Fluorene	102	9.55		µg/L	10	1/27/2020 1:24:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.955		µg/L	1	1/24/2020 11:36:00 PM
Naphthalene	250	9.55		µg/L	10	1/27/2020 1:24:00 PM
Pentachlorophenol	ND	1.43		µg/L	1	1/24/2020 11:36:00 PM
Phenanthrene	49.2	0.955		µg/L	1	1/24/2020 11:36:00 PM
Pyrene	1.16	0.955		µg/L	1	1/24/2020 11:36:00 PM
Surr: 2,4,6-Tribromophenol	110	33.1-130		%REC	1	1/24/2020 11:36:00 PM
Surr: 2-Fluorobiphenyl	109	33.1-130		%REC	1	1/24/2020 11:36:00 PM
Surr: 2-Fluorophenol	39.7	13.4-130		%REC	1	1/24/2020 11:36:00 PM
Surr: 4-Terphenyl-d14	96.2	41-130		%REC	1	1/24/2020 11:36:00 PM
Surr: Nitrobenzene-d5	82.0	28.9-130		%REC	1	1/24/2020 11:36:00 PM
Surr: Phenol-d6	23.3	10.6-130		%REC	1	1/24/2020 11:36:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 12:10:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-016
Client Sample ID: MW55S011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2,4-Trimethylbenzene	1.97	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 4:32:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 4:32:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
4-Isopropyltoluene	1.40	1.00		µg/L	1	1/21/2020 4:32:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 4:32:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 4:32:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 4:32:00 PM
Benzene	ND	0.300		µg/L	1	1/21/2020 4:32:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 4:32:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 12:10:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-016
Client Sample ID: MW55S011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Chloroethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Ethylbenzene	14.8	1.00		µg/L	1	1/21/2020 4:32:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Isopropylbenzene	16.7	1.00		µg/L	1	1/21/2020 4:32:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 4:32:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 4:32:00 PM
Naphthalene	414	10.0		µg/L	10	1/21/2020 1:10:00 PM
n-Butylbenzene	5.97	1.00		µg/L	1	1/21/2020 4:32:00 PM
n-Propylbenzene	9.62	1.00		µg/L	1	1/21/2020 4:32:00 PM
o-Xylene	2.46	1.00		µg/L	1	1/21/2020 4:32:00 PM
sec-Butylbenzene	7.53	1.00		µg/L	1	1/21/2020 4:32:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
tert-Butylbenzene	2.84	1.00		µg/L	1	1/21/2020 4:32:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 4:32:00 PM
Surr: 1,2-Dichloroethane-d4	92.2	75.3-126		%REC	1	1/21/2020 4:32:00 PM
Surr: 4-Bromofluorobenzene	110	78.1-120		%REC	1	1/21/2020 4:32:00 PM
Surr: Dibromofluoromethane	100	74.2-122		%REC	1	1/21/2020 4:32:00 PM
Surr: Toluene-d8	93.8	76.2-135		%REC	1	1/21/2020 4:32:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 12:58:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-017
Client Sample ID: MW62011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	131	15.4		µg/L	10	1/27/2020 1:54:00 PM
Surr: 2,4,6-Tribromophenol	71.0	33.1-130		%REC	10	1/27/2020 1:54:00 PM
Surr: 2-Fluorobiphenyl	58.4	33.1-130		%REC	10	1/27/2020 1:54:00 PM
Surr: 2-Fluorophenol	28.4	13.4-130		%REC	10	1/27/2020 1:54:00 PM
Surr: 4-Terphenyl-d14	110	41-130		%REC	10	1/27/2020 1:54:00 PM
Surr: Nitrobenzene-d5	81.2	28.9-130		%REC	10	1/27/2020 1:54:00 PM
Surr: Phenol-d6	27.9	10.6-130		%REC	10	1/27/2020 1:54:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 3:20:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 3:20:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 3:20:00 PM
Acetone	ND	20.0		µg/L	1	1/21/2020 3:20:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 3:20:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 12:58:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-017
Client Sample ID: MW62011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Benzene	ND	0.300		µg/L	1	1/21/2020 3:20:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Bromoform	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 3:20:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Chloroethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Chloroform	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 3:20:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 3:20:00 PM
Naphthalene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Styrene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Toluene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 3:20:00 PM
Surr: 1,2-Dichloroethane-d4	92.4	75.3-126		%REC	1	1/21/2020 3:20:00 PM
Surr: 4-Bromofluorobenzene	107	78.1-120		%REC	1	1/21/2020 3:20:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/16/2020 12:58:00 PM
Project:	Port of Ridgefield / 9003.01.28		
Lab ID:	2001129-017		
Client Sample ID:	MW62011620	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Surr: Dibromofluoromethane	103	74.2-122		%REC	1	1/21/2020 3:20:00 PM
Surr: Toluene-d8	100	76.2-135		%REC	1	1/21/2020 3:20:00 PM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 2:16:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-018
Client Sample ID: RMW2D011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	ND	1.70		µg/L	1	1/25/2020 12:37:00 AM
Surr: 2,4,6-Tribromophenol	103	33.1-130		%REC	1	1/25/2020 12:37:00 AM
Surr: 2-Fluorobiphenyl	101	33.1-130		%REC	1	1/25/2020 12:37:00 AM
Surr: 2-Fluorophenol	51.7	13.4-130		%REC	1	1/25/2020 12:37:00 AM
Surr: 4-Terphenyl-d14	81.4	41-130		%REC	1	1/25/2020 12:37:00 AM
Surr: Nitrobenzene-d5	94.3	28.9-130		%REC	1	1/25/2020 12:37:00 AM
Surr: Phenol-d6	31.0	10.6-130		%REC	1	1/25/2020 12:37:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 3:14:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-019
Client Sample ID: RMW2S011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
Pentachlorophenol	ND	1.68		µg/L	1	1/25/2020 1:07:00 AM
Surr: 2,4,6-Tribromophenol	102	33.1-130		%REC	1	1/25/2020 1:07:00 AM
Surr: 2-Fluorobiphenyl	95.1	33.1-130		%REC	1	1/25/2020 1:07:00 AM
Surr: 2-Fluorophenol	51.8	13.4-130		%REC	1	1/25/2020 1:07:00 AM
Surr: 4-Terphenyl-d14	80.4	41-130		%REC	1	1/25/2020 1:07:00 AM
Surr: Nitrobenzene-d5	92.7	28.9-130		%REC	1	1/25/2020 1:07:00 AM
Surr: Phenol-d6	31.9	10.6-130		%REC	1	1/25/2020 1:07:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 5:05:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-020
Client Sample ID: MW63011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW 6020B**				Analyst: **BW**
Arsenic	0.117	0.100		µg/L	1	1/20/2020 12:38:58 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270E**				Analyst: **CK**
1-Methylnaphthalene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,3,4,6-Tetrachlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,3,4-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,3,5,6-Tetrachlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,3,5-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,3,6-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,4,5-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2,4,6-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
2-Methylnaphthalene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
3,4,5-Trichlorophenol	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Acenaphthene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Acenaphthylene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Anthracene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Benz(a)anthracene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Benzo(a)pyrene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Benzo(b)fluoranthene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Benzo(g,h,i)perylene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Benzo(k)fluoranthene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Bis(2-ethylhexyl)phthalate	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Carbazole	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Chrysene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Dibenz(a,h)anthracene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Dibenzofuran	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Fluoranthene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Fluorene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Indeno(1,2,3-cd)pyrene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Naphthalene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Pentachlorophenol	ND	1.50		µg/L	1	1/25/2020 1:38:00 AM
Phenanthrene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Pyrene	ND	1.00		µg/L	1	1/25/2020 1:38:00 AM
Surr: 2,4,6-Tribromophenol	91.8	33.1-130		%REC	1	1/25/2020 1:38:00 AM
Surr: 2-Fluorobiphenyl	93.8	33.1-130		%REC	1	1/25/2020 1:38:00 AM
Surr: 2-Fluorophenol	43.9	13.4-130		%REC	1	1/25/2020 1:38:00 AM
Surr: 4-Terphenyl-d14	80.8	41-130		%REC	1	1/25/2020 1:38:00 AM
Surr: Nitrobenzene-d5	93.4	28.9-130		%REC	1	1/25/2020 1:38:00 AM
Surr: Phenol-d6	26.5	10.6-130		%REC	1	1/25/2020 1:38:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 5:05:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-020
Client Sample ID: MW63011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
2-Butanone	ND	10.0		µg/L	1	1/21/2020 1:06:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
2-Hexanone	ND	10.0		µg/L	1	1/21/2020 1:06:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/21/2020 1:06:00 AM
Acetone	ND	20.0		µg/L	1	1/21/2020 1:06:00 AM
Acrylonitrile	ND	5.00		µg/L	1	1/21/2020 1:06:00 AM
Benzene	ND	0.300		µg/L	1	1/21/2020 1:06:00 AM
Bromobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Bromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Bromoform	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Bromomethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Carbon disulfide	ND	2.00		µg/L	1	1/21/2020 1:06:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Chlorobenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM

Specialty Analytical

Date Reported: 05-Feb-20

CLIENT: Maul Foster & Alongi
Collection Date: 1/16/2020 5:05:00 PM
Project: Port of Ridgefield / 9003.01.28
Lab ID: 2001129-020
Client Sample ID: MW63011620
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260D**				Analyst: **CK**
Chloroethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Chloroform	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Chloromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Dibromomethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Ethylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
m,p-Xylene	ND	2.00		µg/L	1	1/21/2020 1:06:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Methylene chloride	ND	50.0		µg/L	1	1/21/2020 1:06:00 AM
Naphthalene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
o-Xylene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Styrene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Toluene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Trichloroethene	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Vinyl chloride	ND	1.00		µg/L	1	1/21/2020 1:06:00 AM
Surr: 1,2-Dichloroethane-d4	93.9	75.3-126		%REC	1	1/21/2020 1:06:00 AM
Surr: 4-Bromofluorobenzene	106	78.1-120		%REC	1	1/21/2020 1:06:00 AM
Surr: Dibromofluoromethane	101	74.2-122		%REC	1	1/21/2020 1:06:00 AM
Surr: Toluene-d8	105	76.2-135		%REC	1	1/21/2020 1:06:00 AM

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID	**ICV**	SampType:	**ICV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**33789**
Client ID:	**ICV**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441763**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.3	0.100	50.00	0	98.5	90	110				

Sample ID	**MB-15265**	SampType:	**MBLK**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/20/2020**	RunNo:	**33789**
Client ID:	**PBW**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441771**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Sample ID	**2001129-004ADUP**	SampType:	**DUP**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/20/2020**	RunNo:	**33789**
Client ID:	**MW46S011520**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	19.0	0.100						19.02	0.263	20	

Sample ID	**2001129-004AMS**	SampType:	**MS**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/20/2020**	RunNo:	**33789**
Client ID:	**MW46S011520**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	72.3	0.100	50.00	19.02	107	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID	**2001129-004AMSD**	SampType:	**MSD**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/20/2020**	RunNo:	**33789**
Client ID:	**MW46S011520**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441775**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	72.7	0.100	50.00	19.02	107	70	130	72.34	0.537	20	

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**33789**
Client ID:	**CCV**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.3	0.100	50.00	0	98.6	90	110				

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**33789**
Client ID:	**CCV**	Batch ID:	**15265**	TestNo:	**SW 6020B**			Analysis Date:	**1/20/2020**	SeqNo:	**441785**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.3	0.100	50.00	0	98.6	90	110				

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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **80 PPB ICAL** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **CCV** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	80.4	1.00	80.00	0	100	80	120				
1,1,1-Trichloroethane	76.3	1.00	80.00	0	95.4	80	120				
1,1,2,2-Tetrachloroethane	72.7	1.00	80.00	0	90.9	80	120				
1,1,2-Trichloroethane	78.5	1.00	80.00	0	98.1	80	120				
1,1-Dichloroethane	76.5	1.00	80.00	0	95.6	80	120				
1,1-Dichloroethene	72.6	1.00	80.00	0	90.7	80	120				
1,1-Dichloropropene	77.0	1.00	80.00	0	96.3	80	120				
1,2,3-Trichlorobenzene	75.2	1.00	80.00	0	94.0	80	120				
1,2,3-Trichloropropane	71.4	1.00	80.00	0	89.2	80	120				
1,2,4-Trichlorobenzene	76.6	1.00	80.00	0	95.8	80	120				
1,2,4-Trimethylbenzene	74.8	1.00	80.00	0	93.5	80	120				
1,2-Dibromo-3-chloropropane	83.2	1.00	80.00	0	104	80	120				
1,2-Dibromoethane	83.6	1.00	80.00	0	105	80	120				
1,2-Dichlorobenzene	71.3	1.00	80.00	0	89.2	80	120				
1,2-Dichloroethane	73.6	1.00	80.00	0	92.1	80	120				
1,2-Dichloropropane	77.9	1.00	80.00	0	97.3	80	120				
1,3,5-Trimethylbenzene	74.5	1.00	80.00	0	93.1	80	120				
1,3-Dichlorobenzene	75.2	1.00	80.00	0	94.0	80	120				
1,3-Dichloropropane	83.1	1.00	80.00	0	104	80	120				
1,4-Dichlorobenzene	73.2	1.00	80.00	0	91.5	80	120				
2,2-Dichloropropane	77.4	1.00	80.00	0	96.7	80	120				
2-Butanone	159	10.0	160.0	0	99.3	80	120				
2-Chlorotoluene	72.8	1.00	80.00	0	91.0	80	120				
2-Hexanone	172	10.0	160.0	0	107	80	120				
4-Chlorotoluene	74.5	1.00	80.00	0	93.1	80	120				
4-Isopropyltoluene	75.5	1.00	80.00	0	94.4	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **80 PPB ICAL** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **CCV** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	165	10.0	160.0	0	103	80	120				
Acetone	152	20.0	160.0	0	94.8	80	120				
Acrylonitrile	85.1	5.00	80.00	0	106	80	120				
Benzene	75.1	0.300	80.00	0	93.8	80	120				
Bromobenzene	71.6	1.00	80.00	0	89.4	80	120				
Bromochloromethane	74.9	1.00	80.00	0	93.6	80	120				
Bromodichloromethane	84.0	1.00	80.00	0	105	80	120				
Bromoform	78.8	1.00	80.00	0	98.5	80	120				
Bromomethane	77.5	1.00	80.00	0	96.9	80	120				
Carbon disulfide	74.0	2.00	80.00	0	92.5	80	120				
Carbon tetrachloride	89.5	1.00	80.00	0	112	80	120				
Chlorobenzene	74.8	1.00	80.00	0	93.6	80	120				
Chloroethane	78.8	1.00	80.00	0	98.5	80	120				
Chloroform	76.3	1.00	80.00	0	95.4	80	120				
Chloromethane	74.8	1.00	80.00	0	93.5	80	120				
cis-1,2-Dichloroethene	77.3	1.00	80.00	0	96.6	80	120				
cis-1,3-Dichloropropene	90.5	1.00	80.00	0	113	80	120				
Dibromochloromethane	82.9	1.00	80.00	0	104	80	120				
Dibromomethane	78.6	1.00	80.00	0	98.2	80	120				
Dichlorodifluoromethane	73.4	1.00	80.00	0	91.8	80	120				
Ethylbenzene	81.2	1.00	80.00	0	101	80	120				
Hexachlorobutadiene	71.9	1.00	80.00	0	89.8	80	120				
Isopropylbenzene	80.9	1.00	80.00	0	101	80	120				
m,p-Xylene	155	2.00	160.0	0	97.0	80	120				
Methyl tert-butyl ether	77.0	1.00	80.00	0	96.2	80	120				
Methylene chloride	79.4	50.0	80.00	0	99.3	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **80 PPB ICAL** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **CCV** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	77.6	1.00	80.00	0	97.0	80	120				
n-Butylbenzene	77.3	1.00	80.00	0	96.6	80	120				
n-Propylbenzene	73.4	1.00	80.00	0	91.8	80	120				
o-Xylene	85.6	1.00	80.00	0	107	80	120				
sec-Butylbenzene	74.1	1.00	80.00	0	92.6	80	120				
Styrene	85.2	1.00	80.00	0	106	80	120				
tert-Butylbenzene	77.7	1.00	80.00	0	97.1	80	120				
Tetrachloroethene	82.0	1.00	80.00	0	103	80	120				
Toluene	76.0	1.00	80.00	0	94.9	80	120				
trans-1,2-Dichloroethene	77.8	1.00	80.00	0	97.2	80	120				
trans-1,3-Dichloropropene	88.0	1.00	80.00	0	110	80	120				
Trichloroethene	72.1	1.00	80.00	0	90.1	80	120				
Trichlorofluoromethane	83.9	1.00	80.00	0	105	80	120				
Vinyl chloride	76.7	1.00	80.00	0	95.9	80	120				

Sample ID **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **LCSW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.1	1.00	40.00	0	103	80	120				
1,1,1-Trichloroethane	40.1	1.00	40.00	0	100	80	120				
1,1,2,2-Tetrachloroethane	38.3	1.00	40.00	0	95.8	80	120				
1,1,2-Trichloroethane	39.7	1.00	40.00	0	99.2	80	120				
1,1-Dichloroethane	38.6	1.00	40.00	0	96.6	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **LCSW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.4	1.00	40.00	0	98.6	61.2	135				
1,1-Dichloropropene	39.1	1.00	40.00	0	97.8	80	120				
1,2,3-Trichlorobenzene	38.7	1.00	40.00	0	96.7	80	120				
1,2,3-Trichloropropane	37.8	1.00	40.00	0	94.4	80	120				
1,2,4-Trichlorobenzene	39.5	1.00	40.00	0	98.8	80	120				
1,2,4-Trimethylbenzene	40.1	1.00	40.00	0	100	80	120				
1,2-Dibromo-3-chloropropane	41.8	1.00	40.00	0	105	80	120				
1,2-Dibromoethane	41.8	1.00	40.00	0	104	80	120				
1,2-Dichlorobenzene	38.5	1.00	40.00	0	96.2	80	120				
1,2-Dichloroethane	37.6	1.00	40.00	0	94.1	80	120				
1,2-Dichloropropane	39.2	1.00	40.00	0	97.9	80	120				
1,3,5-Trimethylbenzene	39.6	1.00	40.00	0	99.0	80	120				
1,3-Dichlorobenzene	40.4	1.00	40.00	0	101	80	120				
1,3-Dichloropropane	41.6	1.00	40.00	0	104	80	120				
1,4-Dichlorobenzene	40.0	1.00	40.00	0	99.9	80	120				
2,2-Dichloropropane	38.7	1.00	40.00	0	96.8	80	120				
2-Butanone	76.9	10.0	80.00	0	96.1	80	120				
2-Chlorotoluene	38.4	1.00	40.00	0	95.9	80	120				
2-Hexanone	84.3	10.0	80.00	0	105	80	120				
4-Chlorotoluene	39.0	1.00	40.00	0	97.5	80	120				
4-Isopropyltoluene	40.2	1.00	40.00	0	101	80	120				
4-Methyl-2-pentanone	83.6	10.0	80.00	0	104	80	120				
Acetone	76.3	20.0	80.00	0	95.4	80	120				
Acrylonitrile	36.2	5.00	40.00	0	90.6	80	120				
Benzene	38.8	0.300	40.00	0	97.1	76.8	125				
Bromobenzene	38.7	1.00	40.00	0	96.7	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **LCSW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	41.1	1.00	40.00	0	103	80	120				
Bromodichloromethane	42.9	1.00	40.00	0	107	80	120				
Bromoform	39.9	1.00	40.00	0	99.8	80	120				
Bromomethane	43.2	1.00	40.00	0	108	80	120				
Carbon disulfide	39.8	2.00	40.00	0	99.5	80	120				
Carbon tetrachloride	45.3	1.00	40.00	0	113	80	120				
Chlorobenzene	38.1	1.00	40.00	0	95.2	84.1	116				
Chloroethane	38.8	1.00	40.00	0	97.1	80	120				
Chloroform	40.1	1.00	40.00	0	100	80	120				
Chloromethane	36.3	1.00	40.00	0	90.8	80	120				
cis-1,2-Dichloroethene	39.1	1.00	40.00	0	97.8	80	120				
cis-1,3-Dichloropropene	43.4	1.00	40.00	0	108	80	120				
Dibromochloromethane	42.6	1.00	40.00	0	107	80	120				
Dibromomethane	40.5	1.00	40.00	0	101	80	120				
Dichlorodifluoromethane	37.6	1.00	40.00	0	94.0	80	120				
Ethylbenzene	40.8	1.00	40.00	0	102	80	120				
Hexachlorobutadiene	38.7	1.00	40.00	0	96.8	80	120				
Isopropylbenzene	41.6	1.00	40.00	0	104	80	120				
m,p-Xylene	82.2	2.00	80.00	0	103	80	120				
Methyl tert-butyl ether	38.3	1.00	40.00	0	95.7	80	120				
Methylene chloride	ND	50.0	40.00	0	103	80	120				
Naphthalene	38.0	1.00	40.00	0	95.1	80	120				
n-Butylbenzene	40.7	1.00	40.00	0	102	80	120				
n-Propylbenzene	39.3	1.00	40.00	0	98.4	80	120				
o-Xylene	42.9	1.00	40.00	0	107	80	120				
sec-Butylbenzene	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **40 PPB ICV** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **LCSW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	42.4	1.00	40.00	0	106	80	120				
tert-Butylbenzene	41.6	1.00	40.00	0	104	80	120				
Tetrachloroethene	41.9	1.00	40.00	0	105	80	120				
Toluene	38.1	1.00	40.00	0	95.2	82	122				
trans-1,2-Dichloroethene	40.0	1.00	40.00	0	99.9	82	120				
trans-1,3-Dichloropropene	42.6	1.00	40.00	0	106	82	120				
Trichloroethene	37.8	1.00	40.00	0	94.5	68.5	124				
Trichlorofluoromethane	44.2	1.00	40.00	0	110	80	120				
Vinyl chloride	37.8	1.00	40.00	0	94.6	80	120				

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **PBW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **33810**
Client ID: **PBW**	Batch ID: **R33810**	TestNo: **SW8260D**		Analysis Date: **1/20/2020**	SeqNo: **442025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **33810**
Client ID: **PBW**	Batch ID: **R33810**	TestNo: **SW8260D**		Analysis Date: **1/20/2020**	SeqNo: **442025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **PBW** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	93.3		100.0		93.3	75.3	126				
Surr: 4-Bromofluorobenzene	101		100.0		101	78.1	120				
Surr: Dibromofluoromethane	102		100.0		102	74.2	122				
Surr: Toluene-d8	103		100.0		103	76.2	135				

Sample ID **A2001088-001FMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.1	1.00	40.00	0	97.8	70	130				
1,1,1-Trichloroethane	38.1	1.00	40.00	0	95.2	70	130				
1,1,2,2-Tetrachloroethane	46.3	1.00	40.00	0	116	70	130				
1,1,2-Trichloroethane	36.8	1.00	40.00	0	91.9	70	130				
1,1-Dichloroethane	37.2	1.00	40.00	0	93.0	70	130				
1,1-Dichloroethene	36.4	1.00	40.00	0	91.1	47.8	165				
1,1-Dichloropropene	34.2	1.00	40.00	0	85.4	70	130				
1,2,3-Trichlorobenzene	33.3	1.00	40.00	0	83.4	70	130				
1,2,3-Trichloropropane	46.5	1.00	40.00	0	116	70	130				
1,2,4-Trichlorobenzene	37.6	1.00	40.00	0	94.1	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **A2001088-001FMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	34.2	1.00	40.00	0	85.5	70	130				
1,2-Dibromo-3-chloropropane	51.6	1.00	40.00	0	129	70	130				
1,2-Dibromoethane	39.2	1.00	40.00	0	98.0	70	130				
1,2-Dichlorobenzene	39.8	1.00	40.00	0	99.6	70	130				
1,2-Dichloroethane	36.9	1.00	40.00	0	92.2	70	130				
1,2-Dichloropropane	37.3	1.00	40.00	0	93.4	70	130				
1,3,5-Trimethylbenzene	33.2	1.00	40.00	0	83.0	70	130				
1,3-Dichlorobenzene	38.7	1.00	40.00	0	96.8	70	130				
1,3-Dichloropropane	39.2	1.00	40.00	0	98.0	70	130				
1,4-Dichlorobenzene	40.2	1.00	40.00	0	101	70	130				
2,2-Dichloropropane	33.8	1.00	40.00	0	84.5	70	130				
2-Butanone	78.3	10.0	80.00	0	97.9	70	130				
2-Chlorotoluene	38.4	1.00	40.00	0	96.0	70	130				
2-Hexanone	84.0	10.0	80.00	0	105	70	130				
4-Chlorotoluene	37.2	1.00	40.00	0	93.1	70	130				
4-Isopropyltoluene	35.2	1.00	40.00	0	88.0	70	130				
4-Methyl-2-pentanone	80.6	10.0	80.00	0	101	70	130				
Acetone	106	20.0	80.00	21.20	106	70	130				
Acrylonitrile	37.5	5.00	40.00	0	93.6	70	130				
Benzene	36.8	0.300	40.00	0	92.0	74.1	136				
Bromobenzene	43.1	1.00	40.00	0	108	70	130				
Bromochloromethane	39.9	1.00	40.00	0	99.8	70	130				
Bromodichloromethane	41.6	1.00	40.00	0	104	70	130				
Bromoform	38.7	1.00	40.00	0	96.8	70	130				
Bromomethane	31.8	1.00	40.00	0	79.4	70	130				
Carbon disulfide	34.1	2.00	40.00	0	85.2	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **A2001088-001FMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	43.1	1.00	40.00	0	108	70	130				
Chlorobenzene	34.8	1.00	40.00	0	86.9	70.7	133				
Chloroethane	35.4	1.00	40.00	0	88.6	70	130				
Chloroform	39.1	1.00	40.00	0	97.7	70	130				
Chloromethane	34.6	1.00	40.00	0	86.5	70	130				
cis-1,2-Dichloroethene	32.0	1.00	40.00	0	80.1	70	130				
cis-1,3-Dichloropropene	34.0	1.00	40.00	0	85.1	70	130				
Dibromochloromethane	40.6	1.00	40.00	0	101	70	130				
Dibromomethane	39.7	1.00	40.00	0	99.2	70	130				
Dichlorodifluoromethane	34.4	1.00	40.00	0	86.0	70	130				
Ethylbenzene	34.8	1.00	40.00	0	86.9	70	130				
Hexachlorobutadiene	6.59	1.00	40.00	0	16.5	70	130				SMI
Isopropylbenzene	30.4	1.00	40.00	0	76.0	70	130				
m,p-Xylene	68.6	2.00	80.00	0	85.8	70	130				
Methyl tert-butyl ether	37.1	1.00	40.00	0	92.8	70	130				
Methylene chloride	ND	50.0	40.00	0	95.4	70	130				
Naphthalene	38.6	1.00	40.00	0	96.4	70	130				
n-Butylbenzene	34.2	1.00	40.00	0	85.6	70	130				
n-Propylbenzene	32.0	1.00	40.00	0	80.1	70	130				
o-Xylene	37.3	1.00	40.00	0	93.4	70	130				
sec-Butylbenzene	41.0	1.00	40.00	0	102	70	130				
Styrene	28.3	1.00	40.00	0	70.8	70	130				
tert-Butylbenzene	33.6	1.00	40.00	0	84.1	70	130				
Tetrachloroethene	31.0	1.00	40.00	0	77.6	70	130				
Toluene	34.2	1.00	40.00	0	85.6	68.4	135				
trans-1,2-Dichloroethene	35.7	1.00	40.00	0	89.2	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **A2001088-001FMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	37.5	1.00	40.00	0	93.8	70	130				
Trichloroethene	34.1	1.00	40.00	0	85.2	50.8	164				
Trichlorofluoromethane	36.4	1.00	40.00	0	91.0	70	130				
Vinyl chloride	35.0	1.00	40.00	0	87.5	70	130				

Sample ID **A2001088-001FMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442028**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.0	1.00	40.00	0	100	70	130	39.13	2.22	20	
1,1,1-Trichloroethane	37.9	1.00	40.00	0	94.8	70	130	38.10	0.526	20	
1,1,2,2-Tetrachloroethane	48.8	1.00	40.00	0	122	70	130	46.33	5.17	20	
1,1,2-Trichloroethane	38.5	1.00	40.00	0	96.3	70	130	36.76	4.65	20	
1,1-Dichloroethane	38.6	1.00	40.00	0	96.4	70	130	37.22	3.51	20	
1,1-Dichloroethene	36.6	1.00	40.00	0	91.5	47.8	165	36.43	0.493	20	
1,1-Dichloropropene	34.7	1.00	40.00	0	86.8	70	130	34.17	1.60	20	
1,2,3-Trichlorobenzene	34.4	1.00	40.00	0	86.1	70	130	33.34	3.19	20	
1,2,3-Trichloropropane	47.9	1.00	40.00	0	120	70	130	46.49	2.97	20	
1,2,4-Trichlorobenzene	37.0	1.00	40.00	0	92.6	70	130	37.64	1.61	20	
1,2,4-Trimethylbenzene	34.3	1.00	40.00	0	85.8	70	130	34.20	0.292	20	
1,2-Dibromo-3-chloropropane	55.1	1.00	40.00	0	138	70	130	51.57	6.65	20	SMI
1,2-Dibromoethane	40.7	1.00	40.00	0	102	70	130	39.19	3.78	20	
1,2-Dichlorobenzene	40.4	1.00	40.00	0	101	70	130	39.85	1.37	20	
1,2-Dichloroethane	37.2	1.00	40.00	0	93.1	70	130	36.86	0.999	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **A2001088-001FMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442028**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	37.7	1.00	40.00	0	94.3	70	130	37.34	0.959	20	
1,3,5-Trimethylbenzene	33.0	1.00	40.00	0	82.4	70	130	33.18	0.696	20	
1,3-Dichlorobenzene	38.6	1.00	40.00	0	96.6	70	130	38.70	0.129	20	
1,3-Dichloropropane	40.4	1.00	40.00	0	101	70	130	39.20	3.11	20	
1,4-Dichlorobenzene	40.4	1.00	40.00	0	101	70	130	40.21	0.546	20	
2,2-Dichloropropane	34.9	1.00	40.00	0	87.2	70	130	33.79	3.12	20	
2-Butanone	83.1	10.0	80.00	0	104	70	130	78.29	5.91	20	
2-Chlorotoluene	38.7	1.00	40.00	0	96.7	70	130	38.41	0.700	20	
2-Hexanone	89.3	10.0	80.00	0	112	70	130	83.97	6.17	20	
4-Chlorotoluene	37.8	1.00	40.00	0	94.6	70	130	37.23	1.57	20	
4-Isopropyltoluene	35.0	1.00	40.00	0	87.4	70	130	35.19	0.656	20	
4-Methyl-2-pentanone	86.0	10.0	80.00	0	107	70	130	80.63	6.42	20	
Acetone	111	20.0	80.00	21.20	112	70	130	106.1	4.45	20	
Acrylonitrile	41.8	5.00	40.00	0	104	70	130	37.46	10.8	20	
Benzene	37.7	0.300	40.00	0	94.2	74.1	136	36.80	2.34	20	
Bromobenzene	44.1	1.00	40.00	0	110	70	130	43.12	2.34	20	
Bromochloromethane	40.0	1.00	40.00	0	100	70	130	39.90	0.375	20	
Bromodichloromethane	41.4	1.00	40.00	0	103	70	130	41.58	0.482	20	
Bromoform	40.2	1.00	40.00	0	101	70	130	38.72	3.87	20	
Bromomethane	28.1	1.00	40.00	0	70.2	70	130	31.75	12.2	20	
Carbon disulfide	34.3	2.00	40.00	0	85.7	70	130	34.09	0.497	20	
Carbon tetrachloride	42.1	1.00	40.00	0	105	70	130	43.14	2.51	20	
Chlorobenzene	35.4	1.00	40.00	0	88.6	70.7	133	34.76	1.88	20	
Chloroethane	34.2	1.00	40.00	0	85.5	70	130	35.45	3.62	20	
Chloroform	39.4	1.00	40.00	0	98.4	70	130	39.09	0.688	20	
Chloromethane	36.8	1.00	40.00	0	92.0	70	130	34.59	6.16	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **A2001088-001FMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33810**

Client ID: **ZZZZZZ** Batch ID: **R33810** TestNo: **SW8260D** Analysis Date: **1/20/2020** SeqNo: **442028**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	33.7	1.00	40.00	0	84.2	70	130	32.05	4.93	20	
cis-1,3-Dichloropropene	37.5	1.00	40.00	0	93.6	70	130	34.05	9.54	20	
Dibromochloromethane	42.0	1.00	40.00	0	105	70	130	40.59	3.37	20	
Dibromomethane	40.0	1.00	40.00	0	100	70	130	39.70	0.853	20	
Dichlorodifluoromethane	34.2	1.00	40.00	0	85.6	70	130	34.40	0.437	20	
Ethylbenzene	35.0	1.00	40.00	0	87.4	70	130	34.77	0.545	20	
Hexachlorobutadiene	5.47	1.00	40.00	0	13.7	70	130	6.590	18.6	20	SMI
Isopropylbenzene	30.3	1.00	40.00	0	75.8	70	130	30.41	0.329	20	
m,p-Xylene	70.0	2.00	80.00	0	87.5	70	130	68.60	1.98	20	
Methyl tert-butyl ether	38.7	1.00	40.00	0	96.8	70	130	37.13	4.19	20	
Methylene chloride	ND	50.0	40.00	0	96.0	70	130	0	0	20	
Naphthalene	40.9	1.00	40.00	0	102	70	130	38.55	5.94	20	
n-Butylbenzene	34.9	1.00	40.00	0	87.2	70	130	34.24	1.82	20	
n-Propylbenzene	31.9	1.00	40.00	0	79.8	70	130	32.03	0.313	20	
o-Xylene	37.5	1.00	40.00	0	93.7	70	130	37.34	0.348	20	
sec-Butylbenzene	39.6	1.00	40.00	0	99.0	70	130	40.96	3.33	20	
Styrene	28.5	1.00	40.00	0	71.2	70	130	28.33	0.528	20	
tert-Butylbenzene	33.3	1.00	40.00	0	83.3	70	130	33.64	1.02	20	
Tetrachloroethene	31.1	1.00	40.00	0	77.7	70	130	31.02	0.129	20	
Toluene	33.9	1.00	40.00	0	84.7	68.4	135	34.23	1.06	20	
trans-1,2-Dichloroethene	36.3	1.00	40.00	0	90.8	70	130	35.69	1.69	20	
trans-1,3-Dichloropropene	36.3	1.00	40.00	0	90.8	70	130	37.52	3.22	20	
Trichloroethene	33.9	1.00	40.00	0	84.7	50.8	164	34.10	0.677	20	
Trichlorofluoromethane	31.2	1.00	40.00	0	78.0	70	130	36.39	15.4	20	
Vinyl chloride	35.2	1.00	40.00	0	88.0	70	130	35.00	0.627	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	8360	200	8000	0	105	70	130				
1,1,1-Trichloroethane	8210	200	8000	0	103	70	130				
1,1,2,2-Tetrachloroethane	7320	200	8000	0	91.5	70	130				
1,1,2-Trichloroethane	7570	200	8000	0	94.6	70	130				
1,1-Dichloroethane	8070	200	8000	0	101	70	130				
1,1-Dichloroethene	8140	200	8000	0	102	47.8	165				
1,1-Dichloropropene	8200	200	8000	0	103	70	130				
1,2,3-Trichlorobenzene	7580	200	8000	0	94.7	70	130				
1,2,3-Trichloropropane	7240	200	8000	0	90.5	70	130				
1,2,4-Trichlorobenzene	7700	200	8000	0	96.3	70	130				
1,2,4-Trimethylbenzene	7830	200	8000	220.0	95.2	70	130				
1,2-Dibromo-3-chloropropane	8410	200	8000	0	105	70	130				
1,2-Dibromoethane	8130	200	8000	0	102	70	130				
1,2-Dichlorobenzene	7410	200	8000	0	92.6	70	130				
1,2-Dichloroethane	7680	200	8000	0	96.0	70	130				
1,2-Dichloropropane	7600	200	8000	0	95.0	70	130				
1,3,5-Trimethylbenzene	7630	200	8000	0	95.4	70	130				
1,3-Dichlorobenzene	7610	200	8000	0	95.1	70	130				
1,3-Dichloropropane	8060	200	8000	0	101	70	130				
1,4-Dichlorobenzene	7730	200	8000	0	96.7	70	130				
2,2-Dichloropropane	8310	200	8000	0	104	70	130				
2-Butanone	16000	2000	16000	0	100	70	130				
2-Chlorotoluene	7250	200	8000	0	90.7	70	130				
2-Hexanone	16800	2000	16000	0	105	70	130				
4-Chlorotoluene	7490	200	8000	0	93.7	70	130				
4-Isopropyltoluene	7750	200	8000	0	96.8	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	16400	2000	16000	0	102	70	130				
Acetone	18000	4000	16000	0	112	70	130				
Acrylonitrile	7840	1000	8000	0	98.0	70	130				
Benzene	7970	60.0	8000	0	99.7	74.1	136				
Bromobenzene	7200	200	8000	0	90.0	70	130				
Bromochloromethane	8480	200	8000	0	106	70	130				
Bromodichloromethane	8420	200	8000	0	105	70	130				
Bromoform	8210	200	8000	0	103	70	130				
Bromomethane	9460	200	8000	0	118	70	130				
Carbon disulfide	8800	400	8000	0	110	70	130				
Carbon tetrachloride	9400	200	8000	0	118	70	130				
Chlorobenzene	7550	200	8000	0	94.3	70.7	133				
Chloroethane	8450	200	8000	0	106	70	130				
Chloroform	8210	200	8000	0	103	70	130				
Chloromethane	7150	200	8000	0	89.4	70	130				
cis-1,2-Dichloroethene	8150	200	8000	0	102	70	130				
cis-1,3-Dichloropropene	7930	200	8000	0	99.2	70	130				
Dibromochloromethane	8430	200	8000	0	105	70	130				
Dibromomethane	8260	200	8000	0	103	70	130				
Dichlorodifluoromethane	7790	200	8000	0	97.4	70	130				
Ethylbenzene	8290	200	8000	138.0	102	70	130				
Hexachlorobutadiene	7740	200	8000	0	96.8	70	130				
Isopropylbenzene	8300	200	8000	0	104	70	130				
m,p-Xylene	16700	400	16000	0	104	70	130				
Methyl tert-butyl ether	7870	200	8000	0	98.4	70	130				
Methylene chloride	ND	10000	8000	0	105	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	27400	200	8000	19610	96.9	70	130				
n-Butylbenzene	7900	200	8000	0	98.7	70	130				
n-Propylbenzene	7420	200	8000	0	92.8	70	130				
o-Xylene	8610	200	8000	0	108	70	130				
sec-Butylbenzene	7520	200	8000	0	94.0	70	130				
Styrene	8470	200	8000	0	106	70	130				
tert-Butylbenzene	7970	200	8000	0	99.7	70	130				
Tetrachloroethene	8140	200	8000	0	102	70	130				
Toluene	7100	200	8000	0	88.7	68.4	135				
trans-1,2-Dichloroethene	8340	200	8000	0	104	70	130				
trans-1,3-Dichloropropene	8110	200	8000	0	101	70	130				
Trichloroethene	7260	200	8000	0	90.8	50.8	164				
Trichlorofluoromethane	8910	200	8000	0	111	70	130				
Vinyl chloride	7760	200	8000	0	97.0	70	130				

Sample ID **2001129-007BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	8040	200	8000	0	101	70	130	8362	3.93	20	
1,1,1-Trichloroethane	8120	200	8000	0	102	70	130	8208	1.05	20	
1,1,2,2-Tetrachloroethane	7210	200	8000	0	90.1	70	130	7320	1.51	20	
1,1,2-Trichloroethane	7440	200	8000	0	93.0	70	130	7572	1.79	20	
1,1-Dichloroethane	7990	200	8000	0	99.8	70	130	8068	1.02	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	7910	200	8000	0	98.8	47.8	165	8138	2.89	20	
1,1-Dichloropropene	8060	200	8000	0	101	70	130	8200	1.75	20	
1,2,3-Trichlorobenzene	7780	200	8000	0	97.3	70	130	7576	2.71	20	
1,2,3-Trichloropropane	7150	200	8000	0	89.3	70	130	7238	1.28	20	
1,2,4-Trichlorobenzene	7940	200	8000	0	99.2	70	130	7704	2.99	20	
1,2,4-Trimethylbenzene	7790	200	8000	220.0	94.6	70	130	7834	0.615	20	
1,2-Dibromo-3-chloropropane	8550	200	8000	0	107	70	130	8410	1.63	20	
1,2-Dibromoethane	8050	200	8000	0	101	70	130	8132	1.04	20	
1,2-Dichlorobenzene	7390	200	8000	0	92.4	70	130	7410	0.243	20	
1,2-Dichloroethane	7700	200	8000	0	96.2	70	130	7676	0.312	20	
1,2-Dichloropropane	7650	200	8000	0	95.6	70	130	7602	0.577	20	
1,3,5-Trimethylbenzene	7570	200	8000	0	94.6	70	130	7628	0.737	20	
1,3-Dichlorobenzene	7700	200	8000	0	96.3	70	130	7610	1.20	20	
1,3-Dichloropropane	7970	200	8000	0	99.6	70	130	8056	1.05	20	
1,4-Dichlorobenzene	7690	200	8000	0	96.1	70	130	7732	0.597	20	
2,2-Dichloropropane	8260	200	8000	0	103	70	130	8306	0.555	20	
2-Butanone	16500	2000	16000	0	103	70	130	16010	2.80	20	
2-Chlorotoluene	7250	200	8000	0	90.7	70	130	7252	0.0276	20	
2-Hexanone	16700	2000	16000	0	104	70	130	16820	0.608	20	
4-Chlorotoluene	7390	200	8000	0	92.3	70	130	7494	1.45	20	
4-Isopropyltoluene	7790	200	8000	0	97.4	70	130	7746	0.592	20	
4-Methyl-2-pentanone	16100	2000	16000	0	100	70	130	16370	1.83	20	
Acetone	16300	4000	16000	0	102	70	130	17970	9.93	20	
Acrylonitrile	8930	1000	8000	0	112	70	130	7842	13.0	20	
Benzene	7910	60.0	8000	0	98.9	74.1	136	7974	0.755	20	
Bromobenzene	7220	200	8000	0	90.2	70	130	7198	0.250	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	8360	200	8000	0	105	70	130	8480	1.40	20	
Bromodichloromethane	8420	200	8000	0	105	70	130	8422	0.0713	20	
Bromoform	8070	200	8000	0	101	70	130	8212	1.69	20	
Bromomethane	8690	200	8000	0	109	70	130	9462	8.46	20	
Carbon disulfide	8450	400	8000	0	106	70	130	8802	4.08	20	
Carbon tetrachloride	9310	200	8000	0	116	70	130	9400	0.962	20	
Chlorobenzene	7450	200	8000	0	93.2	70.7	133	7546	1.23	20	
Chloroethane	8520	200	8000	0	107	70	130	8446	0.919	20	
Chloroform	8110	200	8000	0	101	70	130	8210	1.25	20	
Chloromethane	7420	200	8000	0	92.8	70	130	7152	3.68	20	
cis-1,2-Dichloroethene	8110	200	8000	0	101	70	130	8152	0.467	20	
cis-1,3-Dichloropropene	7950	200	8000	0	99.4	70	130	7932	0.227	20	
Dibromochloromethane	8390	200	8000	0	105	70	130	8434	0.475	20	
Dibromomethane	8250	200	8000	0	103	70	130	8258	0.145	20	
Dichlorodifluoromethane	7770	200	8000	0	97.1	70	130	7788	0.283	20	
Ethylbenzene	7980	200	8000	138.0	98.0	70	130	8292	3.81	20	
Hexachlorobutadiene	7790	200	8000	0	97.3	70	130	7742	0.567	20	
Isopropylbenzene	8240	200	8000	0	103	70	130	8302	0.701	20	
m,p-Xylene	16500	400	16000	0	103	70	130	16710	1.48	20	
Methyl tert-butyl ether	7940	200	8000	0	99.3	70	130	7874	0.835	20	
Methylene chloride	ND	10000	8000	0	102	70	130	0	0	20	
Naphthalene	28400	200	8000	19610	109	70	130	27370	3.59	20	
n-Butylbenzene	8000	200	8000	0	100	70	130	7898	1.28	20	
n-Propylbenzene	7400	200	8000	0	92.5	70	130	7420	0.270	20	
o-Xylene	8410	200	8000	0	105	70	130	8608	2.35	20	
sec-Butylbenzene	7470	200	8000	0	93.4	70	130	7518	0.614	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **2001129-007BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **MW57S011520** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	8290	200	8000	0	104	70	130	8474	2.15	20	
tert-Butylbenzene	7880	200	8000	0	98.5	70	130	7974	1.24	20	
Tetrachloroethene	7970	200	8000	0	99.6	70	130	8138	2.14	20	
Toluene	6840	200	8000	0	85.5	68.4	135	7096	3.64	20	
trans-1,2-Dichloroethene	8280	200	8000	0	104	70	130	8340	0.722	20	
trans-1,3-Dichloropropene	8080	200	8000	0	101	70	130	8108	0.296	20	
Trichloroethene	7400	200	8000	0	92.5	50.8	164	7260	1.94	20	
Trichlorofluoromethane	6060	200	8000	0	75.7	70	130	8906	38.1	20	R
Vinyl chloride	7730	200	8000	0	96.7	70	130	7764	0.387	20	

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **PBW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **PBW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **33827**
Client ID: **PBW**	Batch ID: **R33827**	TestNo: **SW8260D**		Analysis Date: **1/21/2020**	SeqNo: **442210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	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

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **PBW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	93.0		100.0		93.0	75.3	126				
Surr: 4-Bromofluorobenzene	108		100.0		108	78.1	120				
Surr: Dibromofluoromethane	103		100.0		103	74.2	122				
Surr: Toluene-d8	103		100.0		103	76.2	135				

Sample ID **CCV MSVWS-3030** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **CCV** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.7	1.00	40.00	0	99.4	80	120				
1,1,1-Trichloroethane	40.8	1.00	40.00	0	102	80	120				
1,1,2,2-Tetrachloroethane	34.1	1.00	40.00	0	85.2	80	120				
1,1,2-Trichloroethane	35.8	1.00	40.00	0	89.5	80	120				
1,1-Dichloroethane	37.9	1.00	40.00	0	94.8	80	120				
1,1-Dichloroethene	39.3	1.00	40.00	0	98.4	80	120				
1,1-Dichloropropene	39.1	1.00	40.00	0	97.8	80	120				
1,2,3-Trichlorobenzene	33.0	1.00	40.00	0	82.4	80	120				
1,2,3-Trichloropropane	33.8	1.00	40.00	0	84.6	80	120				
1,2,4-Trichlorobenzene	34.4	1.00	40.00	0	86.0	80	120				

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3030** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **CCV** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	35.8	1.00	40.00	0	89.4	80	120				
1,2-Dibromo-3-chloropropane	37.0	1.00	40.00	0	92.4	80	120				
1,2-Dibromoethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichlorobenzene	34.6	1.00	40.00	0	86.6	80	120				
1,2-Dichloroethane	36.9	1.00	40.00	0	92.4	80	120				
1,2-Dichloropropane	37.1	1.00	40.00	0	92.8	80	120				
1,3,5-Trimethylbenzene	35.5	1.00	40.00	0	88.7	80	120				
1,3-Dichlorobenzene	36.4	1.00	40.00	0	90.9	80	120				
1,3-Dichloropropane	37.8	1.00	40.00	0	94.5	80	120				
1,4-Dichlorobenzene	36.4	1.00	40.00	0	91.0	80	120				
2,2-Dichloropropane	39.4	1.00	40.00	0	98.4	80	120				
2-Butanone	74.3	10.0	80.00	0	92.9	80	120				
2-Chlorotoluene	34.5	1.00	40.00	0	86.4	80	120				
2-Hexanone	79.2	10.0	80.00	0	99.0	80	120				
4-Chlorotoluene	35.3	1.00	40.00	0	88.2	80	120				
4-Isopropyltoluene	36.6	1.00	40.00	0	91.6	80	120				
4-Methyl-2-pentanone	75.6	10.0	80.00	0	94.4	80	120				
Acetone	86.0	20.0	80.00	0	108	80	120				
Acrylonitrile	33.5	5.00	40.00	0	83.9	80	120				
Benzene	38.0	0.300	40.00	0	95.0	80	120				
Bromobenzene	34.1	1.00	40.00	0	85.2	80	120				
Bromochloromethane	42.8	1.00	40.00	0	107	80	120				
Bromodichloromethane	42.4	1.00	40.00	0	106	80	120				
Bromoform	38.6	1.00	40.00	0	96.5	80	120				
Bromomethane	50.8	1.00	40.00	0	127	80	120				SC
Carbon disulfide	42.5	2.00	40.00	0	106	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3030** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **CCV** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	47.7	1.00	40.00	0	119	80	120				
Chlorobenzene	36.2	1.00	40.00	0	90.6	80	120				
Chloroethane	36.8	1.00	40.00	0	91.9	80	120				
Chloroform	40.3	1.00	40.00	0	101	80	120				
Chloromethane	35.0	1.00	40.00	0	87.5	80	120				
cis-1,2-Dichloroethene	38.4	1.00	40.00	0	96.0	80	120				
cis-1,3-Dichloropropene	36.4	1.00	40.00	0	90.9	80	120				
Dibromochloromethane	39.6	1.00	40.00	0	99.1	80	120				
Dibromomethane	41.0	1.00	40.00	0	102	80	120				
Dichlorodifluoromethane	35.5	1.00	40.00	0	88.8	80	120				
Ethylbenzene	38.5	1.00	40.00	0	96.2	80	120				
Hexachlorobutadiene	37.1	1.00	40.00	0	92.8	80	120				
Isopropylbenzene	39.3	1.00	40.00	0	98.3	80	120				
m,p-Xylene	78.5	2.00	80.00	0	98.1	80	120				
Methyl tert-butyl ether	35.9	1.00	40.00	0	89.8	80	120				
Methylene chloride	ND	50.0	40.00	0	103	80	120				
Naphthalene	37.1	1.00	40.00	0	92.6	80	120				
n-Butylbenzene	37.6	1.00	40.00	0	94.1	80	120				
n-Propylbenzene	35.3	1.00	40.00	0	88.2	80	120				
o-Xylene	40.1	1.00	40.00	0	100	80	120				
sec-Butylbenzene	35.7	1.00	40.00	0	89.2	80	120				
Styrene	39.7	1.00	40.00	0	99.3	80	120				
tert-Butylbenzene	38.2	1.00	40.00	0	95.4	80	120				
Tetrachloroethene	39.0	1.00	40.00	0	97.5	80	120				
Toluene	34.0	1.00	40.00	0	85.1	80	120				
trans-1,2-Dichloroethene	39.3	1.00	40.00	0	98.3	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3030** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **CCV** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	38.5	1.00	40.00	0	96.2	80	120				
Trichloroethene	36.2	1.00	40.00	0	90.5	80	120				
Trichlorofluoromethane	46.3	1.00	40.00	0	116	80	120				
Vinyl chloride	32.6	1.00	40.00	0	81.4	80	120				

Sample ID **LCS MSVWS-3030** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **LCSW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442288**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.7	1.00	40.00	0	99.4	80	120				
1,1,1-Trichloroethane	40.8	1.00	40.00	0	102	80	120				
1,1,2,2-Tetrachloroethane	34.1	1.00	40.00	0	85.2	80	120				
1,1,2-Trichloroethane	35.8	1.00	40.00	0	89.5	80	120				
1,1-Dichloroethane	37.9	1.00	40.00	0	94.8	80	120				
1,1-Dichloroethene	39.3	1.00	40.00	0	98.4	61.2	135				
1,1-Dichloropropene	39.1	1.00	40.00	0	97.8	80	120				
1,2,3-Trichlorobenzene	33.0	1.00	40.00	0	82.4	80	120				
1,2,3-Trichloropropane	33.8	1.00	40.00	0	84.6	80	120				
1,2,4-Trichlorobenzene	34.4	1.00	40.00	0	86.0	80	120				
1,2,4-Trimethylbenzene	35.8	1.00	40.00	0	89.4	80	120				
1,2-Dibromo-3-chloropropane	37.0	1.00	40.00	0	92.4	80	120				
1,2-Dibromoethane	38.6	1.00	40.00	0	96.5	80	120				
1,2-Dichlorobenzene	34.6	1.00	40.00	0	86.6	80	120				
1,2-Dichloroethane	36.9	1.00	40.00	0	92.4	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **LCS MSVWS-3030** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **LCSW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442288**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	37.1	1.00	40.00	0	92.8	80	120				
1,3,5-Trimethylbenzene	35.5	1.00	40.00	0	88.7	80	120				
1,3-Dichlorobenzene	36.4	1.00	40.00	0	90.9	80	120				
1,3-Dichloropropane	37.8	1.00	40.00	0	94.5	80	120				
1,4-Dichlorobenzene	36.4	1.00	40.00	0	91.0	80	120				
2,2-Dichloropropane	39.4	1.00	40.00	0	98.4	80	120				
2-Butanone	74.3	10.0	80.00	0	92.9	80	120				
2-Chlorotoluene	34.5	1.00	40.00	0	86.4	80	120				
2-Hexanone	79.2	10.0	80.00	0	99.0	80	120				
4-Chlorotoluene	35.3	1.00	40.00	0	88.2	80	120				
4-Isopropyltoluene	36.6	1.00	40.00	0	91.6	80	120				
4-Methyl-2-pentanone	75.6	10.0	80.00	0	94.4	80	120				
Acetone	86.0	20.0	80.00	0	108	80	120				
Acrylonitrile	33.5	5.00	40.00	0	83.9	80	120				
Benzene	38.0	0.300	40.00	0	95.0	76.8	125				
Bromobenzene	34.1	1.00	40.00	0	85.2	80	120				
Bromochloromethane	42.8	1.00	40.00	0	107	80	120				
Bromodichloromethane	42.4	1.00	40.00	0	106	80	120				
Bromoform	38.6	1.00	40.00	0	96.5	80	120				
Bromomethane	50.8	1.00	40.00	0	127	80	120				S
Carbon disulfide	42.5	2.00	40.00	0	106	80	120				
Carbon tetrachloride	47.7	1.00	40.00	0	119	80	120				
Chlorobenzene	36.2	1.00	40.00	0	90.6	84.1	116				
Chloroethane	36.8	1.00	40.00	0	91.9	80	120				
Chloroform	40.3	1.00	40.00	0	101	80	120				
Chloromethane	35.0	1.00	40.00	0	87.5	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8260_W**

Sample ID **LCS MSVWS-3030** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **33827**

Client ID: **LCSW** Batch ID: **R33827** TestNo: **SW8260D** Analysis Date: **1/21/2020** SeqNo: **442288**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	38.4	1.00	40.00	0	96.0	80	120				
cis-1,3-Dichloropropene	36.4	1.00	40.00	0	90.9	80	120				
Dibromochloromethane	39.6	1.00	40.00	0	99.1	80	120				
Dibromomethane	41.0	1.00	40.00	0	102	80	120				
Dichlorodifluoromethane	35.5	1.00	40.00	0	88.8	80	120				
Ethylbenzene	38.5	1.00	40.00	0	96.2	80	120				
Hexachlorobutadiene	37.1	1.00	40.00	0	92.8	80	120				
Isopropylbenzene	39.3	1.00	40.00	0	98.3	80	120				
m,p-Xylene	78.5	2.00	80.00	0	98.1	80	120				
Methyl tert-butyl ether	35.9	1.00	40.00	0	89.8	80	120				
Methylene chloride	ND	50.0	40.00	0	103	80	120				
Naphthalene	37.1	1.00	40.00	0	92.6	80	120				
n-Butylbenzene	37.6	1.00	40.00	0	94.1	80	120				
n-Propylbenzene	35.3	1.00	40.00	0	88.2	80	120				
o-Xylene	40.1	1.00	40.00	0	100	80	120				
sec-Butylbenzene	35.7	1.00	40.00	0	89.2	80	120				
Styrene	39.7	1.00	40.00	0	99.3	80	120				
tert-Butylbenzene	38.2	1.00	40.00	0	95.4	80	120				
Tetrachloroethene	39.0	1.00	40.00	0	97.5	80	120				
Toluene	34.0	1.00	40.00	0	85.1	82	122				
trans-1,2-Dichloroethene	39.3	1.00	40.00	0	98.3	82	120				
trans-1,3-Dichloropropene	38.5	1.00	40.00	0	96.2	82	120				
Trichloroethene	36.2	1.00	40.00	0	90.5	68.5	124				
Trichlorofluoromethane	46.3	1.00	40.00	0	116	80	120				
Vinyl chloride	32.6	1.00	40.00	0	81.4	80	120				

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **MB-15280** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **1/21/2020** RunNo: **33874**

Client ID: **PBW** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/24/2020** SeqNo: **442843**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	1.00									
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5,6-Tetrachlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
2,4,5-Trichlorophenol	ND	1.00									
2,4,6-Trichlorophenol	ND	1.00									
2-Methylnaphthalene	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Acenaphthene	ND	1.00									
Acenaphthylene	ND	1.00									
Anthracene	ND	1.00									
Benz(a)anthracene	ND	1.00									
Benzo(a)pyrene	ND	1.00									
Benzo(b)fluoranthene	ND	1.00									
Benzo(g,h,i)perylene	ND	1.00									
Benzo(k)fluoranthene	ND	1.00									
Bis(2-ethylhexyl)phthalate	ND	1.00									
Carbazole	ND	1.00									
Chrysene	ND	1.00									
Dibenz(a,h)anthracene	ND	1.00									
Dibenzofuran	ND	1.00									
Fluoranthene	ND	1.00									
Fluorene	ND	1.00									
Indeno(1,2,3-cd)pyrene	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **MB-15280** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **1/21/2020** RunNo: **33874**

Client ID: **PBW** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/24/2020** SeqNo: **442843**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	1.00									
Pentachlorophenol	ND	1.50									
Phenanthrene	ND	1.00									
Pyrene	ND	1.00									
Surr: 2,4,6-Tribromophenol	91.2		100.0		91.2	33.1	120				
Surr: 2-Fluorobiphenyl	83.1		100.0		83.1	33.1	120				
Surr: 2-Fluorophenol	62.1		100.0		62.1	13.4	120				
Surr: 4-Terphenyl-d14	74.6		100.0		74.6	41	122				
Surr: Nitrobenzene-d5	81.7		100.0		81.7	28.9	120				
Surr: Phenol-d6	46.0		100.0		46.0	10.6	120				

Sample ID **CCV MSSWS-1575** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCV** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442863**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	20.7	1.00	20.00	0	103	80	120				
2,3,4,6-Tetrachlorophenol	22.0	1.00	20.00	0	110	80	120				
2,3,4-Trichlorophenol	19.0	1.00	20.00	0	95.0	80	120				
2,3,5,6-Tetrachlorophenol	19.4	1.00	20.00	0	96.8	80	120				
2,3,5-Trichlorophenol	22.2	1.00	20.00	0	111	80	120				
2,3,6-Trichlorophenol	20.7	1.00	20.00	0	104	80	120				
2,4,5-Trichlorophenol	23.4	1.00	20.00	0	117	80	120				
2,4,6-Trichlorophenol	19.3	1.00	20.00	0	96.4	80	120				
2-Methylnaphthalene	21.3	1.00	20.00	0	106	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **CCV MSSWS-1575** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCV** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442863**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,4,5-Trichlorophenol	22.2	1.00	20.00	0	111	80	120				
Acenaphthene	20.7	1.00	20.00	0	103	80	120				
Acenaphthylene	21.3	1.00	20.00	0	107	80	120				
Anthracene	21.7	1.00	20.00	0	108	80	120				
Benz(a)anthracene	20.4	1.00	20.00	0	102	80	120				
Benzo(a)pyrene	19.5	1.00	20.00	0	97.5	80	120				
Benzo(b)fluoranthene	18.8	1.00	20.00	0	93.8	80	120				
Benzo(g,h,i)perylene	23.7	1.00	20.00	0	119	80	120				
Benzo(k)fluoranthene	18.3	1.00	20.00	0	91.4	80	120				
Bis(2-ethylhexyl)phthalate	21.3	1.00	20.00	0	106	80	120				
Carbazole	21.6	1.00	20.00	0	108	80	120				
Chrysene	21.6	1.00	20.00	0	108	80	120				
Dibenz(a,h)anthracene	22.9	1.00	20.00	0	115	80	120				
Dibenzofuran	21.4	1.00	20.00	0	107	80	120				
Fluoranthene	19.3	1.00	20.00	0	96.5	80	120				
Fluorene	21.2	1.00	20.00	0	106	80	120				
Indeno(1,2,3-cd)pyrene	23.4	1.00	20.00	0	117	80	120				
Naphthalene	20.7	1.00	20.00	0	103	80	120				
Pentachlorophenol	20.2	1.50	20.00	0	101	80	120				
Phenanthrene	20.8	1.00	20.00	0	104	80	120				
Pyrene	21.6	1.00	20.00	0	108	80	120				

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCB** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	1.00									
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5,6-Tetrachlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
2,4,5-Trichlorophenol	ND	1.00									
2,4,6-Trichlorophenol	ND	1.00									
2-Methylnaphthalene	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Acenaphthene	ND	1.00									
Acenaphthylene	ND	1.00									
Anthracene	ND	1.00									
Benz(a)anthracene	ND	1.00									
Benzo(a)pyrene	ND	1.00									
Benzo(b)fluoranthene	ND	1.00									
Benzo(g,h,i)perylene	ND	1.00									
Benzo(k)fluoranthene	ND	1.00									
Bis(2-ethylhexyl)phthalate	ND	1.00									
Carbazole	ND	1.00									
Chrysene	ND	1.00									
Dibenz(a,h)anthracene	ND	1.00									
Dibenzofuran	ND	1.00									
Fluoranthene	ND	1.00									
Fluorene	ND	1.00									
Indeno(1,2,3-cd)pyrene	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCB** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	1.00									
Pentachlorophenol	ND	1.50									
Phenanthrene	ND	1.00									
Pyrene	ND	1.00									
Surr: 2,4,6-Tribromophenol	89.8		100.0		89.8	33.1	130				
Surr: 2-Fluorobiphenyl	72.2		100.0		72.2	33.1	130				
Surr: 2-Fluorophenol	62.5		100.0		62.5	13.4	130				
Surr: 4-Terphenyl-d14	64.1		100.0		64.1	41	130				
Surr: Nitrobenzene-d5	82.9		100.0		82.9	28.9	130				
Surr: Phenol-d6	47.3		100.0		47.3	10.6	130				

Sample ID **LCS-15280** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **1/21/2020** RunNo: **33874**

Client ID: **LCSW** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	33.5	1.00	40.00	0	83.8	40	140				
2,3,4,6-Tetrachlorophenol	43.9	1.00	40.00	0	110	40	140				
2,3,4-Trichlorophenol	35.8	1.00	40.00	0	89.5	40	140				
2,3,5,6-Tetrachlorophenol	47.0	1.00	40.00	0	117	40	140				
2,3,5-Trichlorophenol	42.6	1.00	40.00	0	107	40	140				
2,3,6-Trichlorophenol	22.3	1.00	40.00	0	55.8	40	140				
2,4,5-Trichlorophenol	42.6	1.00	40.00	0	106	40	140				
2,4,6-Trichlorophenol	40.0	1.00	40.00	0	99.9	40	140				
2-Methylnaphthalene	27.1	1.00	40.00	0	67.8	40	140				

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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **LCS-15280** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **1/21/2020** RunNo: **33874**

Client ID: **LCSW** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,4,5-Trichlorophenol	43.5	1.00	40.00	0	109	40	140				
Acenaphthene	36.5	1.00	40.00	0	91.3	40	140				
Acenaphthylene	34.2	1.00	40.00	0	85.4	40	140				
Anthracene	34.9	1.00	40.00	0	87.3	40	140				
Benz(a)anthracene	38.3	1.00	40.00	0	95.7	40	140				
Benzo(a)pyrene	39.0	1.00	40.00	0	97.6	40	140				
Benzo(b)fluoranthene	42.3	1.00	40.00	0	106	40	140				
Benzo(g,h,i)perylene	52.4	1.00	40.00	0	131	40	140				
Benzo(k)fluoranthene	35.6	1.00	40.00	0	88.9	40	140				
Bis(2-ethylhexyl)phthalate	39.5	1.00	40.00	0	98.8	40	140				
Carbazole	38.0	1.00	40.00	0	95.1	40	140				
Chrysene	38.1	1.00	40.00	0	95.2	40	140				
Dibenz(a,h)anthracene	51.8	1.00	40.00	0	130	40	140				
Dibenzofuran	35.1	1.00	40.00	0	87.9	40	140				
Fluoranthene	33.4	1.00	40.00	0	83.4	40	140				
Fluorene	37.0	1.00	40.00	0	92.6	40	140				
Indeno(1,2,3-cd)pyrene	50.9	1.00	40.00	0	127	40	140				
Naphthalene	31.4	1.00	40.00	0	78.4	40	140				
Pentachlorophenol	41.2	1.50	40.00	0	103	40	140				
Phenanthrene	34.2	1.00	40.00	0	85.4	40	140				
Pyrene	33.0	1.00	40.00	0	82.4	40	140				

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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **LCSD-15280**	SampType: **LCSD**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date: **1/21/2020**	RunNo: **33874**
Client ID: **LCSS02**	Batch ID: **15280**	TestNo: **SW8270E**	**SW 3510C**	Analysis Date: **1/27/2020**	SeqNo: **442876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	35.0	1.00	40.00	0	87.5	40	140	33.50	4.38	20	
2,3,4,6-Tetrachlorophenol	46.1	1.00	40.00	0	115	40	140	43.91	4.91	20	
2,3,4-Trichlorophenol	37.9	1.00	40.00	0	94.6	40	140	35.79	5.62	20	
2,3,5,6-Tetrachlorophenol	49.1	1.00	40.00	0	123	40	140	46.96	4.54	20	
2,3,5-Trichlorophenol	44.1	1.00	40.00	0	110	40	140	42.61	3.48	20	
2,3,6-Trichlorophenol	23.3	1.00	40.00	0	58.3	40	140	22.31	4.38	20	
2,4,5-Trichlorophenol	43.0	1.00	40.00	0	107	40	140	42.57	0.889	20	
2,4,6-Trichlorophenol	40.8	1.00	40.00	0	102	40	140	39.95	2.23	20	
2-Methylnaphthalene	28.3	1.00	40.00	0	70.9	40	140	27.11	4.44	20	
3,4,5-Trichlorophenol	44.6	1.00	40.00	0	111	40	140	43.53	2.41	20	
Acenaphthene	37.5	1.00	40.00	0	93.8	40	140	36.52	2.65	20	
Acenaphthylene	34.3	1.00	40.00	0	85.7	40	140	34.15	0.380	20	
Anthracene	34.8	1.00	40.00	0	87.1	40	140	34.92	0.201	20	
Benz(a)anthracene	38.6	1.00	40.00	0	96.5	40	140	38.26	0.911	20	
Benzo(a)pyrene	40.5	1.00	40.00	0	101	40	140	39.04	3.72	20	
Benzo(b)fluoranthene	42.0	1.00	40.00	0	105	40	140	42.27	0.712	20	
Benzo(g,h,i)perylene	53.6	1.00	40.00	0	134	40	140	52.37	2.23	20	
Benzo(k)fluoranthene	34.5	1.00	40.00	0	86.4	40	140	35.56	2.91	20	
Bis(2-ethylhexyl)phthalate	40.2	1.00	40.00	0	100	40	140	39.50	1.66	20	
Carbazole	38.8	1.00	40.00	0	97.1	40	140	38.04	2.11	20	
Chrysene	38.3	1.00	40.00	0	95.8	40	140	38.06	0.629	20	
Dibenz(a,h)anthracene	53.8	1.00	40.00	0	134	40	140	51.82	3.69	20	
Dibenzofuran	35.5	1.00	40.00	0	88.7	40	140	35.14	0.963	20	
Fluoranthene	33.1	1.00	40.00	0	82.8	40	140	33.36	0.662	20	
Fluorene	37.8	1.00	40.00	0	94.5	40	140	37.03	2.08	20	
Indeno(1,2,3-cd)pyrene	53.1	1.00	40.00	0	133	40	140	50.91	4.27	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#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **LCSD-15280** SampType: **LCSD** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **1/21/2020** RunNo: **33874**

Client ID: **LCSS02** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/27/2020** SeqNo: **442876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	32.0	1.00	40.00	0	80.0	40	140	31.37	2.02	20	
Pentachlorophenol	44.7	1.50	40.00	0	112	40	140	41.23	8.03	20	
Phenanthrene	34.2	1.00	40.00	0	85.4	40	140	34.18	0.0293	20	
Pyrene	32.8	1.00	40.00	0	82.0	40	140	32.96	0.517	20	

Sample ID **80 PPM ICAL** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCV** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/24/2020** SeqNo: **442877**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	73.1	1.00	80.00	0	91.4	80	120				
2,3,4,6-Tetrachlorophenol	85.4	1.00	80.00	0	107	80	120				
2,3,4-Trichlorophenol	85.7	1.00	80.00	0	107	80	120				
2,3,5,6-Tetrachlorophenol	91.3	1.00	80.00	0	114	80	120				
2,3,5-Trichlorophenol	92.0	1.00	80.00	0	115	80	120				
2,3,6-Trichlorophenol	73.0	1.00	80.00	0	91.2	80	120				
2,4,5-Trichlorophenol	93.5	1.00	80.00	0	117	80	120				
2,4,6-Trichlorophenol	78.4	1.00	80.00	0	98.0	80	120				
2-Methylnaphthalene	66.6	1.00	80.00	0	83.2	80	120				
3,4,5-Trichlorophenol	85.5	1.00	80.00	0	107	80	120				
Acenaphthene	73.9	1.00	80.00	0	92.4	80	120				
Acenaphthylene	66.8	1.00	80.00	0	83.6	80	120				
Anthracene	64.8	1.00	80.00	0	81.1	80	120				
Benz(a)anthracene	69.8	1.00	80.00	0	87.2	80	120				
Benzo(a)pyrene	79.1	1.00	80.00	0	98.9	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

QC SUMMARY REPORT

WO#: **2001129**

05-Feb-20

Specialty Analytical

Client: Maul Foster & Alongi

Project: Port of Ridgefield / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID **80 PPM ICAL** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **33874**

Client ID: **CCV** Batch ID: **15280** TestNo: **SW8270E** **SW 3510C** Analysis Date: **1/24/2020** SeqNo: **442877**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	93.6	1.00	80.00	0	117	80	120				
Benzo(g,h,i)perylene	91.5	1.00	80.00	0	114	80	120				
Benzo(k)fluoranthene	73.1	1.00	80.00	0	91.3	80	120				
Bis(2-ethylhexyl)phthalate	73.3	1.00	80.00	0	91.6	80	120				
Carbazole	69.1	1.00	80.00	0	86.4	80	120				
Chrysene	70.7	1.00	80.00	0	88.3	80	120				
Dibenz(a,h)anthracene	92.1	1.00	80.00	0	115	80	120				
Dibenzofuran	68.3	1.00	80.00	0	85.3	80	120				
Fluoranthene	75.0	1.00	80.00	0	93.7	80	120				
Fluorene	71.0	1.00	80.00	0	88.8	80	120				
Indeno(1,2,3-cd)pyrene	91.5	1.00	80.00	0	114	80	120				
Naphthalene	70.2	1.00	80.00	0	87.8	80	120				
Pentachlorophenol	81.6	1.50	80.00	0	102	80	120				
Phenanthrene	64.6	1.00	80.00	0	80.8	80	120				
Pyrene	72.8	1.00	80.00	0	90.9	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.

www.specialtyanalytical.com

Chain of Custody Record

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

Date: 1-15-2020 Page: 1 of: 3
Laboratory Project No (internal): 2001129
Project Name: Port of Ridgefield
Temperature on Receipt: 3.5 °C on ice
Client: MFA
Project No: 9003.01.28 PO No:
Custody Seal: Y / (N)
Address: 109 E 13th Street
Collected by: KO, MP
Intact / Broken Cooler / Bottle
City, State, Zip: Vancouver, WA 98660
State Collected: OR (WA) OTHER
Shipped Via: SM
Telephone: 3606942691
Report To (PM): Andy Vidourek
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)
AP Email: invoice Port of Ridgefield
PM Email: avidourek@maulfoster.com ; mpollock@maulfoster.com

#	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Port SVOC list (8270D)	Pentachlorophenol (8270D)	VOCs (8260B)	Tetrachlorophenol (8270D)	Dissolved Arsenic (6020)	Comments
1	MW29D011520	1-15-20	0837	GW	3			X			* dissolved arsenic was field-filtered.
2	MW47D011520		0921		3			X			
3	MW46D011520		0956		3			X			
4	MW46S011520		1042		1				X		
5	MW45D011520		1146		4		X		X		
6	MW45D011520-DUP		1146		4		X		X		
7	MW57S011520		1250		5	X		X		X	
8	MW57D011520		1341		5	X		X		X	
9	MW57D011520-DUP		1341		5	X		X		X	
10	MW56011520		1452		4		X	X			

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

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

Relinquished	Date/Time	Received	Date/Time
x Meaghan Blum	1-17-2020 1120	x	1-17-2020 11:20
x	1/17/2020 1530	x	1-17-2020 1530
x	Date/Time	x	Date/Time

www.specialtyanalytical.com

Specialty Analytical	9011 SE Jannsen Rd Clackamas, OR 97015 Phone: 503-607-1331 Fax: 503-607-1336	Chain of Custody Record	
		Date: 1-15-2020 Page: 2 of: 3	Laboratory Project No (internal): 2001129
		Project Name: Port of Ridgefield	Temperature on Receipt: 3.5 °C on ice
Client: MFA		Project No: 9003.01.25 PO No:	Custody Seal: Y / N
Address: 109 E 13th Street		Collected by: KO, MP	Intact / Broken Cooler / Bottle
City, State, Zip: Vancouver, WA 98660		State Collected: OR (WA) OTHER	Shipped Via: GM
Telephone: 360 694 2691		Report To (PM): Andy Vidourek	Sample Disposal: ☐ Return to client ☑ Disposal by lab (after 60 days)
AP Email: invoice Port of Ridgefield		PM Email: avidourek@maulfoster.com; mpollock@maulfoster.com	

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: Port SVOC list (8270D)	Pentachlorophenol (8270D)	VOCs (8260B)	Tetrachloroethene (8260B)	*Dissolved Arsenic (6020)	Comments
1	MW55D011520	1-15-20	1532	GW	5		X	X	X		*dissolved arsenic was field filtered.
2	MW61011520	"	1621	"	4		X	X			
3	~~MW~~USDFW1011620	1-16-20	0846		5		X	X	X		
4	MW55011620		0957		4		X	X			
5	MW55D011620		1041		5		X	X	X		
6	MW55S011620		1210		5	X		X	X		
7	MW62011620		1255		4		X	X			
8	RMW2D011620		1416		1		X				
9	RMW2S011620		1514		1		X				
10	MW63011620	"	1705	"	5	X		X	X		

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

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

Relinquished	Date/Time	Received	Date/Time
x Meeghan Fahn	1-17-2020 1120	x [signature]	1-17-2020 11:20
x [signature]	1/17/2020 1550	x [signature]	1-17-2020 1530
x		x	

www.specialtyanalytical.com

Chain of Custody Record

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

Date: 1-15-2020 Page: 3 of: 3
Laboratory Project No (internal): 2001129
Project Name: Port of Ridgefield
Temperature on Receipt: 3.5 °C on ice
Client: MFA
Project No: 9003.01.25 PO No:
Custody Seal: Y (N)
Address: 109 E 13th Street
Collected by: KO; MP
Intact / Broken Cooler / Bottle
City, State, Zip: Vancouver, WA 98660
State Collected: OR (WA) OTHER
Shipped Via: 2nd
Telephone: 360 694 2691
Report To (PM): Andy Vidounek
Sample Disposal: ☐ Return to client ☑ Disposal by lab (after 60 days)
AP Email: Invoice Port of Ridgefield
PM Email: avidounek@maulfoster.com ; mpollock@maulfoster.com

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests	Comments
1	Trip Blanks*	1-15-20	—	W	3		*hold trip blanks pending initial results
2							
3							
4							
5							
6							
7							
8							
9							
10							

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

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

Relinquished	Date/Time	Received	Date/Time
x Meghan Blum	1-17-2020 1120	x [signature]	1-17-2020 11:20
x [signature]	1/17/2020 1530	x K. J	1.17.2020 1530
x		x	

Katherine Lynch

From: Mary Benzinger <mbenzinger@maulfoster.com>
Sent: Friday, January 17, 2020 5:11 PM
To: Katherine Lynch; Meaghan Pollock
Cc: Andrew Vidourek
Subject: RE: POR Select List

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Katherine,
The "pentachloroethene" should be PCP or pentachlorophenol by 8270E.

Thank you for checking!

There are some additional samples that are tested for tetrachlorethene (PCE) by 8260D.

Mary Benzinger | MAUL FOSTER & ALONGI, INC.

c. 503 319 7132 | p. 971 544 2139
2001 NW 19th Avenue, Suite 200, Portland, OR 97209
www.maulfoster.com

From: Katherine Lynch <katherine@specialtyanalytical.com>
Sent: Friday, January 17, 2020 4:54 PM
To: Meaghan Pollock <mpollock@maulfoster.com>
Cc: Andrew Vidourek <avidourek@maulfoster.com>; Mary Benzinger <mbenzinger@maulfoster.com>
Subject: RE: POR Select List

[External Sender]

Thank you Meaghan.

Can you clarify for me what you are looking for regarding "Pentachloroethene" by 8270? Should this say Pentachloroethane by 8260 or Pentachlorophenol by 8270?

Also we will be running and reporting 8270E and 8260D as they are the current approved methods.

Best,

Katherine Lynch-Project Manager
Specialty Analytical
9011 SE Jannsen Road
Clackamas, OR 97015
503.607.1331

From: Meaghan Pollock [mailto:mpollock@maulfoster.com]
Sent: Friday, January 17, 2020 4:48 PM
To: 'Katherine Lynch'
Cc: Andrew Vidourek; Mary Benzinger
Subject: FW: POR Select List

Hi Katherine,

Please see Mary's email below and the attached SVOC list. Please let me know if you need any additional information.

Thank you,

MEAGHAN POLLOCK GIT | MAUL FOSTER & ALONGI, INC.

d. 360 947 2206 | c. 360 713 1500 | p. 360 694 2691 | f. 360 906 1958

109 East 13th Street, Vancouver, WA 98660
www.maulfoster.com

From: Mary Benzinger <mbenzinger@maulfoster.com>
Sent: Friday, January 17, 2020 4:46 PM
To: Meaghan Pollock <mpollock@maulfoster.com>
Subject: FW: POR Select List

We need ONLY the "A" analytes.

PCP is an 8270D analyte
PCE (tetrachloroethene) is an 8260C or 8260D analyte

Mary Benzinger | MAUL FOSTER & ALONGI, INC.

c. 503 319 7132 | p. 971 544 2139
2001 NW 19th Avenue, Suite 200, Portland, OR 97209
www.maulfoster.com

From: Julie Clay <julie@specialtyanalytical.com>
Sent: Tuesday, December 3, 2019 12:46 PM
To: Mary Benzinger <mbenzinger@maulfoster.com>
Cc: samantha@specialtyanalytical.com; Katherine Lynch <Katherine@specialtyanalytical.com>
Subject: POR Select List

[External Sender]

This is our reduced list of compounds. The analytes with an A represent the analytes that we will be reporting out. The S is for surrogate so you can ignore those. The analytes with an X are compounds that we can report, but will not unless instructed to do so.
Let us know if the "A" analytes cover what you need.

Thank you,

Julie Clay
Operations Manager
Specialty Analytical
503-607-1331

ATTACHMENT C

DATA QUALITY ASSURANCE AND QUALITY CONTROL REVIEW MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.28 | FEBRUARY 10, 2020 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected at the Former Pacific Wood Treating Co. Site in Ridgefield, Washington. The samples were collected on January 15 and 16, 2020.

Specialty Analytical (SA) performed the analyses. SA report number 2001129 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Dissolved Metals	USEPA 6020B
Semivolatile Organic Compounds	USEPA 8270E
Volatile Organic Compounds	USEPA 8260D

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

Samples Analyzed		
Report 2001129		
MW29D011520	MW57D011520	MW55D011620
MW47D011520	MW57D011520-DUP	MW55S011620
MW46D011520	MW56011520	MW62011620
MW46S011520	MW58D011520	RMW2D011620
MW45D011520	MW61011520	RMW2S011620
MW45D011520-DUP	USDFW1011620	MW63011620
MW57S011520	MW55011620	Trip Blanks (hold)

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2017a,b) 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.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

Trip Blanks

One trip blank was submitted with report 2001129 but was placed on hold and not analyzed for USEPA 8260D.

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. When MS/MSD percent recoveries and relative percent differences (RPDs) were outside acceptance limits because of high concentrations of analyte in the sample, and MS/MSD exceedances were flagged by the laboratory because of high concentrations of analyte, no qualifications were made by the reviewer.

In report 2001129, the USEPA 8260D batch R33810 MS (A2001088-001FMS) and MSD (A2001088-001FMSD) hexachlorobutadiene recoveries fell below the lower acceptance limit of 70 percent, at 16.5 percent and 13.7 percent, respectively. Additionally, the 1,2-dibromo-3-chloropropane recovery exceeded the upper acceptance limit of 130 percent, at 138 percent in the MSD. The source sample used to prepare the MS and MSD was prepared from a non-project-specific sample; thus, no qualifications were necessary.

In report 2001129, the USEPA 8260D batch R33827 MS (2001129-007BMS) and MSD (2001129-007BMSD) RPD exceeded the RPD control limit of 20 percent, at 38.1 percent for trichlorofluoromethane. Trichlorofluoromethane was not detected in the source sample; thus, no qualifications were necessary.

All remaining recoveries were within acceptance limits for percent recovery and RPDs.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. Laboratory duplicate results within five times the method reporting limit (MRL) were not evaluated for precision. All laboratory duplicate RPDs were within acceptance limits.

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. The LCS/LCSD samples were extracted and analyzed at the required frequency.

In report 2001129, the USEPA 8260D batch R33827 LCS (LCSW MSVWS-3030) bromomethane recovery exceeded the upper control limit of 120 percent, at 127 percent. Bromomethane was not detected in the associated samples; thus, no qualifications were necessary.

All remaining LCS/LCSD 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 (MW45D011520/MW45D011520-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.

In report 2001129, the USEPA 8260D batch R33827 CCV (Seq 442226) bromomethane recovery exceeded the upper control limit of 120 percent, at 127 percent. Bromomethane was not detected in the associated samples; thus, no qualifications were necessary.

All remaining CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

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

In report 2001129, the laboratory and project manager exchanged emails to update the chain of custody to accurately reflect the analyses needed. The emails are appended to the end of the laboratory report. No qualifications were necessary.

No additional errors 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), VI phase II (2018), and VI phase III (2019).

USEPA. 2017a. USEPA contract laboratory program, national functional guidelines for inorganic Superfund methods data review. EPA 540-R-2017-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

USEPA. 2017b. 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.

MAUL FOSTER ALONGI

400 East Mill Plain Blvd., Suite 400 | Vancouver, WA 98660 | 360 694 2691 | www.maulfoster.com

May 7, 2018
Project No. 9003.01.28

Mr. Craig Rankine
Washington State Department of Ecology
Vancouver Field Office
12121 NE 99th Street, Suite 2100
Vancouver, Washington 98682

Re: January 2018 groundwater monitoring for former Pacific Wood Treating Co. Site
Port of Ridgefield, Lake River Industrial Site
Agreed Order No. 01TCPSR-3119

Dear Mr. Rankine:

In January 2018, the Port of Ridgefield (Port) collected groundwater samples from monitoring well locations on the former Pacific Wood Treating Co. (PWT) Site. The PWT Site includes the Lake River Industrial Site (LRIS), which is owned by the Port. Samples were collected from point of compliance (POC) monitoring wells located on Cells 2 and 3 of the LRIS and on the Ridgefield National Wildlife Refuge (RNWR; just north of the LRIS), and were sent to Specialty Analytical, Inc., in Clackamas, Oregon, for analysis. The groundwater data from this sampling event are summarized below.

The attached figure shows the POC monitoring well locations, RNWR, Lake River, and portions of the LRIS referred to as Cells 1, 2, and 3. Table 1 summarizes the completion details for POC wells.

Groundwater monitoring results are discussed separately below for the two plumes on the PWT site. One of the plumes originates in Cells 1 and 2 of the LRIS and extends northwest under the RNWR and potentially beneath Lake River; the second plume is in Cell 3 of the LRIS, potentially extending beneath Lake River. The following are the sampling dates for the past six years, as described in the final Cleanup Action Plan (CAP):[1]

- August 2013 (completed)
- January 2014 (completed)
- August 2014 (completed)
- January 2015 (completed)
- August 2016 (completed)
- January 2018 (completed)

Now that six years of sampling (through January 2018) have been completed, Maul Foster & Alongi, Inc., recommends that the monitoring frequency for future events be based on its

[1] Ecology. Cleanup action plan, former Pacific Wood Treating Co. site. Prepared by the Washington State Department of Ecology, October 2013.

relevance to the concentrations of indicator hazardous substances (IHSs) and data trends present at each monitoring well.

SUMMARY

Port personnel conducted sampling on the PWT site during typical high water in January, using low-flow sampling techniques consistent with the CAP. Cell 2 and RNWR samples were collected in the shallow and deep portions of the upper water-bearing zone (UWBZ) and in the lower water-bearing zone. In Cell 3, groundwater samples were collected from the shallow and deep portions of the UWBZ.

Groundwater samples were analyzed, consistent with the CAP, for semivolatile organic compounds (SVOCs) by U.S. Environmental Protection Agency (USEPA) Method 8270D; for volatile organic compounds (VOCs) by USEPA 8260B; and/or for dissolved arsenic by USEPA Method 6020 (see Table 2).

ANALYTICAL RESULTS

Analytical results were compared to the cleanup levels (CULs) summarized in the CAP. These are Model Toxics Control Act Method B CULs, except for arsenic results, which are compared to Method A CULs. The Method A CUL for arsenic is based on natural background concentrations in groundwater in Washington State.

The January 2018 laboratory analytical reports and a data quality assurance and quality control (QA/QC) review memorandum are included as Attachments A and B, respectively. Data QA/QC results indicate that data are acceptable for their intended use, with the appropriate data qualifiers assigned. The VOC and SVOC analytical tables discussed below summarize only analytes with historical or current exceedances of a CUL. Groundwater analytical tables showing all historical data are included in the remedial investigation and feasibility study report for the PWT site.[2]

Cells 1 and 2 Plume

The Cells 1 and 2 plume POC monitoring wells are located along the bank of Lake River to the west and in the RNWR near Carty Lake to the north. The plume generally flows westward toward Lake River, but the shallow portion of the UWBZ has a northerly component. Tables 3 through 5 summarize analytical results for the 2018 sampling event and include past sampling results. The following analytes exceeded their respective CULs in samples collected during January 2018:

- Pentachlorophenol (PCP)

[2] MFA. Final remedial investigation and feasibility study, former Pacific Wood Treating Co. site. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington, July 1, 2013.

- Noncarcinogenic polycyclic aromatic hydrocarbons
  - Carbazole, dibenzofuran, 1-methylnaphthalene, and 2-methylnaphthalene
- VOCs
  - 1,2.4-trimethylbenzene, benzene, naphthalene, tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride
- Dissolved arsenic

Three of the 13 POC wells (MW-61, USDFW-1, and RMW-2S) did not have compounds that exceeded a CUL. Concentrations of IHSs in these wells have been consistently below CULs or non-detect.

Four of the 13 POC wells (RMW-2D, MW-55, MW-56, and MW-62) did not have VOCs that exceeded a CUL. Concentrations of VOCs in these wells have consistently been stable with a decreasing trend, below CULs, or non-detect.

The remaining wells in Cells 1 and 2 show that IHSs in groundwater are generally stable or decreasing (see Tables 3 through 5). However, untypical IHS detections were identified in five wells:

- MW-55S—Dibenzofuran and 1-methylnaphthalene were detected in 2018 samples at concentrations that are elevated as compared with past detections. Other IHSs in this well show stable concentrations or have decreased to non-detect or to concentrations below CULs (i.e., PCP, benzene, and naphthalene).
- MW-55D—The PCP detection in 2018 was elevated compared to recent samples, but was similar to the 2010 detection. VOCs are typically detected in groundwater from this well; however, in 2018 vinyl chloride was detected at a concentration above the CUL. The vinyl chloride detection likely reflects degradation of PCE/TCE.
- MW-57S—The PCP detection in 2018 was elevated in comparison to past detections. Although PCP was higher than the previous event's results, all other analytes were stable or decreasing.
- MW-62—The PCP detection in 2018 was elevated in comparison to past detections. Although PCP was higher than the previous event results, all other analytes were stable or decreasing.
- MW-63—The only PCP detections in this well were found during the initial sampling in 2012 and again in 2018. 2018 was also the first detection and CUL exceedance of PCE. All other VOCs, SVOCs, and arsenic have been below CULs and/or non-detect throughout the monitoring program.

These untypical results will be monitored and evaluated in future sampling events.

Cell 3 Plume

The POC wells for the Cell 3 plume are located along the bank of Lake River and near the southeast LRIS property boundary. The plume generally flows westward, toward Lake River. PCP, PCE, and arsenic are the IHSs in the Cell 3 plume. The January 2018 results show generally stable or decreasing trends (see Table 6). Note that for this sampling event, the arsenic concentration in MW-46S was below CULs for the first time, and in MW-47D the PCE concentration is the lowest that it has ever been during the monitoring program.

RECOMMENDATION

Based on the stable and declining trends of IHSs on the LRIS from August 2013 through January 2018, the Port requests that the POC well sampling schedule for most wells be extended to a five-year interval, with the next scheduled sampling event to be conducted in January 2023. The January 2018 sample results do not represent a significant change from the previous six events spanning 2013 through 2018, indicating that the remedial action has created generally stable or declining trends for IHSs in groundwater throughout the site.

As discussed above, there were untypical results in five monitoring wells (MW-55S, MW-55D, MW-57S, MW-62, and MW-63), and it is recommended that these five wells be sampled every two and half years. The next event would be in August 2020, followed by January 2023, and would allow the Port to further evaluate the untypical detections. See Table 7 for the updated monitoring schedule.

Please contact me if there are any questions regarding this letter.

Sincerely,

Maul Foster & Alongi, Inc.

ANDREW W. VIDOUREK

Andrew W. Vidourek, LG
Project Geologist

Attachments: Limitations
Tables 1 through 7
Figure
A—Laboratory Analytical Report
B—Data Quality Assurance and Quality Control Review Memorandum

cc: Laurie Olin, Port of Ridgefield

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

TABLES

Table 1
POC Monitoring Well Completion Details
Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Point	Coordinates		Measuring Point Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Total Depth Drilled (ft bgs)	Total Depth Casing (ft bgs)	Sump Interval (ft bgs)	Screened Interval (ft bgs)	Filter Pack Interval (ft bgs)	Secondary Filter Pack Interval (ft bgs)	Surface Seal (ft bgs)	Borehole Diameter (inches)	Well Diameter (inches)	Drilling Method	Date of Installation	Lithologic Unit Screened
	Northing	Easting														
Upper Water-Bearing Zone																
Shallow Upper Water-Bearing Zone																
MW-46S	184843.90	1066565.10	15.33	19.65	25.5	15	25 - 25.5	15 - 25	13 - 25.5	--	0 - 13	10.25	2	HSA	Jul-04	Alluvium
MW-55S	185715.9599	1066288.645	26.88	24.27	31.3	30	30.9 - 30.4	20.9 - 30.9	18.0 - 31.3	--	0 - 18.0	6	2	Sonic	Aug-10	Alluvium
MW-57S	185715.4938	1066288.473	26.88	24.35	30.0	17	27 - 27.5	17 - 27	15 - 30	--	0 - 15	8	2	Sonic	Jun-08	Alluvium
RMW-2S	186524.851	1066680.832	16.66	13.39	15.0	5	--	5 - 15	4 - 15	--	3 - 4	10.25	2	HSA	Nov-00	Gravel
Deep Upper Water-Bearing Zone																
MW-29D	184616.22	1066953.26	25.42	23.23	53.5	43	53-53.5	43-53	40-53.5	--	0-40	8	2	Becker	Aug-04	Gravel
MW-45D	185011.82	1066517.56	22.16	20.42	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-46D	184839.34	1066567.00	14.18	19.52	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-47D	184558.46	1066722.03	19.56	19.95	53.5	41	51 - 51.5	41 - 51	39.5 - 51.5	--	2 - 39.5	10.25	2	HSA	Jul-04	Gravel
MW-55D	185768.717	1066133.905	27.10	24.44	80.0	78.3	75.0 - 75.5	65.0 - 75.0	63.0 - 76.0	59.0 - 63.0	0 - 59.0	6	2	Sonic	Aug-10	Alluvium
MW-57D	185719.5269	1066292.568	26.45	24.21	80.0	74.9	74.4 - 75.9	64.4 - 74.4	65.1 - 77.9	--	3 - 65.1	8	2	Sonic	Jun-08	Gravel
MW-58D	186013.7436	1066028.897	27.73	24.32	75.0	64.3	74.3 - 74.8	64.3 - 74.3	62.5 - 75.0	--	2 - 62.5	8	2	Sonic	Jun-08	Gravel
USDFW-1	186325.7682	1066660.526	15.35	10.76	22.7	12.2	--	12.2 - 22.2	11.1 - 22.7	9.8 - 11.1	0 - 9.8	10.25	2	HSA	Oct-01	Gravel
RMW-2D	186528.3044	1066680.006	17.24	13.44	31.5	19.5	--	19.5 - 29.5	17.5 - 31.5	--	3 - 17.5	10.25	2	HSA	Nov-00	Gravel
Lower Water-Bearing Zone																
MW-55	185758.1565	1066145.061	27.88	24.90	112.3	89	99 - 99.5	89 - 99	86 - 100.3	--	2 - 86.0	8	2	Sonic	Jun-08	Troutdale
MW-56	186004.4964	1066031.162	26.48	23.84	120.0	103	113 - 113.5	103 - 113	100.4 - 116	--	2 - 100.4	8	2	Sonic	Jun-08	Troutdale
MW-61	186698.58	1065859.148	18.298	15.79	104.5	104.5	102.0 - 102.5	92.0 - 102.0	90.5 - 103	--	0 - 90.5	6	2	Sonic	Aug-10	Troutdale
MW-62	185309.338	1066390.093	27.439	24.631	121.0	117.8	114.6 - 115.1	104.6 - 114.6	102.0 - 116.5	96.0 - 102.0	0 - 96.0	6	2	Sonic	Aug-10	Troutdale
MW-63	186802.255	1066287.113	17.12	15.14	116.0	115.5	115.0 - 115.5	105.0 - 115.0	102.0 - 115.5	--	0 - 102.0	8	2	Sonic	Sep-12	Troutdale

NOTES:
-- = not available or not applicable.
Becker = DR-24 air rotary.
ft bgs = feet below ground surface.
ft NGVD = feet National Geodetic Vertical Datum of 1927/1947.
HSA = hollow-stem auger.
POC = point of compliance.
Sonic = rotosonic.

Table 2
POC Monitoring Wells and Analytical Testing Summary
Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis		
		SVOCs by USEPA 8270D	Arsenic by USEPA 6020	VOCs by USEPA 8260B
LWBZ				
MW-55	x	PCP only		x
MW-56	x	x		x
MW-61	x	x		x
MW-62	x	PCP only		PCE only
MW-63	x	x	x	x
UWBZ				
Shallow UWBZ				
MW-46S	x		x	
MW-55S	x	x	x	x
MW-57S	x	x	x	x
RMW-2s	x	PCP only		
Deep UWBZ				
MW-29D	x			PCE only
MW-45D	x	PCP only		PCE only
MW-46D	x			PCE only
MW-47D	x			PCE only
MW-55D	x	PCP only	x	x
MW-57D	x	x	x	x
MW-58D	x	PCP only	x	x
USDFW-1	x	PCP only	x	x
RMW-2d	x	PCP only		
Surface Water				
CL-3	x			
River Gauge	x			

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

IHS = indicator hazardous substance.

LWBZ = lower water-bearing zone.

only = Only wells with consistent IHS detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

PCE = tetrachloroethene.

PCP = pentachlorophenol.

POC = point of compliance.

SVOC = semivolatile organic compound.

USEPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = The action or analysis is to be conducted during each monitoring event.

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
Cell 2 Monitoring Wells (UWBZ)								
MW-55S	08/20/2010	MW55S082010	4.74	**3.47**	**2490**	1 U	1 U	1 U
	01/14/2011	MW55S011411	3.37	0.34	**1900**	1 U	1 U	1 U
	08/08/2011	MW55S080811	4.09	0.3 U	**938**	1 U	1 U	1 U
	01/12/2012	MW55S011212	4.3	0.32	**718**	1 U	1 U	1 U
	08/13/2013	MW-55S-20130813-GW	1 U	0.32	134	1 U	1 U	1 U
	01/24/2014	MW55S012414	1.1	0.3 U	**176**	1 U	1 U	1 U
	07/23/2014	MW55S072314	1 U	0.3 U	115	1 U	1 U	1 U
	01/15/2015	MW55S011515	1.09	0.3 U	**310**	1 U	1 U	1 U
	08/11/2016	MW55S081116	1.22	0.3 U	**179**	1 U	1 U	1 U
	01/09/2018	MW555010918	1.58	0.3 U	121	1 U	1 U	1 U
MW-55D	09/07/2010	MW55D090710	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2011	MW55D011411	1 U	**3.81**	1 U	**5.98**	**3.06**	1 U
	08/08/2011	MW55D080811	1 U	0.4	1 U	**7.2**	**3.52**	1 U
	01/12/2012	MW55D011212	1 U	**4.18**	1.3 J	**14.7**	**4.07**	1 U
	08/13/2013	MW-55D-20130813-GW	1 U	**8.1**	1.59	**7.2**	**7.72**	1 U
	01/24/2014	MW55D012414	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/23/2014	MW55D072314	1 U	**3.13**	1 U	**3.34**	**1.54**	1 U
	01/15/2015	MW55D011515	1.1	**4.23**	2.3	**4.22**	**2.28**	1 U
	08/11/2016	MW55D081116	1 U	**2.48**	26	**4.23**	**2.81**	1 U
	01/09/2018	MW55D010918	1 U	**4.83**	2.98	**5.43**	**4.48**	**2.23**
MW-57S	08/15/2008	MW57S081508	**529**	**2.0**	**17700**	1 U	1 U	1 U
	10/06/2008	MW-57S100608	**561**	**1.65**	**27200**	1 U	1 U	1 U
	01/27/2009	MW57S012709	**463**	**1.4**	**17000**	1 U	1 U	1 U
	04/07/2009	MW57S040709	**223**	**1.4**	**11100**	1 U	1 U	1 U
	08/06/2009	MW57S080609	**497**	**2.32**	**13100**	1 U	1 U	1 U
	01/13/2010	MW57S011310	**813**	0.64	**16300**	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
	08/12/2010	MW57S081210	**567**	**2.08**	**16600**	1 U	1 U	1 U
	01/14/2011	MW57S011411	**816**	**2.13**	**22800**	1 U	1 U	1 U
	08/25/2011	MW57S082511	**541**	**1.76**	**18700**	1 U	1 U	1 U
MW-57S	01/11/2012	MW57S011112	**478**	**1.44**	**19200**	1 U	1 U	1 U
	08/13/2013	MW-57S-20130813-GW	**140**	**1.26**	**1640**	1 U	1 U	1 U
	01/22/2014	MW57S012214	**527**	**1.39**	**20800**	1 U	1 U	1 U
	07/23/2014	MW57S072314	**413**	**1.8**	**11800**	1 U	1 U	1 U
	01/14/2015	MW57S011415	**464**	**1.4**	**19900**	1 U	1 U	1 U
	08/12/2016	MW57S081216	**229**	0.79	**13800**	1 U	1 U	1 U
	01/09/2018	MW575010918	**370**	**1.11**	**23300**	1 U	1 U	1 U
MW-57D	08/14/2008	MW57D081508	1 U	**33.7**	141 B	**102**	**13.5**	**3.89**
	10/06/2008	MW-57D100608	1 U	**29.1**	77.3	**117 B**	**13.6**	**3.41**
dup	10/06/2008	MW-57D100608-Dup	1 U	**32.6**	118	**104 B**	**12.4**	**5.07**
	01/27/2009	MW57D012709	1 U	**28.3**	98.8	**76.9**	**11.4**	**4.42**
dup	01/27/2009	MW57D012709-Dup	1 U	**27.7**	104	**75.2**	**11.7**	**4.29**
	04/07/2009	MW57D040709	1 U	**32.4**	51.6	**76.6**	**13.5**	**4.38**
dup	04/07/2009	MW57D040709-Dup	1 U	**33.3**	66.3	**77.4**	**14.1**	**4.65**
	08/06/2009	MW57D080609	2.2	**28.1**	94.1	**82.0**	**11.7**	**1.52**
	01/13/2010	MW57D011310	1 U	**33.6**	96.4	**97.6**	**14.4**	**5.6**
dup	01/13/2010	MW57D011310-Dup	1 U	**31.6**	131	**91.1**	**13.3**	**6**
	08/12/2010	MW57D081210	1 U	**31.3**	134	**98.3**	**16.6**	**4.2**
dup	08/12/2010	MW57D081210-Dup	1 U	**25.4**	107	**71.0**	**12.8**	**3.26**
	01/14/2011	MW57D011411	1 U	**30.6**	**161**	**103**	**14.2**	**3.52**
dup	01/14/2011	MW57DDUP011411	1 U	**32.5**	**177**	**113**	**14.5**	**3.73**
	08/25/2011	MW57D082511	1 U	**27.1**	128	**87.4**	**14.2**	**4.55**
dup	08/25/2011	MW57DDUP082511	1 U	**28.7**	132	**93.5**	**14.5**	**5.03**
	01/11/2012	MW57D011112	1 U	**31.0**	125	**97.0**	**12.6**	**7.61**

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
dup	01/11/2012	MW57DDUP011112	1 U	**29.2**	133	**90.7**	**11.8**	**3.53**
	08/13/2013	MW-57D-20130813-GW	1 U	**5.79**	2.22	1 U	**2.33**	1 U
dup	08/13/2013	MW-57D-20130813-GW-DUP	1 U	**5.3**	1.91	1 U	**2.09**	1 U
	01/22/2014	MW57D012214	1.84	**16.1**	**302**	**42**	**7.13**	**1.55**
dup	01/22/2014	MW57DDUP012214	2.05	**17.2**	**288**	**44.8**	**7.64**	**2.04**
MW-57D	07/23/2014	MW57D072314	1.11	**25.6**	143	**65.6**	**11.8**	1 U
dup	07/23/2014	MW57DDUP072314	1.05	**26.7**	145	**66**	**12.1**	1 U
	01/14/2015	MW57D011415	1.22	**19.4**	**175**	**53.3**	**9.31**	**1.78**
dup	01/14/2015	MW57DDUP011415	1.3	**20.7**	**177**	**55**	**10**	**2.17**
	08/12/2016	MW57D081216	1 U	**14.5**	**203**	**31.6**	**6.85**	**1.78**
dup	08/12/2016	MW57DDUP081216	1 U	**14.7**	**194**	**31.1**	**7**	**1.98**
	01/09/2018	MW57D010918	1.38	**15.3**	**213**	**29.2**	**7.36**	**1.94**
dup	01/09/2018	MW57DDUP010918	1.32	**14.5**	**240**	**26.8**	**6.87**	**1.78**
MW-58D	08/13/2008	MW58D081308	1 U	**6.69**	1 U	1 U	1 U	1 U
	10/08/2008	MW-58D100808	1 U	**9.62**	1 U	1 U	1 U	1 U
	01/27/2009	MW58D012709	1 U	**8.15**	1 U	1 U	1 U	1 U
	04/07/2009	MW58D040709	1 U	**6.62**	1 U	1 U	1 U	1 U
	08/06/2009	MW58D080609	1 U	**10.3**	1 U	1 U	1 U	1 U
	01/14/2010	MW58D011410	1 U	**16.1**	1 U	1 U	1 U	1 U
	08/12/2010	MW58D081210	1 U	**13.6**	1 U	1 U	1 U	1 U
	01/19/2011	MW58D011911	1 U	**19.5**	1 U	1 U	1 U	1 U
	08/26/2011	MW58D082611	1 U	**18.3**	1 U	1 U	1 U	1 U
	01/13/2012	MW58D011312	1 U	**26.2**	1 U	1 U	1 U	1 U
	08/13/2013	MW-58D-20130813-GW	1 U	**8.63**	1 U	1 U	1 U	1 U
	01/23/2014	MW58D012314	1 U	**10.5**	1 U	1 U	1 U	1 U
	07/24/2014	MW58D072414	1 U	**10.4**	1 U	1 U	1 U	1 U
	01/15/2015	MW58D011515	1 U	**15.2**	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
	08/11/2016	MW58D081116	1 U	**8.43**	1 U	1 U	1 U	1 U
	01/10/2018	MW58D011018	1 U	**3.19**	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (UWBZ)								
USDFW-1	10/24/2003	USDFW-1-102403	6.3	**4.3**	**170**	**1.1**	**7.5**	**1.5**
	05/04/2004	USDFW1-050404	3	**3**	95	0.50 U	**3.9**	**1.4**
	08/13/2004	USDFW1-081304	2.0 U	**3.2**	37	**1.1**	**1.8**	**1**
	10/25/2004	USDFW1-102504	2.0 U	**1.6**	50	0.50 U	**2.5**	**1.2**
	01/28/2005	USDFW1012805	1 U	**1.43**	31.8	1 U	**1.42**	**1.15**
	07/28/2005	USDFW1072805	1 U	**1.1**	4.68	1 U	1 U	0.2 U
USDFW-1	02/01/2006	USDFW1020106	1 U	0.43	1 U	1 U	1 U	**1.41**
	08/11/2006	USDFW1081106	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/22/2007	USDFW1012207	1 U	0.55	1 U	1 U	1 U	**1.15**
	08/27/2007	USDFW1082707	1 U	0.41	1 U	1 U	1 U	1 U
	01/28/2008	USDFW1012808	1 U	0.4	1 U	1 U	1 U	1 U
	08/21/2008	USDW1082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	USDFW1020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	USDFW1080709	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/28/2010	USDFW1012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	USDFW1082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	USDFW1012611	1 U	0.3 U	1 U	1 U	**2.07**	1 U
	09/06/2011	USDFW1090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	USDFW1012512	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2012	USDFW1080712	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/14/2013	USDFW-1-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/27/2014	USDFW1012714	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/21/2014	USDFW1072114	1 U	0.3 U	8.74	1 U	1 U	1 U
	01/13/2015	USDFW1011315	1 U	0.3 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
	08/12/2016	USDFW1081216	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/11/2018	USDFW1011118	1 U	0.3 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	RMW2S082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	10/09/2008	RMW2S100908	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	RMW2S020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/08/2009	RMW2S040809	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	RMW2S080709	1 U	0.3 U	1 U	1 U	**1.12**	1 U
	01/28/2010	RMW2S012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	RMW2S082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	RMW2S012611	1 U	0.3 U	1 U	1 U	1 U	1 U
RMW-2S	09/06/2011	RMW2S090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	RMW2S012512	1 U	0.3 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	RMW2D082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	10/09/2008	RMW2D100908	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	RMW2D020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/08/2009	RMW2D040809	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	RMW2D080709	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/28/2010	RMW2D012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	RMW2D082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	RMW2D012611	1 U	0.3 U	1 U	1 U	1 U	1 U
	09/06/2011	RMW2D090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	RMW2D012512	1 U	0.3 U	1 U	1 U	1 U	1 U
Cell 2 Monitoring Wells (LWBZ)								
MW-55	08/14/2008	MW55081408	1 U	0.3 U	1 U	**5.91**	**4.66**	1 U
	10/03/2008	MW55100308	1 U	0.3 U	1 U	**6.04**	**5.19**	1 U
	01/27/2009	MW55012709	1 U	0.3 U	1 U	**4.81**	**3.96**	1 U
	04/07/2009	MW55040709	1 U	0.3 U	1 U	**3.55**	**4.12**	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
	08/06/2009	MW55080609	1 U	0.3 U	1 U	**3.4**	**3.68**	1 U
	01/14/2010	MW55011410	1 U	0.3 U	1 U	**3.75**	**4.05**	1 U
	08/12/2010	MW55081210	1 U	0.3 U	1 U	**5.16**	**5.03**	1 U
	01/14/2011	MW55011411	1 U	0.3 U	1 U	**4.79**	**3.77**	1 U
	08/08/2011	MW55080811	1 U	0.3 U	1 U	**2.91**	**3.12**	1 U
	01/12/2012	MW55011212	1 U	0.3 U	1 U	**3.94**	**3.02**	1 U
	08/13/2013	MW-55-20130813-GW	1 U	0.3 U	1 U	**2.2**	**2.21**	1 U
	01/24/2014	MW55012414	1 U	0.3 U	1 U	**2.26**	**1.75**	1 U
	07/23/2014	MW55072314	1 U	0.3 U	1 U	**1.94**	**2.03**	1 U
	01/15/2015	MW55011515	1 U	0.3 U	1 U	**1.8**	**1.68**	1 U
	08/11/2016	MW55081116	1 U	0.3 U	1 U	1 U	**1.06**	1 U
	01/09/2018	MW55010918	1 U	0.3 U	14.1	1 U	1 U	1 U
MW-56	08/21/2008	MW56082108	1 U	0.3 U	1 U	1 U	**1.04**	1 U
	10/08/2008	MW-56100808	1 U	0.3 U	1.98	1 U	1 U	1 U
	01/27/2009	MW56012709	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/07/2009	MW56040709	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/06/2009	MW56080609	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2010	MW56011410	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2010	MW56081210	1 U	0.3 U	1 U	1 U	**1.01**	1 U
	01/19/2011	MW56011911	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2011	MW56	1 U	0.3 U	1 U	1 U	1.08	1 U
	01/13/2012	MW56011312	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/13/2013	MW-56-20130813-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW56012314	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/24/2014	MW56072414	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/15/2015	MW56011515	1 U	0.3 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
	08/11/2016	MW56081116	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/10/2018	MW56011018	1 U	0.3 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	MW62090810	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2011	MW62011411	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/25/2011	MW62082511	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/11/2012	MW62011112	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2012	MW62080712	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/13/2013	MW-62-20130813-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/22/2014	MW62012214	--	--	--	1 U	--	--
	07/22/2014	MW62072314	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/13/2015	MW62011415	--	--	--	1 U	--	--
	08/15/2016	MW62081516	--	--	--	1 U	--	--
	01/09/2018	MW62010918	--	--	--	1 U	--	--
RNWR Monitoring Wells (LWBZ)								
MW-61	09/03/2010	MW61090310	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/24/2011	MW61012411	1 U	0.3 U	1 U	1 U	1 U	1 U
MW-61	09/02/2011	MW61090211	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/24/2012	MW61012412	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/06/2012	MW61080612	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/14/2013	MW-61-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW61012314	1 U	0.3 U	3.45	1 U	1 U	1 U
	07/22/2014	MW61072214	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/12/2015	MW61011215	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2016	MW61081216	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/05/2018	MW61010518	1 U	0.3 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			24	0.8	160	0.081	0.42	0.029
MW-63	09/20/2012	MW63-W-110.0	0.5 U	0.3 U	1 U	1 U	0.3 U	0.3 U
	08/14/2013	MW-63-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW63012314	1 U	0.3 U	1.67	1 U	1 U	1 U
	07/22/2014	MW63072214	1 U	0.3 U	2.5	1 U	1 U	1 U
	01/12/2015	MW63011215	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2016	MW63081216	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/05/2018	MW63010518	1 U	0.3 U	1 U	**5.26**	1 U	1 U

NOTES:

Bold indicates detected concentration that exceeds MTCA Method B groundwater cleanup level.

-- = not analyzed.

B = Blank exhibited positive result greater than reporting limit for this compound.

dup = duplicate sample.

J = Result for analyte is estimated concentration.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
Cell 2 Monitoring Wells (UWBZ)												
MW-55S	08/20/2010	MW55S082010	1.43 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/14/2011	MW55S011411	**2.61**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/08/2011	MW55S080811	1.44 U	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/12/2012	MW55S011212	1.44 U	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	MW-55S-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/24/2014	MW55S012414	1.42 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	--	0.943 UJ	0.943 UJ	0.943 UJ	ND
	07/23/2014	MW55S072314	1.42 U	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/15/2015	MW55S011515	LE	LE	LE	LE	LE	--	LE	LE	LE	--
	08/11/2016	MW55S081116	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	MW555010918	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
MW-55D	09/07/2010	MW55D090710	**632**	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U	ND
	01/14/2011	MW55D011411	**185**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/08/2011	MW55D080811	7.15 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	01/12/2012	MW55D011212	**364**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/13/2013	MW-55D-20130813-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/24/2014	MW55D012414	**17.9**	--	--	--	--	--	--	--	--	--
	07/23/2014	MW55D072314	**262**	--	--	--	--	--	--	--	--	--
	01/15/2015	MW55D011515	**163**	--	--	--	--	--	--	--	--	--
	08/11/2016	MW55D081116	**259**	--	--	--	--	--	--	--	--	--
	01/09/2018	MW55D010918	**605**	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	MW57S081508	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/06/2008	MW-57S100608	**2.84**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/27/2009	MW57S012709	**3.52**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	MW57S040709	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	08/06/2009	MW57S080609	**12**	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	01/13/2010	MW57S011310	**1.87**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2010	MW57S081210	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2011	MW57S011411	**1.46**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/25/2011	MW57S082511	1.45 U	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U	ND
	01/11/2012	MW57S011112	1.44 U	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/13/2013	MW-57S-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	MW57S012214	**6.89**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	07/23/2014	MW57S072314	**1.7**	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U	ND
	01/14/2015	MW57S011415	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/12/2016	MW57S081216	**6.46**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/09/2018	MW575010918	**21.5**	0.472 U	0.472 U	0.472 U	0.472 U	--	0.472 U	0.472 U	0.472 U	ND
MW-57D	08/14/2008	MW57D081508	**8220**	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	10/06/2008	MW-57D100608	**4800**	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
dup	10/06/2008	MW-57D100608-Dup	**4080**	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	01/27/2009	MW57D012709	**3900**	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
dup	01/27/2009	MW57D012709-Dup	**4480**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
	04/07/2009	MW57D040709	**3700**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	04/07/2009	MW57D040709-Dup	**3640**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/06/2009	MW57D080609	**2690**	0.649 U	0.649 U	0.649 U	0.649 U	--	0.649 U	0.649 U	0.649 U	ND
MW-57D	01/13/2010	MW57D011310	**3640**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
dup	01/13/2010	MW57D011310-Dup	**3580**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	MW57D081210	**4160**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
dup	08/12/2010	MW57D081210-Dup	**3700**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/14/2011	MW57D011411	**4800**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
dup	01/14/2011	MW57DDUP011411	**4480**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/25/2011	MW57D082511	**1820**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
dup	08/25/2011	MW57D082511-Dup	**2430**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/11/2012	MW57D011112	**3180**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
dup	01/11/2012	MW57DDUP011112	**2700**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/13/2013	MW-57D-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
dup	08/13/2013	MW-57D-20130813-GW-DUP	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/22/2014	MW57D012214	**1700**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
dup	01/22/2014	MW57DDUP012214	**4200 J**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	07/23/2014	MW57D072314	**2910**	0.152 U	0.158 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.481 U	ND
dup	07/23/2014	MW57DDUP072314	**2980**	0.152 U	0.158 U	0.336 U	0.186 U	--	0.201 U	0.467 U	0.481 U	ND
	01/14/2015	MW57D011415	**2000 J**	0.942 U	0.942 U	0.942 U	0.942 U	--	0.942 U	0.942 U	0.942 U	ND
dup	01/14/2015	MW57DDUP011415	**4000 J**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	MW57D081216	**1640**	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
dup	08/12/2016	MW57DDUP081216	**1620**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/09/2018	MW57D010918	**1020**	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND
dup	01/09/2018	MW57DDUP010918	**1100**	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
MW-58D	08/13/2008	MW58D081308	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	10/08/2008	MW-58D100808	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/27/2009	MW58D012709	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	MW58D040709	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	08/06/2009	MW58D080609	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	MW58D011410	**5.33**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2010	MW58D081210	**2.73**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/19/2011	MW58D011911	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/26/2011	MW58D082611	1.44 U	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	01/13/2012	MW58D011312	1.43 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
	08/13/2013	MW-58D-20130813-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/23/2014	MW58D012314	**0.838**	--	--	--	--	--	--	--	--	--
	07/24/2014	MW58D072414	0.473 U	--	--	--	--	--	--	--	--	--
	01/15/2015	MW58D011515	0.473 U	--	--	--	--	--	--	--	--	--
	08/11/2016	MW58D081116	0.472 U	--	--	--	--	--	--	--	--	--
	01/10/2018	MW58D011018	0.471 U	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
RNWR Monitoring Wells (UWBZ)												
USDFW-1	10/24/2003	USDFW-1-102403	**4**	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U	ND
	05/04/2004	USDFW1-050404	**3.1**	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	08/13/2004	USDFW1-081304	**26**	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U	ND
	10/25/2004	USDFW1-102504	0.96 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U	ND
	01/28/2005	USDFW1012805	0.189 U	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U	ND
	07/28/2005	USDFW1072805	0.19 U	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U	ND
USDFW-1	02/01/2006	USDFW1020106	**5.67**	0.965 U	0.965 U	0.965 U	0.965 U	--	0.965 U	0.965 U	0.965 U	ND
	08/11/2006	USDFW1081106	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/22/2007	USDFW1012207	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/27/2007	USDFW1082707	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/28/2008	USDFW1012808	1.42 U	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	08/21/2008	USDW1082108	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	02/03/2009	USDFW1020309	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	USDFW1080709	1.41 U	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U	ND
	01/28/2010	USDFW1012810	1.52 U	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	08/26/2010	USDFW1082610	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	01/26/2011	USDFW1012611	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	USDFW1090611	1.43 U	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/25/2012	USDFW1012512	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2012	USDFW1080712	0.474 U	--	--	--	--	--	--	--	--	--
	08/14/2013	USDFW-1-20130814-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/27/2014	USDFW1012714	0.471 U	--	--	--	--	--	--	--	--	--
	07/21/2014	USDFW1072114	0.476 U	--	--	--	--	--	--	--	--	--
	01/13/2015	USDFW1011315	0.469 U	--	--	--	--	--	--	--	--	--
	08/12/2016	USDFW1081216	0.473 U	--	--	--	--	--	--	--	--	--
	01/11/2018	USDFW1011118	0.47 U	--	--	--	--	--	--	--	--	--
RMW-2S	08/21/2008	RMW2S082108	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	10/09/2008	RMW2S100908	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	02/03/2009	RMW2S020309	1.42 U	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	04/08/2009	RMW2S040809	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/07/2009	RMW2S080709	**7.06**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	01/28/2010	RMW2S012810	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/26/2010	RMW2S082610	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/26/2011	RMW2S012611	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	RMW2S090611	1.43 U	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	01/25/2012	RMW2S012512	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/07/2012	RMW2S080712	**2.28**	--	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2S-20130814-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/27/2014	RMW2S012714	0.473 U	--	--	--	--	--	--	--	--	--
	07/21/2014	RMW2S072114	**3.13**	--	--	--	--	--	--	--	--	--
	01/13/2015	RMW2S011315	0.471 U	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
	08/12/2016	RMW2S081216	0.474 U	--	--	--	--	--	--	--	--	--
	01/10/2018	RMW25011018	0.473 U	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	RMW2D082108	1.44 U	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U	ND
	10/09/2008	RMW2D100908	**5.89**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	RMW2D020309	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	04/08/2009	RMW2D040809	**3.93**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	08/07/2009	RMW2D080709	**7.26**	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U	ND
	01/28/2010	RMW2D012810	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/26/2010	RMW2D082610	**3.53**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
RMW-2D	01/26/2011	RMW2D012611	**1.74**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	09/06/2011	RMW2D090611	**3.04**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	RMW2D012512	**1.83**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/07/2012	RMW2D080712	**2.21**	--	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2D-20130814-GW	**3.55**	--	--	--	--	--	--	--	--	--
	01/27/2014	RMW2D012714	**5.26**	--	--	--	--	--	--	--	--	--
	07/21/2014	RMW2D072114	**2.93**	--	--	--	--	--	--	--	--	--
	01/13/2015	RMW2D011315	0.471 U	--	--	--	--	--	--	--	--	
	08/12/2016	RMW2D081216	0.484 U	--	--	--	--	--	--	--	--	--
	01/10/2018	RMW20011018	**2.23**	--	--	--	--	--	--	--	--	--
Cell 2 (LWBZ)												
MW-55	08/14/2008	MW55081408	**828**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	10/03/2008	MW55100308	**448**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/27/2009	MW55012709	**485**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U	ND
	04/07/2009	MW55040709	**410**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	MW55080609	**418**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/14/2010	MW55011410	**293**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/12/2010	MW55081210	**632**	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2011	MW55011411	**544**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U	ND
	08/08/2011	MW55080811	7.13 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/12/2012	MW55011212	**253**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/13/2013	MW-55-20130813-GW	**419**	--	--	--	--	--	--	--	--	--
	01/24/2014	MW55012414	**781**	--	--	--	--	--	--	--	--	--
	07/23/2014	MW55072314	**293**	--	--	--	--	--	--	--	--	--
	01/15/2015	MW55011515	**322**	--	--	--	--	--	--	--	--	
	08/11/2016	MW55081116	**187**	--	--	--	--	--	--	--	--	--
	01/09/2018	MW55010918	**297**	--	--	--	--	--	--	--	--	--
MW-56	08/21/2008	MW56082108	**23.1**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	10/08/2008	MW-56100808	**18.7**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	01/27/2009	MW56012709	**26.9**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	04/07/2009	MW56040709	**27.6**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/06/2009	MW56080609	**33.2**	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/14/2010	MW56011410	**10.1**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
	08/12/2010	MW56081210	**31.9**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/19/2011	MW56011911	**23.3**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	08/26/2011	MW56082611	**26.1**	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U	ND
	01/13/2012	MW56011312	**11.5**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	08/13/2013	MW-56-20130813-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/23/2014	MW56012314	**49.8**	--	--	--	--	--	--	--	--	--
	07/24/2014	MW56072414	**32.3**	--	--	--	--	--	--	--	--	--
	01/15/2015	MW56011515	**20.6**	--	--	--	--	--	--	--	--	
	08/11/2016	MW56081116	**31.5**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	01/10/2018	MW56011018	**33.9**	0.478 U	0.478 U	0.478 U	0.478 U	--	0.478 U	0.478 U	0.478 U	ND
MW-62	09/08/2010	MW62090810	**22.4**	0.985 U	0.985 U	0.985 U	0.985 U	--	0.985 U	0.985 U	0.985 U	ND
	01/14/2011	MW62011411	**10.7**	1.24	1.07	0.951 U	1.41	--	1.29	1.04	0.989	**1.60**
	08/25/2011	MW62082511	1.43 U	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	01/11/2012	MW62011112	**13.4**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U	ND
	08/07/2012	MW62080712	0.477 U	--	--	--	--	--	--	--	--	--
	08/13/2013	MW-62-20130813-GW	0.5 U	--	--	--	--	--	--	--	--	--
	01/22/2014	MW62012214	**31.3**	--	--	--	--	--	--	--	--	--
	07/22/2014	MW62072314	**16**	--	--	--	--	--	--	--	--	--
	01/13/2015	MW62011415	**17**	--	--	--	--	--	--	--	--	--
	08/15/2016	MW62081516	**39.9**	--	--	--	--	--	--	--	--	--
	01/09/2018	MW62010918	**68.4**	--	--	--	--	--	--	--	--	--
RNWR Monitoring Well (LWBZ)												
MW-60	09/03/2008	MW60090308	**94.5**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	10/09/2008	MW601000908	**68.9**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	02/03/2009	MW60020309	**51**	0.989	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	04/08/2009	MW60040809	**91.2**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U	ND
	08/07/2009	MW60080709	**57.5**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	01/28/2010	MW60012810	**70.2**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U	ND
	08/25/2010	MW60082510	**72.2**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U	ND
	01/24/2011	MW60012411	**80.4**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/06/2011	MW60090611	**94.4**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/25/2012	MW60012512	**90.6**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U	ND
MW-61	09/03/2010	MW61090310	1.51 U	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U	ND
	01/24/2011	MW61012411	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	09/02/2011	MW61090211	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U	ND
	01/24/2012	MW61012412	1.44 U	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U	ND
	08/06/2012	MW61080612	0.476 U	--	--	--	--	--	--	--	--	--
	08/14/2013	MW-61-20130814-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	MW61012314	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U	ND
	07/22/2014	MW61072214	0.475 U	--	--	--	--	--	--	--	--	--
	01/12/2015	MW61011215	0.473 U	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs								TEQ cPAHs
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene	
MTCA Method B Groundwater Cleanup Level			0.73	NV	NV	NV	NV	NV	NV	NV	NV	0.012
MW-63	08/12/2016	MW61081216	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U	ND
	01/05/2018	MW61010518	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	--	0.474 U	0.474 U	0.474 U	ND
	09/20/2012	MW63-W-110.0	**1.97 J**	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	--	1.03 UJ	1.03 UJ	1.03 UJ	ND
	08/14/2013	MW-63-20130814-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	ND
	01/23/2014	MW63012314	1.43 U	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U	ND
	07/22/2014	MW63072214	1.41 U	0.152 U	0.157 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.48 U	ND
	01/12/2015	MW63011215	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U	ND
	08/12/2016	MW63081216	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U	ND
	01/05/2018	MW63010518	**1.79**	0.473 U	0.473 U	0.473 U	0.473 U	--	0.473 U	0.473 U	0.473 U	ND

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
Cell 2 Monitoring Wells (UWBZ)														
MW-55S	08/20/2010	MW55S082010	**51.5**	**325**	**248**	202	0.953 U	5.00	0.953 U	1.22	**43.5**	1.03	42.4	**582**
	01/14/2011	MW55S011411	**64.6**	**390**	**214**	267	0.953 U	4.05	0.953 U	0.953 U	**61.2**	0.953 U	50.9	**625**
	08/08/2011	MW55S080811	**41**	**262**	**66.1**	95.8	0.96 U	2.61	0.96 U	0.96 U	**41.7**	0.96 U	33.8	**322**
	01/12/2012	MW55S011212	**61.7**	**235**	**102**	139	0.957 U	2.78	0.957 U	0.957 U	**54.1**	0.957 U	53.3	**262**
	08/13/2013	MW-55S-20130813-GW	**68.9**	**446**	**128**	230	1 U	5.35	1 U	1 U	**48**	1.66	62.7	**221**
	01/24/2014	MW55S012414	**41.7 J**	**898 J**	**47.9 J**	529 J	0.943 UJ	3.76 J	0.943 UJ	0.943 UJ	**23.9 J**	0.962 J	35.9 J	39.4 J
	07/23/2014	MW55S072314	**66**	**452**	**65.6**	242	0.946 U	5.45	0.946 U	0.946 U	**39.4**	1.9	61.7	50.9
	01/15/2015	MW55S011515	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE	LE
	08/11/2016	MW55S081116	**90**	**427**	**71.1**	245	0.945 U	8.78	0.945 U	0.945 U	**54.5**	2.29	76	77.6
	01/09/2018	MW555010918	**101**	**445**	**57.2**	259	1.01	8.49	0.474 U	0.474 U	**51.5**	2.46	83.9	89
MW-55D	09/07/2010	MW55D090710	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	01/14/2011	MW55D011411	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2011	MW55D080811	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/12/2012	MW55D011212	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/13/2013	MW-55D-20130813-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	MW55D012414	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	MW55D072314	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	MW55D011515	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	MW55D081116	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	MW55D010918	--	--	--	--	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	MW57S081508	**76.4**	**479**	**765**	185	5.87	6.89	0.955 U	0.955 U	**132**	2.68	61.4	**7040**
	10/06/2008	MW-57S100608	**539**	**833**	**222**	5.34	7.76	0.945 U	0.945 U	**80.8**	**61.3**	2.98	53.5	**12300**
	01/27/2009	MW57S012709	**71.0**	**452**	**760**	212	0.945 U	8.88	0.945 U	1.64	**90.3**	3.84	61.3	**7260**
	04/07/2009	MW57S040709	**67.9**	**422**	**662**	161	5.36	7.51	0.949 U	0.949 U	**129**	2.97	54.4	**10700**
	08/06/2009	MW57S080609	**71.4**	**407**	**757**	169	6.69	7.91	0.958 U	0.958 U	**199**	3.98	72	**10300**
	01/13/2010	MW57S011310	**86.4**	**714**	**667**	196	5.64	8.50	0.948 U	0.948 U	**154**	3.26	67.6	**11100**
	08/12/2010	MW57S081210	**64.6**	**469**	**784**	180	5.24	10.7	0.948 U	0.948 U	**152**	3.54	50.7	**9680**
	01/14/2011	MW57S011411	**68.8**	**706**	**1150**	201	6.16	9.32	0.954 U	0.954 U	**149**	3.94	56.3	**12700**
	08/25/2011	MW57S082511	0.964 U	**369**	**588**	142	4.37	0.964 U	0.964 U	0.964 U	**64.2**	2.64	36.4	**4380**
	01/11/2012	MW57S011112	**84.5**	**354**	**628**	175	5.73	8.43	0.958 U	0.958 U	**111**	3.65	63.6	**6150**
	08/13/2013	MW-57S-20130813-GW	**57.7**	**438**	**535**	167	3.69	5.78	1 U	1 U	**140**	2.53	45.2	**6630**
	01/22/2014	MW57S012214	**128**	**532**	**893**	301	8.47	16.9	0.95 U	0.95 U	**216**	5.11	87.2	**16400**
	07/23/2014	MW57S072314	**70.6**	**351**	**593**	178	4.88	8.39	0.946 U	0.946 U	**123**	2.93	58	**5360**
	01/14/2015	MW57S011415	**53**	**460**	**660**	230	5.96	12.1	0.948 U	0.948 U	**186**	4.59	52.1	**5600**
	08/12/2016	MW57S081216	**68.6**	**367**	**597**	142	4.3	8.76	0.95 U	0.95 U	**129**	3.31	50.9	**3940**
	01/09/2018	MW575010918	**98.5**	**453**	**718**	212	4.7	10.4	0.472 U	0.472 U	**163**	4.46	73.9	**9320**
MW-57D	08/14/2008	MW57D081508	4.21	**2.97**	1 U	1 U	1 U	1 U	1 U	1 U	**8.39**	1 U	1 U	39
	10/06/2008	MW-57D100608	3.45	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**8.95**	**4.54**	0.961 U	0.961 U	51.9
dup	10/06/2008	MW-57D100608-Dup	4.00	1.17	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	**10.7**	**5.70**	0.961 U	0.961 U	62.0
	01/27/2009	MW57D012709	5.12	**3.00**	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	**9.85**	0.943 U	0.943 U	41.1
dup	01/27/2009	MW57D012709-Dup	5.15	**3.45**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.7**	0.95 U	0.95 U	52.9

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
	04/07/2009	MW57D040709	3.54	**2.40**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**7.49**	0.95 U	0.95 U	37.3
dup	04/07/2009	MW57D040709-Dup	4.44	**3.14**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**8.40**	0.95 U	0.95 U	48.5
	08/06/2009	MW57D080609	3.32	**2.13**	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U	**9.07**	0.649 U	0.649 U	33.6
MW-57D	01/13/2010	MW57D011310	3.96	**2.36**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.32**	0.947 U	0.947 U	49.1
dup	01/13/2010	MW57D011310-Dup	4.08	**2.34**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**9.39**	0.947 U	0.947 U	48.9
	08/12/2010	MW57D081210	5.09	**2.73**	1.04	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**10.3**	0.948 U	0.948 U	49.3 B
dup	08/12/2010	MW57D081210-Dup	3.95	**2.05**	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**8.30**	0.947 U	0.947 U	45.4 B
	01/14/2011	MW57D011411	7.62	**3.93**	1.27	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	**13.3**	0.953 U	0.953 U	84.7
dup	01/14/2011	MW57DDUP011411	5.8	**3.21**	1.07	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	**10.1**	0.951 U	0.951 U	74.6
	08/25/2011	MW57D082511	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	**7.86**	0.952 U	0.952 U	35.7
dup	08/25/2011	MW57D082511-Dup	4.14	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	**8.27**	0.955 U	0.955 U	38.8
	01/11/2012	MW57D011112	4.81	**1.87**	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	**10.3**	0.95 U	0.95 U	44.6
dup	01/11/2012	MW57DDUP011112	4.38	**1.7**	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	**9.49**	0.948 U	0.948 U	41.3
	08/13/2013	MW-57D-20130813-GW	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.38
dup	08/13/2013	MW-57D-20130813-GW-DUP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.45
	01/22/2014	MW57D012214	0.946 U	**1.84 J**	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	2.43 J	0.946 U	0.946 U	48.5 J
dup	01/22/2014	MW57DDUP012214	1.81	**6.77 J**	2.51	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	**5.11 J**	0.947 U	0.947 U	**245 J**
	07/23/2014	MW57D072314	5.24	**3.58**	1.83	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**10**	0.944 U	0.944 U	55.7
dup	07/23/2014	MW57DDUP072314	4.59	**3.37**	1.72	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.1**	0.945 U	0.945 U	54.6
	01/14/2015	MW57D011415	4.27 J	**2.09 J**	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	0.942 U	**10.9**	0.942 U	0.942 U	33.7
dup	01/14/2015	MW57DDUP011415	8.48 J	**17.8 J**	3.41	12.1 J	0.947 U	0.947 U	0.947 U	0.947 U	**13.5**	0.947 U	3.5 J	50.7
	08/12/2016	MW57D081216	5.12	**3.98**	1.07	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	**11.6**	0.944 U	0.944 U	80.9
dup	08/12/2016	MW57DDUP081216	4.28	**3.69**	1.05	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	**10.8**	0.945 U	0.945 U	78.9
	01/09/2018	MW57D010918	1.28	1.2	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	2.38 J	0.473 U	0.473 U	21
dup	01/09/2018	MW57DDUP010918	2.44	**1.86**	0.483	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	4.05 J	0.474 U	0.474 U	25.2
MW-58D	08/13/2008	MW58D081308	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	10/08/2008	MW-58D100808	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.07
	01/27/2009	MW58D012709	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/07/2009	MW58D040709	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/06/2009	MW58D080609	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	MW58D011410	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2010	MW58D081210	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/19/2011	MW58D011911	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/26/2011	MW58D082611	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/13/2012	MW58D011312	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/13/2013	MW-58D-20130813-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	MW58D012314	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	MW58D072414	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	MW58D011515	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	MW58D081116	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	MW58D011018	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
RNWR Monitoring Wells (UWBZ)														
USDFW-1	10/24/2003	USDFW-1-102403	4.9	--	1.1	3.9	0.16	0.36	0.098 U	--	**17**	0.098 U	3.4	120
	05/04/2004	USDFW1-050404	4.4	--	0.39	3.6	0.13	0.4	0.096 U	--	**18**	0.096 U	3.1	87
	08/13/2004	USDFW1-081304	4.4	--	0.19	2.3	0.11 U	0.38	0.11 U	--	**14**	0.11 U	2.4	28
	10/25/2004	USDFW1-102504	2.7	--	0.18	2.1	0.096 U	0.32	0.096 U	--	**7.3**	0.096 U	2.3	39
	01/28/2005	USDFW1012805	1.35	**2.2**	0.0679	1.48	0.0923	0.968	0.0189 U	**13**	**5.46**	0.0189 U	1.77	21.1
	07/28/2005	USDFW1072805	1.3	**0.883**	0.0476 U	1.35	0.0943 U	0.156	0.019 U	**15**	0.22	0.019 U	1.36	2.53
USDFW-1	02/01/2006	USDFW1020106	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	0.965 U	5.69	0.965 U	0.965 U	0.965 U	0.965 U
	08/11/2006	USDFW1081106	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	2.73	2.51	0.951 U	0.951 U	0.951 U
	01/22/2007	USDFW1012207	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	2.08	0.948 U	0.948 U	0.948 U
	08/27/2007	USDFW1082707	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.70	0.946 U	0.946 U	0.946 U
	01/28/2008	USDFW1012808	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.51	0.95 U	0.95 U	0.95 U
	08/21/2008	USDW1082108	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	02/03/2009	USDFW1020309	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	USDFW1080709	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/28/2010	USDFW1012810	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	08/26/2010	USDFW1082610	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2011	USDFW1012611	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	USDFW1090611	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/25/2012	USDFW1012512	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	USDFW1080712	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	USDFW-1-20130814-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	USDFW1012714	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	USDFW1072114	--	--	--	--	--	--	--	--	--	--	--	--
	01/13/2015	USDFW1011315	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	USDFW1081216	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/2018	USDFW1011118	--	--	--	--	--	--	--	--	--	--	--	--
RMW-2S	08/21/2008	RMW2S082108	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	1 U
	10/09/2008	RMW2S100908	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	02/03/2009	RMW2S020309	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	04/08/2009	RMW2S040809	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2009	RMW2S080709	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/28/2010	RMW2S012810	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/26/2010	RMW2S082610	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/26/2011	RMW2S012611	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	RMW2S090611	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/25/2012	RMW2S012512	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	RMW2S080712	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2S-20130814-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	RMW2S012714	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	RMW2S072114	--	--	--	--	--	--	--	--	--	--	--	--
	01/13/2015	RMW2S011315	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
	08/12/2016	RMW2S081216	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	RMW25011018	--	--	--	--	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	RMW2D082108	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	0.961 U	1 U
	10/09/2008	RMW2D100908	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	RMW2D020309	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	04/08/2009	RMW2D040809	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	RMW2D080709	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	01/28/2010	RMW2D012810	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/26/2010	RMW2D082610	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
RMW-2D	01/26/2011	RMW2D012611	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/06/2011	RMW2D090611	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	RMW2D012512	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/07/2012	RMW2D080712	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2D-20130814-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/27/2014	RMW2D012714	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/2014	RMW2D072114	--	--	--					--				--
	01/13/2015	RMW2D011315	--	--	--	--	--	--	--	--	--	--	--	--
	08/12/2016	RMW2D081216	--	--	--	--	--	--	--	--	--	--	--	--
	01/10/2018	RMW20011018	--	--	--	--	--	--	--	--	--	--	--	--
Cell 2 (LWBZ)														
MW-55	08/14/2008	MW55081408	1.39	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	10/03/2008	MW55100308	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	1.35	0.954 U	0.954 U	0.954 U
	01/27/2009	MW55012709	1.38	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U	1.47
	04/07/2009	MW55040709	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	MW55080609	1.1	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	1.26
	01/14/2010	MW55011410	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2010	MW55081210	1.34	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2011	MW55011411	1.39	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/08/2011	MW55080811	1.2	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2012	MW55011212	1.04	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/13/2013	MW-55-20130813-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/24/2014	MW55012414	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/2014	MW55072314	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	MW55011515	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	MW55081116	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	MW55010918	--	--	--	--	--	--	--	--	--	--	--	--
MW-56	08/21/2008	MW56082108	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	10/08/2008	MW-56100808	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	2.05
	01/27/2009	MW56012709	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/07/2009	MW56040709	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	MW56080609	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	MW56011410	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
	08/12/2010	MW56081210	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/19/2011	MW56011911	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2011	MW56082611	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/13/2012	MW56011312	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2013	MW-56-20130813-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/23/2014	MW56012314	--	--	--	--	--	--	--	--	--	--	--	--
	07/24/2014	MW56072414	--	--	--	--	--	--	--	--	--	--	--	--
	01/15/2015	MW56011515	--	--	--	--	--	--	--	--	--	--	--	--
	08/11/2016	MW56081116	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/10/2018	MW56011018	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U	0.478 U
MW-62	09/08/2010	MW62090810	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U
	01/14/2011	MW62011411	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.19	1.02	1.14	1.1	1.25	0.951 U	0.951 U
	08/25/2011	MW62082511	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/11/2012	MW62011112	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/07/2012	MW62080712	--	--	--	--	--	--	--	--	--	--	--	--
	08/13/2013	MW-62-20130813-GW	--	--	--	--	--	--	--	--	--	--	--	--
	01/22/2014	MW62012214	--	--	--	--	--	--	--	--	--	--	--	--
	07/22/2014	MW62072314	--	--	--	--	--	--	--	--	--	--	--	--
	01/13/2015	MW62011415	--	--	--	--	--	--	--	--	--	--	--	--
	08/15/2016	MW62081516	--	--	--	--	--	--	--	--	--	--	--	--
	01/09/2018	MW62010918	--	--	--	--	--	--	--	--	--	--	--	--
RNWR Monitoring Well (LWBZ)														
MW-60	09/03/2008	MW60090308	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/09/2008	MW601000908	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	MW60020309	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	04/08/2009	MW60040809	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/07/2009	MW60080709	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/28/2010	MW60012810	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/25/2010	MW60082510	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/24/2011	MW60012411	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	MW60090611	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	MW60012512	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-61	09/03/2010	MW61090310	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	01/24/2011	MW61012411	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/02/2011	MW61090211	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/24/2012	MW61012412	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/06/2012	MW61080612	--	--	--	--	--	--	--	--	--	--	--	--
	08/14/2013	MW-61-20130814-GW	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	MW61012314	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	07/22/2014	MW61072214	--	--	--					--				--
	01/12/2015	MW61011215	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Noncarcinogenic PAHs											
			Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(ghi) perylene	Bis(2-ethylhexyl) phthalate	Carbazole	Fluoranthene	Fluorene	Naphthalene
MTCA Method B Groundwater Cleanup Level			32	1.5	32	960	NV	4800	NV	6.3	4.4	640	640	160
	08/12/2016	MW61081216	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	MW61010518	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U	0.474 U
MW-63	09/20/2012	MW63-W-110.0	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
	08/14/2013	MW-63-20130814-GW	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	01/23/2014	MW63012314	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	07/22/2014	MW63072214	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/12/2015	MW63011215	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U	0.947 UJ	0.947 U
	08/12/2016	MW63081216	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/05/2018	MW63010518	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U	0.473 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold number indicates detected concentration that exceeds cleanup level.

-- = not analyzed.

B = Blank exhibited positive result greater than reporting limit for this compound.

cPAH = carcinogenic polycyclic aromatic hydrocarbon.

dup = duplicate sample.

J = Result for this analyte is estimated concentration.

LE = no results available due to laboratory error.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

ND = no cPAH detections.

NV = no value.

PAH = polycyclic aromatic hydrocarbon.

RNWR = Ridgefield National Wildlife Refuge.

TEQ cPAHs = toxicity equivalent cPAHs. If one or more of the seven cPAHs are detected in the groundwater sample, TEQ is calculated using appropriate toxicity equivalent factors. If a certain cPAH analyte has not been detected in groundwater at the site, then a value of "0" is used for non-detects of that specific cPAH analyte. Other analytes that historically have been detected on the property but that are not detected in a certain event are summed using half of the method reporting limit. For groundwater samples that do not detect any cPAH analytes, "ND" is entered as the value.

U = not detected at or above the method reporting limit (note that, starting in July 2014, cPAHs are reported to the method detection limit).

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
Cell 2 Monitoring Wells (UWBZ)			
MW-55S	08/20/2010	MW55S082010	**35**
	01/14/2011	MW55S011411	**36.7**
	08/08/2011	MW55S080811	**36.5**
	01/12/2012	MW55S011212	**47**
	08/13/2013	MW-55S-20130813-GW	**66.4**
	01/24/2014	MW55S012414	**63.2**
	07/23/2014	MW55S072314	**60.7**
	01/15/2015	MW55S011515	**64.9**
	08/11/2016	MW55S081116	**54**
	01/09/2018	MW555010918	**57.7**
MW-55D	09/07/2010	MW55D090710	**7.4**
	01/14/2011	MW55D011411	**9.18**
	08/08/2011	MW55D080811	**8**
	01/12/2012	MW55D011212	**5.62**
	08/13/2013	MW-55D-20130813-GW	0.951
	01/24/2014	MW55D012414	0.436
	07/23/2014	MW55D072314	**16.4**
	01/15/2015	MW55D011515	**14.5**
	08/11/2016	MW55D081116	**12**
	01/09/2018	MW55D010918	**11.6**
MW-57S	08/15/2008	MW57S081508	**41**
	10/06/2008	MW-57S100608	**17**
	01/27/2009	MW57S012709	**23**
	04/07/2009	MW57S040709	**46**
	08/06/2009	MW57S080609	**51**
	01/13/2010	MW57S011310	**61**
	08/12/2010	MW57S081210	**40**
	01/14/2011	MW57S011411	**38.5**
	08/25/2011	MW57S082511	**36.9**
	01/11/2012	MW57S011112	**40.8**
	08/13/2013	MW-57S-20130813-GW	**60.3**
	01/22/2014	MW57S012214	**82.3**
	07/23/2014	MW57S072314	**72.4**
	01/14/2015	MW57S011415	**81.1**
	08/12/2016	MW57S081216	**71**
	01/09/2018	MW575010918	**71.8**
MW-57D	08/14/2008	MW57D081508	**19**
	10/06/2008	MW-57D100608	**6.8**
dup	10/06/2008	MW-57D100608-Dup	**8.8**
	01/27/2009	MW57D012709	**11**
dup	01/27/2009	MW57D012709-Dup	**11**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
	04/07/2009	MW57D040709	**17**
dup	04/07/2009	MW57D040709-Dup	**17**
	08/06/2009	MW57D080609	**21**
	01/13/2010	MW57D011310	**21**
dup	01/13/2010	MW57D011310-Dup	**22**
MW-57D	08/12/2010	MW57D081210	**19**
dup	08/12/2010	MW57D081210-Dup	**14**
	01/14/2011	MW57D011411	**18.6**
dup	01/14/2011	MW57DDUP011411	**17.6**
	08/25/2011	MW57D082511	**20.4**
dup	08/25/2011	MW57DDUP082511	**21**
	01/11/2012	MW57D011112	**20.3**
dup	01/11/2012	MW57DDUP011112	**22.4**
	08/13/2013	MW-57D-20130813-GW	**28.6**
dup	08/13/2013	MW-57D-20130813-GW-DUP	**30**
	01/22/2014	MW57D012214	**34**
dup	01/22/2014	MW57DDUP012214	**34.4**
	07/23/2014	MW57D072314	**25.7**
dup	07/23/2014	MW57DDUP072314	**25.3**
	01/14/2015	MW57D011415	**24.3**
dup	01/14/2015	MW57DDUP011415	**24.6**
	08/12/2016	MW57D081216	**22.1**
dup	08/12/2016	MW57DDUP081216	**22.1**
	01/09/2018	MW57D010918	**23.6**
dup	01/09/2018	MW57DDUP010918	**23.4**
MW-58D	08/13/2008	MW58D081308	**7.3**
	10/08/2008	MW-58D100808	**6.9**
	01/27/2009	MW58D012709	**10**
	04/07/2009	MW58D040709	**11**
	08/06/2009	MW58D080609	**14**
	01/14/2010	MW58D011410	**13**
	08/12/2010	MW58D081210	**10**
	01/19/2011	MW58D011911	**2.72**
	08/26/2011	MW58D082611	**10.3**
	01/13/2012	MW58D011312	**10.7**
	08/13/2013	MW-58D-20130813-GW	**13.4**
	07/24/2014	MW58D072414	**13.2**
	01/15/2015	MW58D011515	**12.5**
	08/11/2016	MW58D081116	**10.5**
	01/10/2018	MW58D011018	**12.1**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
RNWR Monitoring Wells (UWBZ)			
USDFW-1	05/04/2004	USDFW1-050404	5 U
	08/13/2004	USDFW1-081304	5 U
	10/25/2004	USDFW1-102504	5 U
	01/28/2005	USDFW1012805	2.5 U
	07/28/2005	USDFW1072805	2.5 U
	02/01/2006	USDFW1020106	1.9
	08/11/2006	USDFW1081106	1.8
	01/22/2007	USDFW1012207	2.4
	08/27/2007	USDFW1082707	2.6
	01/28/2008	USDFW1012808	1.9
	08/21/2008	USDW1082108	1.8
	02/03/2009	USDFW1020309	1.6
	08/07/2009	USDFW1080709	1.9
	01/28/2010	USDFW1012810	1.9
	08/26/2010	USDFW1082610	2.2
	01/26/2011	USDFW1012611	1.79
	09/06/2011	USDFW1090611	2.04
	01/25/2012	USDFW1012512	1.59
	08/07/2012	USDFW1080712	1.79
	08/14/2013	USDFW-1-20130814-GW	2.1
	05/04/2004	USDFW2-050404	**7.9**
	08/13/2004	USDFW2-081304	**9.3**
	10/25/2004	USDFW2-102504	**9**
	01/28/2005	USDFW2012805	**23.3**
	07/28/2005	USDFW2072805	**9.03**
	02/01/2006	USDFW2020106	**6.5**
	08/11/2006	NS	NS
	01/22/2007	USDFW2012207	**11**
	08/27/2007	USDFW2082707	**11**
	01/28/2008	USDFW2012808	**9.2**
	05/04/2004	USDFW3-050404	**11.1**
	08/13/2004	USDFW3-081304	**15.1**
	10/25/2004	USDFW3-102504	**13.6**
	01/28/2005	USDFW3012805	**13.2**
	07/28/2005	USDFW3072805	**13.7**
	02/01/2006	USDFW3020106	**8.4**
	08/11/2006	USDFW3081106	**14**
	01/22/2007	USDFW3012207	**14**
	08/27/2007	USDFW3082707	**15**
	01/28/2008	USDFW3012808	**12**
	01/27/2014	USDFW1012714	1.8
	07/21/2014	USDFW1072114	1.98

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
	01/13/2015	USDFW1011315	1.72
	08/12/2016	USDFW1081216	1.49
	01/11/2018	USDFW1011118	1.64
RNWR Monitoring Wells (LWBZ)			
MW-63	09/20/2012	MW63-W-110.0	0.17
	08/14/2013	MW-63-20130814-GW	0.854
	01/23/2014	MW63012314	0.1 U
	07/22/2014	MW63072214	0.281
	01/12/2015	MW63011215	0.1 U
	08/12/2016	MW63081216	0.1 U
	01/05/2018	MW63010518	0.1 U

NOTES:

Bold indicates detected concentration that exceeds MTCA Method A groundwater cleanup level.

dup = duplicate sample.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

NS = not sampled.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
Shallow UWBZ					
MW-46S	07/27/2004	MW48-072704	**32.6**	--	--
	10/21/2004	MW48-102104	**31.8**	--	--
	01/20/2005	MW46S012005	**47.1**	--	--
	04/26/2005	MW46S042705	**12.0**	--	--
	07/19/2005	MW46S072005	**51.2**	--	--
	10/19/2005	MW46S101905	**11**	--	--
	01/19/2006	MW46S011906	**37**	--	--
	04/27/2006	MW46S042706	**35**	--	--
	08/03/2006	MW46S080306	**40**	--	--
	10/25/2006	MW46S102506	**52**	--	--
	01/11/2007	MW46S011107	**56**	--	--
	04/11/2007	MW46S041107	**44**	--	--
	08/08/2007	MW46S080807	**42**	--	--
	01/11/2008	MW46S011108	**38**	--	--
	08/08/2008	MW46S080808	**53**	--	--
	01/20/2009	MW46S012309	**18**	--	--
	08/04/2009	MW46S080409	**43**	--	--
	01/08/2010	MW46S010810	**32**	--	--
	08/24/2011	MW46S082411	**24.1**	--	--
	08/08/2012	MW46S080812	**21.7**	--	--
	08/12/2013	MW-46S-20130812-GW	**20.8**	--	--
	01/22/2014	MW46S012214	**20.1**	--	--
	07/22/2014	MW46S072214	**39.4**	--	--
	01/14/2015	MW46S011415	**14.5**	--	--
	08/15/2016	MW46S081516	**28.5**	--	--
	01/08/2018	MW465010818	2.65	--	--
Deep UWBZ					
MW-29	08/06/2002	GW-123	--	**28**	--
	01/22/2004	MW29-012204	--	**27**	--
	04/30/2004	MW29-043004	--	**21**	--
MW-29D	10/21/2004	MW29R-102104	--	**17**	--
	01/19/2005	MW29D011905	--	**18.8**	--
	04/26/2005	MW29D042605	--	**20.1**	--
	07/19/2005	MW29D071905	--	**13.4 J**	--
	10/18/2005	MW29D101805	--	**9.12**	--
	01/18/2006	MW29D011806	--	**11.6**	--
	04/26/2006	MW29D042606	--	**13.7**	--
	08/01/2006	MW29D080106	--	**6.51**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
	10/24/2006	MW29D102406	--	**18.8**	--
	01/09/2007	MW29D010907	--	**18.5**	--
MW-29D	04/10/2007	MW29D041007	--	**5.61**	--
	08/07/2007	MW29D080707	--	**15.2**	--
	01/10/2008	MW29D011008	--	**15.1**	--
	08/07/2008	MW29D080708	--	**4.60**	--
	01/20/2009	MW29D012109	--	**11.1**	--
	08/03/2009	MW29D080309	--	**9.84**	--
	01/07/2010	MW29D010710	--	**12.1**	--
	08/22/2011	MW29D082211	--	**9.85**	--
	01/26/2012	MW29D012612	--	**8.73**	--
	08/08/2012	MW29D080812	--	**3.87**	--
	08/12/2013	MW-29D-20130812-GW	--	**2.26**	--
	01/21/2014	MW29D012114	--	**2.56**	--
	07/22/2014	MW29D072214	--	**2.01**	--
	01/12/2015	MW29D011215	--	**1.8**	--
	08/15/2016	MW29D081516	--	1 U	--
	01/08/2018	MW29D010818	--	**5.92**	--
MW-45D	07/26/2004	MW45-072604	--	**6.3**	**120**
	10/21/2004	MW45-102104	--	**6.8**	**120 J**
	01/20/2005	MW45D012005	--	**5.68**	**24.2**
	04/26/2005	MW45D042705	--	**6.78**	**105**
dup	04/26/2005	MW45D042705-Dup	--	**6.36**	**114**
	07/19/2005	MW45D072005	--	**4.96 J**	**81**
	10/21/2005	MW45D102105	--	**2.06**	**64.5**
dup	10/21/2005	MW45D102105-DUP	--	**2.14**	**56.3**
	01/19/2006	MW45D011906	--	1 U	**47.0**
	04/28/2006	MW45D042806	--	**3.52**	**61.8**
dup	04/28/2006	MW45D042806-Dup	--	**3.36**	**72.9**
	08/03/2006	MW45D080306	--	1 U	**75.2**
dup	08/03/2006	MW45D080306-Dup	--	1 U	**84.0**
	10/25/2006	MW45D102506	--	**5.04**	**72.0**
dup	10/25/2006	MW45D102506-Dup	--	**5.24**	**58.8**
	01/10/2007	MW45D011007	--	**5.14**	**38.2**
dup	01/10/2007	MW45D011007-Dup	--	**4.98**	**38.1**
	04/11/2007	MW45D041107	--	1 U	**35.9**
dup	04/11/2007	MW45D041107-Dup	--	1 U	**28.6**
	08/08/2007	MW45D080807	--	1 U	**36.7**
	01/11/2008	MW45D011108	--	**4.51**	**70.1**
	08/08/2008	MW45D080808	--	1 U	**34.9**

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
	01/20/2009	MW45D012209	--	**3.16**	**40.2**
dup	01/20/2009	MW45D012209-Dup	--	**3.2**	**45.3**
	08/04/2009	MW45D080409	--	**3.08**	**53.0**
MW-45D	01/07/2010	MW45D010710	--	**3.65**	**35.5**
	08/24/2011	MW45D082411	--	**5.75**	**19.4**
dup	08/24/2011	MW45D082411-Dup	--	**5.7**	**50.6**
	08/08/2012	MW45D080812	--	**5.66**	**29**
dup	08/08/2012	MW45DDUP080812	--	**6.3**	**30.5**
	08/12/2013	MW-45D-20130812-GW	--	**3.03 J**	0.5 UJ
dup	08/12/2013	MW-45D-20130812-GW-DUP	--	**1.07 J**	**3.44**
	01/22/2014	MW45D012214	--	**3.59**	**34.8**
dup	01/22/2014	MW45DDUP012214	--	**3.48**	**37.2**
	07/22/2014	MW45D072214	--	**4.47**	**21.5**
dup	07/22/2014	MW45DDUP072214	--	**3.68**	**22.4**
	01/14/2015	MW45D011415	--	**3.79**	**16.2**
dup	01/14/2015	MW45DDUP011415	--	**3.64**	**18.7**
	08/15/2016	MW45D081516	--	**1.45**	**9.96**
dup	08/15/2016	MW45DDUP081516	--	**1.53**	**9.2**
	01/08/2018	MW45D010818	--	**3.84**	**15.8**
dup	01/08/2018	MW45DDUP010818	--	**3.96**	**16**
MW-46D	07/27/2004	MW47-072704	--	**9.3**	--
	10/21/2004	MW47-102104	--	**9.8**	--
	01/20/2005	MW46D012005	--	**8.95**	--
	04/26/2005	MW46D042705	--	**10.7**	--
	07/19/2005	MW46D072005	--	**7.82 J**	--
	10/19/2005	MW46D101905	--	**3.76**	--
	01/19/2006	MW46D011906	--	**3.92**	--
	04/27/2006	MW46D042706	--	**5.91**	--
	08/03/2006	MW46D080306	--	**1.71**	--
	10/25/2006	MW46D102506	--	**7.96**	--
	01/11/2007	MW46D011107	--	**7.83**	--
	04/11/2007	MW46D041107	--	1 U	--
	08/08/2007	MW46D080807	--	1 U	--
	01/11/2008	MW46D011108	--	**6.85**	--
	08/08/2008	MW46D080808	--	**2.2**	--
	01/20/2009	MW46D012309	--	**5.13**	--
	08/04/2009	MW46D080409	--	**5.05**	--
	01/08/2010	MW46D010810	--	**6.4**	--
	08/22/2011	MW46D082211	--	**6.9**	--
	08/08/2012	MW46D080812	--	**6.95**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	0.081	0.73
	08/12/2013	MW-46D-20130812-GW	--	**3.67**	--
	01/22/2014	MW46D012214	--	**3.31**	--
	07/22/2014	MW46D072214	--	**4.21**	--
	01/14/2015	MW46D011415	--	**2.93**	--
	08/15/2016	MW46D081516	--	**2.19**	--
	01/08/2018	MW46D010818	--	1 U	--
MW-47D	07/26/2004	MW50-072604	--	**20**	--
	10/21/2004	MW50-102104	--	**19**	--
	01/19/2005	MW47D011905	--	**17.2**	--
	04/26/2005	MW47D042605	--	**20.8**	--
	07/19/2005	MW47D071905	--	**14.5 J**	--
	10/18/2005	MW47D101805	--	**8.28**	--
	01/18/2006	MW47D011806	--	**9.45**	--
	04/26/2006	MW47D042606	--	**8.61**	--
	08/01/2006	MW47D080106	--	**9.61**	--
	10/24/2006	MW47D102406	--	**15.3**	--
	01/09/2007	MW47D010907	--	**15.5**	--
	04/10/2007	MW47D041007	--	**2.27**	--
	08/07/2007	MW47D080707	--	**7.12**	--
	01/10/2008	MW47D011008	--	**13.6**	--
	08/07/2008	MW47D080708	--	**4.58**	--
	01/20/2009	MW47D012109	--	**11.0**	--
	08/03/2009	MW47D080309	--	**8.64**	--
	01/07/2010	MW47D010710	--	**7.86**	--
	08/22/2011	MW47D082211	--	**15.4**	--
	01/26/2012	MW47D012612	--	**14.2**	--
	08/08/2012	MW47D080812	--	**14.4**	--
	08/12/2013	MW-47D-20130812-GW	--	**7.66**	--
	01/21/2014	MW47D012114	--	**10.4**	--
	07/22/2014	MW47D072214	--	**10.2**	--
	01/12/2015	MW47D011215	--	**8.41**	--
	08/15/2016	MW47D081516	--	**4.22**	--
	01/08/2018	MW47D010818	--	**1.00**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold number indicates detected concentration that exceeds CUL.

-- = not analyzed.

CUL = cleanup level.

dup = duplicate sample.

J = Result for this analyte is estimated concentration.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

[a]MTCA Method A CUL.

Table 7
POC Monitoring Wells and Monitoring Schedule
Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Sampling Date			
	August 2020	January 2023	August 2025	August 2028
LWBZ				
MW-55		PCP and VOCs		PCP and VOCs
MW-56		SVOCs and VOCs		SVOCs and VOCs
MW-61		SVOCs and VOCs		SVOCs and VOCs
MW-62	PCP and PCE	PCP and PCE	PCP and PCE	PCP and PCE
MW-63	x	x	x	x
UWBZ				
Shallow UWBZ				
MW-46S		Arsenic		Arsenic
MW-55S	x	x	x	x
MW-57S	x	x	x	x
RMW-2s		PCP only		PCP only
Deep UWBZ				
MW-29D		PCE only		PCE only
MW-45D		PCP and PCE		PCP and PCE
MW-46D		PCE only		PCE only
MW-47D		PCE only		PCE only
MW-55D	PCP, Arsenic, and VOCs	PCP, Arsenic, and VOCs	PCP, Arsenic, and VOCs	PCP, Arsenic, and VOCs
MW-57D		x		x
MW-58D		PCP, Arsenic, and VOCs		PCP, Arsenic, and VOCs
USDFW-1		PCP, Arsenic, and VOCs		PCP, Arsenic, and VOCs
RMW-2d		PCP only		PCP only

NOTES:

During 5-year sampling events, samples from MW-45D and MW-57D will be duplicated.

The monitoring schedule will be reviewed at the conclusion of the January 2023 monitoring event and updated as necessary.

LWBZ = lower water-bearing zone.

PCE = tetrachloroethene.

PCP = pentachlorophenol.

POC = point of compliance.

SVOC = semivolatile organic compound.

USEPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = Analysis includes SVOCs by USEPA 8270D, arsenic by USEPA 6020, and VOCs by USEPA 8260B.

FIGURE

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

Legend

Monitoring Wells

- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Cell Boundaries within Lake River Industrial Site

Figure
Monitoring Well Locations

Port of Ridgefield
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

0 100 200
Feet

Path: X:\9003.01 Port of Ridgefield\28\07\Projects\Fig_Monitoring Well Locations.mxd
Print Date: 2/24/2014
Approved By: ahughes
Produced By: rroberts
Project: 9003.01.28/07

ATTACHMENT A

LABORATORY ANALYTICAL REPORT

Specialty Analytical

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

February 26, 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: POR Groundwater / 9003-01-28

Dear Andrew Vidourek: Order No.: 1801064

Specialty Analytical received 16 sample(s) on 1/10/2018 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#: **1801064**

Date: **2/26/2018**

CLIENT: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28

Revision 1-

This report has been revised to correct sample names.

Revision 2-

This report has been revised to include additional semi-volatile compounds by method 8270 per client request.

Revision 3-

This report has been revised to report 2,3,4,6-Tetrachlorophenol in the Method Blank.

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 2:27:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-001
Client Sample ID: MW61010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
2,4,6-Trichlorophenol	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
2-Methylnaphthalene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Acenaphthene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Acenaphthylene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Anthracene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Azobenzene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Benz(a)anthracene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Benzo(a)pyrene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Benzo(b)fluoranthene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Benzo(g,h,i)perylene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Benzo(k)fluoranthene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Carbazole	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Chrysene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Dibenz(a,h)anthracene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Dibenzofuran	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Fluoranthene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Fluorene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Naphthalene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Pentachlorophenol	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Phenanthrene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Pyrene	ND	0.474		µg/L	1	1/17/2018 6:25:00 PM
Surr: 2,4,6-Tribromophenol	50.8	33.1-129.7		%REC	1	1/17/2018 6:25:00 PM
Surr: 2-Fluorobiphenyl	55.3	33.1-126.2		%REC	1	1/17/2018 6:25:00 PM
Surr: 2-Fluorophenol	35.9	13.4-127.1		%REC	1	1/17/2018 6:25:00 PM
Surr: 4-Terphenyl-d14	58.0	41-122		%REC	1	1/17/2018 6:25:00 PM
Surr: Nitrobenzene-d5	48.4	28.9-129.9		%REC	1	1/17/2018 6:25:00 PM
Surr: Phenol-d6	25.4	10.6-128.5		%REC	1	1/17/2018 6:25:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	ND	0.949		µg/L	1	2/20/2018 1:56:00 PM
2,3,4-Trichlorophenol	ND	0.949		µg/L	1	2/20/2018 1:56:00 PM
2,3,5-Trichlorophenol	ND	0.949		µg/L	1	2/20/2018 1:56:00 PM
2,3,6-Trichlorophenol	ND	0.949		µg/L	1	2/20/2018 1:56:00 PM
3,4,5-Trichlorophenol	ND	0.949		µg/L	1	2/20/2018 1:56:00 PM
Surr: 2,4,6-Tribromophenol	56.0	33.1-119		%REC	1	2/20/2018 1:56:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 2:27:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-001
Client Sample ID: MW61010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
Surr: 2-Fluorobiphenyl	70.7	33.1-116		%REC	1	2/20/2018 1:56:00 PM
Surr: 2-Fluorophenol	44.3	13.4-127		%REC	1	2/20/2018 1:56:00 PM
Surr: 4-Terphenyl-d14	74.7	41-122		%REC	1	2/20/2018 1:56:00 PM
Surr: Nitrobenzene-d5	62.1	28.9-119		%REC	1	2/20/2018 1:56:00 PM
Surr: Phenol-d6	37.8	10.6-109		%REC	1	2/20/2018 1:56:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
2-Butanone	ND	10.0		µg/L	1	1/12/2018 5:39:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/12/2018 5:39:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/12/2018 5:39:00 PM
Acetone	ND	20.0		µg/L	1	1/12/2018 5:39:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/12/2018 5:39:00 PM
Benzene	ND	0.300		µg/L	1	1/12/2018 5:39:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 2:27:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-001
Client Sample ID: MW61010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromochloromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Bromoform	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Bromomethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/12/2018 5:39:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Chloroethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Chloroform	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Chloromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/12/2018 5:39:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/12/2018 5:39:00 PM
Naphthalene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
o-Xylene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Styrene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Toluene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/12/2018 5:39:00 PM
Surr: 1,2-Dichloroethane-d4	111	75.3-126		%REC	1	1/12/2018 5:39:00 PM
Surr: 4-Bromofluorobenzene	99.0	78.1-120		%REC	1	1/12/2018 5:39:00 PM
Surr: Dibromofluoromethane	82.3	74.2-122		%REC	1	1/12/2018 5:39:00 PM
Surr: Toluene-d8	97.9	76.2-135		%REC	1	1/12/2018 5:39:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 3:08:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-002
Client Sample ID: MW63010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	ND	0.100		µg/L	1	1/15/2018 12:22:59 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
2,4,5-Trichlorophenol	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
2,4,6-Trichlorophenol	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
2-Methylnaphthalene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Acenaphthene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Acenaphthylene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Anthracene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Benz(a)anthracene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Benzo(a)pyrene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Benzo(b)fluoranthene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Benzo(g,h,i)perylene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Benzo(k)fluoranthene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Carbazole	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Chrysene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Dibenz(a,h)anthracene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Dibenzofuran	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Fluoranthene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Fluorene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Naphthalene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Pentachlorophenol	1.79	0.473		µg/L	1	1/17/2018 6:53:00 PM
Phenanthrene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Pyrene	ND	0.473		µg/L	1	1/17/2018 6:53:00 PM
Surr: 2,4,6-Tribromophenol	65.1	33.1-129.7		%REC	1	1/17/2018 6:53:00 PM
Surr: 2-Fluorobiphenyl	61.8	33.1-126.2		%REC	1	1/17/2018 6:53:00 PM
Surr: 2-Fluorophenol	40.3	13.4-127.1		%REC	1	1/17/2018 6:53:00 PM
Surr: 4-Terphenyl-d14	66.5	41-122		%REC	1	1/17/2018 6:53:00 PM
Surr: Nitrobenzene-d5	61.8	28.9-129.9		%REC	1	1/17/2018 6:53:00 PM
Surr: Phenol-d6	20.4	10.6-128.5		%REC	1	1/17/2018 6:53:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	ND	0.946		µg/L	1	2/20/2018 2:23:00 PM
2,3,4-Trichlorophenol	ND	0.946		µg/L	1	2/20/2018 2:23:00 PM
2,3,5-Trichlorophenol	ND	0.946		µg/L	1	2/20/2018 2:23:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 3:08:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-002
Client Sample ID: MW63010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,6-Trichlorophenol	ND	0.946		µg/L	1	2/20/2018 2:23:00 PM
3,4,5-Trichlorophenol	ND	0.946		µg/L	1	2/20/2018 2:23:00 PM
Surr: 2,4,6-Tribromophenol	80.9	33.1-119		%REC	1	2/20/2018 2:23:00 PM
Surr: 2-Fluorobiphenyl	76.9	33.1-116		%REC	1	2/20/2018 2:23:00 PM
Surr: 2-Fluorophenol	46.4	13.4-127		%REC	1	2/20/2018 2:23:00 PM
Surr: 4-Terphenyl-d14	75.8	41-122		%REC	1	2/20/2018 2:23:00 PM
Surr: Nitrobenzene-d5	79.3	28.9-119		%REC	1	2/20/2018 2:23:00 PM
Surr: Phenol-d6	32.9	10.6-109		%REC	1	2/20/2018 2:23:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
2-Butanone	ND	10.0		µg/L	1	1/12/2018 6:00:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/12/2018 6:00:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/12/2018 6:00:00 PM
Acetone	ND	20.0		µg/L	1	1/12/2018 6:00:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/5/2018 3:08:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-002
Client Sample ID: MW63010518
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Acrylonitrile	ND	5.00		µg/L	1	1/12/2018 6:00:00 PM
Benzene	ND	0.300		µg/L	1	1/12/2018 6:00:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Bromoform	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Bromomethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/12/2018 6:00:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Chloroethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Chloroform	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Chloromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/12/2018 6:00:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/12/2018 6:00:00 PM
Naphthalene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
o-Xylene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Styrene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Tetrachloroethene	5.26	1.00		µg/L	1	1/12/2018 6:00:00 PM
Toluene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/12/2018 6:00:00 PM
Surr: 1,2-Dichloroethane-d4	102	75.3-126		%REC	1	1/12/2018 6:00:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/5/2018 3:08:00 PM
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801064-002		
Client Sample ID:	MW63010518	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: 4-Bromofluorobenzene	99.2	78.1-120		%REC	1	1/12/2018 6:00:00 PM
Surr: Dibromofluoromethane	89.7	74.2-122		%REC	1	1/12/2018 6:00:00 PM
Surr: Toluene-d8	98.7	76.2-135		%REC	1	1/12/2018 6:00:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/8/2018 10:29:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-003
Client Sample ID: MW47D010818
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	1.00	1.00		µg/L	1	1/12/2018 6:21:00 PM
Surr: 1,2-Dichloroethane-d4	95.6	75.3-126		%REC	1	1/12/2018 6:21:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	1/12/2018 6:21:00 PM
Surr: Dibromofluoromethane	98.7	74.2-122		%REC	1	1/12/2018 6:21:00 PM
Surr: Toluene-d8	103	76.2-135		%REC	1	1/12/2018 6:21:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/8/2018 11:05:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-004
Client Sample ID: MW29D010818
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	5.92	1.00		µg/L	1	1/12/2018 6:43:00 PM
Surr: 1,2-Dichloroethane-d4	103	75.3-126		%REC	1	1/12/2018 6:43:00 PM
Surr: 4-Bromofluorobenzene	112	78.1-120		%REC	1	1/12/2018 6:43:00 PM
Surr: Dibromofluoromethane	89.6	74.2-122		%REC	1	1/12/2018 6:43:00 PM
Surr: Toluene-d8	110	76.2-135		%REC	1	1/12/2018 6:43:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/8/2018 1:55:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-005
Client Sample ID: MW46D010818
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	1/12/2018 7:47:00 PM
Surr: 1,2-Dichloroethane-d4	102	75.3-126		%REC	1	1/12/2018 7:47:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	1/12/2018 7:47:00 PM
Surr: Dibromofluoromethane	93.3	74.2-122		%REC	1	1/12/2018 7:47:00 PM
Surr: Toluene-d8	104	76.2-135		%REC	1	1/12/2018 7:47:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/8/2018 2:38:00 PM
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801064-006		
Client Sample ID:	MW46S010818	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	2.65	0.100		µg/L	1	1/15/2018 12:36:28 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/8/2018 3:25:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-007
Client Sample ID: MW45D010818
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	15.8	0.486		µg/L	1	1/17/2018 7:20:00 PM
Surr: 2,4,6-Tribromophenol	56.8	29.1-124		%REC	1	1/17/2018 7:20:00 PM
Surr: 2-Fluorophenol	32.0	13.4-127.1		%REC	1	1/17/2018 7:20:00 PM
Surr: Phenol-d6	20.2	10.6-128.5		%REC	1	1/17/2018 7:20:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	3.84	1.00		µg/L	1	1/12/2018 7:04:00 PM
Surr: 1,2-Dichloroethane-d4	100	75.3-126		%REC	1	1/12/2018 7:04:00 PM
Surr: 4-Bromofluorobenzene	99.2	78.1-120		%REC	1	1/12/2018 7:04:00 PM
Surr: Dibromofluoromethane	92.0	74.2-122		%REC	1	1/12/2018 7:04:00 PM
Surr: Toluene-d8	97.9	76.2-135		%REC	1	1/12/2018 7:04:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/8/2018 3:25:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-008
Client Sample ID: MW45DDUP010818
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	16.0	0.473		µg/L	1	1/17/2018 7:48:00 PM
Surr: 2,4,6-Tribromophenol	58.9	29.1-124		%REC	1	1/17/2018 7:48:00 PM
Surr: 2-Fluorophenol	30.7	13.4-127.1		%REC	1	1/17/2018 7:48:00 PM
Surr: Phenol-d6	21.1	10.6-128.5		%REC	1	1/17/2018 7:48:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	3.96	1.00		µg/L	1	1/12/2018 7:25:00 PM
Surr: 1,2-Dichloroethane-d4	101	75.3-126		%REC	1	1/12/2018 7:25:00 PM
Surr: 4-Bromofluorobenzene	111	78.1-120		%REC	1	1/12/2018 7:25:00 PM
Surr: Dibromofluoromethane	87.5	74.2-122		%REC	1	1/12/2018 7:25:00 PM
Surr: Toluene-d8	110	76.2-135		%REC	1	1/12/2018 7:25:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 9:46:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-009
Client Sample ID: MW62010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	68.4	0.471		µg/L	1	1/17/2018 8:16:00 PM
Surr: 2,4,6-Tribromophenol	54.5	29.1-124		%REC	1	1/17/2018 8:16:00 PM
Surr: 2-Fluorophenol	34.3	13.4-127.1		%REC	1	1/17/2018 8:16:00 PM
Surr: Phenol-d6	23.1	10.6-128.5		%REC	1	1/17/2018 8:16:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 1:03:00 PM
Surr: 1,2-Dichloroethane-d4	95.1	75.3-126		%REC	1	1/16/2018 1:03:00 PM
Surr: 4-Bromofluorobenzene	97.3	78.1-120		%REC	1	1/16/2018 1:03:00 PM
Surr: Dibromofluoromethane	104	74.2-122		%REC	1	1/16/2018 1:03:00 PM
Surr: Toluene-d8	100	76.2-135		%REC	1	1/16/2018 1:03:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-010
Client Sample ID: MW57D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	23.6	0.100		µg/L	1	1/15/2018 12:39:51 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	1.20	0.473		µg/L	1	1/17/2018 8:43:00 PM
2,3,5,6-Tetrachlorophenol	24.0	0.473		µg/L	1	1/17/2018 8:43:00 PM
2,4,5-Trichlorophenol	1.69	0.473		µg/L	1	1/17/2018 8:43:00 PM
2,4,6-Trichlorophenol	1.43	0.473		µg/L	1	1/17/2018 8:43:00 PM
2-Methylnaphthalene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Acenaphthene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Acenaphthylene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Anthracene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Benz(a)anthracene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Benzo(a)pyrene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Benzo(b)fluoranthene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Benzo(g,h,i)perylene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Benzo(k)fluoranthene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Carbazole	2.38	0.473		µg/L	1	1/17/2018 8:43:00 PM
Chrysene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Dibenz(a,h)anthracene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Dibenzofuran	1.28	0.473		µg/L	1	1/17/2018 8:43:00 PM
Fluoranthene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Fluorene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Naphthalene	21.0	0.473		µg/L	1	1/17/2018 8:43:00 PM
Pentachlorophenol	1020	11.8		µg/L	25	1/18/2018 1:39:00 PM
Phenanthrene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Pyrene	ND	0.473		µg/L	1	1/17/2018 8:43:00 PM
Surr: 2,4,6-Tribromophenol	82.9	33.1-129.7		%REC	1	1/17/2018 8:43:00 PM
Surr: 2-Fluorobiphenyl	81.2	33.1-126.2		%REC	1	1/17/2018 8:43:00 PM
Surr: 2-Fluorophenol	71.8	13.4-127.1		%REC	1	1/17/2018 8:43:00 PM
Surr: 4-Terphenyl-d14	82.6	41-122		%REC	1	1/17/2018 8:43:00 PM
Surr: Nitrobenzene-d5	73.2	28.9-129.9		%REC	1	1/17/2018 8:43:00 PM
Surr: Phenol-d6	50.1	10.6-128.5		%REC	1	1/17/2018 8:43:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	44.3	0.946		µg/L	1	2/20/2018 5:03:00 PM
2,3,4-Trichlorophenol	2.63	0.946		µg/L	1	2/20/2018 5:03:00 PM
2,3,5-Trichlorophenol	2.34	0.946		µg/L	1	2/20/2018 5:03:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-010
Client Sample ID: MW57D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,6-Trichlorophenol	ND	0.946		µg/L	1	2/20/2018 5:03:00 PM
3,4,5-Trichlorophenol	3.48	0.946		µg/L	1	2/20/2018 5:03:00 PM
Surr: 2,4,6-Tribromophenol	106	33.1-119		%REC	1	2/20/2018 5:03:00 PM
Surr: 2-Fluorobiphenyl	80.0	33.1-116		%REC	1	2/20/2018 5:03:00 PM
Surr: 2-Fluorophenol	87.3	13.4-127		%REC	1	2/20/2018 5:03:00 PM
Surr: 4-Terphenyl-d14	75.5	41-122		%REC	1	2/20/2018 5:03:00 PM
Surr: Nitrobenzene-d5	87.6	28.9-119		%REC	1	2/20/2018 5:03:00 PM
Surr: Phenol-d6	80.9	10.6-109		%REC	1	2/20/2018 5:03:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2,4-Trimethylbenzene	1.38	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 3:09:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 3:09:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 3:09:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 3:09:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-010
Client Sample ID: MW57D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 3:09:00 PM
Benzene	15.3	0.300		µg/L	1	1/16/2018 3:09:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 3:09:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
cis-1,2-Dichloroethene	18.0	1.00		µg/L	1	1/16/2018 3:09:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Isopropylbenzene	5.64	1.00		µg/L	1	1/16/2018 3:09:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 3:09:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 3:09:00 PM
Naphthalene	213	10.0		µg/L	10	1/12/2018 8:08:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
n-Propylbenzene	1.01	1.00		µg/L	1	1/16/2018 3:09:00 PM
o-Xylene	13.3	1.00		µg/L	1	1/16/2018 3:09:00 PM
sec-Butylbenzene	5.35	1.00		µg/L	1	1/16/2018 3:09:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Tetrachloroethene	29.2	1.00		µg/L	1	1/16/2018 3:09:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
trans-1,2-Dichloroethene	1.28	1.00		µg/L	1	1/16/2018 3:09:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Trichloroethene	7.36	1.00		µg/L	1	1/16/2018 3:09:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 3:09:00 PM
Vinyl chloride	1.94	1.00		µg/L	1	1/16/2018 3:09:00 PM
Surr: 1,2-Dichloroethane-d4	89.0	75.3-126		%REC	1	1/16/2018 3:09:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/9/2018 10:37:00 AM
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801064-010		
Client Sample ID:	MW57D010918	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: 4-Bromofluorobenzene	96.9	78.1-120		%REC	1	1/16/2018 3:09:00 PM
Surr: Dibromofluoromethane	101	74.2-122		%REC	1	1/16/2018 3:09:00 PM
Surr: Toluene-d8	98.0	76.2-135		%REC	1	1/16/2018 3:09:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-011
Client Sample ID: MW57DDUP010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	23.4	0.100		µg/L	1	1/15/2018 12:53:55 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	1.86	0.474		µg/L	1	1/17/2018 9:11:00 PM
2,3,5,6-Tetrachlorophenol	32.3	0.474		µg/L	1	1/17/2018 9:11:00 PM
2,4,5-Trichlorophenol	3.10	0.474		µg/L	1	1/17/2018 9:11:00 PM
2,4,6-Trichlorophenol	1.82	0.474		µg/L	1	1/17/2018 9:11:00 PM
2-Methylnaphthalene	0.483	0.474		µg/L	1	1/17/2018 9:11:00 PM
Acenaphthene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Acenaphthylene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Anthracene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Benz(a)anthracene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Benzo(a)pyrene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Benzo(b)fluoranthene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Benzo(g,h,i)perylene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Benzo(k)fluoranthene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Carbazole	4.05	0.474		µg/L	1	1/17/2018 9:11:00 PM
Chrysene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Dibenz(a,h)anthracene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Dibenzofuran	2.44	0.474		µg/L	1	1/17/2018 9:11:00 PM
Fluoranthene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Fluorene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Naphthalene	25.2	0.474		µg/L	1	1/17/2018 9:11:00 PM
Pentachlorophenol	1100	11.8		µg/L	25	1/18/2018 2:07:00 PM
Phenanthrene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Pyrene	ND	0.474		µg/L	1	1/17/2018 9:11:00 PM
Surr: 2,4,6-Tribromophenol	44.4	33.1-129.7		%REC	1	1/17/2018 9:11:00 PM
Surr: 2-Fluorobiphenyl	48.6	33.1-126.2		%REC	1	1/17/2018 9:11:00 PM
Surr: 2-Fluorophenol	45.4	13.4-127.1		%REC	1	1/17/2018 9:11:00 PM
Surr: 4-Terphenyl-d14	53.1	41-122		%REC	1	1/17/2018 9:11:00 PM
Surr: Nitrobenzene-d5	85.4	28.9-129.9		%REC	1	1/17/2018 9:11:00 PM
Surr: Phenol-d6	28.2	10.6-128.5		%REC	1	1/17/2018 9:11:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	54.6	0.948		µg/L	1	2/20/2018 5:28:00 PM
2,3,4-Trichlorophenol	5.38	0.948		µg/L	1	2/20/2018 5:28:00 PM
2,3,5-Trichlorophenol	5.88	0.948		µg/L	1	2/20/2018 5:28:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-011
Client Sample ID: MW57DDUP010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,6-Trichlorophenol	ND	0.948		µg/L	1	2/20/2018 5:28:00 PM
3,4,5-Trichlorophenol	7.18	0.948		µg/L	1	2/20/2018 5:28:00 PM
Surr: 2,4,6-Tribromophenol	69.6	33.1-119		%REC	1	2/20/2018 5:28:00 PM
Surr: 2-Fluorobiphenyl	61.2	33.1-116		%REC	1	2/20/2018 5:28:00 PM
Surr: 2-Fluorophenol	61.4	13.4-127		%REC	1	2/20/2018 5:28:00 PM
Surr: 4-Terphenyl-d14	61.2	41-122		%REC	1	2/20/2018 5:28:00 PM
Surr: Nitrobenzene-d5	54.9	28.9-119		%REC	1	2/20/2018 5:28:00 PM
Surr: Phenol-d6	47.0	10.6-109		%REC	1	2/20/2018 5:28:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2,4-Trimethylbenzene	1.32	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 3:30:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 3:30:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 3:30:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 3:30:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-011
Client Sample ID: MW57DDUP010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 3:30:00 PM
Benzene	14.5	0.300		µg/L	1	1/16/2018 3:30:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 3:30:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
cis-1,2-Dichloroethene	14.9	1.00		µg/L	1	1/16/2018 3:30:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Isopropylbenzene	5.17	1.00		µg/L	1	1/16/2018 3:30:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 3:30:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 3:30:00 PM
Naphthalene	240	10.0		µg/L	10	1/12/2018 8:29:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
n-Propylbenzene	1.12	1.00		µg/L	1	1/16/2018 3:30:00 PM
o-Xylene	12.8	1.00		µg/L	1	1/16/2018 3:30:00 PM
sec-Butylbenzene	5.11	1.00		µg/L	1	1/16/2018 3:30:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Tetrachloroethene	26.8	1.00		µg/L	1	1/16/2018 3:30:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
trans-1,2-Dichloroethene	1.18	1.00		µg/L	1	1/16/2018 3:30:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Trichloroethene	6.87	1.00		µg/L	1	1/16/2018 3:30:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 3:30:00 PM
Vinyl chloride	1.78	1.00		µg/L	1	1/16/2018 3:30:00 PM
Surr: 1,2-Dichloroethane-d4	89.3	75.3-126		%REC	1	1/16/2018 3:30:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 10:37:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-011
Client Sample ID: MW57DDUP010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: 4-Bromofluorobenzene	96.7	78.1-120		%REC	1	1/16/2018 3:30:00 PM
Surr: Dibromofluoromethane	100	74.2-122		%REC	1	1/16/2018 3:30:00 PM
Surr: Toluene-d8	98.3	76.2-135		%REC	1	1/16/2018 3:30:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 11:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-012
Client Sample ID: MW57S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	71.8	0.100		µg/L	1	1/15/2018 12:57:16 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	453	4.72		µg/L	10	1/18/2018 4:25:00 PM
2,3,5,6-Tetrachlorophenol	0.509	0.472		µg/L	1	1/17/2018 9:39:00 PM
2,4,5-Trichlorophenol	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
2,4,6-Trichlorophenol	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
2-Methylnaphthalene	718	47.2		µg/L	100	1/18/2018 2:34:00 PM
Acenaphthene	212	4.72		µg/L	10	1/18/2018 4:25:00 PM
Acenaphthylene	4.70	0.472		µg/L	1	1/17/2018 9:39:00 PM
Anthracene	10.4	0.472		µg/L	1	1/17/2018 9:39:00 PM
Benz(a)anthracene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Benzo(a)pyrene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Benzo(b)fluoranthene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Benzo(g,h,i)perylene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Benzo(k)fluoranthene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Carbazole	163	4.72		µg/L	10	1/18/2018 4:25:00 PM
Chrysene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Dibenz(a,h)anthracene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Dibenzofuran	98.5	4.72		µg/L	10	1/18/2018 4:25:00 PM
Fluoranthene	4.46	0.472		µg/L	1	1/17/2018 9:39:00 PM
Fluorene	73.9	4.72		µg/L	10	1/18/2018 4:25:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.472		µg/L	1	1/17/2018 9:39:00 PM
Naphthalene	9320	47.2		µg/L	100	1/18/2018 2:34:00 PM
Pentachlorophenol	21.5	0.472		µg/L	1	1/17/2018 9:39:00 PM
Phenanthrene	43.2	0.472		µg/L	1	1/17/2018 9:39:00 PM
Pyrene	2.58	0.472		µg/L	1	1/17/2018 9:39:00 PM
Surr: 2,4,6-Tribromophenol	68.1	33.1-129.7		%REC	1	1/17/2018 9:39:00 PM
Surr: 2-Fluorobiphenyl	66.8	33.1-126.2		%REC	1	1/17/2018 9:39:00 PM
Surr: 2-Fluorophenol	41.3	13.4-127.1		%REC	1	1/17/2018 9:39:00 PM
Surr: 4-Terphenyl-d14	62.5	41-122		%REC	1	1/17/2018 9:39:00 PM
Surr: Nitrobenzene-d5	70.2	28.9-129.9		%REC	1	1/17/2018 9:39:00 PM
Surr: Phenol-d6	25.2	10.6-128.5		%REC	1	1/17/2018 9:39:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	ND	0.943		µg/L	1	2/20/2018 5:55:00 PM
2,3,4-Trichlorophenol	ND	0.943		µg/L	1	2/20/2018 5:55:00 PM
2,3,5-Trichlorophenol	ND	0.943		µg/L	1	2/20/2018 5:55:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 11:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-012
Client Sample ID: MW57S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,6-Trichlorophenol	ND	0.943		µg/L	1	2/20/2018 5:55:00 PM
3,4,5-Trichlorophenol	ND	0.943		µg/L	1	2/20/2018 5:55:00 PM
Surr: 2,4,6-Tribromophenol	88.4	33.1-119		%REC	1	2/20/2018 5:55:00 PM
Surr: 2-Fluorobiphenyl	83.9	33.1-116		%REC	1	2/20/2018 5:55:00 PM
Surr: 2-Fluorophenol	67.5	13.4-127		%REC	1	2/20/2018 5:55:00 PM
Surr: 4-Terphenyl-d14	71.3	41-122		%REC	1	2/20/2018 5:55:00 PM
Surr: Nitrobenzene-d5	97.7	28.9-119		%REC	1	2/20/2018 5:55:00 PM
Surr: Phenol-d6	52.1	10.6-109		%REC	1	2/20/2018 5:55:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2,4-Trimethylbenzene	370	10.0		µg/L	10	1/16/2018 4:33:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,3,5-Trimethylbenzene	57.4	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 4:54:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 4:54:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
4-Isopropyltoluene	14.2	1.00		µg/L	1	1/16/2018 4:54:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 4:54:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 4:54:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 11:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-012
Client Sample ID: MW57S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 4:54:00 PM
Benzene	1.11	0.300		µg/L	1	1/16/2018 4:54:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 4:54:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Ethylbenzene	178	10.0		µg/L	10	1/16/2018 4:33:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Isopropylbenzene	26.7	1.00		µg/L	1	1/16/2018 4:54:00 PM
m,p-Xylene	143	20.0		µg/L	10	1/16/2018 4:33:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 4:54:00 PM
Naphthalene	23300	200		µg/L	200	1/12/2018 8:50:00 PM
n-Butylbenzene	10.9	1.00		µg/L	1	1/16/2018 4:54:00 PM
n-Propylbenzene	33.6	1.00		µg/L	1	1/16/2018 4:54:00 PM
o-Xylene	98.3	10.0		µg/L	10	1/16/2018 4:33:00 PM
sec-Butylbenzene	9.64	1.00		µg/L	1	1/16/2018 4:54:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
tert-Butylbenzene	2.81	1.00		µg/L	1	1/16/2018 4:54:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Toluene	8.10	1.00		µg/L	1	1/16/2018 4:54:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 4:54:00 PM
Surr: 1,2-Dichloroethane-d4	89.0	75.3-126		%REC	1	1/16/2018 4:54:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 11:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-012
Client Sample ID: MW57S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: 4-Bromofluorobenzene	95.8	78.1-120		%REC	1	1/16/2018 4:54:00 PM
Surr: Dibromofluoromethane	101	74.2-122		%REC	1	1/16/2018 4:54:00 PM
Surr: Toluene-d8	95.6	76.2-135		%REC	1	1/16/2018 4:54:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 1:58:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-013
Client Sample ID: MW55010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	297	4.71		µg/L	10	1/18/2018 3:02:00 PM
Surr: 2,4,6-Tribromophenol	71.4	29.1-124		%REC	1	1/17/2018 10:06:00 PM
Surr: 2-Fluorophenol	34.0	13.4-127.1		%REC	1	1/17/2018 10:06:00 PM
Surr: Phenol-d6	22.1	10.6-128.5		%REC	1	1/17/2018 10:06:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 3:51:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 3:51:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 3:51:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 3:51:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 3:51:00 PM
Benzene	ND	0.300		µg/L	1	1/16/2018 3:51:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 1:58:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-013
Client Sample ID: MW55010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 3:51:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
cis-1,2-Dichloroethene	1.43	1.00		µg/L	1	1/16/2018 3:51:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 3:51:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 3:51:00 PM
Naphthalene	14.1	1.00		µg/L	1	1/16/2018 3:51:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
o-Xylene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 3:51:00 PM
Surr: 1,2-Dichloroethane-d4	89.2	75.3-126		%REC	1	1/16/2018 3:51:00 PM
Surr: 4-Bromofluorobenzene	95.4	78.1-120		%REC	1	1/16/2018 3:51:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/16/2018 3:51:00 PM
Surr: Toluene-d8	99.5	76.2-135		%REC	1	1/16/2018 3:51:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:10:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-014
Client Sample ID: MW55D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	11.6	0.100		µg/L	1	1/15/2018 1:00:39 PM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	605	9.40		µg/L	20	1/18/2018 3:29:00 PM
Surr: 2,4,6-Tribromophenol	60.4	29.1-124		%REC	1	1/17/2018 10:34:00 PM
Surr: 2-Fluorophenol	41.7	13.4-127.1		%REC	1	1/17/2018 10:34:00 PM
Surr: Phenol-d6	26.4	10.6-128.5		%REC	1	1/17/2018 10:34:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 1:24:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 1:24:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 1:24:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 1:24:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 1:24:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:10:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-014
Client Sample ID: MW55D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Benzene	4.83	0.300		µg/L	1	1/16/2018 1:24:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 1:24:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
cis-1,2-Dichloroethene	13.5	1.00		µg/L	1	1/16/2018 1:24:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 1:24:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 1:24:00 PM
Naphthalene	2.98	1.00		µg/L	1	1/16/2018 1:24:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
o-Xylene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Tetrachloroethene	5.43	1.00		µg/L	1	1/16/2018 1:24:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
trans-1,2-Dichloroethene	1.04	1.00		µg/L	1	1/16/2018 1:24:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Trichloroethene	4.48	1.00		µg/L	1	1/16/2018 1:24:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 1:24:00 PM
Vinyl chloride	2.23	1.00		µg/L	1	1/16/2018 1:24:00 PM
Surr: 1,2-Dichloroethane-d4	93.8	75.3-126		%REC	1	1/16/2018 1:24:00 PM
Surr: 4-Bromofluorobenzene	97.3	78.1-120		%REC	1	1/16/2018 1:24:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:10:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-014
Client Sample ID: MW55D010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/16/2018 1:24:00 PM
Surr: Toluene-d8	98.2	76.2-135		%REC	1	1/16/2018 1:24:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:40:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-015
Client Sample ID: MW55S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	57.7	0.100		µg/L	1	1/15/2018 1:04:01 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	445	4.74		µg/L	10	1/18/2018 3:57:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
2,4,5-Trichlorophenol	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
2,4,6-Trichlorophenol	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
2-Methylnaphthalene	57.2	0.474		µg/L	1	1/17/2018 11:02:00 PM
Acenaphthene	259	4.74		µg/L	10	1/18/2018 3:57:00 PM
Acenaphthylene	1.01	0.474		µg/L	1	1/17/2018 11:02:00 PM
Anthracene	8.49	0.474		µg/L	1	1/17/2018 11:02:00 PM
Benz(a)anthracene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Benzo(a)pyrene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Benzo(b)fluoranthene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Benzo(g,h,i)perylene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Benzo(k)fluoranthene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Carbazole	51.5	0.474		µg/L	1	1/17/2018 11:02:00 PM
Chrysene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Dibenz(a,h)anthracene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Dibenzofuran	101	4.74		µg/L	10	1/18/2018 3:57:00 PM
Fluoranthene	2.46	0.474		µg/L	1	1/17/2018 11:02:00 PM
Fluorene	83.9	4.74		µg/L	10	1/18/2018 3:57:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Naphthalene	89.0	4.74		µg/L	10	1/18/2018 3:57:00 PM
Pentachlorophenol	ND	0.474		µg/L	1	1/17/2018 11:02:00 PM
Phenanthrene	38.5	0.474		µg/L	1	1/17/2018 11:02:00 PM
Pyrene	1.23	0.474		µg/L	1	1/17/2018 11:02:00 PM
Surr: 2,4,6-Tribromophenol	72.5	33.1-129.7		%REC	1	1/17/2018 11:02:00 PM
Surr: 2-Fluorobiphenyl	63.2	33.1-126.2		%REC	1	1/17/2018 11:02:00 PM
Surr: 2-Fluorophenol	41.6	13.4-127.1		%REC	1	1/17/2018 11:02:00 PM
Surr: 4-Terphenyl-d14	66.4	41-122		%REC	1	1/17/2018 11:02:00 PM
Surr: Nitrobenzene-d5	68.8	28.9-129.9		%REC	1	1/17/2018 11:02:00 PM
Surr: Phenol-d6	28.4	10.6-128.5		%REC	1	1/17/2018 11:02:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	ND	0.948		µg/L	1	2/20/2018 6:22:00 PM
2,3,4-Trichlorophenol	ND	0.948		µg/L	1	2/20/2018 6:22:00 PM
2,3,5-Trichlorophenol	ND	0.948		µg/L	1	2/20/2018 6:22:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:40:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-015
Client Sample ID: MW55S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,6-Trichlorophenol	ND	0.948		µg/L	1	2/20/2018 6:22:00 PM
3,4,5-Trichlorophenol	ND	0.948		µg/L	1	2/20/2018 6:22:00 PM
Surr: 2,4,6-Tribromophenol	90.6	33.1-119		%REC	1	2/20/2018 6:22:00 PM
Surr: 2-Fluorobiphenyl	67.1	33.1-116		%REC	1	2/20/2018 6:22:00 PM
Surr: 2-Fluorophenol	71.0	13.4-127		%REC	1	2/20/2018 6:22:00 PM
Surr: 4-Terphenyl-d14	64.4	41-122		%REC	1	2/20/2018 6:22:00 PM
Surr: Nitrobenzene-d5	79.7	28.9-119		%REC	1	2/20/2018 6:22:00 PM
Surr: Phenol-d6	68.6	10.6-109		%REC	1	2/20/2018 6:22:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2,4-Trimethylbenzene	1.58	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 4:12:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 4:12:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 4:12:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 4:12:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/9/2018 3:40:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801064-015
Client Sample ID: MW55S010918
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 4:12:00 PM
Benzene	ND	0.300		µg/L	1	1/16/2018 4:12:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 4:12:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Ethylbenzene	11.8	1.00		µg/L	1	1/16/2018 4:12:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Isopropylbenzene	15.8	1.00		µg/L	1	1/16/2018 4:12:00 PM
m,p-Xylene	2.12	2.00		µg/L	1	1/16/2018 4:12:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 4:12:00 PM
Naphthalene	121	20.0		µg/L	20	1/16/2018 1:45:00 PM
n-Butylbenzene	7.00	1.00		µg/L	1	1/16/2018 4:12:00 PM
n-Propylbenzene	12.6	1.00		µg/L	1	1/16/2018 4:12:00 PM
o-Xylene	2.03	1.00		µg/L	1	1/16/2018 4:12:00 PM
sec-Butylbenzene	8.08	1.00		µg/L	1	1/16/2018 4:12:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
tert-Butylbenzene	3.20	1.00		µg/L	1	1/16/2018 4:12:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Toluene	1.09	1.00		µg/L	1	1/16/2018 4:12:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 4:12:00 PM
Surr: 1,2-Dichloroethane-d4	88.3	75.3-126		%REC	1	1/16/2018 4:12:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/9/2018 3:40:00 PM
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801064-015		
Client Sample ID:	MW55S010918	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: 4-Bromofluorobenzene	96.2	78.1-120		%REC	1	1/16/2018 4:12:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/16/2018 4:12:00 PM
Surr: Toluene-d8	96.5	76.2-135		%REC	1	1/16/2018 4:12:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801064-016		
Client Sample ID:	Trip Blanks	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		**PER CLIENT**				Analyst: **kel**
Hold	1/12/2018	0			1	1/12/2018 3:31:51 PM

QC SUMMARY REPORT

WO#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **6020_WDISS**

Sample ID	**ICV**	SampType:	**ICV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**ICV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

Sample ID	**MB-11241**	SampType:	**MBLK**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**PBW**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**CCV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327706**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.4	0.100	50.00	0	98.7	90	110				

Sample ID	**1801064-002CDUP**	SampType:	**DUP**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**MW63010518**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327708**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100						0	0	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **6020_WDISS**

Sample ID	**1801064-002CMS**	SampType:	**MS**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**MW63010518**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	54.1	0.100	50.00	0	108	70	130				

Sample ID	**1801064-002CMSD**	SampType:	**MSD**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**MW63010518**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	54.9	0.100	50.00	0	110	70	130	54.05	1.56	20	

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**CCV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327713**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.2	0.100	50.00	0	98.4	90	110				

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**CCV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

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

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3009** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCV** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.6	1.00	40.00	0	93.9	80	120				
1,2-Dichloropropane	47.8	1.00	40.00	0	119	80	120				
Chloroform	46.2	1.00	40.00	0	116	80	120				
Ethylbenzene	39.4	1.00	40.00	0	98.4	80	120				
Toluene	38.8	1.00	40.00	0	97.0	80	120				
Vinyl chloride	34.0	1.00	40.00	0	84.9	80	120				

Sample ID **CCV MSVWS-3009** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCV** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328107**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.1	1.00	40.00	0	108	80	120				
1,2-Dichloropropane	42.4	1.00	40.00	0	106	80	120				
Chloroform	34.1	1.00	40.00	0	85.2	80	120				
Ethylbenzene	44.7	1.00	40.00	0	112	80	120				
Toluene	44.5	1.00	40.00	0	111	80	120				
Vinyl chloride	45.2	1.00	40.00	0	113	80	120				

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									

QC SUMMARY REPORT

WO#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									

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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.1		100.0		99.1	75.3	126				
Surr: 4-Bromofluorobenzene	97.2		100.0		97.2	78.1	120				
Surr: Dibromofluoromethane	104		100.0		104	74.2	122				
Surr: Toluene-d8	98.8		100.0		98.8	76.2	135				

Sample ID **LCS MSVWS-3010** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **LCSW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.0	1.00	40.00	0	105	61.2	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **LCS MSVWS-3010** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **LCSW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	43.1	0.300	40.00	0	108	76.8	125				
Chlorobenzene	43.2	1.00	40.00	0	108	84.1	116				
Toluene	44.4	1.00	40.00	0	111	82	122				
Trichloroethene	44.7	1.00	40.00	0	112	68.5	124				

Sample ID **1801064-001BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **MW61010518** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328122**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.1	1.00	40.00	0	97.6	47.8	165				
Benzene	40.9	0.300	40.00	0	102	74.1	136				
Chlorobenzene	41.1	1.00	40.00	0	103	70.7	133				
Toluene	42.3	1.00	40.00	0	106	68.4	135				
Trichloroethene	42.8	1.00	40.00	0	107	50.8	164				

Sample ID **1801064-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **MW61010518** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328123**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.0	1.00	40.00	0	97.5	47.8	165	39.06	0.179	20	
Benzene	40.3	0.300	40.00	0	101	74.1	136	40.86	1.38	20	
Chlorobenzene	40.8	1.00	40.00	0	102	70.7	133	41.14	0.879	20	
Toluene	41.9	1.00	40.00	0	105	68.4	135	42.26	0.808	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#: **1801064**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **1801064-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **MW61010518** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328123**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	41.7	1.00	40.00	0	104	50.8	164	42.78	2.56	20	

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **PBW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **PBW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	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#: **1801064**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **24466**
Client ID: **PBW**	Batch ID: **R24466**	TestNo: **SW8260B**		Analysis Date: **1/12/2018**	SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	105		100.0		105	75.3	126				
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	99.3		100.0		99.3	74.2	122				

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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **24466**
Client ID: **PBW**	Batch ID: **R24466**	TestNo: **SW8260B**		Analysis Date: **1/12/2018**	SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	100		100.0		100	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270AFLL_W**

Sample ID **CCV MSSWS-1510**	SampType: **CCV**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date:	RunNo: **24504**
Client ID: **CCV**	Batch ID: **11239**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **328489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	19.3	0.500	20.00	0	96.3	80	120				

Sample ID **MB-11239**	SampType: **MBLK**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date: **1/12/2018**	RunNo: **24504**
Client ID: **PBW**	Batch ID: **11239**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **328490**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	0.500									
Surr: 2,4,6-Tribromophenol	93.2		100.0		93.2	29.1	124				
Surr: 2-Fluorophenol	89.9		100.0		89.9	13.4	127.1				
Surr: Phenol-d6	91.8		100.0		91.8	10.6	128.5				

Sample ID **CCV MSSWS-1510**	SampType: **CCV**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date:	RunNo: **24504**
Client ID: **CCV**	Batch ID: **11239**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/18/2018**	SeqNo: **328496**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	20.1	0.500	20.00	0	100	80	120				

Sample ID **LCS-11239**	SampType: **LCS**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date: **1/12/2018**	RunNo: **24504**
Client ID: **LCSW**	Batch ID: **11239**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **328499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	29.4	0.500	40.00	0	73.6	30	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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270AFLL_W**

Sample ID	**LCS-11239**	SampType:	**LCS**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:	**1/12/2018**	RunNo:	**24504**
Client ID:	**LCSW**	Batch ID:	**11239**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/17/2018**	SeqNo:	**328499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCSD-11239**	SampType:	**LCSD**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:	**1/12/2018**	RunNo:	**24504**
Client ID:	**LCSS02**	Batch ID:	**11239**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/17/2018**	SeqNo:	**328500**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	28.3	0.500	40.00	0	70.8	30	130	29.44	3.91	30	

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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID	**CCV MSSWS-1510**	SampType: **CCV**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date:	RunNo: **24503**
Client ID:	**CCV**	Batch ID: **11238**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **333718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	17.6	0.500	20.00	0	88.1	80	120				
Acenaphthene	19.2	0.500	20.00	0	96.1	80	120				
Benzo(a)pyrene	18.1	0.500	20.00	0	90.3	80	120				
Fluoranthene	20.4	0.500	20.00	0	102	80	120				
Pentachlorophenol	19.3	0.500	20.00	0	96.3	80	120				

Sample ID	**MB-11238**	SampType: **MBLK**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date: **1/12/2018**	RunNo: **24503**
Client ID:	**PBW**	Batch ID: **11238**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **333719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	0.500									
2,3,5,6-Tetrachlorophenol	ND	0.500									
2,4,5-Trichlorophenol	ND	0.500									
2,4,6-Trichlorophenol	ND	0.500									
2-Methylnaphthalene	ND	0.500									
Acenaphthene	ND	0.500									
Acenaphthylene	ND	0.500									
Anthracene	ND	0.500									
Azobenzene	ND	0.500									
Benz(a)anthracene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Benzo(b)fluoranthene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									

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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID **MB-11238**	SampType: **MBLK**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date: **1/12/2018**	RunNo: **24503**
Client ID: **PBW**	Batch ID: **11238**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **333719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl)phthalate	ND	0.500									
Carbazole	ND	0.500									
Chrysene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Dibenzofuran	ND	0.500									
Fluoranthene	ND	0.500									
Fluorene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Naphthalene	ND	0.500									
Pentachlorophenol	ND	0.500									
Phenanthrene	ND	0.500									
Pyrene	ND	0.500									
Surr: 2,4,6-Tribromophenol	93.2		100.0		93.2	33.1	129.7				
Surr: 2-Fluorobiphenyl	93.4		100.0		93.4	33.1	126.2				
Surr: 2-Fluorophenol	89.9		100.0		89.9	13.4	127.1				
Surr: 4-Terphenyl-d14	90.7		100.0		90.7	41	122				
Surr: Nitrobenzene-d5	94.0		100.0		94.0	28.9	129.9				
Surr: Phenol-d6	91.8		100.0		91.8	10.6	128.5				

Sample ID **LCS-11238**	SampType: **LCS**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date: **1/12/2018**	RunNo: **24503**
Client ID: **LCSW**	Batch ID: **11238**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/17/2018**	SeqNo: **333726**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	28.4	0.500	40.00	0	71.0	42.4	124				

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#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID **LCS-11238** SampType: **LCS** TestCode: **8270LL_W** Units: **µg/L** Prep Date: **1/12/2018** RunNo: **24503**

Client ID: **LCSW** Batch ID: **11238** TestNo: **SW8270D** **SW 3510C** Analysis Date: **1/17/2018** SeqNo: **333726**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	29.4	0.500	40.00	0	73.6	43.3	113				
Pyrene	29.3	0.500	40.00	0	73.2	35	119				

Sample ID **LCSD-11238** SampType: **LCSD** TestCode: **8270LL_W** Units: **µg/L** Prep Date: **1/12/2018** RunNo: **24503**

Client ID: **LCSS02** Batch ID: **11238** TestNo: **SW8270D** **SW 3510C** Analysis Date: **1/17/2018** SeqNo: **333727**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	29.4	0.500	40.00	0	73.4	42.4	124	28.42	3.25	20	
Pentachlorophenol	28.3	0.500	40.00	0	70.8	43.3	113	29.44	3.91	20	
Pyrene	31.3	0.500	40.00	0	78.2	35	119	29.26	6.71	20	

Sample ID **CCV MSSWS-1510** SampType: **CCV** TestCode: **8270LL_W** Units: **µg/L** Prep Date: RunNo: **24503**

Client ID: **CCV** Batch ID: **11238** TestNo: **SW8270D** **SW 3510C** Analysis Date: **1/18/2018** SeqNo: **333728**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	17.4	0.500	20.00	0	86.9	80	120				
Acenaphthene	19.3	0.500	20.00	0	96.7	80	120				
Benzo(a)pyrene	18.2	0.500	20.00	0	90.9	80	120				
Fluoranthene	20.3	0.500	20.00	0	102	80	120				
Pentachlorophenol	20.1	0.500	20.00	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

QC SUMMARY REPORT

WO#: **1801064**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270POR_W**

Sample ID **20 PPM ICAL** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **24890**

Client ID: **CCV** Batch ID: **R24890** TestNo: **SW8270D** Analysis Date: **2/20/2018** SeqNo: **333208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,4-Trichlorophenol	21.3	1.00	20.00	0	107	80	120				
2,3,5-Trichlorophenol	20.8	1.00	20.00	0	104	80	120				
2,3,6-Trichlorophenol	20.8	1.00	20.00	0	104	80	120				
3,4,5-Trichlorophenol	19.7	1.00	20.00	0	98.7	80	120				

Sample ID **MB** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **24890**

Client ID: **PBW** Batch ID: **R24890** TestNo: **SW8270D** Analysis Date: **2/20/2018** SeqNo: **333209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Surr: 2,4,6-Tribromophenol	69.4		100.0		69.4	33.1	99.7				
Surr: 2-Fluorobiphenyl	68.1		100.0		68.1	33.1	96.2				
Surr: 2-Fluorophenol	36.0		100.0		36.0	13.4	57.1				
Surr: 4-Terphenyl-d14	66.2		100.0		66.2	41	122				
Surr: Nitrobenzene-d5	64.8		100.0		64.8	28.9	99.9				
Surr: Phenol-d6	27.4		100.0		27.4	10.6	38.5				

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
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: ANDY Vidourek
Company: MAUL FOSTER & ALONGI
Address: 400 EAST MILL PLAIN BLVD. SUITE 400
VANC. WA. 98660
Phone: 360-694-2691 Fax: 360-906-4958
Project No: 9003 01-2 Project Name: POR GROUNDWATER
Project Site Location OR ____ WA X Other ____
Invoice To: PORT OF RIDGEFIELD P.O. No. ____

Collected By:
Signature: Pat Kirby
Printed: PAT KIRBY

Signature: ____
Printed: KEVIN OLDHAM

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	PORT SUOC LIST (8270D)	PENTACHLOROETHENE (8270D)	VOC's (8260B)	TETRACHLOROETHENE (8260B)	DISSOLVED ARSENIC (6020)	Comments	Lab I.D.
1-5-18	14:27	MW6 010518	WATER	4	X		X				
	15:08	MW6 3010518		5	X		X		X		
1-8-18	10:29	MW47D010818		3				X			
	11:05	MW29D010818		3				X			
	13:55	MW46D010818		3				X			
	14:38	MW46S010818		1					X		
	15:25	MW45D010818		4		X		X			
	15:25	MW45DDUP010818		4		X		X			
1-9-18	9:46	MW62010918		4		X		X			
	10:37	MW57D010918		5	X		X		X		
	10:37	MW57DDUP010918		5	X		X		X		
	11:30	MW57S010918		5	X		X		X		

For Laboratory Use
Lab Job No. 1801064
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: PORT OF RIDGEFIELD	1-10-18	1257	Company: ALSA	Company: ALSA	1-10-18	1419

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 ____ Time ____

CHAIN OF CUSTODY RECORD

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

Contact Person/Project Manager: ANDY VIDOUREK
Company: MAUL FOSTER & ALONGI
Address: 400 EAST MILL PLAIN BLVD. SUITE 400
VANC. WA. 98660
Phone: 360-694-2691 Fax: 360-906-4958
Project No: 9003.01.28 Project Name: POR GROUNDWATER
Project Site Location OR ____ WA X Other ____
Invoice To: PORT OF REDGEFIELD P.O. No. ____

Collected By: Pat Kirby
Signature: Pat Kirby
Printed: PAT KIRBY

Signature: ____
Printed: KEVIN OLDHAM

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. 1801064
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	Analyses: PORT SVOC LIST (8270D)	Pentachlorethene (8270D)	VOCs (8260B)	Tetrachlorethene (8260B)	Dissolved Arsenic (6020)	Comments	Lab I.D.
1-9-18	13:58	MW55010918	WATER	4		X	X				
"	15:10	MW55D010918	"	5		X	X		X		
"	15:40	MW55S010918	"	5	X		X		X		
		TRIP BLANKS	"	3							

Relinquished By:	Date	Time	Received By:	Relinquished By:	Date	Time
PAT KIRBY	1-10-18	1257			1-10-18	1419
Company: PORT OF REDGEFIELD			Company: CL SA	Company: CL SA		

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 ____ Time ____

Specialty Analytical

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

February 26, 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: POR Groundwater / 9003-01-28

Dear Andrew Vidourek: Order No.: 1801091

Specialty Analytical received 6 sample(s) on 1/12/2018 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#: **1801091**

Date: **2/26/2018**

CLIENT: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28

Revision 1.

This report has been revised to correct sample names.

Revision 2-

This report has been revised to include additional semi-volatile compounds by method 8270 per client request.

Revision 3-

This report has been revised to report 2,3,4,6-Tetrachlorophenol in the Method Blank.

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:25:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-001
Client Sample ID: MW58D011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	12.1	0.100		µg/L	1	1/15/2018 1:07:24 PM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	ND	0.471		µg/L	1	1/18/2018 6:15:00 PM
Surr: 2,4,6-Tribromophenol	79.6	29.1-124		%REC	1	1/18/2018 6:15:00 PM
Surr: 2-Fluorophenol	42.1	13.4-127.1		%REC	1	1/18/2018 6:15:00 PM
Surr: Phenol-d6	21.2	10.6-128.5		%REC	1	1/18/2018 6:15:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 2:06:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 2:06:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 2:06:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 2:06:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 2:06:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:25:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-001
Client Sample ID: MW58D011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Benzene	3.19	0.300		µg/L	1	1/16/2018 2:06:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 2:06:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 2:06:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 2:06:00 PM
Naphthalene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
o-Xylene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 2:06:00 PM
Surr: 1,2-Dichloroethane-d4	91.1	75.3-126		%REC	1	1/16/2018 2:06:00 PM
Surr: 4-Bromofluorobenzene	97.0	78.1-120		%REC	1	1/16/2018 2:06:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:25:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-001
Client Sample ID: MW58D011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/16/2018 2:06:00 PM
Surr: Toluene-d8	99.4	76.2-135		%REC	1	1/16/2018 2:06:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:57:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-002
Client Sample ID: MW56011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
2,4,5-Trichlorophenol	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
2,4,6-Trichlorophenol	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
2-Methylnaphthalene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Acenaphthene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Acenaphthylene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Anthracene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Benz(a)anthracene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Benzo(a)pyrene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Benzo(b)fluoranthene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Benzo(g,h,i)perylene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Benzo(k)fluoranthene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Carbazole	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Chrysene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Dibenz(a,h)anthracene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Dibenzofuran	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Fluoranthene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Fluorene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Naphthalene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Pentachlorophenol	33.9	0.478		µg/L	1	1/18/2018 6:43:00 PM
Phenanthrene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Pyrene	ND	0.478		µg/L	1	1/18/2018 6:43:00 PM
Surr: 2,4,6-Tribromophenol	68.9	33.1-129.7		%REC	1	1/18/2018 6:43:00 PM
Surr: 2-Fluorobiphenyl	68.2	33.1-126.2		%REC	1	1/18/2018 6:43:00 PM
Surr: 2-Fluorophenol	45.9	13.4-127.1		%REC	1	1/18/2018 6:43:00 PM
Surr: 4-Terphenyl-d14	79.1	41-122		%REC	1	1/18/2018 6:43:00 PM
Surr: Nitrobenzene-d5	62.6	28.9-129.9		%REC	1	1/18/2018 6:43:00 PM
Surr: Phenol-d6	24.6	10.6-128.5		%REC	1	1/18/2018 6:43:00 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
2,3,4,6-Tetrachlorophenol	ND	0.955		µg/L	1	2/20/2018 2:50:00 PM
2,3,4-Trichlorophenol	ND	0.955		µg/L	1	2/20/2018 2:50:00 PM
2,3,5-Trichlorophenol	ND	0.955		µg/L	1	2/20/2018 2:50:00 PM
2,3,6-Trichlorophenol	ND	0.955		µg/L	1	2/20/2018 2:50:00 PM
3,4,5-Trichlorophenol	ND	0.955		µg/L	1	2/20/2018 2:50:00 PM
Surr: 2,4,6-Tribromophenol	87.3	33.1-119		%REC	1	2/20/2018 2:50:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:57:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-002
Client Sample ID: MW56011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
Surr: 2-Fluorobiphenyl	91.9	33.1-116		%REC	1	2/20/2018 2:50:00 PM
Surr: 2-Fluorophenol	44.3	13.4-127		%REC	1	2/20/2018 2:50:00 PM
Surr: 4-Terphenyl-d14	97.5	41-122		%REC	1	2/20/2018 2:50:00 PM
Surr: Nitrobenzene-d5	85.2	28.9-119		%REC	1	2/20/2018 2:50:00 PM
Surr: Phenol-d6	42.2	10.6-109		%REC	1	2/20/2018 2:50:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 2:27:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 2:27:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 2:27:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 2:27:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 2:27:00 PM
Benzene	ND	0.300		µg/L	1	1/16/2018 2:27:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 10:57:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-002
Client Sample ID: MW56011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 2:27:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 2:27:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 2:27:00 PM
Naphthalene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
o-Xylene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	91.1	75.3-126		%REC	1	1/16/2018 2:27:00 PM
Surr: 4-Bromofluorobenzene	94.8	78.1-120		%REC	1	1/16/2018 2:27:00 PM
Surr: Dibromofluoromethane	102	74.2-122		%REC	1	1/16/2018 2:27:00 PM
Surr: Toluene-d8	99.0	76.2-135		%REC	1	1/16/2018 2:27:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 2:09:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-003
Client Sample ID: RMW2D011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	2.23	0.471		µg/L	1	1/18/2018 7:10:00 PM
Surr: 2,4,6-Tribromophenol	73.7	29.1-124		%REC	1	1/18/2018 7:10:00 PM
Surr: 2-Fluorophenol	42.5	13.4-127.1		%REC	1	1/18/2018 7:10:00 PM
Surr: Phenol-d6	21.9	10.6-128.5		%REC	1	1/18/2018 7:10:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/10/2018 2:37:00 PM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-004
Client Sample ID: RMW2S011018
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	ND	0.473		µg/L	1	1/18/2018 7:38:00 PM
Surr: 2,4,6-Tribromophenol	74.2	29.1-124		%REC	1	1/18/2018 7:38:00 PM
Surr: 2-Fluorophenol	37.2	13.4-127.1		%REC	1	1/18/2018 7:38:00 PM
Surr: Phenol-d6	18.0	10.6-128.5		%REC	1	1/18/2018 7:38:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/11/2018 10:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-005
Client Sample ID: USDFW1011118
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **JRC**
Arsenic	1.64	0.100		µg/L	1	1/15/2018 1:10:46 PM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	ND	0.470		µg/L	1	1/18/2018 8:05:00 PM
Surr: 2,4,6-Tribromophenol	54.2	29.1-124		%REC	1	1/18/2018 8:05:00 PM
Surr: 2-Fluorophenol	36.8	13.4-127.1		%REC	1	1/18/2018 8:05:00 PM
Surr: Phenol-d6	21.8	10.6-128.5		%REC	1	1/18/2018 8:05:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
2-Butanone	ND	10.0		µg/L	1	1/16/2018 2:48:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
2-Hexanone	ND	10.0		µg/L	1	1/16/2018 2:48:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
4-Methyl-2-pentanone	ND	10.0		µg/L	1	1/16/2018 2:48:00 PM
Acetone	ND	20.0		µg/L	1	1/16/2018 2:48:00 PM
Acrylonitrile	ND	5.00		µg/L	1	1/16/2018 2:48:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/11/2018 10:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-005
Client Sample ID: USDFW1011118
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Benzene	ND	0.300		µg/L	1	1/16/2018 2:48:00 PM
Bromobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Bromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Bromoform	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Bromomethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Carbon disulfide	ND	2.00		µg/L	1	1/16/2018 2:48:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Chlorobenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Chloroethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Chloroform	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Chloromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Dibromomethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Ethylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
m,p-Xylene	ND	2.00		µg/L	1	1/16/2018 2:48:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Methylene chloride	ND	50.0		µg/L	1	1/16/2018 2:48:00 PM
Naphthalene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
o-Xylene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Styrene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Toluene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Trichloroethene	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Vinyl chloride	ND	1.00		µg/L	1	1/16/2018 2:48:00 PM
Surr: 1,2-Dichloroethane-d4	91.6	75.3-126		%REC	1	1/16/2018 2:48:00 PM
Surr: 4-Bromofluorobenzene	95.3	78.1-120		%REC	1	1/16/2018 2:48:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT: Maul Foster & Alongi
Collection Date: 1/11/2018 10:30:00 AM
Project: POR Groundwater / 9003-01-28
Lab ID: 1801091-005
Client Sample ID: USDFW1011118
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	103	74.2-122		%REC	1	1/16/2018 2:48:00 PM
Surr: Toluene-d8	98.8	76.2-135		%REC	1	1/16/2018 2:48:00 PM

Specialty Analytical

Date Reported: 26-Feb-18

CLIENT:	Maul Foster & Alongi	**Collection Date:**	1/11/2018
Project:	POR Groundwater / 9003-01-28		
Lab ID:	1801091-006		
Client Sample ID:	Trip Blanks	**Matrix:**	WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		**PER CLIENT**				Analyst: **kel**
Hold	1/12/2018	0			1	1/12/2018 3:31:51 PM

QC SUMMARY REPORT

WO#: **1801091**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **6020_WDISS**

Sample ID	**ICV**	SampType:	**ICV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**ICV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

Sample ID	**MB-11241**	SampType:	**MBLK**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**PBW**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Sample ID	**CCV**	SampType:	**CCV**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:		RunNo:	**24442**
Client ID:	**CCV**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327706**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.4	0.100	50.00	0	98.7	90	110				

Sample ID	**1801064-002CDUP**	SampType:	**DUP**	TestCode:	**6020_WDISS**	Units:	**µg/L**	Prep Date:	**1/15/2018**	RunNo:	**24442**
Client ID:	**ZZZZZZ**	Batch ID:	**11241**	TestNo:	**SW6020A**			Analysis Date:	**1/15/2018**	SeqNo:	**327708**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100						0	0	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **6020_WDISS**

Sample ID **1801064-002CMS** SampType: **MS** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **1/15/2018** RunNo: **24442**

Client ID: **ZZZZZZ** Batch ID: **11241** TestNo: **SW6020A** Analysis Date: **1/15/2018** SeqNo: **327709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	54.1	0.100	50.00	0	108	70	130				

Sample ID **1801064-002CMSD** SampType: **MSD** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **1/15/2018** RunNo: **24442**

Client ID: **ZZZZZZ** Batch ID: **11241** TestNo: **SW6020A** Analysis Date: **1/15/2018** SeqNo: **327710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	54.9	0.100	50.00	0	110	70	130	54.05	1.56	20	

Sample ID **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **24442**

Client ID: **CCV** Batch ID: **11241** TestNo: **SW6020A** Analysis Date: **1/15/2018** SeqNo: **327713**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.2	0.100	50.00	0	98.4	90	110				

Sample ID **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **24442**

Client ID: **CCV** Batch ID: **11241** TestNo: **SW6020A** Analysis Date: **1/15/2018** SeqNo: **327721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.5	0.100	50.00	0	99.0	90	110				

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#: **1801091**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCV MSVWS-3009** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCV** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.6	1.00	40.00	0	93.9	80	120				
1,2-Dichloropropane	47.8	1.00	40.00	0	119	80	120				
Chloroform	46.2	1.00	40.00	0	116	80	120				
Ethylbenzene	39.4	1.00	40.00	0	98.4	80	120				
Toluene	38.8	1.00	40.00	0	97.0	80	120				
Vinyl chloride	34.0	1.00	40.00	0	84.9	80	120				

Sample ID **CCV MSVWS-3009** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCV** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328107**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.1	1.00	40.00	0	108	80	120				
1,2-Dichloropropane	42.4	1.00	40.00	0	106	80	120				
Chloroform	34.1	1.00	40.00	0	85.2	80	120				
Ethylbenzene	44.7	1.00	40.00	0	112	80	120				
Toluene	44.5	1.00	40.00	0	111	80	120				
Vinyl chloride	45.2	1.00	40.00	0	113	80	120				

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									

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

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **CCB** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.1		100.0		99.1	75.3	126				
Surr: 4-Bromofluorobenzene	97.2		100.0		97.2	78.1	120				
Surr: Dibromofluoromethane	104		100.0		104	74.2	122				
Surr: Toluene-d8	98.8		100.0		98.8	76.2	135				

Sample ID **LCS MSVWS-3010** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **LCSW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.0	1.00	40.00	0	105	61.2	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **LCS MSVWS-3010** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **LCSW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328121**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	43.1	0.300	40.00	0	108	76.8	125				
Chlorobenzene	43.2	1.00	40.00	0	108	84.1	116				
Toluene	44.4	1.00	40.00	0	111	82	122				
Trichloroethene	44.7	1.00	40.00	0	112	68.5	124				

Sample ID **1801064-001BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **ZZZZZZ** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328122**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.1	1.00	40.00	0	97.6	47.8	165				
Benzene	40.9	0.300	40.00	0	102	74.1	136				
Chlorobenzene	41.1	1.00	40.00	0	103	70.7	133				
Toluene	42.3	1.00	40.00	0	106	68.4	135				
Trichloroethene	42.8	1.00	40.00	0	107	50.8	164				

Sample ID **1801064-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **ZZZZZZ** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/16/2018** SeqNo: **328123**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.0	1.00	40.00	0	97.5	47.8	165	39.06	0.179	20	
Benzene	40.3	0.300	40.00	0	101	74.1	136	40.86	1.38	20	
Chlorobenzene	40.8	1.00	40.00	0	102	70.7	133	41.14	0.879	20	
Toluene	41.9	1.00	40.00	0	105	68.4	135	42.26	0.808	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#: **1801091**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID	**1801064-001BMSD**	SampType:	**MSD**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:		RunNo:	**24466**
Client ID:	**ZZZZZZ**	Batch ID:	**R24466**	TestNo:	**SW8260B**			Analysis Date:	**1/16/2018**	SeqNo:	**328123**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	41.7	1.00	40.00	0	104	50.8	164	42.78	2.56	20	

Sample ID	**MB**	SampType:	**MBLK**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:		RunNo:	**24466**
Client ID:	**PBW**	Batch ID:	**R24466**	TestNo:	**SW8260B**			Analysis Date:	**1/12/2018**	SeqNo:	**328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **PBW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **24466**

Client ID: **PBW** Batch ID: **R24466** TestNo: **SW8260B** Analysis Date: **1/12/2018** SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	105		100.0		105	75.3	126				
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	99.3		100.0		99.3	74.2	122				

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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8260_W**

Sample ID **MB**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **24466**
Client ID: **PBW**	Batch ID: **R24466**	TestNo: **SW8260B**		Analysis Date: **1/12/2018**	SeqNo: **328124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	100		100.0		100	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#: **1801091**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270AFLL_W**

Sample ID	**CCV MSSWS-1510**	SampType:	**CCV**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:		RunNo:	**24509**
Client ID:	**CCV**	Batch ID:	**11258**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328529**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	20.1	0.500	20.00	0	100	80	120				

Sample ID	**MB-11258**	SampType:	**MBLK**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24509**
Client ID:	**PBW**	Batch ID:	**11258**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328530**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	0.500									
Surr: 2,4,6-Tribromophenol	95.6		100.0		95.6	29.1	124				
Surr: 2-Fluorophenol	92.8		100.0		92.8	13.4	127.1				
Surr: Phenol-d6	98.8		100.0		98.8	10.6	128.5				

Sample ID	**LCS-11258**	SampType:	**LCS**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24509**
Client ID:	**LCSW**	Batch ID:	**11258**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328535**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	24.5	0.500	40.00	0	61.4	30	130				

Sample ID	**LCSD-11258**	SampType:	**LCSD**	TestCode:	**8270AFLL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24509**
Client ID:	**LCSS02**	Batch ID:	**11258**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328536**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	28.3	0.500	40.00	0	70.8	30	130	24.54	14.3	30	

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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270AFLL_W**

Sample ID	**LCSD-11258**	SampType: **LCSD**	TestCode: **8270AFLL_W**	Units: **µg/L**		Prep Date: **1/16/2018**		RunNo: **24509**				
Client ID:	**LCSS02**	Batch ID: **11258**	TestNo: **SW8270D**	**SW 3510C**		Analysis Date: **1/18/2018**		SeqNo: **328536**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

QC SUMMARY REPORT

WO#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID	**CCV MSSWS-1510**	SampType:	**CCV**	TestCode:	**8270LL_W**	Units:	**µg/L**	Prep Date:		RunNo:	**24507**
Client ID:	**CCV**	Batch ID:	**11257**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	17.4	0.500	20.00	0	86.9	80	120				
Acenaphthene	19.3	0.500	20.00	0	96.7	80	120				
Benzo(a)pyrene	18.2	0.500	20.00	0	90.9	80	120				
Fluoranthene	20.3	0.500	20.00	0	102	80	120				
Pentachlorophenol	20.1	0.500	20.00	0	100	80	120				

Sample ID	**MB-11257**	SampType:	**MBLK**	TestCode:	**8270LL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24507**
Client ID:	**PBW**	Batch ID:	**11257**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	0.500									
2,3,5,6-Tetrachlorophenol	ND	0.500									
2,4,5-Trichlorophenol	ND	0.500									
2,4,6-Trichlorophenol	ND	0.500									
2-Methylnaphthalene	ND	0.500									
Acenaphthene	ND	0.500									
Acenaphthylene	ND	0.500									
Anthracene	ND	0.500									
Benz(a)anthracene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Benzo(b)fluoranthene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Bis(2-ethylhexyl)phthalate	ND	0.500									

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

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID **MB-11257**	SampType: **MBLK**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date: **1/16/2018**	RunNo: **24507**
Client ID: **PBW**	Batch ID: **11257**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/18/2018**	SeqNo: **328515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbazole	ND	0.500									
Chrysene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Dibenzofuran	ND	0.500									
Fluoranthene	ND	0.500									
Fluorene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Naphthalene	ND	0.500									
Pentachlorophenol	ND	0.500									
Phenanthrene	ND	0.500									
Pyrene	ND	0.500									
Surr: 2,4,6-Tribromophenol	95.6		100.0		95.6	33.1	129.7				
Surr: 2-Fluorobiphenyl	100		100.0		100	33.1	126.2				
Surr: 2-Fluorophenol	92.8		100.0		92.8	13.4	127.1				
Surr: 4-Terphenyl-d14	95.9		100.0		95.9	41	122				
Surr: Nitrobenzene-d5	86.0		100.0		86.0	28.9	129.9				
Surr: Phenol-d6	98.8		100.0		98.8	10.6	128.5				

Sample ID **LCS-11257**	SampType: **LCS**	TestCode: **8270LL_W**	Units: **µg/L**	Prep Date: **1/16/2018**	RunNo: **24507**
Client ID: **LCSW**	Batch ID: **11257**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **1/18/2018**	SeqNo: **328519**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	25.9	0.500	40.00	0	64.7	42.4	124				
Pentachlorophenol	24.5	0.500	40.00	0	61.4	43.3	113				

QC SUMMARY REPORT

WO#: **1801091**

Specialty Analytical

27-Feb-18

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270LL_W**

Sample ID	**LCS-11257**	SampType:	**LCS**	TestCode:	**8270LL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24507**
Client ID:	**LCSW**	Batch ID:	**11257**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328519**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	30.0	0.500	40.00	0	75.1	35	119				

Sample ID	**LCSD-11257**	SampType:	**LCSD**	TestCode:	**8270LL_W**	Units:	**µg/L**	Prep Date:	**1/16/2018**	RunNo:	**24507**
Client ID:	**LCSS02**	Batch ID:	**11257**	TestNo:	**SW8270D**	**SW 3510C**		Analysis Date:	**1/18/2018**	SeqNo:	**328520**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	26.3	0.500	40.00	0	65.7	42.4	124	25.86	1.65	20	
Pentachlorophenol	28.3	0.500	40.00	0	70.8	43.3	113	24.54	14.3	20	
Pyrene	30.6	0.500	40.00	0	76.6	35	119	30.04	1.98	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#: **1801091**

27-Feb-18

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003-01-28 **TestCode:** **8270POR_W**

Sample ID **20 PPM ICAL** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **24890**

Client ID: **CCV** Batch ID: **R24890** TestNo: **SW8270D** Analysis Date: **2/20/2018** SeqNo: **333208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,4-Trichlorophenol	21.3	1.00	20.00	0	107	80	120				
2,3,5-Trichlorophenol	20.8	1.00	20.00	0	104	80	120				
2,3,6-Trichlorophenol	20.8	1.00	20.00	0	104	80	120				
3,4,5-Trichlorophenol	19.7	1.00	20.00	0	98.7	80	120				

Sample ID **MB** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **24890**

Client ID: **PBW** Batch ID: **R24890** TestNo: **SW8270D** Analysis Date: **2/20/2018** SeqNo: **333209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Surr: 2,4,6-Tribromophenol	69.4		100.0		69.4	33.1	99.7				
Surr: 2-Fluorobiphenyl	68.1		100.0		68.1	33.1	96.2				
Surr: 2-Fluorophenol	36.0		100.0		36.0	13.4	57.1				
Surr: 4-Terphenyl-d14	66.2		100.0		66.2	41	122				
Surr: Nitrobenzene-d5	64.8		100.0		64.8	28.9	99.9				
Surr: Phenol-d6	27.4		100.0		27.4	10.6	38.5				

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
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: ANDY VIDOURek
Company: MAUL FOSTER & ALONGI
Address: 400 EAST MILLPLAIN BLVD. SUITE 400
VANC. WA 98660
Phone: 360-694-269 Fax: 360-906-4958
Project No. 9003-01-28 Project Name: POR CROWN WATER
Project Site Location OR ____ WA X Other ____
Invoice To: PORT OF RIDGEFIELD P.O. No. ____

Collected By:
Signature: Pat Kirby
Printed: PAT KIRBY

Signature: ____
Printed: KEVIN OLDHAM

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. SA 1801091
Shipped Via: ____
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	Analyses: PORT SVOC LIST (8270D)	PENTACHLORETHENE (8270D)	VOCs (8260B)	TETRACHLORETHENE (8260B)	DISSOLVED ARSENIC (6020)	Comments	Lab I.D.
1-10-18	10:25	MW58D011018	WATER	5		X	X		X		
	10:57	MW56011018		4	X		X				
	14:09	RMW2D011018		1		X					
	14:37	RMW2S011018		1		X					
1-11-18	10:30	USDFW1011118		5		X	X		X		
		TRIP BLANKS		3							

Relinquished By:	Date	Time	Received By:	Relinquished By:	Date	Time
PAT KIRBY	1-12-18	951			1-12-18	1434
Company: PORT OF RIDGEFIELD			Company: AL SA	Company: AL SA		

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: K. [illegible] Date 1-12-18 Time 1435

ATTACHMENT B

DATA QUALITY ASSURANCE AND QUALITY CONTROL REVIEW MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.28 | MAY 7, 2018 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected on the former Pacific Wood Treating Co. (PWT) Site in Ridgefield, Washington. The samples were collected by the Port of Ridgefield (Port) in January 2018.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1801064_rev3 and 1801091_rev5 were reviewed. Analyses performed and samples analyzed are listed below.

Analysis	Reference
Dissolved Metals	USEPA 6020A
Semivolatile Organic Compounds	USEPA 8270D
VOCs	USEPA 8260B

VOC = volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed		
Report 1801064_rev3		**Report 1801091_rev5**
MW61010518	MW62010818	MW58D011018
MW63010518	MW57D010918	MW56011018
MW47D010818	MW57DDUP010918	RMW2D011018
MWS29D010818	MW57S010918	RMW2S011018
MW46D010818	MW55010918	USDFW101118
MW46S010818	MW55D010918	TRIP BLANKS
MW45D010818	MW55S010918	-
MW45DUP010818	TRIP BLANKS	-

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2017a,b) 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

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. All laboratory method blanks were non-detect.

Trip Blanks

Trip blank samples were submitted on hold to SA with sample delivery groups 1801064_rev3 and 1801091_rev5. At least one sample in each delivery group was non-detect for all USEPA Method 8260B VOCs; thus, no action was required.

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 remaining 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. All duplicate samples were extracted and analyzed at the required frequency. All laboratory duplicate RPDs were within acceptance limits.

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. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Two field duplicates were submitted for analysis (MW45D010818/MW45DDUP010818 and MW57D010918/ MW57DDUP010918). 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. Because of RPD exceedances, the reviewer qualified the following results with "J" as estimated.

Report	Sample	Component	RPD (%)	Original Result (ug/L)	Qualified Result (ug/L)
1801064_rev3	MW57D010918	2,4,5-Trichlorophenol	58.9	1.69	1.69 J
	MW57DDUP010918			3.10	3.10 J
	MW57D010918	Carbazole	51.94	2.38	2.38 J
	MW57DDUP010918			4.05	4.05 J
	MW57D010918	Dibenzofuran	62.4	1.28	1.28 J
	MW57DDUP010918			2.44	2.44 J

NOTES:
J = Result is estimated.
ug/L = micrograms per liter.

All remaining analytes were within the acceptance criteria.

INITIAL AND CONTINUING CALIBRATION VERIFICATION RESULTS

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

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

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

In report 1801064_rev3, the chain of custody requested "pentachloroethene" by USEPA Method 8270D. The laboratory reported pentachlorophenol by USEPA Method 8270D. The reviewer confirmed that the laboratory-reported analyte was correct for the project. No additional action was required.

In reports 1801064_rev3 and 1801091_rev5, 2,3,4,6-tetrachlorophenol, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, and 3,4,5-trichlorophenol were not included in any of the initial USEPA Method 8270D analyses. The sample extracts were reanalyzed within

hold time with appropriate calibration verification standards and method blanks; the reviewer confirmed that the correct selected analytes had been reported for the LCS/LCSD. Data were complete; thus, no results were qualified.

No additional issues were found.

REFERENCES

SA. 2016. Laboratory quality assurance plan. Rev. 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. 2017a. USEPA contract laboratory program, national functional guidelines for inorganic Superfund methods data review. EPA 540-R-2017-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

USEPA. 2017b. 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.

October 25, 2016
Project No. 9003.01.28

Mr. Craig Rankine
Washington State Department of Ecology
2108 Grand Boulevard, MS: S-70
Vancouver, Washington 98661-4622

Re: August 2016 groundwater monitoring for former Pacific Wood Treating Co. site
Port of Ridgefield, Lake River Industrial Site
Agreed Order No. 01TCPSR-3119

Dear Mr. Rankine:

In August 2016, groundwater samples were collected from monitoring well locations on the former Pacific Wood Treating Co. (PWT) site. The PWT site includes the Lake River Industrial Site (LRIS) which is owned by the Port of Ridgefield (Port). Samples were collected from point of compliance (POC) monitoring wells located on Cells 2 and 3 of the LRIS and on the Ridgefield National Wildlife Refuge (RNWR), and were sent to Specialty Analytical, Inc., in Clackamas, Oregon, for analysis. On behalf of the Port, Maul Foster & Alongi, Inc., has provided below a summary of the groundwater data from these samples. Refer to the attached figure for monitoring well locations. The attached Table 1 summarizes the completion details for POC wells.

Groundwater monitoring results are discussed separately in this letter for the two distinct plumes on the PWT site. One of the plumes originates in Cells 1 and 2 of the LRIS and extends northwest under the RNWR; the second plume is located in Cell 3 of the LRIS, potentially extending beneath Lake River. The anticipated sampling dates through six years, as described in the final Cleanup Action Plan[1] (CAP), are as follows:

- August 2013 (completed)
- January 2014 (completed)
- August 2014 (completed)
- January 2015 (completed)
- August 2016 (completed)
- January 2018

SUMMARY

Sampling was conducted on the PWT site during typical low water in August, using low-flow sampling techniques consistent with the CAP by Port personnel. Cell 2 and RNWR samples were collected in the shallow and deep portions of the upper water-bearing zone (UWBZ) and

[1] Ecology. Cleanup action plan, former Pacific Wood Treating Co. site. Prepared by the Washington State Department of Ecology, October 2013.

in the lower water-bearing zone. In Cell 3, groundwater samples were collected from the shallow and deep portions of the UWBZ.

Groundwater samples were analyzed, consistent with the CAP, for semivolatile organic compounds (SVOCs) by U.S. Environmental Protection Agency (USEPA) Method 8270D; for volatile organic compounds (VOCs) by USEPA 8260B; and for dissolved arsenic by USEPA Method 6020 (see Table 2).

ANALYTICAL RESULTS

Analytical results were compared to their respective Model Toxics Control Act Method B cleanup levels (CULs), except for arsenic results, which are compared to Method A CULs. The Method A CUL for arsenic is based on natural background concentrations in groundwater in Washington State.

The August 2016 laboratory analytical reports and a data quality assurance and quality control (QA/QC) review memorandum are included as Attachments A and B, respectively. Data QA/QC results indicate that data are acceptable for their intended use, with the appropriate data qualifiers assigned. The VOC and SVOC analytical tables discussed below summarize only analytes with historical or current exceedances of a CUL. Groundwater analytical tables showing all historical data are included in the remedial investigation and feasibility study report for the PWT site.[2]

Cells 1 and 2 Plume

The Cells 1 and 2 plume POC monitoring wells are located along the bank of Lake River to the west and in the RNWR near Carty Lake to the north. The plume generally flows to the west toward Lake River, but the shallow portion of the UWBZ has a northerly component. Tables 3 through 5 summarize analytical results for the 2016 sampling event and include past sampling results. The following analytes exceeded their respective CULs in samples collected during August 2016:

- Pentachlorophenol (PCP)
- Noncarcinogenic polycyclic aromatic hydrocarbons
  - Dibenzofuran, 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene
- VOCs
  - Benzene, tetrachloroethene (PCE), trichloroethene, and vinyl chloride
- Dissolved arsenic

[2] MFA. Final remedial investigation and feasibility study, former Pacific Wood Treating Co. site. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington, July 1, 2013.

Five of the 13 POC wells (MW-61, MW-63, USDFW-1, RMW-2S, and RMW-2D) did not have compounds that exceeded a CUL. Concentrations of indicator hazardous substances (IHSs) show that IHSs in groundwater are generally stable or decreasing (see Tables 3 through 5). The CUL exceedances in the August 2016 samples are generally consistent with the exceedances identified in past monitoring events.

Cell 3 Plume

The POC wells for the Cell 3 plume are located along the bank of Lake River and near the southeast LRIS property boundary. The plume generally flows to the west toward Lake River. PCP, PCE, and arsenic are the IHSs in the Cell 3 plume; the August 2016 results show generally stable or decreasing trends (see Table 6). Note that this was the first monitoring event where PCE was below the CUL in all POC monitoring well samples.

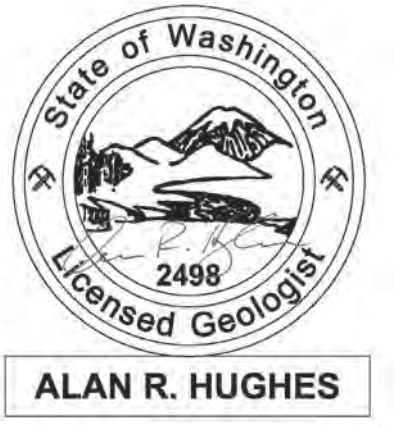
RECOMMENDATION

Based on the stable and declining trends of IHSs on the LRIS, it is recommended that the POC wells be sampled as scheduled in the CAP. The next monitoring event is planned for January 2018. If sample results from the January 2018 event are similar to the previous six events, the Port will request that the sampling schedule is extended to a 5 year interval since the remedial action has created generally stable or declining trends for IHSs in groundwater throughout the site.

Please contact me if there are any questions regarding this letter.

Sincerely,

Maul Foster & Alongi, Inc.



Alan R. Hughes, LG
Senior Geologist

Attachments: Limitations
Tables 1 through 6
Figure
A—Laboratory Analytical Report
B—Data Quality Assurance and Quality Control Review Memorandum

cc: Laurie Olin, Port of Ridgefield

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

TABLES

Table 1
POC Monitoring Well Completion Details
Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Point	Coordinates		Measuring Point Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Total Depth Drilled (ft bgs)	Total Depth Casing (ft bgs)	Sump Interval (ft bgs)	Screened Interval (ft bgs)	Filter Pack Interval (ft bgs)	Secondary Filter Pack Interval (ft bgs)	Surface Seal (ft bgs)	Borehole Diameter (inches)	Well Diameter (inches)	Drilling Method	Date of Installation	Lithologic Unit Screened
	Northing	Easting														
Upper Water-Bearing Zone																
Shallow Upper Water-Bearing Zone																
MW-46S	184843.90	1066565.10	15.33	19.65	25.5	15	25 - 25.5	15 - 25	13 - 25.5	--	0 - 13	10.25	2	HSA	Jul-04	Alluvium
MW-55S	185715.9599	1066288.645	26.88	24.27	31.3	30	30.9 - 30.4	20.9 - 30.9	18.0 - 31.3	--	0 - 18.0	6	2	Sonic	Aug-10	Alluvium
MW-57S	185715.4938	1066288.473	26.88	24.35	30.0	17	27 - 27.5	17 - 27	15 - 30	--	0 - 15	8	2	Sonic	Jun-08	Alluvium
RMW-2S	186524.851	1066680.832	16.66	13.39	15.0	5	--	5 - 15	4 - 15	--	3 - 4	10.25	2	HSA	Nov-00	Gravel
Deep Upper Water-Bearing Zone																
MW-29D	184616.22	1066953.26	25.42	23.23	53.5	43	53-53.5	43-53	40-53.5	--	0-40	8	2	Becker	Aug-04	Gravel
MW-45D	185011.82	1066517.56	22.16	20.42	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-46D	184839.34	1066567.00	14.18	19.52	50.0	38	48 - 48.5	38 - 48	36 - 48.5	--	2 - 36.0	10.25	2	HSA	Jul-04	Gravel
MW-47D	184558.46	1066722.03	19.56	19.95	53.5	41	51 - 51.5	41 - 51	39.5 - 51.5	--	2 - 39.5	10.25	2	HSA	Jul-04	Gravel
MW-55D	185768.717	1066133.905	27.10	24.44	80.0	78.3	75.0 - 75.5	65.0 - 75.0	63.0 - 76.0	59.0 - 63.0	0 - 59.0	6	2	Sonic	Aug-10	Alluvium
MW-57D	185719.5269	1066292.568	26.45	24.21	80.0	74.9	74.4 - 75.9	64.4 - 74.4	65.1 - 77.9	--	3 - 65.1	8	2	Sonic	Jun-08	Gravel
MW-58D	186013.7436	1066028.897	27.73	24.32	75.0	64.3	74.3 - 74.8	64.3 - 74.3	62.5 - 75.0	--	2 - 62.5	8	2	Sonic	Jun-08	Gravel
USDFW-1	186325.7682	1066660.526	15.35	10.76	22.7	12.2	--	12.2 - 22.2	11.1 - 22.7	9.8 - 11.1	0 - 9.8	10.25	2	HSA	Oct-01	Gravel
RMW-2D	186528.3044	1066680.006	17.24	13.44	31.5	19.5	--	19.5 - 29.5	17.5 - 31.5	--	3 - 17.5	10.25	2	HSA	Nov-00	Gravel
Lower Water-Bearing Zone																
MW-55	185758.1565	1066145.061	27.88	24.90	112.3	89	99 - 99.5	89 - 99	86 - 100.3	--	2 - 86.0	8	2	Sonic	Jun-08	Troutdale
MW-56	186004.4964	1066031.162	26.48	23.84	120.0	103	113 - 113.5	103 - 113	100.4 - 116	--	2 - 100.4	8	2	Sonic	Jun-08	Troutdale
MW-60	186433.6577	1066435.733	15.2682	12.46	90.0	63.5	73.5 - 74	63.5 - 73.5	61.9 - 75	--	3 - 61.9	8	2	Sonic	Jul-08	Troutdale
MW-61	186698.58	1065859.148	18.298	15.79	104.5	104.5	102.0 - 102.5	92.0 - 102.0	90.5 - 103	--	0 - 90.5	6	2	Sonic	Aug-10	Troutdale
MW-62	185309.338	1066390.093	27.439	24.631	121.0	117.8	114.6 - 115.1	104.6 - 114.6	102.0 - 116.5	96.0 - 102.0	0 - 96.0	6	2	Sonic	Aug-10	Troutdale
MW-63	186802.255	1066287.113	17.12	15.14	116.0	115.5	115.0 - 115.5	105.0 - 115.0	102.0 - 115.5	--	0 - 102.0	8	2	Sonic	Sep-12	Troutdale

NOTES:

-- = not available or not applicable.

Becker = DR-24 air rotary.

ft bgs = feet below ground surface.

ft NGVD = feet National Geodetic Vertical Datum of 1927/1947.

HSA = hollow-stem auger.

POC = point of compliance.

Sonic = rotosonic.

Table 2
POC Monitoring Wells and Analytical Testing Summary
Pacific Wood Treating Co. Site
Ridgefield, Washington

Monitoring Well	Depth to Water	Sampling and Analysis		
		SVOCs by USEPA 8270D	Arsenic by USEPA 6020	VOCs by USEPA 8260B
LWBZ				
MW-55	x	PCP only		x
MW-56	x	x		x
MW-61	x	x		x
MW-62	x	PCP only		PCE only
MW-63	x	x	x	x
UWBZ				
Shallow UWBZ				
MW-46S	x		x	
MW-55S	x	x	x	x
MW-57S	x	x	x	x
RMW-2s	x	PCP only		
Deep UWBZ				
MW-29D	x			PCE only
MW-45D	x	PCP only		PCE only
MW-46D	x			PCE only
MW-47D	x			PCE only
MW-55D	x	PCP only	x	x
MW-57D	x	x	x	x
MW-58D	x	PCP only	x	x
USDFW-1	x	PCP only	x	x
RMW-2d	x	PCP only		
Surface Water				
CL-3	x			
River Gauge	x			

NOTES:

During sampling events, samples from MW-45D and MW-57D will be duplicated.

only = Only wells with consistent indicator hazardous substance (IHS) detections will be analyzed for those specific IHSs, such as PCE or PCP. Note that some of the groundwater samples may have detected other IHSs in past sampling (i.e., before steam-enhanced remediation system operation) or only infrequently.

LWBZ = lower water-bearing zone.

PCP = pentachlorophenol.

PCE = tetrachloroethene.

POC = point of compliance.

SVOC = semivolatile organic compound.

USEPA = U.S. Environmental Protection Agency.

UWBZ = upper water-bearing zone.

VOC = volatile organic compound.

x = Indicates that the action or analysis is to be conducted during each monitoring event.

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
Cell 2 Monitoring Wells (UWBZ)								
MW-55S	08/20/2010	MW55S082010	4.74	**3.47**	**2490**	1 U	1 U	1 U
	01/14/2011	MW55S011411	3.37	0.34	**1900**	1 U	1 U	1 U
	08/08/2011	MW55S080811	4.09	0.3 U	**938**	1 U	1 U	1 U
	01/12/2012	MW55S011212	4.3	0.32	**718**	1 U	1 U	1 U
	08/13/2013	MW-55S-20130813-GW	1 U	0.32	134	1 U	1 U	1 U
	01/24/2014	MW55S012414	1.1	0.3 U	**176**	1 U	1 U	1 U
	07/23/2014	MW55S072314	1 U	0.3 U	115	1 U	1 U	1 U
	01/15/2015	MW55S011515	1.09	0.3 U	**310**	1 U	1 U	1 U
	08/11/2016	MW55S081116	1.22	0.3 U	**179**	1 U	1 U	1 U
MW-55D	09/07/2010	MW55D090710	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2011	MW55D011411	1 U	**3.81**	1 U	**5.98**	3.06	1 U
	08/08/2011	MW55D080811	1 U	0.4	1 U	**7.2**	3.52	1 U
	01/12/2012	MW55D011212	1 U	**4.18**	1.3 J	**14.7**	**4.07**	1 U
	08/13/2013	MW-55D-20130813-GW	1 U	**8.1**	1.59	**7.2**	**7.72**	1 U
	01/24/2014	MW55D012414	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/23/2014	MW55D072314	1 U	**3.13**	1 U	3.34	1.54	1 U
	01/15/2015	MW55D011515	1.1	**4.23**	2.3	4.22	2.28	1 U
	08/11/2016	MW55D081116	1 U	**2.48**	26	4.23	2.81	1 U
MW-57S	08/15/2008	MW57S081508	**529**	**2.0**	**17700**	1 U	1 U	1 U
	10/06/2008	MW-57S100608	**561**	**1.65**	**27200**	1 U	1 U	1 U
	01/27/2009	MW57S012709	**463**	**1.4**	**17000**	1 U	1 U	1 U
	04/07/2009	MW57S040709	223	**1.4**	**11100**	1 U	1 U	1 U
	08/06/2009	MW57S080609	**497**	**2.32**	**13100**	1 U	1 U	1 U
	01/13/2010	MW57S011310	**813**	0.64	**16300**	1 U	1 U	1 U
	08/12/2010	MW57S081210	**567**	**2.08**	**16600**	1 U	1 U	1 U
	01/14/2011	MW57S011411	**816**	**2.13**	**22800**	1 U	1 U	1 U
	08/25/2011	MW57S082511	**541**	**1.76**	**18700**	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
MW-57S	01/11/2012	MW57S011112	**478**	**1.44**	**19200**	1 U	1 U	1 U
	08/13/2013	MW-57S-20130813-GW	140	**1.26**	**1640**	1 U	1 U	1 U
	01/22/2014	MW57S012214	**527**	**1.39**	**20800**	1 U	1 U	1 U
	07/23/2014	MW57S072314	**413**	**1.8**	**11800**	1 U	1 U	1 U
	01/14/2015	MW57S011415	**464**	**1.4**	**19900**	1 U	1 U	1 U
	08/12/2016	MW57S081216	229	0.79	**13800**	1 U	1 U	1 U
MW-57D	08/14/2008	MW57D081508	1 U	**33.7**	141 B	**102**	**13.5**	**3.89**
	10/06/2008	MW-57D100608	1 U	**29.1**	77.3	**117 B**	**13.6**	**3.41**
dup	10/06/2008	MW-57D100608-Dup	1 U	**32.6**	118	**104 B**	**12.4**	**5.07**
	01/27/2009	MW57D012709	1 U	**28.3**	98.8	**76.9**	**11.4**	**4.42**
dup	01/27/2009	MW57D012709-Dup	1 U	**27.7**	104	**75.2**	**11.7**	**4.29**
	04/07/2009	MW57D040709	1 U	**32.4**	51.6	**76.6**	**13.5**	**4.38**
dup	04/07/2009	MW57D040709-Dup	1 U	**33.3**	66.3	**77.4**	**14.1**	**4.65**
	08/06/2009	MW57D080609	2.2	**28.1**	94.1	**82.0**	**11.7**	**1.52**
	01/13/2010	MW57D011310	1 U	**33.6**	96.4	**97.6**	**14.4**	**5.6**
dup	01/13/2010	MW57D011310-Dup	1 U	**31.6**	131	**91.1**	**13.3**	**6**
	08/12/2010	MW57D081210	1 U	**31.3**	134	**98.3**	**16.6**	**4.2**
dup	08/12/2010	MW57D081210-Dup	1 U	**25.4**	107	**71.0**	**12.8**	**3.26**
	01/14/2011	MW57D011411	1 U	**30.6**	**161**	**103**	**14.2**	**3.52**
dup	01/14/2011	MW57DDUP011411	1 U	**32.5**	**177**	**113**	**14.5**	**3.73**
	08/25/2011	MW57D082511	1 U	**27.1**	128	**87.4**	**14.2**	**4.55**
dup	08/25/2011	MW57DDUP082511	1 U	**28.7**	132	**93.5**	**14.5**	**5.03**
	01/11/2012	MW57D011112	1 U	**31.0**	125	**97.0**	**12.6**	**7.61**
dup	01/11/2012	MW57DDUP011112	1 U	**29.2**	133	**90.7**	**11.8**	**3.53**
	08/13/2013	MW-57D-20130813-GW	1 U	**5.79**	2.22	1 U	2.33	1 U
dup	08/13/2013	MW-57D-20130813-GW-DUP	1 U	**5.3**	1.91	1 U	2.09	1 U
	01/22/2014	MW57D012214	1.84	**16.1**	**302**	**42**	**7.13**	**1.55**
dup	01/22/2014	MW57DDUP012214	2.05	**17.2**	**288**	**44.8**	**7.64**	**2.04**

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
MW-57D	07/23/2014	MW57D072314	1.11	**25.6**	143	**65.6**	**11.8**	1 U
dup	07/23/2014	MW57DDUP072314	1.05	**26.7**	145	**66**	**12.1**	1 U
	01/14/2015	MW57D011415	1.22	**19.4**	**175**	**53.3**	**9.31**	**1.78**
dup	01/14/2015	MW57DDUP011415	1.3	**20.7**	**177**	**55**	**10**	**2.17**
	08/12/2016	MW57D081216	1 U	**14.5**	**203**	**31.6**	**6.85**	**1.78**
dup	08/12/2016	MW57DDUP081216	1 U	**14.7**	**194**	**31.1**	**7**	**1.98**
MW-58D	08/13/2008	MW58D081308	1 U	**6.69**	1 U	1 U	1 U	1 U
	10/08/2008	MW-58D100808	1 U	**9.62**	1 U	1 U	1 U	1 U
	01/27/2009	MW58D012709	1 U	**8.15**	1 U	1 U	1 U	1 U
	04/07/2009	MW58D040709	1 U	**6.62**	1 U	1 U	1 U	1 U
	08/06/2009	MW58D080609	1 U	**10.3**	1 U	1 U	1 U	1 U
	01/14/2010	MW58D011410	1 U	**16.1**	1 U	1 U	1 U	1 U
	08/12/2010	MW58D081210	1 U	**13.6**	1 U	1 U	1 U	1 U
	01/19/2011	MW58D011911	1 U	**19.5**	1 U	1 U	1 U	1 U
	08/26/2011	MW58D082611	1 U	**18.3**	1 U	1 U	1 U	1 U
	01/13/2012	MW58D011312	1 U	**26.2**	1 U	1 U	1 U	1 U
	08/13/2013	MW-58D-20130813-GW	1 U	**8.63**	1 U	1 U	1 U	1 U
	01/23/2014	MW58D012314	1 U	**10.5**	1 U	1 U	1 U	1 U
	07/24/2014	MW58D072414	1 U	**10.4**	1 U	1 U	1 U	1 U
	01/15/2015	MW58D011515	1 U	**15.2**	1 U	1 U	1 U	1 U
	08/11/2016	MW58D081116	1 U	**8.43**	1 U	1 U	1 U	1 U
RNWR Monitoring Wells (UWBZ)								
USDFW-1	10/24/2003	USDFW-1-102403	6.3	**4.3**	**170**	1.1	**7.5**	**1.5**
	05/04/2004	USDFW1-050404	3	**3**	95	0.50 U	3.9	**1.4**
	08/13/2004	USDFW1-081304	2.0 U	**3.2**	37	1.1	1.8	**1**
	10/25/2004	USDFW1-102504	2.0 U	**1.6**	50	0.50 U	2.5	**1.2**
	01/28/2005	USDFW1012805	1 U	**1.43**	31.8	1 U	1.42	**1.15**
	07/28/2005	USDFW1072805	1 U	**1.1**	4.68	1 U	1 U	0.2 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
USDFW-1	02/01/2006	USDFW1020106	1 U	0.43	1 U	1 U	1 U	**1.41**
	08/11/2006	USDFW1081106	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/22/2007	USDFW1012207	1 U	0.55	1 U	1 U	1 U	**1.15**
	08/27/2007	USDFW1082707	1 U	0.41	1 U	1 U	1 U	1 U
	01/28/2008	USDFW1012808	1 U	0.4	1 U	1 U	1 U	1 U
	08/21/2008	USDW1082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	USDFW1020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	USDFW1080709	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/28/2010	USDFW1012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	USDFW1082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	USDFW1012611	1 U	0.3 U	1 U	1 U	2.07	1 U
	09/06/2011	USDFW1090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	USDFW1012512	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2012	USDFW1080712	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/14/2013	USDFW-1-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/27/2014	USDFW1012714	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/21/2014	USDFW1072114	1 U	0.3 U	8.74	1 U	1 U	1 U
	01/13/2015	USDFW1011315	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2016	USDFW1081216	1 U	0.3 U	1 U	1 U	1 U	1 U
RMW-2S	08/21/2008	RMW2S082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	10/09/2008	RMW2S100908	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	RMW2S020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/08/2009	RMW2S040809	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	RMW2S080709	1 U	0.3 U	1 U	1 U	1.12	1 U
	01/28/2010	RMW2S012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	RMW2S082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	RMW2S012611	1 U	0.3 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
RMW-2S	09/06/2011	RMW2S090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	RMW2S012512	1 U	0.3 U	1 U	1 U	1 U	1 U
RMW-2D	08/21/2008	RMW2D082108	1 U	0.3 U	1 U	1 U	1 U	1 U
	10/09/2008	RMW2D100908	1 U	0.3 U	1 U	1 U	1 U	1 U
	02/03/2009	RMW2D020309	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/08/2009	RMW2D040809	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2009	RMW2D080709	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/28/2010	RMW2D012810	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2010	RMW2D082610	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/26/2011	RMW2D012611	1 U	0.3 U	1 U	1 U	1 U	1 U
	09/06/2011	RMW2D090611	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/25/2012	RMW2D012512	1 U	0.3 U	1 U	1 U	1 U	1 U
Cell 2 Monitoring Wells (LWBZ)								
MW-55	08/14/2008	MW55081408	1 U	0.3 U	1 U	**5.91**	**4.66**	1 U
	10/03/2008	MW55100308	1 U	0.3 U	1 U	**6.04**	**5.19**	1 U
	01/27/2009	MW55012709	1 U	0.3 U	1 U	4.81	3.96	1 U
	04/07/2009	MW55040709	1 U	0.3 U	1 U	3.55	**4.12**	1 U
	08/06/2009	MW55080609	1 U	0.3 U	1 U	3.4	3.68	1 U
	01/14/2010	MW55011410	1 U	0.3 U	1 U	3.75	**4.05**	1 U
	08/12/2010	MW55081210	1 U	0.3 U	1 U	**5.16**	**5.03**	1 U
	01/14/2011	MW55011411	1 U	0.3 U	1 U	4.79	3.77	1 U
	08/08/2011	MW55080811	1 U	0.3 U	1 U	2.91	3.12	1 U
	01/12/2012	MW55011212	1 U	0.3 U	1 U	3.94	3.02	1 U
	08/13/2013	MW-55-20130813-GW	1 U	0.3 U	1 U	2.2	2.21	1 U
	01/24/2014	MW55012414	1 U	0.3 U	1 U	2.26	1.75	1 U
	07/23/2014	MW55072314	1 U	0.3 U	1 U	1.94	2.03	1 U
	01/15/2015	MW55011515	1 U	0.3 U	1 U	1.8	1.68	1 U
	08/11/2016	MW55081116	1 U	0.3 U	1 U	1 U	1.06	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
MW-56	08/21/2008	MW56082108	1 U	0.3 U	1 U	1 U	1.04	1 U
	10/08/2008	MW-56100808	1 U	0.3 U	1.98	1 U	1 U	1 U
	01/27/2009	MW56012709	1 U	0.3 U	1 U	1 U	1 U	1 U
	04/07/2009	MW56040709	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/06/2009	MW56080609	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2010	MW56011410	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2010	MW56081210	1 U	0.3 U	1 U	1 U	1.01	1 U
	01/19/2011	MW56011911	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/26/2011	MW56	1 U	0.3 U	1 U	1 U	1.08	1 U
	01/13/2012	MW56011312	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/13/2013	MW-56-20130813-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW56012314	1 U	0.3 U	1 U	1 U	1 U	1 U
	07/24/2014	MW56072414	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/15/2015	MW56011515	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/11/2016	MW56081116	1 U	0.3 U	1 U	1 U	1 U	1 U
MW-62	09/08/2010	MW62090810	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/14/2011	MW62011411	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/25/2011	MW62082511	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/11/2012	MW62011112	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/07/2012	MW62080712	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/13/2013	MW-62-20130813-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/22/2014	MW62012214	--	--	--	1 U	--	--
	07/22/2014	MW62072314	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/13/2015	MW62011415	--	--	--	1 U	--	--
	08/15/2016	MW62081516	--	--	--	1 U	--	--
RNWR Monitoring Wells (LWBZ)								
MW-61	09/03/2010	MW61090310	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/24/2011	MW61012411	1 U	0.3 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	1,2,4-Trimethyl-benzene	Benzene	Naphtha-lene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
MTCA Method B Groundwater Cleanup Level			400[a]	0.8	160	5	4	0.029
MW-61	09/02/2011	MW61090211	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/24/2012	MW61012412	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/06/2012	MW61080612	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/14/2013	MW-61-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW61012314	1 U	0.3 U	3.45	1 U	1 U	1 U
	07/22/2014	MW61072214	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/12/2015	MW61011215	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2016	MW61081216	1 U	0.3 U	1 U	1 U	1 U	1 U
MW-63	09/20/2012	MW63-W-110.0	0.5 U	0.3 U	1 U	1 U	0.3 U	0.3 U
	08/14/2013	MW-63-20130814-GW	1 U	0.3 U	1 U	1 U	1 U	1 U
	01/23/2014	MW63012314	1 U	0.3 U	1.67	1 U	1 U	1 U
	07/22/2014	MW63072214	1 U	0.3 U	2.5	1 U	1 U	1 U
	01/12/2015	MW63011215	1 U	0.3 U	1 U	1 U	1 U	1 U
	08/12/2016	MW63081216	1 U	0.3 U	1 U	1 U	1 U	1 U

NOTES:

Bold indicates detected concentration that exceeds MTCA Method B groundwater cleanup level.

-- = not analyzed.

B = Blank exhibited positive result greater than reporting limit for this compound.

dup = duplicate sample.

J = Result for analyte is estimated concentration.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

[a]Cleanup levels were developed using the Method B cleanup level in use on July 1, 2013, during the publication of the remedial investigation and feasibility study.

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs							
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
MTCA Method B Groundwater Cleanup Level			0.22	NV	0.012	NV	NV	NV	NV	NV	NV
Cell 2 Monitoring Wells (UWBZ)											
MW-55S	08/20/2010	MW55S082010	1.43 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
	01/14/2011	MW55S011411	**2.61**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
	08/08/2011	MW55S080811	1.44 U	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U
	01/12/2012	MW55S011212	1.44 U	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U
	08/13/2013	MW-55S-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/24/2014	MW55S012414	1.42 UJ	0.943 UJ	0.943 UJ	0.943 UJ	0.943 UJ	--	0.943 UJ	0.943 UJ	0.943 UJ
	07/23/2014	MW55S072314	1.42 U	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U
	01/15/2015	MW55S011515	LE	LE	LE	LE	LE	--	LE	LE	LE
	08/11/2016	MW55S081116	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
MW-55D	09/07/2010	MW55D090710	**632**	0.982 U	0.982 U	0.982 U	0.982 U	--	0.982 U	0.982 U	0.982 U
	01/14/2011	MW55D011411	**185**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/08/2011	MW55D080811	7.15 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
	01/12/2012	MW55D011212	**364**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U
	08/13/2013	MW-55D-20130813-GW	0.5 U	--	--	--	--	--	--	--	--
	01/24/2014	MW55D012414	**17.9**	--	--	--	--	--	--	--	--
	07/23/2014	MW55D072314	**262**	--	--	--	--	--	--	--	--
	01/15/2015	MW55D011515	**163**	--	--	--	--	--	--	--	--
	08/11/2016	MW55D081116	**259**	--	--	--	--	--	--	--	--
MW-57S	08/15/2008	MW57S081508	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	10/06/2008	MW-57S100608	**2.84**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
	01/27/2009	MW57S012709	**3.52**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
	04/07/2009	MW57S040709	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	08/06/2009	MW57S080609	**12**	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U
	01/13/2010	MW57S011310	**1.87**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/12/2010	MW57S081210	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	01/14/2011	MW57S011411	**1.46**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U
	08/25/2011	MW57S082511	1.45 U	0.964 U	0.964 U	0.964 U	0.964 U	--	0.964 U	0.964 U	0.964 U
	01/11/2012	MW57S011112	1.44 U	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U
	08/13/2013	MW-57S-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/22/2014	MW57S012214	**6.89**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	07/23/2014	MW57S072314	**1.7**	0.152 U	0.158 U	0.336 U	0.186 U	--	0.202 U	0.467 U	0.482 U
	01/14/2015	MW57S011415	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/12/2016	MW57S081216	**6.46**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
MW-57D	08/14/2008	MW57D081508	**8220**	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	10/06/2008	MW-57D100608	**4800**	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U
dup	10/06/2008	MW-57D100608-Dup	**4080**	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U
	01/27/2009	MW57D012709	**3900**	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U
dup	01/27/2009	MW57D012709-Dup	**4480**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	04/07/2009	MW57D040709	**3700**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
dup	04/07/2009	MW57D040709-Dup	**3640**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	08/06/2009	MW57D080609	**2690**	0.649 U	0.649 U	0.649 U	0.649 U	--	0.649 U	0.649 U	0.649 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs							
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
MTCA Method B Groundwater Cleanup Level			0.22	NV	0.012	NV	NV	NV	NV	NV	NV
MW-57D	01/13/2010	MW57D011310	**3640**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
dup	01/13/2010	MW57D011310-Dup	**3580**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	08/12/2010	MW57D081210	**4160**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
dup	08/12/2010	MW57D081210-Dup	**3700**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	01/14/2011	MW57D011411	**4800**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
dup	01/14/2011	MW57DDUP011411	**4480**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/25/2011	MW57D082511	**1820**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
dup	08/25/2011	MW57D082511-Dup	**2430**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	01/11/2012	MW57D011112	**3180**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
dup	01/11/2012	MW57DDUP011112	**2700**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/13/2013	MW-57D-20130813-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
dup	08/13/2013	MW-57D-20130813-GW-DUP	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/22/2014	MW57D012214	**1700**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
dup	01/22/2014	MW57DDUP012214	**4200 J**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	07/23/2014	MW57D072314	**2910**	0.152 U	0.158 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.481 U
dup	07/23/2014	MW57DDUP072314	**2980**	0.152 U	0.158 U	0.336 U	0.186 U	--	0.201 U	0.467 U	0.481 U
	01/14/2015	MW57D011415	**2000 J**	0.942 U	0.942 U	0.942 U	0.942 U	--	0.942 U	0.942 U	0.942 U
dup	01/14/2015	MW57DDUP011415	**4000 J**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	08/12/2016	MW57D081216	**1640**	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U
dup	08/12/2016	MW57DDUP081216	**1620**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
MW-58D	08/13/2008	MW58D081308	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	10/08/2008	MW-58D100808	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/27/2009	MW58D012709	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	04/07/2009	MW58D040709	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	08/06/2009	MW58D080609	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	01/14/2010	MW58D011410	**5.33**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	08/12/2010	MW58D081210	**2.73**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	01/19/2011	MW58D011911	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/26/2011	MW58D082611	1.44 U	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U
	01/13/2012	MW58D011312	1.43 U	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
	08/13/2013	MW-58D-20130813-GW	0.5 U	--	--	--	--	--	--	--	--
	01/23/2014	MW58D012314	**0.838**	--	--	--	--	--	--	--	--
	07/24/2014	MW58D072414	0.473 U	--	--	--	--	--	--	--	--
	01/15/2015	MW58D011515	0.473 U	--	--	--	--	--	--	--	--
	08/11/2016	MW58D081116	0.472 U	--	--	--	--	--	--	--	--
RNWR Monitoring Wells (UWBZ)											
USDFW-1	10/24/2003	USDFW-1-102403	**4**	0.098 U	0.098 U	0.098 U	0.098 U	--	0.098 U	0.098 U	0.098 U
	05/04/2004	USDFW1-050404	**3.1**	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U
	08/13/2004	USDFW1-081304	**26**	0.11 U	0.11 U	0.11 U	0.11 U	--	0.11 U	0.11 U	0.11 U
	10/25/2004	USDFW1-102504	0.96 U	0.096 U	0.096 U	0.096 U	0.096 U	--	0.096 U	0.096 U	0.096 U
	01/28/2005	USDFW1012805	0.189 U	0.0189 U	0.0189 U	--	--	0.0943 U	0.0189 U	0.0189 U	0.0189 U
	07/28/2005	USDFW1072805	0.19 U	0.019 U	0.019 U	--	--	0.0952 U	0.019 U	0.019 U	0.019 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs							
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
MTCA Method B Groundwater Cleanup Level			0.22	NV	0.012	NV	NV	NV	NV	NV	NV
USDFW-1	02/01/2006	USDFW1020106	**5.67**	0.965 U	0.965 U	0.965 U	0.965 U	--	0.965 U	0.965 U	0.965 U
	08/11/2006	USDFW1081106	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/22/2007	USDFW1012207	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/27/2007	USDFW1082707	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	01/28/2008	USDFW1012808	1.42 U	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	08/21/2008	USDW1082108	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	02/03/2009	USDFW1020309	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	08/07/2009	USDFW1080709	1.41 U	0.943 U	0.943 U	0.943 U	0.943 U	--	0.943 U	0.943 U	0.943 U
	01/28/2010	USDFW1012810	1.52 U	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U
	08/26/2010	USDFW1082610	1.42 U	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	01/26/2011	USDFW1012611	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	09/06/2011	USDFW1090611	1.43 U	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U
	01/25/2012	USDFW1012512	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/07/2012	USDFW1080712	0.474 U	--	--	--	--	--	--	--	--
	08/14/2013	USDFW-1-20130814-GW	0.5 U	--	--	--	--	--	--	--	--
	01/27/2014	USDFW1012714	0.471 U	--	--	--	--	--	--	--	--
	07/21/2014	USDFW1072114	0.476 U	--	--	--	--	--	--	--	--
	01/13/2015	USDFW1011315	0.469 U	--	--	--	--	--	--	--	--
	08/12/2016	USDFW1081216	0.473 U	--	--	--	--	--	--	--	--
RMW-2S	08/21/2008	RMW2S082108	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	10/09/2008	RMW2S100908	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	02/03/2009	RMW2S020309	1.42 U	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U
	04/08/2009	RMW2S040809	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/07/2009	RMW2S080709	**7.06**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
	01/28/2010	RMW2S012810	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	08/26/2010	RMW2S082610	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	01/26/2011	RMW2S012611	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	09/06/2011	RMW2S090611	1.43 U	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	01/25/2012	RMW2S012512	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/07/2012	RMW2S080712	**2.28**	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2S-20130814-GW	0.5 U	--	--	--	--	--	--	--	--
	01/27/2014	RMW2S012714	0.473 U	--	--	--	--	--	--	--	--
	07/21/2014	RMW2S072114	**3.13**	--	--	--	--	--	--	--	--
	01/13/2015	RMW2S011315	0.471 U	--	--	--	--	--	--	--	--
	08/12/2016	RMW2S081216	0.474 U	--	--	--	--	--	--	--	--
RMW-2D	08/21/2008	RMW2D082108	1.44 U	0.961 U	0.961 U	0.961 U	0.961 U	--	0.961 U	0.961 U	0.961 U
	10/09/2008	RMW2D100908	**5.89**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	02/03/2009	RMW2D020309	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	04/08/2009	RMW2D040809	**3.93**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	08/07/2009	RMW2D080709	**7.26**	0.944 U	0.944 U	0.944 U	0.944 U	--	0.944 U	0.944 U	0.944 U
	01/28/2010	RMW2D012810	1.42 U	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/26/2010	RMW2D082610	**3.53**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs							
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
MTCA Method B Groundwater Cleanup Level			0.22	NV	0.012	NV	NV	NV	NV	NV	NV
RMW-2D	01/26/2011	RMW2D012611	**1.74**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	09/06/2011	RMW2D090611	**3.04**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/25/2012	RMW2D012512	**1.83**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U
	08/07/2012	RMW2D080712	**2.21**	--	--	--	--	--	--	--	--
	08/14/2013	RMW-2D-20130814-GW	**3.55**	--	--	--	--	--	--	--	--
	01/27/2014	RMW2D012714	**5.26**	--	--	--	--	--	--	--	--
	07/21/2014	RMW2D072114	**2.93**	--	--	--	--	--	--	--	--
	01/13/2015	RMW2D011315	0.471 U	--	--	--	--	--	--	--	--
	08/12/2016	RMW2D081216	0.484 U	--	--	--	--	--	--	--	--
Cell 2 (LWBZ)											
MW-55	08/14/2008	MW55081408	**828**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	10/03/2008	MW55100308	**448**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U
	01/27/2009	MW55012709	**485**	0.946 U	0.946 U	0.946 U	0.946 U	--	0.946 U	0.946 U	0.946 U
	04/07/2009	MW55040709	**410**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/06/2009	MW55080609	**418**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	01/14/2010	MW55011410	**293**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/12/2010	MW55081210	**632**	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	01/14/2011	MW55011411	**544**	0.957 U	0.957 U	0.957 U	0.957 U	--	0.957 U	0.957 U	0.957 U
	08/08/2011	MW55080811	7.13 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/12/2012	MW55011212	**253**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	08/13/2013	MW-55-20130813-GW	**419**	--	--	--	--	--	--	--	--
	01/24/2014	MW55012414	**781**	--	--	--	--	--	--	--	--
	07/23/2014	MW55072314	**293**	--	--	--	--	--	--	--	--
	01/15/2015	MW55011515	**322**	--	--	--	--	--	--	--	--
	08/11/2016	MW55081116	**187**	--	--	--	--	--	--	--	--
MW-56	08/21/2008	MW56082108	**23.1**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	10/08/2008	MW-56100808	**18.7**	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	01/27/2009	MW56012709	**26.9**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
	04/07/2009	MW56040709	**27.6**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/06/2009	MW56080609	**33.2**	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
	01/14/2010	MW56011410	**10.1**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	08/12/2010	MW56081210	**31.9**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/19/2011	MW56011911	**23.3**	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	08/26/2011	MW56082611	**26.1**	0.96 U	0.96 U	0.96 U	0.96 U	--	0.96 U	0.96 U	0.96 U
	01/13/2012	MW56011312	**11.5**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	08/13/2013	MW-56-20130813-GW	0.5 U	--	--	--	--	--	--	--	--
	01/23/2014	MW56012314	**49.8**	--	--	--	--	--	--	--	--
	07/24/2014	MW56072414	**32.3**	--	--	--	--	--	--	--	--
	01/15/2015	MW56011515	**20.6**	--	--	--	--	--	--	--	--
	08/11/2016	MW56081116	**31.5**	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Pentachlorophenol	cPAHs							
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(b+k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
MTCA Method B Groundwater Cleanup Level			0.22	NV	0.012	NV	NV	NV	NV	NV	NV
MW-62	09/08/2010	MW62090810	**22.4**	0.985 U	0.985 U	0.985 U	0.985 U	--	0.985 U	0.985 U	0.985 U
	01/14/2011	MW62011411	**10.7**	1.24	**1.07**	0.951 U	1.41	--	1.29	1.04	0.989
	08/25/2011	MW62082511	1.43 U	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U
	01/11/2012	MW62011112	**13.4**	0.954 U	0.954 U	0.954 U	0.954 U	--	0.954 U	0.954 U	0.954 U
	08/07/2012	MW62080712	0.477 U	--	--	--	--	--	--	--	--
	08/13/2013	MW-62-20130813-GW	0.5 U	--	--	--	--	--	--	--	--
	01/22/2014	MW62012214	**31.3**	--	--	--	--	--	--	--	--
	07/22/2014	MW62072314	**16**	--	--	--	--	--	--	--	--
	01/13/2015	MW62011415	**17**	--	--	--	--	--	--	--	--
	08/15/2016	MW62081516	**39.9**	--	--	--	--	--	--	--	--
RNWR Monitoring Well (LWBZ)											
MW-60	09/03/2008	MW60090308	**94.5**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	10/09/2008	MW601000908	**68.9**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	02/03/2009	MW60020309	**51**	0.989	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	04/08/2009	MW60040809	**91.2**	0.945 U	0.945 U	0.945 U	0.945 U	--	0.945 U	0.945 U	0.945 U
	08/07/2009	MW60080709	**57.5**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	01/28/2010	MW60012810	**70.2**	0.948 U	0.948 U	0.948 U	0.948 U	--	0.948 U	0.948 U	0.948 U
	08/25/2010	MW60082510	**72.2**	0.95 U	0.95 U	0.95 U	0.95 U	--	0.95 U	0.95 U	0.95 U
	01/24/2011	MW60012411	**80.4**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	09/06/2011	MW60090611	**94.4**	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/25/2012	MW60012512	**90.6**	0.953 U	0.953 U	0.953 U	0.953 U	--	0.953 U	0.953 U	0.953 U
MW-61	09/03/2010	MW61090310	1.51 U	1.01 U	1.01 U	1.01 U	1.01 U	--	1.01 U	1.01 U	1.01 U
	01/24/2011	MW61012411	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	09/02/2011	MW61090211	1.43 U	0.951 U	0.951 U	0.951 U	0.951 U	--	0.951 U	0.951 U	0.951 U
	01/24/2012	MW61012412	1.44 U	0.958 U	0.958 U	0.958 U	0.958 U	--	0.958 U	0.958 U	0.958 U
	08/06/2012	MW61080612	0.476 U	--	--	--	--	--	--	--	--
	08/14/2013	MW-61-20130814-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/23/2014	MW61012314	1.43 U	0.955 U	0.955 U	0.955 U	0.955 U	--	0.955 U	0.955 U	0.955 U
	07/22/2014	MW61072214	0.475 U	--	--	--	--	--	--	--	--
	01/12/2015	MW61011215	0.473 U	--	--	--	--	--	--	--	--
	08/12/2016	MW61081216	1.42 U	0.949 U	0.949 U	0.949 U	0.949 U	--	0.949 U	0.949 U	0.949 U
MW-63	09/20/2012	MW63-W-110.0	**1.97 J**	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	--	1.03 UJ	1.03 UJ	1.03 UJ
	08/14/2013	MW-63-20130814-GW	1.5 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
	01/23/2014	MW63012314	1.43 U	0.952 U	0.952 U	0.952 U	0.952 U	--	0.952 U	0.952 U	0.952 U
	07/22/2014	MW63072214	1.41 U	0.152 U	0.157 U	0.335 U	0.186 U	--	0.201 U	0.466 U	0.48 U
	01/12/2015	MW63011215	1.42 U	0.947 U	0.947 U	0.947 U	0.947 U	--	0.947 U	0.947 U	0.947 U
	08/12/2016	MW63081216	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U		0.949 U	0.949 U	0.949 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	TEQ cPAHs	Noncarcinogenic PAHs				
				Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Bis(2-ethylhexyl) phthalate	Naphthalene
MTCA Method B Groundwater Cleanup Level			0.012	32	1.5	32	6.3	160
Cell 2 Monitoring Wells (UWBZ)								
MW-55S	08/20/2010	MW55S082010	ND	**51.5**	**325**	**248**	1.22	**582**
	01/14/2011	MW55S011411	ND	**64.6**	**390**	**214**	0.953 U	**625**
	08/08/2011	MW55S080811	ND	**41**	**262**	**66.1**	0.96 U	**322**
	01/12/2012	MW55S011212	ND	**61.7**	**235**	**102**	0.957 U	**262**
	08/13/2013	MW-55S-20130813-GW	ND	**68.9**	**446**	**128**	1 U	**221**
	01/24/2014	MW55S012414	ND	**41.7 J**	**898 J**	**47.9 J**	0.943 UJ	39.4 J
	07/23/2014	MW55S072314	ND	**66**	**452**	**65.6**	0.946 U	50.9
	01/15/2015	MW55S011515	--	LE	LE	LE	LE	LE
	08/11/2016	MW55S081116	ND	**90**	**427**	**71.1**	0.945 U	77.6
MW-55D	09/07/2010	MW55D090710	ND	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
	01/14/2011	MW55D011411	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/08/2011	MW55D080811	ND	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	01/12/2012	MW55D011212	ND	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/13/2013	MW-55D-20130813-GW	--	--	--	--	--	--
	01/24/2014	MW55D012414	--	--	--	--	--	--
	07/23/2014	MW55D072314	--	--	--	--	--	--
	01/15/2015	MW55D011515		--	--	--	--	--
	08/11/2016	MW55D081116	--	--	--	--	--	--
MW-57S	08/15/2008	MW57S081508	ND	**76.4**	**479**	**765**	0.955 U	**7040**
	10/06/2008	MW-57S100608	ND	**539**	**833**	**222**	**80.8**	**12300**
	01/27/2009	MW57S012709	ND	**71.0**	**452**	**760**	1.64	**7260**
	04/07/2009	MW57S040709	ND	**67.9**	**422**	**662**	0.949 U	**10700**
	08/06/2009	MW57S080609	ND	**71.4**	**407**	**757**	0.958 U	**10300**
	01/13/2010	MW57S011310	ND	**86.4**	**714**	**667**	0.948 U	**11100**
	08/12/2010	MW57S081210	ND	**64.6**	**469**	**784**	0.948 U	**9680**
	01/14/2011	MW57S011411	ND	**68.8**	**706**	**1150**	0.954 U	**12700**
	08/25/2011	MW57S082511	ND	0.964 U	**369**	**588**	0.964 U	**4380**
	01/11/2012	MW57S011112	ND	**84.5**	**354**	**628**	0.958 U	**6150**
	08/13/2013	MW-57S-20130813-GW	ND	**57.7**	**438**	**535**	1 U	**6630**
	01/22/2014	MW57S012214	ND	**128**	**532**	**893**	0.95 U	**16400**
	07/23/2014	MW57S072314	ND	**70.6**	**351**	**593**	0.946 U	**5360**
	01/14/2015	MW57S011415	ND	**53**	**460**	**660**	0.948 U	**5600**
	08/12/2016	MW57S081216	ND	**68.6**	**367**	**597**	0.95 U	**3940**
MW-57D	08/14/2008	MW57D081508	ND	4.21	**2.97**	1 U	1 U	39
	10/06/2008	MW-57D100608	ND	3.45	0.961 U	0.961 U	**8.95**	51.9
dup	10/06/2008	MW-57D100608-Dup	ND	4.00	1.17	0.961 U	**10.7**	62.0
	01/27/2009	MW57D012709	ND	5.12	**3.00**	0.943 U	0.943 U	41.1
dup	01/27/2009	MW57D012709-Dup	ND	5.15	**3.45**	0.95 U	0.95 U	52.9
	04/07/2009	MW57D040709	ND	3.54	**2.40**	0.95 U	0.95 U	37.3
dup	04/07/2009	MW57D040709-Dup	ND	4.44	**3.14**	0.95 U	0.95 U	48.5
	08/06/2009	MW57D080609	ND	3.32	**2.13**	0.649 U	0.649 U	33.6

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	TEQ cPAHs	Noncarcinogenic PAHs				
				Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Bis(2-ethylhexyl) phthalate	Naphthalene
MTCA Method B Groundwater Cleanup Level			0.012	32	1.5	32	6.3	160
MW-57D	01/13/2010	MW57D011310	ND	3.96	**2.36**	0.947 U	0.947 U	49.1
dup	01/13/2010	MW57D011310-Dup	ND	4.08	**2.34**	0.947 U	0.947 U	48.9
	08/12/2010	MW57D081210	ND	5.09	**2.73**	1.04	0.948 U	49.3 B
dup	08/12/2010	MW57D081210-Dup	ND	3.95	**2.05**	0.947 U	0.947 U	45.4 B
	01/14/2011	MW57D011411	ND	7.62	**3.93**	1.27	0.953 U	84.7
dup	01/14/2011	MW57DDUP011411	ND	5.8	**3.21**	1.07	0.951 U	74.6
	08/25/2011	MW57D082511	ND	0.952 U	0.952 U	0.952 U	0.952 U	35.7
dup	08/25/2011	MW57D082511-Dup	ND	4.14	0.955 U	0.955 U	0.955 U	38.8
	01/11/2012	MW57D011112	ND	4.81	**1.87**	0.95 U	0.95 U	44.6
dup	01/11/2012	MW57DDUP011112	ND	4.38	**1.7**	0.948 U	0.948 U	41.3
	08/13/2013	MW-57D-20130813-GW	ND	1 U	1 U	1 U	1 U	1.38
dup	08/13/2013	MW-57D-20130813-GW-DUP	ND	1 U	1 U	1 U	1 U	1.45
	01/22/2014	MW57D012214	ND	0.946 U	**1.84 J**	0.946 U	0.946 U	48.5 J
dup	01/22/2014	MW57DDUP012214	ND	1.81	**6.77 J**	2.51	0.947 U	**245 J**
	07/23/2014	MW57D072314	ND	5.24	**3.58**	1.83	0.944 U	55.7
dup	07/23/2014	MW57DDUP072314	ND	4.59	**3.37**	1.72	0.945 U	54.6
	01/14/2015	MW57D011415	ND	4.27 J	**2.09 J**	0.942 U	0.942 U	33.7
dup	01/14/2015	MW57DDUP011415	ND	8.48 J	**17.8 J**	3.41	0.947 U	50.7
	08/12/2016	MW57D081216	ND	5.12	**3.98**	1.07	0.944 U	80.9
dup	08/12/2016	MW57DDUP081216	ND	4.28	**3.69**	1.05	0.945 U	78.9
MW-58D	08/13/2008	MW58D081308	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	10/08/2008	MW-58D100808	ND	0.951 U	0.951 U	0.951 U	0.951 U	1.07
	01/27/2009	MW58D012709	ND	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	04/07/2009	MW58D040709	ND	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	08/06/2009	MW58D080609	ND	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	MW58D011410	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2010	MW58D081210	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	01/19/2011	MW58D011911	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/26/2011	MW58D082611	ND	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	01/13/2012	MW58D011312	ND	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
	08/13/2013	MW-58D-20130813-GW	--	--	--	--	--	--
	01/23/2014	MW58D012314	--	--	--	--	--	--
	07/24/2014	MW58D072414	--	--	--	--	--	--
	01/15/2015	MW58D011515		--	--	--	--	--
	08/11/2016	MW58D081116	--	--	--	--	--	--
RNWR Monitoring Wells (UWBZ)								
USDFW-1	10/24/2003	USDFW-1-102403	ND	4.9	--	1.1	--	120
	05/04/2004	USDFW1-050404	ND	4.4	--	0.39	--	87
	08/13/2004	USDFW1-081304	ND	4.4	--	0.19	--	28
	10/25/2004	USDFW1-102504	ND	2.7	--	0.18	--	39
	01/28/2005	USDFW1012805	ND	1.35	**2.2**	0.0679	**13**	21.1
	07/28/2005	USDFW1072805	ND	1.3	0.883	0.0476 U	**15**	2.53

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	TEQ cPAHs	Noncarcinogenic PAHs				
				Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Bis(2-ethylhexyl) phthalate	Naphthalene
MTCA Method B Groundwater Cleanup Level			0.012	32	1.5	32	6.3	160
USDFW-1	02/01/2006	USDFW1020106	ND	0.965 U	0.965 U	0.965 U	5.69	0.965 U
	08/11/2006	USDFW1081106	ND	0.951 U	0.951 U	0.951 U	2.73	0.951 U
	01/22/2007	USDFW1012207	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/27/2007	USDFW1082707	ND	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/28/2008	USDFW1012808	ND	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	08/21/2008	USDW1082108	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	02/03/2009	USDFW1020309	ND	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	USDFW1080709	ND	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/28/2010	USDFW1012810	ND	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	08/26/2010	USDFW1082610	ND	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	01/26/2011	USDFW1012611	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	USDFW1090611	ND	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/25/2012	USDFW1012512	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	USDFW1080712	--	--	--	--	--	--
	08/14/2013	USDFW-1-20130814-GW	--	--	--	--	--	--
	01/27/2014	USDFW1012714	--	--	--	--	--	--
	07/21/2014	USDFW1072114	--	--	--	--	--	--
	01/13/2015	USDFW1011315		--	--	--	--	--
	08/12/2016	USDFW1081216	--	--	--	--	--	--
RMW-2S	08/21/2008	RMW2S082108	ND	0.949 U	0.949 U	0.949 U	0.949 U	1 U
	10/09/2008	RMW2S100908	ND	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	02/03/2009	RMW2S020309	ND	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	04/08/2009	RMW2S040809	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/07/2009	RMW2S080709	ND	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	01/28/2010	RMW2S012810	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/26/2010	RMW2S082610	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/26/2011	RMW2S012611	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	RMW2S090611	ND	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	01/25/2012	RMW2S012512	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/07/2012	RMW2S080712	--	--	--	--	--	--
	08/14/2013	RMW-2S-20130814-GW	--	--	--	--	--	--
	01/27/2014	RMW2S012714	--	--	--	--	--	--
	07/21/2014	RMW2S072114	--	--	--	--	--	--
	01/13/2015	RMW2S011315		--	--	--	--	--
	08/12/2016	RMW2S081216	--	--	--	--	--	--
RMW-2D	08/21/2008	RMW2D082108	ND	0.961 U	0.961 U	0.961 U	0.961 U	1 U
	10/09/2008	RMW2D100908	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	RMW2D020309	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	04/08/2009	RMW2D040809	ND	0.946 U	0.946 U	0.946 U	0.946 U	0.946 U
	08/07/2009	RMW2D080709	ND	0.944 U	0.944 U	0.944 U	0.944 U	0.944 U
	01/28/2010	RMW2D012810	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/26/2010	RMW2D082610	ND	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	TEQ cPAHs	Noncarcinogenic PAHs				
				Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Bis(2-ethylhexyl) phthalate	Naphthalene
MTCA Method B Groundwater Cleanup Level			0.012	32	1.5	32	6.3	160
RMW-2D	01/26/2011	RMW2D012611	ND	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	09/06/2011	RMW2D090611	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	RMW2D012512	ND	0.957 U	0.957 U	0.957 U	0.957 U	0.957 U
	08/07/2012	RMW2D080712	--	--	--	--	--	--
	08/14/2013	RMW-2D-20130814-GW	--	--	--	--	--	--
	01/27/2014	RMW2D012714	--	--	--	--	--	--
	07/21/2014	RMW2D072114	--	--	--	--	--	--
	01/13/2015	RMW2D011315		--	--	--	--	--
	08/12/2016	RMW2D081216	--	--	--	--	--	--
Cell 2 (LWBZ)								
MW-55	08/14/2008	MW55081408	ND	1.39	0.955 U	0.955 U	0.955 U	0.955 U
	10/03/2008	MW55100308	ND	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/27/2009	MW55012709	ND	1.38	0.946 U	0.946 U	0.946 U	1.47
	04/07/2009	MW55040709	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	MW55080609	ND	1.1	0.948 U	0.948 U	0.948 U	1.26
	01/14/2010	MW55011410	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/12/2010	MW55081210	ND	1.34	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2011	MW55011411	ND	1.39	0.957 U	0.957 U	0.957 U	0.957 U
	08/08/2011	MW55080811	ND	1.2	0.951 U	0.951 U	0.951 U	0.951 U
	01/12/2012	MW55011212	ND	1.04	0.952 U	0.952 U	0.952 U	0.952 U
	08/13/2013	MW-55-20130813-GW	--	--	--	--	--	--
	01/24/2014	MW55012414	--	--	--	--	--	--
	07/23/2014	MW55072314	--	--	--	--	--	--
	01/15/2015	MW55011515		--	--	--	--	--
	08/11/2016	MW55081116	--	--	--	--	--	--
MW-56	08/21/2008	MW56082108	ND	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	10/08/2008	MW-56100808	ND	0.955 U	0.955 U	0.955 U	0.955 U	2.05
	01/27/2009	MW56012709	ND	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	04/07/2009	MW56040709	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/06/2009	MW56080609	ND	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
	01/14/2010	MW56011410	ND	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/12/2010	MW56081210	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/19/2011	MW56011911	ND	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	08/26/2011	MW56082611	ND	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
	01/13/2012	MW56011312	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	08/13/2013	MW-56-20130813-GW	--	--	--	--	--	--
	01/23/2014	MW56012314	--	--	--	--	--	--
	07/24/2014	MW56072414	--	--	--	--	--	--
	01/15/2015	MW56011515		--	--	--	--	--
	08/11/2016	MW56081116	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	TEQ cPAHs	Noncarcinogenic PAHs				
				Dibenzofuran	1-Methyl-naphthalene	2-Methyl-naphthalene	Bis(2-ethylhexyl) phthalate	Naphthalene
MTCA Method B Groundwater Cleanup Level			0.012	32	1.5	32	6.3	160
MW-62	09/08/2010	MW62090810	ND	0.985 U	0.985 U	0.985 U	0.985 U	0.985 U
	01/14/2011	MW62011411	**1.60**	0.951 U	0.951 U	0.951 U	1.14	0.951 U
	08/25/2011	MW62082511	ND	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	01/11/2012	MW62011112	ND	0.954 U	0.954 U	0.954 U	0.954 U	0.954 U
	08/07/2012	MW62080712	--	--	--	--	--	--
	08/13/2013	MW-62-20130813-GW	--	--	--	--	--	--
	01/22/2014	MW62012214	--	--	--	--	--	--
	07/22/2014	MW62072314	--	--	--	--	--	--
	01/13/2015	MW62011415	--	--	--	--	--	--
	08/15/2016	MW62081516	--	--	--	--	--	--
RNWR Monitoring Well (LWBZ)								
MW-60	09/03/2008	MW60090308	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	10/09/2008	MW601000908	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	02/03/2009	MW60020309	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	04/08/2009	MW60040809	ND	0.945 U	0.945 U	0.945 U	0.945 U	0.945 U
	08/07/2009	MW60080709	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	01/28/2010	MW60012810	ND	0.948 U	0.948 U	0.948 U	0.948 U	0.948 U
	08/25/2010	MW60082510	ND	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
	01/24/2011	MW60012411	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/06/2011	MW60090611	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/25/2012	MW60012512	ND	0.953 U	0.953 U	0.953 U	0.953 U	0.953 U
MW-61	09/03/2010	MW61090310	ND	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
	01/24/2011	MW61012411	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	09/02/2011	MW61090211	ND	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
	01/24/2012	MW61012412	ND	0.958 U	0.958 U	0.958 U	0.958 U	0.958 U
	08/06/2012	MW61080612	--	--	--	--	--	--
	08/14/2013	MW-61-20130814-GW	ND	1 U	1 U	1 U	1 U	1 U
	01/23/2014	MW61012314	ND	0.955 U	0.955 U	0.955 U	0.955 U	0.955 U
	07/22/2014	MW61072214	--	--	--	--	--	--
	01/12/2015	MW61011215	--	--	--	--	--	--
	08/12/2016	MW61081216	ND	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U
MW-63	09/20/2012	MW63-W-110.0	ND	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
	08/14/2013	MW-63-20130814-GW	ND	1 U	1 U	1 U	1 U	1 U
	01/23/2014	MW63012314	ND	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U
	07/22/2014	MW63072214	ND	0.943 U	0.943 U	0.943 U	0.943 U	0.943 U
	01/12/2015	MW63011215	ND	0.947 U	0.947 U	0.947 U	0.947 U	0.947 U
	08/12/2016	MW63081216	ND	0.949 U	0.949 U	0.949 U	0.949 U	0.949 U

Table 4
Semivolatile Organic Compounds in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold number indicates detected concentration that exceeds cleanup level.

-- = not analyzed.

B = Blank exhibited positive result greater than reporting limit for this compound.

cPAH = carcinogenic polycyclic aromatic hydrocarbon.

dup = duplicate sample.

J = Result for this analyte is estimated concentration.

LE = laboratory error resulted in no results.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

ND = no cPAH detections.

NV = no value.

PAH = polycyclic aromatic hydrocarbon.

RNWR = Ridgefield National Wildlife Refuge.

TEQ cPAHs = toxicity equivalent cPAHs. If one or more of the seven cPAHs are detected in the groundwater sample, TEQ is calculated using appropriate toxicity equivalent factors. If a certain cPAH analyte has not been detected in groundwater at the site, then a value of "0" is used for non-detects of that specific cPAH analyte. Other analytes that historically have been detected on the property but that are not detected in a certain event are summed using half of the method reporting limit. For groundwater samples that do not detect any cPAH analytes, "ND" is entered as the value.

U = not detected at or above the method reporting limit (note that, starting in July 2014, cPAHs are reported to the method detection limit).

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
Cell 2 Monitoring Wells (UWBZ)			
MW-55S	08/20/2010	MW55S082010	**35**
	01/14/2011	MW55S011411	**36.7**
	08/08/2011	MW55S080811	**36.5**
	01/12/2012	MW55S011212	**47**
	08/13/2013	MW-55S-20130813-GW	**66.4**
	01/24/2014	MW55S012414	**63.2**
	07/23/2014	MW55S072314	**60.7**
	01/15/2015	MW55S011515	**64.9**
	08/11/2016	MW55S081116	**54**
MW-55D	09/07/2010	MW55D090710	**7.4**
	01/14/2011	MW55D011411	**9.18**
	08/08/2011	MW55D080811	**8**
	01/12/2012	MW55D011212	**5.62**
	08/13/2013	MW-55D-20130813-GW	0.951
	01/24/2014	MW55D012414	0.436
	07/23/2014	MW55D072314	**16.4**
	01/15/2015	MW55D011515	**14.5**
	08/11/2016	MW55D081116	**12**
MW-57S	08/15/2008	MW57S081508	**41**
	10/06/2008	MW-57S100608	**17**
	01/27/2009	MW57S012709	**23**
	04/07/2009	MW57S040709	**46**
	08/06/2009	MW57S080609	**51**
	01/13/2010	MW57S011310	**61**
	08/12/2010	MW57S081210	**40**
	01/14/2011	MW57S011411	**38.5**
	08/25/2011	MW57S082511	**36.9**
	01/11/2012	MW57S011112	**40.8**
	08/13/2013	MW-57S-20130813-GW	**60.3**
	01/22/2014	MW57S012214	**82.3**
	07/23/2014	MW57S072314	**72.4**
	01/14/2015	MW57S011415	**81.1**
	08/12/2016	MW57S081216	**71**
MW-57D	08/14/2008	MW57D081508	**19**
	10/06/2008	MW-57D100608	**6.8**
dup	10/06/2008	MW-57D100608-Dup	**8.8**
	01/27/2009	MW57D012709	**11**
dup	01/27/2009	MW57D012709-Dup	**11**
	04/07/2009	MW57D040709	**17**
dup	04/07/2009	MW57D040709-Dup	**17**
	08/06/2009	MW57D080609	**21**
	01/13/2010	MW57D011310	**21**
dup	01/13/2010	MW57D011310-Dup	**22**

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
MW-57D	08/12/2010	MW57D081210	**19**
dup	08/12/2010	MW57D081210-Dup	**14**
	01/14/2011	MW57D011411	**18.6**
dup	01/14/2011	MW57DDUP011411	**17.6**
	08/25/2011	MW57D082511	**20.4**
dup	08/25/2011	MW57DDUP082511	**21**
	01/11/2012	MW57D011112	**20.3**
dup	01/11/2012	MW57DDUP011112	**22.4**
	08/13/2013	MW-57D-20130813-GW	**28.6**
dup	08/13/2013	MW-57D-20130813-GW-DUP	**30**
	01/22/2014	MW57D012214	**34**
dup	01/22/2014	MW57DDUP012214	**34.4**
	07/23/2014	MW57D072314	**25.7**
dup	07/23/2014	MW57DDUP072314	**25.3**
	01/14/2015	MW57D011415	**24.3**
dup	01/14/2015	MW57DDUP011415	**24.6**
	08/12/2016	MW57D081216	**22.1**
dup	08/12/2016	MW57DDUP081216	**22.1**
MW-58D	08/13/2008	MW58D081308	**7.3**
	10/08/2008	MW-58D100808	**6.9**
	01/27/2009	MW58D012709	**10**
	04/07/2009	MW58D040709	**11**
	08/06/2009	MW58D080609	**14**
	01/14/2010	MW58D011410	**13**
	08/12/2010	MW58D081210	**10**
	01/19/2011	MW58D011911	**2.72**
	08/26/2011	MW58D082611	**10.3**
	01/13/2012	MW58D011312	**10.7**
	08/13/2013	MW-58D-20130813-GW	**13.4**
	07/24/2014	MW58D072414	**13.2**
	01/15/2015	MW58D011515	**12.5**
	08/11/2016	MW58D081116	**10.5**
RNWR Monitoring Wells (UWBZ)			
USDFW-1	05/04/2004	USDFW1-050404	5 U
	08/13/2004	USDFW1-081304	5 U
	10/25/2004	USDFW1-102504	5 U
	01/28/2005	USDFW1012805	2.5 U
	07/28/2005	USDFW1072805	2.5 U
	02/01/2006	USDFW1020106	1.9
	08/11/2006	USDFW1081106	1.8
	01/22/2007	USDFW1012207	2.4
	08/27/2007	USDFW1082707	2.6
	01/28/2008	USDFW1012808	1.9
	08/21/2008	USDW1082108	1.8
	02/03/2009	USDFW1020309	1.6

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic
MTCA Method A Groundwater Cleanup Level			5
	08/07/2009	USDFW1080709	1.9
	01/28/2010	USDFW1012810	1.9
	08/26/2010	USDFW1082610	2.2
	01/26/2011	USDFW1012611	1.79
	09/06/2011	USDFW1090611	2.04
	01/25/2012	USDFW1012512	1.59
	08/07/2012	USDFW1080712	1.79
	08/14/2013	USDFW-1-20130814-GW	2.1
	05/04/2004	USDFW2-050404	**7.9**
	08/13/2004	USDFW2-081304	**9.3**
	10/25/2004	USDFW2-102504	**9**
	01/28/2005	USDFW2012805	**23.3**
	07/28/2005	USDFW2072805	**9.03**
	02/01/2006	USDFW2020106	**6.5**
	08/11/2006	NS	NS
	01/22/2007	USDFW2012207	**11**
	08/27/2007	USDFW2082707	**11**
	01/28/2008	USDFW2012808	**9.2**
	05/04/2004	USDFW3-050404	**11.1**
	08/13/2004	USDFW3-081304	**15.1**
	10/25/2004	USDFW3-102504	**13.6**
	01/28/2005	USDFW3012805	**13.2**
	07/28/2005	USDFW3072805	**13.7**
	02/01/2006	USDFW3020106	**8.4**
	08/11/2006	USDFW3081106	**14**
	01/22/2007	USDFW3012207	**14**
	08/27/2007	USDFW3082707	**15**
	01/28/2008	USDFW3012808	**12**
	01/27/2014	USDFW1012714	1.8
	07/21/2014	USDFW1072114	1.98
	01/13/2015	USDFW1011315	1.72
	08/12/2016	USDFW1081216	1.49
RNWR Monitoring Wells (LWBZ)			
MW-63	09/20/2012	MW63-W-110.0	0.17
	08/14/2013	MW-63-20130814-GW	0.854
	01/23/2014	MW63012314	0.1 U
	07/22/2014	MW63072214	0.281
	01/12/2015	MW63011215	0.1 U
	08/12/2016	MW63081216	0.1 U

Table 5
Dissolved Metals in Groundwater—Cells 1 and 2 Plume (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

NOTES:

Bold indicates detected concentration that exceeds MTCA Method A groundwater cleanup level.

dup = duplicate sample.

LWBZ = lower water-bearing zone.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

NS = not sampled.

RNWR = Ridgefield National Wildlife Refuge.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	5	0.22
Shallow UWBZ					
MW-46S	07/27/2004	MW48-072704	**32.6**	--	--
	10/21/2004	MW48-102104	**31.8**	--	--
	01/20/2005	MW46S012005	**47.1**	--	--
	04/26/2005	MW46S042705	**12.0**	--	--
	07/19/2005	MW46S072005	**51.2**	--	--
	10/19/2005	MW46S101905	**11**	--	--
	01/19/2006	MW46S011906	**37**	--	--
	04/27/2006	MW46S042706	**35**	--	--
	08/03/2006	MW46S080306	**40**	--	--
	10/25/2006	MW46S102506	**52**	--	--
	01/11/2007	MW46S011107	**56**	--	--
	04/11/2007	MW46S041107	**44**	--	--
	08/08/2007	MW46S080807	**42**	--	--
	01/11/2008	MW46S011108	**38**	--	--
	08/08/2008	MW46S080808	**53**	--	--
	01/20/2009	MW46S012309	**18**	--	--
	08/04/2009	MW46S080409	**43**	--	--
	01/08/2010	MW46S010810	**32**	--	--
	08/24/2011	MW46S082411	**24.1**	--	--
	08/08/2012	MW46S080812	**21.7**	--	--
	08/12/2013	MW-46S-20130812-GW	**20.8**	--	--
	01/22/2014	MW46S012214	**20.1**	--	--
	07/22/2014	MW46S072214	**39.4**	--	--
	01/14/2015	MW46S011415	**14.5**	--	--
	08/15/2016	MW46S081516	**28.5**	--	--
Deep UWBZ					
MW-29	08/06/2002	GW-123	--	**28**	--
	01/22/2004	MW29-012204	--	**27**	--
	04/30/2004	MW29-043004	--	**21**	--
MW-29D	10/21/2004	MW29R-102104	--	**17**	--
	01/19/2005	MW29D011905	--	**18.8**	--
	04/26/2005	MW29D042605	--	**20.1**	--
	07/19/2005	MW29D071905	--	**13.4 J**	--
	10/18/2005	MW29D101805	--	**9.12**	--
	01/18/2006	MW29D011806	--	**11.6**	--
	04/26/2006	MW29D042606	--	**13.7**	--
	08/01/2006	MW29D080106	--	**6.51**	--
	10/24/2006	MW29D102406	--	**18.8**	--
	01/09/2007	MW29D010907	--	**18.5**	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	5	0.22
MW-29D	04/10/2007	MW29D041007	--	**5.61**	--
	08/07/2007	MW29D080707	--	**15.2**	--
	01/10/2008	MW29D011008	--	**15.1**	--
	08/07/2008	MW29D080708	--	4.60	--
	01/20/2009	MW29D012109	--	**11.1**	--
	08/03/2009	MW29D080309	--	**9.84**	--
	01/07/2010	MW29D010710	--	**12.1**	--
	08/22/2011	MW29D082211	--	**9.85**	--
	01/26/2012	MW29D012612	--	**8.73**	--
	08/08/2012	MW29D080812	--	3.87	--
	08/12/2013	MW-29D-20130812-GW	--	2.26	--
	01/21/2014	MW29D012114	--	2.56	--
	07/22/2014	MW29D072214	--	2.01	--
	01/12/2015	MW29D011215	--	1.8	--
	08/15/2016	MW29D081516	--	1 U	--
MW-45D	07/26/2004	MW45-072604	--	**6.3**	**120**
	10/21/2004	MW45-102104	--	**6.8**	**120 J**
	01/20/2005	MW45D012005	--	**5.68**	**24.2**
	04/26/2005	MW45D042705	--	**6.78**	**105**
dup	04/26/2005	MW45D042705-Dup	--	**6.36**	**114**
	07/19/2005	MW45D072005	--	4.96 J	**81**
	10/21/2005	MW45D102105	--	2.06	**64.5**
dup	10/21/2005	MW45D102105-DUP	--	2.14	**56.3**
	01/19/2006	MW45D011906	--	1 U	**47.0**
	04/28/2006	MW45D042806	--	3.52	**61.8**
dup	04/28/2006	MW45D042806-Dup	--	3.36	**72.9**
	08/03/2006	MW45D080306	--	1 U	**75.2**
dup	08/03/2006	MW45D080306-Dup	--	1 U	**84.0**
	10/25/2006	MW45D102506	--	**5.04**	**72.0**
dup	10/25/2006	MW45D102506-Dup	--	**5.24**	**58.8**
	01/10/2007	MW45D011007	--	**5.14**	**38.2**
dup	01/10/2007	MW45D011007-Dup	--	4.98	**38.1**
	04/11/2007	MW45D041107	--	1 U	**35.9**
dup	04/11/2007	MW45D041107-Dup	--	1 U	**28.6**
	08/08/2007	MW45D080807	--	1 U	**36.7**
	01/11/2008	MW45D011108	--	4.51	**70.1**
	08/08/2008	MW45D080808	--	1 U	**34.9**
	01/20/2009	MW45D012209	--	3.16	**40.2**
dup	01/20/2009	MW45D012209-Dup	--	3.2	**45.3**
	08/04/2009	MW45D080409	--	3.08	**53.0**

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	5	0.22
MW-45D	01/07/2010	MW45D010710	--	3.65	**35.5**
	08/24/2011	MW45D082411	--	**5.75**	**19.4**
dup	08/24/2011	MW45D082411-Dup	--	**5.7**	**50.6**
	08/08/2012	MW45D080812	--	**5.66**	**29**
dup	08/08/2012	MW45DDUP080812	--	**6.3**	**30.5**
	08/12/2013	MW-45D-20130812-GW	--	3.03 J	0.5 UJ
dup	08/12/2013	MW-45D-20130812-GW-DUP	--	1.07 J	**3.44**
	01/22/2014	MW45D012214	--	3.59	**34.8**
dup	01/22/2014	MW45DDUP012214	--	3.48	**37.2**
	07/22/2014	MW45D072214	--	4.47	**21.5**
dup	07/22/2014	MW45DDUP072214	--	3.68	**22.4**
	01/14/2015	MW45D011415	--	3.79	**16.2**
dup	01/14/2015	MW45DDUP011415	--	3.64	**18.7**
	08/15/2016	MW45D081516	--	1.45	**9.96**
dup	08/15/2016	MW45DDUP081516	--	1.53	**9.2**
MW-46D	07/27/2004	MW47-072704	--	**9.3**	--
	10/21/2004	MW47-102104	--	**9.8**	--
	01/20/2005	MW46D012005	--	**8.95**	--
	04/26/2005	MW46D042705	--	**10.7**	--
	07/19/2005	MW46D072005	--	**7.82 J**	--
	10/19/2005	MW46D101905	--	3.76	--
	01/19/2006	MW46D011906	--	3.92	--
	04/27/2006	MW46D042706	--	**5.91**	--
	08/03/2006	MW46D080306	--	1.71	--
	10/25/2006	MW46D102506	--	**7.96**	--
	01/11/2007	MW46D011107	--	**7.83**	--
	04/11/2007	MW46D041107	--	1 U	--
	08/08/2007	MW46D080807	--	1 U	--
	01/11/2008	MW46D011108	--	**6.85**	--
	08/08/2008	MW46D080808	--	2.2	--
	01/20/2009	MW46D012309	--	**5.13**	--
	08/04/2009	MW46D080409	--	**5.05**	--
	01/08/2010	MW46D010810	--	**6.4**	--
	08/22/2011	MW46D082211	--	**6.9**	--
	08/08/2012	MW46D080812	--	**6.95**	--
	08/12/2013	MW-46D-20130812-GW	--	3.67	--
	01/22/2014	MW46D012214	--	3.31	--
	07/22/2014	MW46D072214	--	4.21	--
	01/14/2015	MW46D011415	--	2.93	--
	08/15/2016	MW46D081516	--	2.19	--

Table 6
Cell 3 Plume Groundwater Point of Compliance Sampling Results (ug/L)
Pacific Wood Treating Co. Site
Ridgefield, Washington

Location	Date Collected	Sample Name	Arsenic	Tetrachloro-ethene	Pentachloro-phenol
MTCA Method B Groundwater CUL			5[a]	5	0.22
MW-47D	07/26/2004	MW50-072604	--	**20**	--
	10/21/2004	MW50-102104	--	**19**	--
	01/19/2005	MW47D011905	--	**17.2**	--
	04/26/2005	MW47D042605	--	**20.8**	--
	07/19/2005	MW47D071905	--	**14.5 J**	--
	10/18/2005	MW47D101805	--	**8.28**	--
	01/18/2006	MW47D011806	--	**9.45**	--
	04/26/2006	MW47D042606	--	**8.61**	--
	08/01/2006	MW47D080106	--	**9.61**	--
	10/24/2006	MW47D102406	--	**15.3**	--
	01/09/2007	MW47D010907	--	**15.5**	--
	04/10/2007	MW47D041007	--	2.27	--
	08/07/2007	MW47D080707	--	**7.12**	--
	01/10/2008	MW47D011008	--	**13.6**	--
	08/07/2008	MW47D080708	--	4.58	--
	01/20/2009	MW47D012109	--	**11.0**	--
	08/03/2009	MW47D080309	--	**8.64**	--
	01/07/2010	MW47D010710	--	**7.86**	--
	08/22/2011	MW47D082211	--	**15.4**	--
	01/26/2012	MW47D012612	--	**14.2**	--
	08/08/2012	MW47D080812	--	**14.4**	--
	08/12/2013	MW-47D-20130812-GW	--	**7.66**	--
	01/21/2014	MW47D012114	--	**10.4**	--
	07/22/2014	MW47D072214	--	**10.2**	--
	01/12/2015	MW47D011215	--	**8.41**	--
	08/15/2016	MW47D081516	--	4.22	--

NOTES:

Bold number indicates detected concentration that exceeds CUL.

-- = not analyzed.

CUL = cleanup level.

dup = duplicate sample.

J = Result for this analyte is estimated concentration.

MTCA = Washington State Department of Ecology's Model Toxics Control Act.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UWBZ = upper water-bearing zone.

[a]MTCA Method A CUL.

FIGURE

Source: Aerial photograph obtained from Esri ArcGIS Online

Legend

Monitoring Wells

- *Shallow Upper Water-Bearing Zone*
- *Deep Upper Water-Bearing Zone*
- *Lower Water-Bearing Zone*

Cell Boundaries

Figure
Monitoring Well Locations

Port of Ridgefield
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\28\07\Projects\Fig_Monitoring Well Locations.mxd
Print Date: 1/2/2014
Approved By: shughes
Produced By: rmaronn
Project: 9003.01.28/07

ATTACHMENT A

LABORATORY ANALYTICAL REPORT

Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 07, 2016

Alan Hughes
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX: (360) 906-1958
RE: POR Groundwater / 9003.01.28

Dear Alan Hughes: Order No.: 1608154

Specialty Analytical received 20 sample(s) on 8/17/2016 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#: **1608154**

Date: **9/7/2016**

CLIENT: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28

The Laboratory Control Sample/ Laboratory Control Sample Duplicate (LCS/LCSD) for 2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6-Trichlorophenol, and 3,4,5-Trichlorophenol per EPA 8270 were not included in the spike mix. No further corrective action taken due insufficient sample volume to perform a re-extraction and analysis.

Revision 1.

Report revised to correct sample ID MW62081216 to MW62081516 based on the sample collection date.

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 10:50:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-001
Client Sample ID: MW58D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	10.5	0.100		µg/L	1	8/22/2016 11:34:17 AM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	ND	0.472		µg/L	1	8/26/2016 3:35:00 PM
Surr: 2,4,6-Tribromophenol	50.0	49.1-114		%REC	1	8/26/2016 3:35:00 PM
Surr: 2-Fluorophenol	29.8	5.79-119		%REC	1	8/26/2016 3:35:00 PM
Surr: Phenol-d6	18.3	10.6-117.9		%REC	1	8/26/2016 3:35:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 2:54:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 2:54:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 2:54:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 2:54:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 2:54:00 PM
Benzene	8.43	0.300		µg/L	1	8/18/2016 2:54:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 10:50:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-001
Client Sample ID: MW58D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 2:54:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 2:54:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 2:54:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 2:54:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-126		%REC	1	8/18/2016 2:54:00 PM
Surr: 4-Bromofluorobenzene	98.7	78.1-120		%REC	1	8/18/2016 2:54:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 10:50:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-001
Client Sample ID: MW58D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/18/2016 2:54:00 PM
Surr: Toluene-d8	92.6	86.2-135		%REC	1	8/18/2016 2:54:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 11:25:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-002
Client Sample ID: MW56081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,3,4-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,3,5-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,3,6-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,4,5-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2,4,6-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
2-Methylnaphthalene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
3,4,5-Trichlorophenol	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Acenaphthene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Acenaphthylene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Anthracene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Benz(a)anthracene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Benzo(a)pyrene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Benzo(b)fluoranthene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Benzo(g,h,i)perylene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Benzo(k)fluoranthene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Carbazole	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Chrysene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Dibenz(a,h)anthracene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Dibenzofuran	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Fluoranthene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Fluorene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Naphthalene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Pentachlorophenol	31.5	1.42		µg/L	1	9/2/2016 1:31:00 PM
Phenanthrene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Pyrene	ND	0.947		µg/L	1	9/2/2016 1:31:00 PM
Surr: 2,4,6-Tribromophenol	59.6	33.1-119.7		%REC	1	9/2/2016 1:31:00 PM
Surr: 2-Fluorobiphenyl	66.2	33.1-116.2		%REC	1	9/2/2016 1:31:00 PM
Surr: 2-Fluorophenol	34.7	13.4-117.1		%REC	1	9/2/2016 1:31:00 PM
Surr: 4-Terphenyl-d14	62.8	41-122		%REC	1	9/2/2016 1:31:00 PM
Surr: Nitrobenzene-d5	63.8	28.9-119.9		%REC	1	9/2/2016 1:31:00 PM
Surr: Phenol-d6	19.9	10.6-118.5		%REC	1	9/2/2016 1:31:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 11:25:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-002
Client Sample ID: MW56081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 3:26:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 3:26:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 3:26:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 3:26:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 3:26:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 3:26:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 3:26:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 11:25:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-002
Client Sample ID: MW56081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 3:26:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 3:26:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 3:26:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	8/18/2016 3:26:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120		%REC	1	8/18/2016 3:26:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/18/2016 3:26:00 PM
Surr: Toluene-d8	98.2	86.2-135		%REC	1	8/18/2016 3:26:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 2:00:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-003
Client Sample ID: MW55S081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	54.0	0.100		µg/L	1	8/22/2016 11:47:47 AM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	427	18.9		µg/L	20	9/2/2016 1:57:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,3,4-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,3,5-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,3,6-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,4,5-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2,4,6-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
2-Methylnaphthalene	71.1	4.73		µg/L	5	9/2/2016 4:37:00 PM
3,4,5-Trichlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Acenaphthene	245	18.9		µg/L	20	9/2/2016 1:57:00 PM
Acenaphthylene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Anthracene	8.78	0.945		µg/L	1	9/2/2016 5:03:00 PM
Benz(a)anthracene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Benzo(a)pyrene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Benzo(b)fluoranthene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Benzo(g,h,i)perylene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Benzo(k)fluoranthene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Carbazole	54.5	4.73		µg/L	5	9/2/2016 4:37:00 PM
Chrysene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Dibenz(a,h)anthracene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Dibenzofuran	90.0	4.73		µg/L	5	9/2/2016 4:37:00 PM
Fluoranthene	2.29	0.945		µg/L	1	9/2/2016 5:03:00 PM
Fluorene	76.0	4.73		µg/L	5	9/2/2016 4:37:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Naphthalene	77.6	4.73		µg/L	5	9/2/2016 4:37:00 PM
Pentachlorophenol	ND	0.945		µg/L	1	9/2/2016 5:03:00 PM
Phenanthrene	50.9	4.73		µg/L	5	9/2/2016 4:37:00 PM
Pyrene	1.09	0.945		µg/L	1	9/2/2016 5:03:00 PM
Surr: 2,4,6-Tribromophenol	73.3	33.1-119.7		%REC	1	9/2/2016 5:03:00 PM
Surr: 2-Fluorobiphenyl	80.5	33.1-116.2		%REC	1	9/2/2016 5:03:00 PM
Surr: 2-Fluorophenol	31.3	13.4-117.1		%REC	1	9/2/2016 5:03:00 PM
Surr: 4-Terphenyl-d14	73.8	41-122		%REC	1	9/2/2016 5:03:00 PM
Surr: Nitrobenzene-d5	69.6	28.9-119.9		%REC	1	9/2/2016 5:03:00 PM
Surr: Phenol-d6	18.5	10.6-118.5		%REC	1	9/2/2016 5:03:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 2:00:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-003
Client Sample ID: MW55S081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2,4-Trimethylbenzene	1.22	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,3,5-Trimethylbenzene	2.04	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 3:58:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 3:58:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 3:58:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 3:58:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 3:58:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 3:58:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 3:58:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 2:00:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-003
Client Sample ID: MW55S081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloroform	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Ethylbenzene	10.6	1.00		µg/L	1	8/18/2016 3:58:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Isopropylbenzene	10.2	1.00		µg/L	1	8/18/2016 3:58:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 3:58:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 3:58:00 PM
Naphthalene	179	1.00		µg/L	1	8/18/2016 3:58:00 PM
n-Butylbenzene	4.73	1.00		µg/L	1	8/18/2016 3:58:00 PM
n-Propylbenzene	7.99	1.00		µg/L	1	8/18/2016 3:58:00 PM
o-Xylene	1.72	1.00		µg/L	1	8/18/2016 3:58:00 PM
sec-Butylbenzene	5.18	1.00		µg/L	1	8/18/2016 3:58:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
tert-Butylbenzene	1.77	1.00		µg/L	1	8/18/2016 3:58:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 3:58:00 PM
Surr: 1,2-Dichloroethane-d4	108	85.3-126		%REC	1	8/18/2016 3:58:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	8/18/2016 3:58:00 PM
Surr: Dibromofluoromethane	108	84.2-122		%REC	1	8/18/2016 3:58:00 PM
Surr: Toluene-d8	90.4	86.2-135		%REC	1	8/18/2016 3:58:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 3:15:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-004
Client Sample ID: MW55D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	12.0	0.100		µg/L	1	8/22/2016 11:51:09 AM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	259	4.82		µg/L	10	8/26/2016 4:01:00 PM
Surr: 2,4,6-Tribromophenol	48.2	47.1-114		%REC	10	8/26/2016 4:01:00 PM
Surr: 2-Fluorophenol	25.6	5.79-119		%REC	10	8/26/2016 4:01:00 PM
Surr: Phenol-d6	15.3	10.6-117.9		%REC	10	8/26/2016 4:01:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 4:30:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 4:30:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 4:30:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 4:30:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 4:30:00 PM
Benzene	2.48	0.300		µg/L	1	8/18/2016 4:30:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 3:15:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-004
Client Sample ID: MW55D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 4:30:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
cis-1,2-Dichloroethene	8.74	1.00		µg/L	1	8/18/2016 4:30:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 4:30:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 4:30:00 PM
Naphthalene	26.0	1.00		µg/L	1	8/18/2016 4:30:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Tetrachloroethene	4.23	1.00		µg/L	1	8/18/2016 4:30:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Trichloroethene	2.81	1.00		µg/L	1	8/18/2016 4:30:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 4:30:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	8/18/2016 4:30:00 PM
Surr: 4-Bromofluorobenzene	113	78.1-120		%REC	1	8/18/2016 4:30:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 3:15:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-004
Client Sample ID: MW55D081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/18/2016 4:30:00 PM
Surr: Toluene-d8	94.2	86.2-135		%REC	1	8/18/2016 4:30:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 3:50:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-005
Client Sample ID: MW55081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	187	9.59		µg/L	20	8/26/2016 4:28:00 PM
Surr: 2,4,6-Tribromophenol	56.4	49.1-114		%REC	20	8/26/2016 4:28:00 PM
Surr: 2-Fluorophenol	19.0	5.79-119		%REC	20	8/26/2016 4:28:00 PM
Surr: Phenol-d6	12.2	10.6-117.9		%REC	20	8/26/2016 4:28:00 PM
VOLATILE ORGANICS BY GC/MS SW8260B						Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 8:14:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 8:14:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 8:14:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 8:14:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 8:14:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 8:14:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/11/2016 3:50:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-005
Client Sample ID: MW55081116
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromoform	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 8:14:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 8:14:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 8:14:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Trichloroethene	1.06	1.00		µg/L	1	8/18/2016 8:14:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 8:14:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	8/18/2016 8:14:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	8/18/2016 8:14:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	8/18/2016 8:14:00 PM
Surr: Toluene-d8	99.9	86.2-135		%REC	1	8/18/2016 8:14:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 10:20:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-006
Client Sample ID: USDFW1081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	1.49	0.100		µg/L	1	8/22/2016 11:54:32 AM
SEMI-VOLATILE COMPOUNDS - ACID FRACTION		**SW8270D**				Analyst: **CK**
Pentachlorophenol	ND	0.473		µg/L	1	8/26/2016 4:54:00 PM
Surr: 2,4,6-Tribromophenol	64.0	49.1-114		%REC	1	8/26/2016 4:54:00 PM
Surr: 2-Fluorophenol	24.8	5.79-119		%REC	1	8/26/2016 4:54:00 PM
Surr: Phenol-d6	15.6	10.6-117.9		%REC	1	8/26/2016 4:54:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 5:02:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 5:02:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 5:02:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 5:02:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 5:02:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 5:02:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 10:20:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-006
Client Sample ID: USDFW1081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 5:02:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 5:02:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 5:02:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-126		%REC	1	8/18/2016 5:02:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	8/18/2016 5:02:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 10:20:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-006
Client Sample ID: USDFW1081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Surr: Dibromofluoromethane	103	84.2-122		%REC	1	8/18/2016 5:02:00 PM
Surr: Toluene-d8	99.3	86.2-135		%REC	1	8/18/2016 5:02:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 11:15:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-007
Client Sample ID: RMW2D081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	ND	0.484		µg/L	1	8/26/2016 5:21:00 PM
Surr: 2,4,6-Tribromophenol	70.6	49.1-114		%REC	1	8/26/2016 5:21:00 PM
Surr: 2-Fluorophenol	23.0	5.79-119		%REC	1	8/26/2016 5:21:00 PM
Surr: Phenol-d6	14.4	10.6-117.9		%REC	1	8/26/2016 5:21:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 11:40:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-008
Client Sample ID: RMW2S081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	ND	0.474		µg/L	1	8/26/2016 5:47:00 PM
Surr: 2,4,6-Tribromophenol	59.0	49.1-114		%REC	1	8/26/2016 5:47:00 PM
Surr: 2-Fluorophenol	25.5	5.79-119		%REC	1	8/26/2016 5:47:00 PM
Surr: Phenol-d6	13.4	10.6-117.9		%REC	1	8/26/2016 5:47:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 1:50:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-009
Client Sample ID: MW61081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,3,4-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,3,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,3,6-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,4,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2,4,6-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
2-Methylnaphthalene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
3,4,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Acenaphthene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Acenaphthylene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Anthracene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Benz(a)anthracene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Benzo(a)pyrene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Benzo(b)fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Benzo(g,h,i)perylene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Benzo(k)fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Carbazole	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Chrysene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Dibenz(a,h)anthracene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Dibenzofuran	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Fluorene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Naphthalene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Pentachlorophenol	ND	1.42		µg/L	1	9/2/2016 2:24:00 PM
Phenanthrene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Pyrene	ND	0.949		µg/L	1	9/2/2016 2:24:00 PM
Surr: 2,4,6-Tribromophenol	49.1	33.1-119.7		%REC	1	9/2/2016 2:24:00 PM
Surr: 2-Fluorobiphenyl	62.5	33.1-116.2		%REC	1	9/2/2016 2:24:00 PM
Surr: 2-Fluorophenol	36.7	13.4-117.1		%REC	1	9/2/2016 2:24:00 PM
Surr: 4-Terphenyl-d14	61.3	41-122		%REC	1	9/2/2016 2:24:00 PM
Surr: Nitrobenzene-d5	54.3	28.9-119.9		%REC	1	9/2/2016 2:24:00 PM
Surr: Phenol-d6	19.4	10.6-118.5		%REC	1	9/2/2016 2:24:00 PM
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 1:50:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-009
Client Sample ID: MW61081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 5:34:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 5:34:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 5:34:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 5:34:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 5:34:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 5:34:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 5:34:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Chloroform	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 1:50:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-009
Client Sample ID: MW61081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 5:34:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 5:34:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 5:34:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	8/18/2016 5:34:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	8/18/2016 5:34:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	8/18/2016 5:34:00 PM
Surr: Toluene-d8	99.8	86.2-135		%REC	1	8/18/2016 5:34:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 2:40:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-010
Client Sample ID: MW63081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	ND	0.100		µg/L	1	8/22/2016 11:57:54 AM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,3,4-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,3,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,3,6-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,4,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2,4,6-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
2-Methylnaphthalene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
3,4,5-Trichlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Acenaphthene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Acenaphthylene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Anthracene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Benz(a)anthracene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Benzo(a)pyrene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Benzo(b)fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Benzo(g,h,i)perylene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Benzo(k)fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Carbazole	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Chrysene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Dibenz(a,h)anthracene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Dibenzofuran	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Fluoranthene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Fluorene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Naphthalene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Pentachlorophenol	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Phenanthrene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Pyrene	ND	0.949		µg/L	1	9/2/2016 2:50:00 PM
Surr: 2,4,6-Tribromophenol	51.0	33.1-119.7		%REC	1	9/2/2016 2:50:00 PM
Surr: 2-Fluorobiphenyl	65.5	33.1-116.2		%REC	1	9/2/2016 2:50:00 PM
Surr: 2-Fluorophenol	25.2	13.4-117.1		%REC	1	9/2/2016 2:50:00 PM
Surr: 4-Terphenyl-d14	63.5	41-122		%REC	1	9/2/2016 2:50:00 PM
Surr: Nitrobenzene-d5	55.6	28.9-119.9		%REC	1	9/2/2016 2:50:00 PM
Surr: Phenol-d6	15.5	10.6-118.5		%REC	1	9/2/2016 2:50:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 2:40:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-010
Client Sample ID: MW63081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 6:06:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 6:06:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 6:06:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 6:06:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 6:06:00 PM
Benzene	ND	0.300		µg/L	1	8/18/2016 6:06:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 6:06:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 2:40:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-010
Client Sample ID: MW63081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloroform	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 6:06:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 6:06:00 PM
Naphthalene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
o-Xylene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/18/2016 6:06:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	8/18/2016 6:06:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120		%REC	1	8/18/2016 6:06:00 PM
Surr: Dibromofluoromethane	103	84.2-122		%REC	1	8/18/2016 6:06:00 PM
Surr: Toluene-d8	99.6	86.2-135		%REC	1	8/18/2016 6:06:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-011
Client Sample ID: MW57D081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	22.1	0.100		µg/L	1	8/22/2016 12:01:17 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	3.98	0.944		µg/L	1	9/6/2016 3:52:00 PM
2,3,4,6-Tetrachlorophenol	131	9.44		µg/L	10	9/2/2016 5:56:00 PM
2,3,4-Trichlorophenol	12.6	0.944		µg/L	1	9/6/2016 3:52:00 PM
2,3,5,6-Tetrachlorophenol	92.4	9.44		µg/L	10	9/2/2016 5:56:00 PM
2,3,5-Trichlorophenol	10.3	0.944		µg/L	1	9/6/2016 3:52:00 PM
2,3,6-Trichlorophenol	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
2,4,5-Trichlorophenol	8.26	0.944		µg/L	1	9/6/2016 3:52:00 PM
2,4,6-Trichlorophenol	8.56	0.944		µg/L	1	9/6/2016 3:52:00 PM
2-Methylnaphthalene	1.07	0.944		µg/L	1	9/6/2016 3:52:00 PM
3,4,5-Trichlorophenol	11.4	0.944		µg/L	1	9/6/2016 3:52:00 PM
Acenaphthene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Acenaphthylene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Anthracene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Benz(a)anthracene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Benzo(a)pyrene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Benzo(b)fluoranthene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Benzo(g,h,i)perylene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Benzo(k)fluoranthene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Carbazole	11.6	0.944		µg/L	1	9/6/2016 3:52:00 PM
Chrysene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Dibenz(a,h)anthracene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Dibenzofuran	5.12	0.944		µg/L	1	9/6/2016 3:52:00 PM
Fluoranthene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Fluorene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Naphthalene	80.9	9.44		µg/L	10	9/2/2016 5:56:00 PM
Pentachlorophenol	1640	94.4		µg/L	100	9/2/2016 3:17:00 PM
Phenanthrene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Pyrene	ND	0.944		µg/L	1	9/6/2016 3:52:00 PM
Surr: 2,4,6-Tribromophenol	95.0	33.1-119.7		%REC	1	9/6/2016 3:52:00 PM
Surr: 2-Fluorobiphenyl	91.7	33.1-116.2		%REC	1	9/6/2016 3:52:00 PM
Surr: 2-Fluorophenol	28.4	13.4-117.1		%REC	1	9/6/2016 3:52:00 PM
Surr: 4-Terphenyl-d14	73.0	41-122		%REC	1	9/6/2016 3:52:00 PM
Surr: Nitrobenzene-d5	66.8	28.9-119.9		%REC	1	9/6/2016 3:52:00 PM
Surr: Phenol-d6	16.2	10.6-118.5		%REC	1	9/6/2016 3:52:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-011
Client Sample ID: MW57D081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 8:46:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 8:46:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 8:46:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 8:46:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 8:46:00 PM
Benzene	14.5	0.300		µg/L	1	8/18/2016 8:46:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 8:46:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-011
Client Sample ID: MW57D081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloroform	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
cis-1,2-Dichloroethene	10.1	1.00		µg/L	1	8/18/2016 8:46:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Isopropylbenzene	2.56	1.00		µg/L	1	8/18/2016 8:46:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 8:46:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 8:46:00 PM
Naphthalene	203	50.0		µg/L	50	8/19/2016 6:20:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
o-Xylene	7.90	1.00		µg/L	1	8/18/2016 8:46:00 PM
sec-Butylbenzene	2.56	1.00		µg/L	1	8/18/2016 8:46:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Tetrachloroethene	31.6	1.00		µg/L	1	8/18/2016 8:46:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Trichloroethene	6.85	1.00		µg/L	1	8/18/2016 8:46:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 8:46:00 PM
Vinyl chloride	1.78	1.00		µg/L	1	8/18/2016 8:46:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-126		%REC	1	8/18/2016 8:46:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	8/18/2016 8:46:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/18/2016 8:46:00 PM
Surr: Toluene-d8	89.4	86.2-135		%REC	1	8/18/2016 8:46:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-012
Client Sample ID: MW57DDUP081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	22.1	0.100		µg/L	1	8/22/2016 12:04:39 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	3.69	0.945		µg/L	1	9/6/2016 6:32:00 PM
2,3,4,6-Tetrachlorophenol	126	9.45		µg/L	10	9/2/2016 6:23:00 PM
2,3,4-Trichlorophenol	12.5	0.945		µg/L	1	9/6/2016 6:32:00 PM
2,3,5,6-Tetrachlorophenol	91.1	9.45		µg/L	10	9/2/2016 6:23:00 PM
2,3,5-Trichlorophenol	9.24	0.945		µg/L	1	9/6/2016 6:32:00 PM
2,3,6-Trichlorophenol	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
2,4,5-Trichlorophenol	7.90	0.945		µg/L	1	9/6/2016 6:32:00 PM
2,4,6-Trichlorophenol	7.16	0.945		µg/L	1	9/6/2016 6:32:00 PM
2-Methylnaphthalene	1.05	0.945		µg/L	1	9/6/2016 6:32:00 PM
3,4,5-Trichlorophenol	10.7	0.945		µg/L	1	9/6/2016 6:32:00 PM
Acenaphthene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Acenaphthylene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Anthracene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Benz(a)anthracene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Benzo(a)pyrene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Benzo(b)fluoranthene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Benzo(g,h,i)perylene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Benzo(k)fluoranthene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Carbazole	10.8	0.945		µg/L	1	9/6/2016 6:32:00 PM
Chrysene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Dibenz(a,h)anthracene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Dibenzofuran	4.28	0.945		µg/L	1	9/6/2016 6:32:00 PM
Fluoranthene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Fluorene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Naphthalene	78.9	9.45		µg/L	10	9/2/2016 6:23:00 PM
Pentachlorophenol	1620	94.5		µg/L	100	9/2/2016 3:43:00 PM
Phenanthrene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Pyrene	ND	0.945		µg/L	1	9/6/2016 6:32:00 PM
Surr: 2,4,6-Tribromophenol	71.8	33.1-119.7		%REC	1	9/6/2016 6:32:00 PM
Surr: 2-Fluorobiphenyl	89.4	33.1-116.2		%REC	1	9/6/2016 6:32:00 PM
Surr: 2-Fluorophenol	25.6	13.4-117.1		%REC	1	9/6/2016 6:32:00 PM
Surr: 4-Terphenyl-d14	85.8	41-122		%REC	1	9/6/2016 6:32:00 PM
Surr: Nitrobenzene-d5	55.7	28.9-119.9		%REC	1	9/6/2016 6:32:00 PM
Surr: Phenol-d6	16.2	10.6-118.5		%REC	1	9/6/2016 6:32:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-012
Client Sample ID: MW57DDUP081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
2-Butanone	ND	10.0		µg/L	1	8/18/2016 9:18:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/18/2016 9:18:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/18/2016 9:18:00 PM
Acetone	ND	50.0		µg/L	1	8/18/2016 9:18:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/18/2016 9:18:00 PM
Benzene	14.7	0.300		µg/L	1	8/18/2016 9:18:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Bromoform	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Bromomethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/18/2016 9:18:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Chloroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 3:25:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-012
Client Sample ID: MW57DDUP081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloroform	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Chloromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
cis-1,2-Dichloroethene	10.4	1.00		µg/L	1	8/18/2016 9:18:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Ethylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Isopropylbenzene	2.61	1.00		µg/L	1	8/18/2016 9:18:00 PM
m,p-Xylene	ND	2.00		µg/L	1	8/18/2016 9:18:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/18/2016 9:18:00 PM
Naphthalene	194	20.0		µg/L	20	8/19/2016 6:53:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
o-Xylene	8.01	1.00		µg/L	1	8/18/2016 9:18:00 PM
sec-Butylbenzene	2.76	1.00		µg/L	1	8/18/2016 9:18:00 PM
Styrene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Tetrachloroethene	31.1	1.00		µg/L	1	8/18/2016 9:18:00 PM
Toluene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Trichloroethene	7.00	1.00		µg/L	1	8/18/2016 9:18:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/18/2016 9:18:00 PM
Vinyl chloride	1.98	1.00		µg/L	1	8/18/2016 9:18:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	8/18/2016 9:18:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	8/18/2016 9:18:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/18/2016 9:18:00 PM
Surr: Toluene-d8	88.7	86.2-135		%REC	1	8/18/2016 9:18:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 4:10:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-013
Client Sample ID: MW57S081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	71.0	0.100		µg/L	1	8/22/2016 12:18:42 PM
SEMIVOLATILE ORGANICS-LOW LEVEL		**SW8270D**				Analyst: **CK**
1-Methylnaphthalene	367	95.0		µg/L	100	9/2/2016 4:10:00 PM
2,3,4,6-Tetrachlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,3,4-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,3,5,6-Tetrachlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,3,5-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,3,6-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,4,5-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2,4,6-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
2-Methylnaphthalene	597	95.0		µg/L	100	9/2/2016 4:10:00 PM
3,4,5-Trichlorophenol	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Acenaphthene	142	9.50		µg/L	10	9/2/2016 7:16:00 PM
Acenaphthylene	4.30	0.950		µg/L	1	9/6/2016 5:12:00 PM
Anthracene	8.76	0.950		µg/L	1	9/6/2016 5:12:00 PM
Benz(a)anthracene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Benzo(a)pyrene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Benzo(b)fluoranthene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Benzo(g,h,i)perylene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Benzo(k)fluoranthene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Bis(2-ethylhexyl)phthalate	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Carbazole	129	9.50		µg/L	10	9/2/2016 7:16:00 PM
Chrysene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Dibenz(a,h)anthracene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Dibenzofuran	68.6	9.50		µg/L	10	9/2/2016 7:16:00 PM
Fluoranthene	3.31	0.950		µg/L	1	9/6/2016 5:12:00 PM
Fluorene	50.9	9.50		µg/L	10	9/2/2016 7:16:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.950		µg/L	1	9/6/2016 5:12:00 PM
Naphthalene	3940	95.0		µg/L	100	9/2/2016 4:10:00 PM
Pentachlorophenol	6.46	0.950		µg/L	1	9/6/2016 5:12:00 PM
Phenanthrene	46.2	9.50		µg/L	10	9/2/2016 7:16:00 PM
Pyrene	1.83	0.950		µg/L	1	9/6/2016 5:12:00 PM
Surr: 2,4,6-Tribromophenol	66.9	33.1-119.7		%REC	1	9/6/2016 5:12:00 PM
Surr: 2-Fluorobiphenyl	80.4	33.1-116.2		%REC	1	9/6/2016 5:12:00 PM
Surr: 2-Fluorophenol	31.9	13.4-117.1		%REC	1	9/6/2016 5:12:00 PM
Surr: 4-Terphenyl-d14	76.2	41-122		%REC	1	9/6/2016 5:12:00 PM
Surr: Nitrobenzene-d5	64.6	28.9-119.9		%REC	1	9/6/2016 5:12:00 PM
Surr: Phenol-d6	21.7	10.6-118.5		%REC	1	9/6/2016 5:12:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 4:10:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-013
Client Sample ID: MW57S081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2,4-Trimethylbenzene	229	10.0		µg/L	10	8/18/2016 9:51:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,3,5-Trimethylbenzene	35.4	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
2-Butanone	ND	10.0		µg/L	1	8/19/2016 7:57:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
2-Hexanone	ND	10.0		µg/L	1	8/19/2016 7:57:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
4-Isopropyltoluene	7.42	1.00		µg/L	1	8/19/2016 7:57:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	8/19/2016 7:57:00 PM
Acetone	ND	50.0		µg/L	1	8/19/2016 7:57:00 PM
Acrylonitrile	ND	5.00		µg/L	1	8/19/2016 7:57:00 PM
Benzene	0.790	0.300		µg/L	1	8/19/2016 7:57:00 PM
Bromobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Bromochloromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Bromoform	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Bromomethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Carbon disulfide	ND	2.00		µg/L	1	8/19/2016 7:57:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Chlorobenzene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Chloroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/12/2016 4:10:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-013
Client Sample ID: MW57S081216
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Chloroform	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Chloromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Dibromomethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Ethylbenzene	101	1.00		µg/L	1	8/19/2016 7:57:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Isopropylbenzene	13.4	1.00		µg/L	1	8/19/2016 7:57:00 PM
m,p-Xylene	88.0	2.00		µg/L	1	8/19/2016 7:57:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Methylene chloride	ND	20.0		µg/L	1	8/19/2016 7:57:00 PM
Naphthalene	13800	200		µg/L	200	8/19/2016 7:25:00 PM
n-Butylbenzene	3.34	1.00		µg/L	1	8/19/2016 7:57:00 PM
n-Propylbenzene	14.8	1.00		µg/L	1	8/19/2016 7:57:00 PM
o-Xylene	67.4	1.00		µg/L	1	8/19/2016 7:57:00 PM
sec-Butylbenzene	4.62	1.00		µg/L	1	8/19/2016 7:57:00 PM
Styrene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
tert-Butylbenzene	1.00	1.00		µg/L	1	8/19/2016 7:57:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Toluene	5.38	1.00		µg/L	1	8/19/2016 7:57:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Trichloroethene	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Trichlorotrifluoroethane	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Vinyl chloride	ND	1.00		µg/L	1	8/19/2016 7:57:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	8/19/2016 7:57:00 PM
Surr: 4-Bromofluorobenzene	107	78.1-120		%REC	1	8/19/2016 7:57:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	8/19/2016 7:57:00 PM
Surr: Toluene-d8	92.3	86.2-135		%REC	1	8/19/2016 7:57:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 9:50:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-014
Client Sample ID: MW62081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	39.9	0.471		µg/L	1	8/26/2016 6:13:00 PM
Surr: 2,4,6-Tribromophenol	61.7	49.1-114		%REC	1	8/26/2016 6:13:00 PM
Surr: 2-Fluorophenol	31.4	5.79-119		%REC	1	8/26/2016 6:13:00 PM
Surr: Phenol-d6	16.9	10.6-117.9		%REC	1	8/26/2016 6:13:00 PM
VOLATILE ORGANICS BY GC/MS SW8260B						Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	8/18/2016 6:38:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	8/18/2016 6:38:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120		%REC	1	8/18/2016 6:38:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	8/18/2016 6:38:00 PM
Surr: Toluene-d8	99.6	86.2-135		%REC	1	8/18/2016 6:38:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 10:30:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-015
Client Sample ID: MW45D081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	9.96	0.478		µg/L	1	8/26/2016 6:40:00 PM
Surr: 2,4,6-Tribromophenol	63.2	49.1-114		%REC	1	8/26/2016 6:40:00 PM
Surr: 2-Fluorophenol	25.1	5.79-119		%REC	1	8/26/2016 6:40:00 PM
Surr: Phenol-d6	16.4	10.6-117.9		%REC	1	8/26/2016 6:40:00 PM
VOLATILE ORGANICS BY GC/MS SW8260B						Analyst: **CK**
Tetrachloroethene	1.45	1.00		µg/L	1	8/18/2016 7:10:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	8/18/2016 7:10:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	8/18/2016 7:10:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	8/18/2016 7:10:00 PM
Surr: Toluene-d8	99.2	86.2-135		%REC	1	8/18/2016 7:10:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 10:30:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-016
Client Sample ID: MW45DDUP081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE COMPOUNDS - ACID FRACTION SW8270D						Analyst: **CK**
Pentachlorophenol	9.20	0.473		µg/L	1	8/26/2016 7:07:00 PM
Surr: 2,4,6-Tribromophenol	60.1	49.1-114		%REC	1	8/26/2016 7:07:00 PM
Surr: 2-Fluorophenol	29.9	5.79-119		%REC	1	8/26/2016 7:07:00 PM
Surr: Phenol-d6	17.4	10.6-117.9		%REC	1	8/26/2016 7:07:00 PM
VOLATILE ORGANICS BY GC/MS SW8260B						Analyst: **CK**
Tetrachloroethene	1.53	1.00		µg/L	1	8/18/2016 7:42:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	8/18/2016 7:42:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	8/18/2016 7:42:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	8/18/2016 7:42:00 PM
Surr: Toluene-d8	99.5	86.2-135		%REC	1	8/18/2016 7:42:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 11:15:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-017
Client Sample ID: MW46D081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	2.19	1.00		µg/L	1	8/23/2016 3:13:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	85.3-126		%REC	1	8/23/2016 3:13:00 PM
Surr: 4-Bromofluorobenzene	100	78.1-120		%REC	1	8/23/2016 3:13:00 PM
Surr: Dibromofluoromethane	102	84.2-122		%REC	1	8/23/2016 3:13:00 PM
Surr: Toluene-d8	99.5	86.2-135		%REC	1	8/23/2016 3:13:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 11:40:00 AM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-018
Client Sample ID: MW46S081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS-DISSOLVED RECOVERABLE		**SW6020A**				Analyst: **jw**
Arsenic	28.5	0.100		µg/L	1	8/22/2016 12:22:04 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 1:55:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-019
Client Sample ID: MW29D081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	ND	1.00		µg/L	1	8/23/2016 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	98.8	85.3-126		%REC	1	8/23/2016 3:45:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120		%REC	1	8/23/2016 3:45:00 PM
Surr: Dibromofluoromethane	101	84.2-122		%REC	1	8/23/2016 3:45:00 PM
Surr: Toluene-d8	99.4	86.2-135		%REC	1	8/23/2016 3:45:00 PM

Specialty Analytical

Date Reported: 07-Sep-16

CLIENT: Maul Foster & Alongi
Collection Date: 8/15/2016 2:35:00 PM
Project: POR Groundwater / 9003.01.28
Lab ID: 1608154-020
Client Sample ID: MW47D081516
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		**SW8260B**				Analyst: **CK**
Tetrachloroethene	4.22	1.00		µg/L	1	8/23/2016 4:17:00 PM
Surr: 1,2-Dichloroethane-d4	99.9	85.3-126		%REC	1	8/23/2016 4:17:00 PM
Surr: 4-Bromofluorobenzene	101	78.1-120		%REC	1	8/23/2016 4:17:00 PM
Surr: Dibromofluoromethane	102	84.2-122		%REC	1	8/23/2016 4:17:00 PM
Surr: Toluene-d8	99.0	86.2-135		%REC	1	8/23/2016 4:17:00 PM

QC SUMMARY REPORT

WO#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **ICV** SampType: **ICV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **26332**

Client ID: **ICV** Batch ID: **11817** TestNo: **SW6020A** Analysis Date: **8/22/2016** SeqNo: **354621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.7	0.100	50.00	0	95.5	90	110				

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **26332**

Client ID: **CCV** Batch ID: **11817** TestNo: **SW6020A** Analysis Date: **8/22/2016** SeqNo: **354622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.4	0.100	50.00	0	92.8	90	110				

Sample ID: **MB-11817** SampType: **MBLK** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: **8/22/2016** RunNo: **26332**

Client ID: **PBW** Batch ID: **11817** TestNo: **SW6020A** Analysis Date: **8/22/2016** SeqNo: **354623**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

Sample ID: **CCV** SampType: **CCV** TestCode: **6020_WDISS** Units: **µg/L** Prep Date: RunNo: **26332**

Client ID: **CCV** Batch ID: **11817** TestNo: **SW6020A** Analysis Date: **8/22/2016** SeqNo: **354624**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.6	0.100	50.00	0	93.3	90	110				

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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **1608154-001CDUP**	SampType: **DUP**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/22/2016**	RunNo: **26332**
Client ID: **MW58D081116**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354626**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	10.4	0.100						10.45	0.124	20	

Sample ID: **1608154-001CMS**	SampType: **MS**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/22/2016**	RunNo: **26332**
Client ID: **MW58D081116**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354627**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	61.1	0.100	50.00	10.45	101	70	130				

Sample ID: **1608154-001CMSD**	SampType: **MSD**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date: **8/22/2016**	RunNo: **26332**
Client ID: **MW58D081116**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354628**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	58.4	0.100	50.00	10.45	95.9	70	130	61.11	4.52	20	

Sample ID: **CCV**	SampType: **CCV**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **26332**
Client ID: **CCV**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.7	0.100	50.00	0	91.4	90	110				

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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **6020_WDISS**

Sample ID: **CCV**	SampType: **CCB**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **26332**
Client ID: **CCB**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354638**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.6	0.100									

Sample ID: **CCB**	SampType: **CCB**	TestCode: **6020_WDISS**	Units: **µg/L**	Prep Date:	RunNo: **26332**
Client ID: **CCB**	Batch ID: **11817**	TestNo: **SW6020A**		Analysis Date: **8/22/2016**	SeqNo: **354639**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									

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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi
Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **CCV MSVWS-2059** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **CCV** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	35.0	1.00	40.00	0	87.6	80	120				
1,2-Dichloropropane	39.6	1.00	40.00	0	99.1	80	120				
Chloroform	38.3	1.00	40.00	0	95.8	80	120				
Ethylbenzene	37.0	1.00	40.00	0	92.4	80	120				
Toluene	36.4	1.00	40.00	0	91.0	80	120				
Vinyl chloride	36.0	1.00	40.00	0	89.9	80	120				

Sample ID: **LCS MSVWS-2060** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **LCSW** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354301**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.6	1.00	40.00	0	91.4	61.2	135				
Benzene	39.1	0.300	40.00	0	97.7	76.8	125				
Chlorobenzene	34.7	1.00	40.00	0	86.7	81.1	116				
Toluene	36.3	1.00	40.00	0	90.7	82	122				
Trichloroethene	33.1	1.00	40.00	0	82.8	68.5	124				

Sample ID: **LCSD MSVWS-2060** SampType: **LCSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **LCSS02** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354302**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	33.5	1.00	40.00	0	83.8	61.2	135	36.57	8.70	20	
Benzene	37.0	0.300	40.00	0	92.6	76.8	125	39.09	5.44	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **LCSD MSVWS-2060** SampType: **LCSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **LCSS02** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354302**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	32.8	1.00	40.00	0	82.1	81.1	116	34.67	5.45	20	
Toluene	34.0	1.00	40.00	0	85.0	82	122	36.29	6.57	20	
Trichloroethene	32.6	1.00	40.00	0	81.6	68.5	124	33.13	1.49	20	

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **PBW** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **PBW** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	ND	50.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **PBW** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	20.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Trichlorotrifluoroethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	109		100.0		109	85.3	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi
Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **PBW** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/18/2016** SeqNo: **354303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	104		100.0		104	78.1	120				
Surr: Dibromofluoromethane	104		100.0		104	84.2	122				
Surr: Toluene-d8	99.6		100.0		99.6	86.2	135				

Sample ID: **CCV MSVWS-2059** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **CCV** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354737**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.1	1.00	40.00	0	85.2	80	120				
1,2-Dichloropropane	40.3	1.00	40.00	0	101	80	120				
Chloroform	33.6	1.00	40.00	0	84.0	80	120				
Ethylbenzene	33.0	1.00	40.00	0	82.6	80	120				
Toluene	34.2	1.00	40.00	0	85.6	80	120				
Vinyl chloride	36.8	1.00	40.00	0	91.9	80	120				

Sample ID: **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**
Client ID: **CCB** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354738**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **CCB** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354738**

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									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	ND	50.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **CCB** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354738**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	20.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	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

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **CCB** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354738**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Trichlorotrifluoroethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	102		100.0		102	85.3	126				
Surr: 4-Bromofluorobenzene	102		100.0		102	78.1	120				
Surr: Dibromofluoromethane	103		100.0		103	84.2	122				
Surr: Toluene-d8	99.7		100.0		99.7	86.2	135				

Sample ID: **A1608139-001DMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **ZZZZZZ** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3520	100	4000	0	88.0	47.8	165				
Benzene	3690	30.0	4000	0	92.4	74.1	136				
Chlorobenzene	3200	100	4000	0	80.0	70.7	133				
Toluene	3380	100	4000	0	84.4	68.4	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **A1608139-001DMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **ZZZZZZ** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	3830	100	4000	0	95.7	50.8	164				

Sample ID: **A1608139-001DMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26306**

Client ID: **ZZZZZZ** Batch ID: **R26306** TestNo: **SW8260B** Analysis Date: **8/19/2016** SeqNo: **354752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3440	100	4000	0	85.9	47.8	165	3520	2.42	20	
Benzene	3650	30.0	4000	0	91.2	74.1	136	3694	1.28	20	
Chlorobenzene	3170	100	4000	0	79.2	70.7	133	3201	1.10	20	
Toluene	3310	100	4000	0	82.8	68.4	135	3376	1.91	20	
Trichloroethene	3560	100	4000	0	89.0	50.8	164	3828	7.26	20	

Sample ID: **MB** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26414**

Client ID: **PBW** Batch ID: **R26414** TestNo: **SW8260B** Analysis Date: **8/23/2016** SeqNo: **355347**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.3		100.0		99.3	85.3	126				
Surr: 4-Bromofluorobenzene	102		100.0		102	78.1	120				
Surr: Dibromofluoromethane	102		100.0		102	84.2	122				
Surr: Toluene-d8	98.1		100.0		98.1	86.2	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8260_W**

Sample ID: **CCB** SampType: **CCB** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **26414**

Client ID: **CCB** Batch ID: **R26414** TestNo: **SW8260B** Analysis Date: **8/25/2016** SeqNo: **355371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	1.00									
Surr: 1,2-Dichloroethane-d4	101		100.0		101	85.3	126				
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	102		100.0		102	84.2	122				
Surr: Toluene-d8	98.4		100.0		98.4	86.2	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270AFLL_W**

Sample ID: **CCV MSSWS-1394** SampType: **CCV** TestCode: **8270AFLL_W** Units: **µg/L** Prep Date: RunNo: **26448**

Client ID: **CCV** Batch ID: **11808** TestNo: **SW8270D** **SW 3510C** Analysis Date: **8/23/2016** SeqNo: **355772**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	17.9	0.500	20.00	0	89.6	80	120				

Sample ID: **MB-11808** SampType: **MBLK** TestCode: **8270AFLL_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26448**

Client ID: **PBW** Batch ID: **11808** TestNo: **SW8270D** **SW 3510C** Analysis Date: **8/23/2016** SeqNo: **355773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	0.500									
Surr: 2,4,6-Tribromophenol	64.0		100.0		64.0	49.1	114				
Surr: 2-Fluorophenol	65.5		100.0		65.5	13.4	117.1				
Surr: Phenol-d6	72.3		100.0		72.3	10.6	117.9				

Sample ID: **LCS-11808** SampType: **LCS** TestCode: **8270AFLL_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26448**

Client ID: **LCSW** Batch ID: **11808** TestNo: **SW8270D** **SW 3510C** Analysis Date: **8/23/2016** SeqNo: **355774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	18.4	0.500	50.00	0	36.8	33.3	113				

Sample ID: **LCSD-11808** SampType: **LCSD** TestCode: **8270AFLL_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26448**

Client ID: **LCSS02** Batch ID: **11808** TestNo: **SW8270D** **SW 3510C** Analysis Date: **8/23/2016** SeqNo: **355775**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	18.9	0.500	50.00	0	37.7	33.3	113	18.38	2.58	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#: **1608154**

Specialty Analytical

12-Sep-16

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270AFLL_W**

Sample ID: **LCSD-11808**	SampType: **LCSD**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date: **8/18/2016**	RunNo: **26448**
Client ID: **LCSS02**	Batch ID: **11808**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **8/23/2016**	SeqNo: **355775**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **CCV MSSWS-1394**	SampType: **CCV**	TestCode: **8270AFLL_W**	Units: **µg/L**	Prep Date:	RunNo: **26448**
Client ID: **CCV**	Batch ID: **11808**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **8/26/2016**	SeqNo: **356001**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	16.6	0.500	20.00	0	83.1	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

QC SUMMARY REPORT

WO#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **CCV MSSWS-1394** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **26500**

Client ID: **CCV** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	19.3	1.00	20.00	0	96.4	80	120				
2,3,4,6-Tetrachlorophenol	21.0	1.00	20.00	0	105	80	120				
2,3,4-Trichlorophenol	19.0	1.00	20.00	0	95.1	80	120				
2,3,5,6-Tetrachlorophenol	20.8	1.00	20.00	0	104	80	120				
2,3,5-Trichlorophenol	17.9	1.00	20.00	0	89.4	80	120				
2,3,6-Trichlorophenol	16.7	1.00	20.00	0	83.4	80	120				
2,4,5-Trichlorophenol	17.0	1.00	20.00	0	85.1	80	120				
2,4,6-Trichlorophenol	20.4	1.00	20.00	0	102	80	120				
2-Methylnaphthalene	19.8	1.00	20.00	0	99.1	80	120				
3,4,5-Trichlorophenol	18.2	1.00	20.00	0	91.1	80	120				
Acenaphthene	19.2	1.00	20.00	0	96.0	80	120				
Acenaphthylene	19.5	1.00	20.00	0	97.5	80	120				
Anthracene	20.3	1.00	20.00	0	101	80	120				
Benz(a)anthracene	18.8	1.00	20.00	0	94.0	80	120				
Benzo(a)pyrene	20.5	1.00	20.00	0	103	80	120				
Benzo(b)fluoranthene	23.4	1.00	20.00	0	117	80	120				
Benzo(g,h,i)perylene	23.6	1.00	20.00	0	118	80	120				
Benzo(k)fluoranthene	22.1	1.00	20.00	0	111	80	120				
Bis(2-ethylhexyl)phthalate	23.8	1.00	20.00	0	119	80	120				
Carbazole	21.8	1.00	20.00	0	109	80	120				
Chrysene	23.1	1.00	20.00	0	116	80	120				
Dibenz(a,h)anthracene	16.0	1.00	20.00	0	80.1	80	120				
Dibenzofuran	19.2	1.00	20.00	0	96.0	80	120				
Fluoranthene	18.8	1.00	20.00	0	94.3	80	120				
Fluorene	18.8	1.00	20.00	0	94.3	80	120				
Indeno(1,2,3-cd)pyrene	16.1	1.00	20.00	0	80.6	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

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **CCV MSSWS-1394** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **26500**

Client ID: **CCV** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	18.9	1.00	20.00	0	94.7	80	120				
Pentachlorophenol	17.0	1.00	20.00	0	85.2	80	120				
Phenanthrene	20.6	1.00	20.00	0	103	80	120				
Pyrene	16.2	1.00	20.00	0	81.2	80	120				

Sample ID: **LCS-11807** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **LCSW** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356854**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	34.1	1.00	50.00	0	68.2	30	130				
2,3,4,6-Tetrachlorophenol	42.2	1.00	50.00	0	84.3	30	130				
2,3,5,6-Tetrachlorophenol	40.9	1.00	50.00	0	81.8	30	130				
2,4,5-Trichlorophenol	38.5	1.00	50.00	0	77.0	30	130				
2,4,6-Trichlorophenol	38.3	1.00	50.00	0	76.5	30	130				
2-Methylnaphthalene	35.7	1.00	50.00	0	71.5	30	130				
Acenaphthene	33.1	1.00	50.00	0	66.2	39.8	94.2				
Acenaphthylene	32.0	1.00	50.00	0	64.0	30	130				
Anthracene	31.7	1.00	50.00	0	63.3	30	130				
Benz(a)anthracene	33.2	1.00	50.00	0	66.3	30	130				
Benzo(a)pyrene	38.2	1.00	50.00	0	76.3	30	130				
Benzo(b)fluoranthene	48.5	1.00	50.00	0	97.0	30	130				
Benzo(g,h,i)perylene	49.3	1.00	50.00	0	98.5	30	130				
Benzo(k)fluoranthene	36.5	1.00	50.00	0	72.9	30	130				
Bis(2-ethylhexyl)phthalate	40.2	1.00	50.00	0	80.4	30	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **LCS-11807** SampType: **LCS** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **LCSW** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356854**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbazole	37.5	1.00	50.00	0	75.0	30	130				
Chrysene	42.6	1.00	50.00	0	85.1	30	130				
Dibenz(a,h)anthracene	30.2	1.00	50.00	0	60.4	30	130				
Dibenzofuran	32.7	1.00	50.00	0	65.3	30	130				
Fluoranthene	31.4	1.00	50.00	0	62.7	30	130				
Fluorene	32.0	1.00	50.00	0	64.0	30	130				
Indeno(1,2,3-cd)pyrene	31.4	1.00	50.00	0	62.8	30	130				
Naphthalene	31.2	1.00	50.00	0	62.4	30	130				
Pentachlorophenol	26.7	1.00	50.00	0	53.5	43.3	113				
Phenanthrene	33.8	1.00	50.00	0	67.6	30	130				
Pyrene	27.2	1.00	50.00	0	54.4	39.4	119				

Sample ID: **LCSD-11807** SampType: **LCSD** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **LCSS02** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356855**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	34.3	1.00	50.00	0	68.6	30	130	34.10	0.643	20	
2,3,4,6-Tetrachlorophenol	43.8	1.00	50.00	0	87.7	30	130	42.16	3.93	20	
2,3,5,6-Tetrachlorophenol	44.7	1.00	50.00	0	89.5	30	130	40.91	8.94	20	
2,4,5-Trichlorophenol	37.1	1.00	50.00	0	74.2	30	130	38.50	3.65	20	
2,4,6-Trichlorophenol	40.0	1.00	50.00	0	80.0	30	130	38.26	4.40	20	
2-Methylnaphthalene	36.1	1.00	50.00	0	72.2	30	130	35.74	0.947	20	
Acenaphthene	32.7	1.00	50.00	0	65.3	39.8	94.2	33.11	1.34	20	
Acenaphthylene	31.2	1.00	50.00	0	62.4	30	130	32.02	2.63	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **LCSD-11807** SampType: **LCSD** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **LCSS02** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356855**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	32.5	1.00	50.00	0	65.0	30	130	31.66	2.68	20	
Benz(a)anthracene	33.3	1.00	50.00	0	66.7	30	130	33.15	0.542	20	
Benzo(a)pyrene	39.0	1.00	50.00	0	78.1	30	130	38.16	2.31	20	
Benzo(b)fluoranthene	52.3	1.00	50.00	0	105	30	130	48.48	7.56	20	
Benzo(g,h,i)perylene	51.2	1.00	50.00	0	102	30	130	49.27	3.90	20	
Benzo(k)fluoranthene	33.5	1.00	50.00	0	67.1	30	130	36.46	8.34	20	
Bis(2-ethylhexyl)phthalate	39.5	1.00	50.00	0	79.1	30	130	40.22	1.71	20	
Carbazole	37.2	1.00	50.00	0	74.3	30	130	37.51	0.964	20	
Chrysene	42.0	1.00	50.00	0	84.0	30	130	42.55	1.28	20	
Dibenz(a,h)anthracene	32.0	1.00	50.00	0	64.0	30	130	30.20	5.85	20	
Dibenzofuran	32.2	1.00	50.00	0	64.5	30	130	32.66	1.33	20	
Fluoranthene	30.5	1.00	50.00	0	61.1	30	130	31.36	2.65	20	
Fluorene	32.1	1.00	50.00	0	64.2	30	130	31.98	0.437	20	
Indeno(1,2,3-cd)pyrene	33.1	1.00	50.00	0	66.3	30	130	31.38	5.46	20	
Naphthalene	30.4	1.00	50.00	0	60.8	30	130	31.20	2.53	20	
Pentachlorophenol	32.0	1.00	50.00	0	64.0	43.3	113	26.74	17.9	20	
Phenanthrene	33.2	1.00	50.00	0	66.3	30	130	33.82	1.94	20	
Pyrene	26.2	1.00	50.00	0	52.3	39.4	119	27.18	3.82	20	

Sample ID: **MB-11807** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **PBW** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356912**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **MB-11807**	SampType: **MBLK**	TestCode: **8270POR_W**	Units: **µg/L**	Prep Date: **8/18/2016**	RunNo: **26500**
Client ID: **PBW**	Batch ID: **11807**	TestNo: **SW8270D**	**SW 3510C**	Analysis Date: **9/2/2016**	SeqNo: **356912**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,3,4,6-Tetrachlorophenol	ND	1.00									
2,3,4-Trichlorophenol	ND	1.00									
2,3,5,6-Tetrachlorophenol	ND	1.00									
2,3,5-Trichlorophenol	ND	1.00									
2,3,6-Trichlorophenol	ND	1.00									
2,4,5-Trichlorophenol	ND	1.00									
2,4,6-Trichlorophenol	ND	1.00									
2-Methylnaphthalene	ND	1.00									
3,4,5-Trichlorophenol	ND	1.00									
Acenaphthene	ND	1.00									
Acenaphthylene	ND	1.00									
Anthracene	ND	1.00									
Benz(a)anthracene	ND	1.00									
Benzo(a)pyrene	ND	1.00									
Benzo(b)fluoranthene	ND	1.00									
Benzo(g,h,i)perylene	ND	1.00									
Benzo(k)fluoranthene	ND	1.00									
Bis(2-ethylhexyl)phthalate	ND	1.00									
Carbazole	ND	1.00									
Chrysene	ND	1.00									
Dibenz(a,h)anthracene	ND	1.00									
Dibenzofuran	ND	1.00									
Fluoranthene	ND	1.00									
Fluorene	ND	1.00									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Naphthalene	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#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **MB-11807** SampType: **MBLK** TestCode: **8270POR_W** Units: **µg/L** Prep Date: **8/18/2016** RunNo: **26500**

Client ID: **PBW** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/2/2016** SeqNo: **356912**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	1.00									
Phenanthrene	ND	1.00									
Pyrene	ND	1.00									
Surr: 2,4,6-Tribromophenol	54.4		100.0		54.4	33.1	119.7				
Surr: 2-Fluorobiphenyl	98.2		100.0		98.2	33.1	116.2				
Surr: 2-Fluorophenol	47.1		100.0		47.1	13.4	117.1				
Surr: 4-Terphenyl-d14	91.6		100.0		91.6	41	122				
Surr: Nitrobenzene-d5	73.0		100.0		73.0	28.9	119.9				
Surr: Phenol-d6	27.6		100.0		27.6	10.6	118.5				

Sample ID: **CCV MSSWS-1394** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **26500**

Client ID: **CCV** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/6/2016** SeqNo: **357094**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	19.2	1.00	20.00	0	96.2	80	120				
2,3,4,6-Tetrachlorophenol	21.0	1.00	20.00	0	105	80	120				
2,3,4-Trichlorophenol	17.4	1.00	20.00	0	87.1	80	120				
2,3,5,6-Tetrachlorophenol	20.9	1.00	20.00	0	104	80	120				
2,3,5-Trichlorophenol	17.1	1.00	20.00	0	85.6	80	120				
2,3,6-Trichlorophenol	18.0	1.00	20.00	0	90.1	80	120				
2,4,5-Trichlorophenol	17.4	1.00	20.00	0	86.8	80	120				
2,4,6-Trichlorophenol	20.1	1.00	20.00	0	101	80	120				
2-Methylnaphthalene	19.8	1.00	20.00	0	99.2	80	120				
3,4,5-Trichlorophenol	18.4	1.00	20.00	0	92.0	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

QC SUMMARY REPORT

WO#: **1608154**

12-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: POR Groundwater / 9003.01.28 **TestCode:** **8270POR_W**

Sample ID: **CCV MSSWS-1394** SampType: **CCV** TestCode: **8270POR_W** Units: **µg/L** Prep Date: RunNo: **26500**

Client ID: **CCV** Batch ID: **11807** TestNo: **SW8270D** **SW 3510C** Analysis Date: **9/6/2016** SeqNo: **357094**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	19.0	1.00	20.00	0	95.2	80	120				
Acenaphthylene	19.3	1.00	20.00	0	96.6	80	120				
Anthracene	20.1	1.00	20.00	0	100	80	120				
Benz(a)anthracene	18.6	1.00	20.00	0	93.1	80	120				
Benzo(a)pyrene	20.8	1.00	20.00	0	104	80	120				
Benzo(b)fluoranthene	23.6	1.00	20.00	0	118	80	120				
Benzo(g,h,i)perylene	23.5	1.00	20.00	0	117	80	120				
Benzo(k)fluoranthene	23.2	1.00	20.00	0	116	80	120				
Bis(2-ethylhexyl)phthalate	23.0	1.00	20.00	0	115	80	120				
Carbazole	22.0	1.00	20.00	0	110	80	120				
Chrysene	23.2	1.00	20.00	0	116	80	120				
Dibenz(a,h)anthracene	16.5	1.00	20.00	0	82.6	80	120				
Dibenzofuran	19.0	1.00	20.00	0	94.8	80	120				
Fluoranthene	19.0	1.00	20.00	0	95.0	80	120				
Fluorene	18.5	1.00	20.00	0	92.6	80	120				
Indeno(1,2,3-cd)pyrene	16.9	1.00	20.00	0	84.4	80	120				
Naphthalene	18.9	1.00	20.00	0	94.6	80	120				
Pentachlorophenol	18.3	1.00	20.00	0	91.3	80	120				
Phenanthrene	20.4	1.00	20.00	0	102	80	120				
Pyrene	16.2	1.00	20.00	0	80.9	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
11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: ALAN HUGHES
Company: MAUL FOSTER & ALONGI
Address: 400 EAST MILLPLAIN BLVD SUITE 400
VANC. WA. 98660
Phone: 360-694 2691 Fax: 360-906-1958
Project No.: 9003-01-28 Project Name: POR GROUNDWATER
Project Site Location: OR ____ WA X Other ____
Invoice To: PORT OF RIDGEFIELD P.O. No. ____

Collected By:
Signature: Pat Kirby
Printed: PAT KIRBY

Signature: ____
Printed: KEVIN OLDHAM

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. 1608154
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	Analyses: PORT SVOC LIST (8270D)	PENTACHLOROPHENOL (8270D)	VOC's (8260B)	TETRACHLOROETHENE (8260B)	DISSOLVED ARSENIC (6020)	Comments	Lab I.D.
8-11-16	10:50	MW58D081116	WATER	5		X	X		X		
	11:25	MW56D081116		4	X		X				
	14:00	MW55S081116		5	X		X		X		
	15:15	MW55D081116		5		X	X		X		
	15:50	MW55081116		4		X	X				
8-12-16	10:20	USDFW1081216		5		X	X		X		
	11:15	RMW2D081216		1		X					
	11:40	RMW2S081216		1		X					
	13:50	MW61081216		4	X		X				
	14:40	MW63D081216		5	X		X		X		
	15:25	MW57D081216		5	X		X		X		
	15:25	MW57DDUP081216		5	X		X		X		

Relinquished By	Date	Time	Received By	Relinquished By	Date	Time
PAT KIRBY	8-17-16	1336	SA	SA	8-17-16	1412
Company: PORT OF RIDGEFIELD			Company:	Company:		

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: 8/17/16 Time: ____

CHAIN OF CUSTODY RECORD

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

Collected By:
Signature Pat Kirby
Printed PAT KIRBY

Signature
Printed KEVIN OLDHAM

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

Contact Person/Project Manager ALAN HUGHES
Company MAUL FOSTER & ALONGI
Address 400 EAST MILLPLAIN BLVD. SUITE 400
VANC. WA. 98660
Phone 360-694-2691 Fax 360-906-1988
Project No. 9003.01.28 Project Name POR GROUNDWATER
Project Site Location OR ____ WA X Other ____
Invoice To PORT OF RIDGEFIELD P.O. No. ____

For Laboratory Use
Lab Job No. 1608154
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	Analyses: PORT SUOC LIST (8270D)	PENTACHLOROPHENOL (8270D)	VOC's (8260B)	TETRACHLOROETHENE (8260B)	DISSOLVED ARSENIC (6020)	Comments	Lab I.D.
8-12-16	16.10	MW57S081216	WATER	5	X		X		X		
8-15-16	9.50	MW62D081216		4		X		X			
	10:30	MW45D081516		4		X		X			
	10:30	MW45DDUP081516		4		X		X			
	11.15	MW46D081516		3				X			
	11:40	MW46S081516		1					X		
	13:55	MW29D081516		3				X			
	14:35	MW47D081516		3				X			

Relinquished By:	Date	Time	Received By:	Relinquished By:	Date	Time
PAT KIRBY	8-17-16	1330	SA	SA	8-17-16	1412
Company: PORT OF RIDGEFIELD			Company:	Company:		

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 8/17/16 Time ____

ATTACHMENT B

DATA QUALITY ASSURANCE AND QUALITY CONTROL REVIEW MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.28 | OCTOBER 25, 2016 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected on the Port of Ridgefield site in Ridgefield, Washington. The samples were collected in August 2016.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1608154rev1 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Dissolved Metals	USEPA 6020A
Semivolatile Organic Compounds	USEPA 8270D
VOCs	USEPA 8260B

VOC = volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1608154rev1	
MW58D081116	MW57D081216
MW56081116	MW57DDUP081216
MW55S081116	MW57S081216
MW55D081116	MW62081516
MW55081116	MW45D081516
USDFW1081216	MW45DDUP081516
RMW2D081216	MW46D081516
RMW2S081216	MW46S081516
MW61081216	MW29D081516
MW63081216	MW47D081516

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014a,b) and appropriate laboratory and method-specific guidelines (SA, 2015; 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

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. All method blanks were non-detect to method reporting limits (MRLs) for all target analytes.

Trip Blanks

Trip blanks were not required for this sampling event, as samples were not analyzed for VOCs.

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 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. Because of limited sample volume, an MS/MSD was not included in the USEPA Method 8270D analyses. All MS/MSD results were within acceptance limits for percent recovery and relative percent difference (RPD).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All laboratory duplicate RPDs were within acceptance limits.

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.

In report 1608154rev1, SA noted in the case narrative that the USEPA Method 8270D LCS/LCSD were not prepared with 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, and 2,3,5-trichlorophenol. The USEPA Method 8270D continuing calibration verification (CCV) standards met percent recovery acceptance limits for all trichlorophenol compounds; thus, no results were qualified by the reviewer.

The remaining LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Two field duplicates (MW57D081216/MW57DDUP081216 and MW45D081516/MW45DDUP081516) were submitted for analysis. 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

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 used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

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

REFERENCES

SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.

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. 2014a. USEPA contract laboratory program, national functional guidelines for inorganic Superfund data review. EPA 540/R-013/001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

USEPA. 2014b. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

APPENDIX D

LAKE RIVER MAINTENANCE AND MONITORING PLAN

APPENDIX D
LAKE RIVER MAINTENANCE AND MONITORING PLAN

D-1 LAKE RIVER SEDIMENT MONITORING SAMPLING AND ANALYSIS PLAN

D-2 LAKE RIVER SEDIMENT BASELINE MONITORING REPORT

D-3 LAKE RIVER SEDIMENT LONG TERM MONITORING REPORTS

D-4 LAKE RIVER BANK INTEGRITY MONITORING PLAN

D-5 REVISED LAKE RIVER RIPARIAN ENHANCEMENT PLAN

D-6 LAKE RIVER RIPARIAN ANNUAL REPORTS

D-7 LAKE RIVER VEGETATION MAINTENANCE PLAN

APPENDIX D-1

LAKE RIVER SEDIMENT MONITORING SAMPLING AND ANALYSIS PLAN

LAKE RIVER SEDIMENT MONITORING SAMPLING AND ANALYSIS PLAN

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

Prepared for
PORT OF RIDGEFIELD
April 9, 2015
Project No. 9003.01.40

MAUL FOSTER ALONGI

Prepared by
Maul Foster & Alongi, Inc.
400 East Mill Plain Blvd., Suite 400
Vancouver, WA 98660

LAKE RIVER SEDIMENT MONITORING SAMPLING AND ANALYSIS PLAN

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

The material and data in this plan were prepared under the supervision and direction of the undersigned.

MAUL FOSTER & ALONGI, INC.

Madi Novak
Senior Environmental Scientist

Phil Wiescher, PhD
Project Environmental Scientist

CONTENTS

TABLES AND ILLUSTRATIONS IV

ACRONYMS AND ABBREVIATIONS V

1 INTRODUCTION 1
1.1 BACKGROUND 1
1.2 INVESTIGATION OBJECTIVES 2
1.3 SAMPLING SCHEDULE 2

2 SITE CONDITIONS 2

3 SAMPLE PROGRAM DESIGN 3
3.1 ISM DESIGN 3
3.2 SAMPLING PROCEDURE 4
3.3 POSITIONING 5
3.4 EQUIPMENT DECONTAMINATION 5
3.5 MANAGEMENT OF INVESTIGATION-DERIVED WASTE 5
3.6 FIELD QA/QC SAMPLES 5
3.7 WORK DOCUMENTATION 6
3.8 SAMPLE CONTAINERS, PRESERVATION, AND TRANSPORT 6
3.9 SAMPLE CUSTODY, PACKAGING, AND SHIPPING 7
3.10 FIELD INSTRUMENTATION 7

4 LABORATORY MEASUREMENTS AND PROCEDURES 8
4.1 LABORATORY TEST METHODS AND REPORTING LIMITS 8
4.2 LABORATORY INSTRUMENTATION 8
4.3 DATA REDUCTION, VALIDATION, AND REPORTING 10

5 REPORTING 13

LIMITATIONS

REFERENCES

TABLES

FIGURES

APPENDIX
ISM LABORATORY STANDARD OPERATING PROCEDURE

TABLES AND ILLUSTRATIONS

TABLES

1 CONTAINER REQUIREMENTS, HOLDING TIMES, AND PRESERVATION

2 SAMPLING PARAMETERS, ANALYTICAL METHODS, AND DATA QUALITY OBJECTIVES

3 ANALYTICAL QUALITY CONTROL REQUIREMENTS

FIGURES

1 SITE LOCATION

2 LAKE RIVER REMEDY AREA

3 PREDICTED POST-DREDGE SEDIMENT CONCENTRATIONS

4 PREDICTED POST-REMEDY SEDIMENT CONCENTRATIONS

5 SAMPLE LOCATIONS

ACRONYMS AND ABBREVIATIONS

bml	below mudline
CAP	cleanup action plan
CFR	Code of Federal Regulations
cm	centimeter(s)
COC	chain of custody
COMP	Comprehensive Operations and Maintenance Plan
CUL	cleanup level
DGPS	differential global positioning system
dioxins	polychlorinated dibenzo-p-dioxins and furans
DMMP	Dredged Material Management Program
Ecology	Washington State Department of Ecology
EIM	Environmental Information Management
ENR	enhanced natural recovery
ISM	incremental sampling methodology
LCS	laboratory control sample
MFA	Maul Foster & Alongi, Inc.
the Port	Port of Ridgefield
PSEP	Puget Sound Estuary Program
PWT	Pacific Wood Treating Co.
QA	quality assurance
QC	quality control
REL	remediation level
RSD	relative standard deviation
SAP	sampling and analysis plan
TEQ	toxicity equivalent quotient
TOC	total organic carbon
UCL	upper confidence limit
USEPA	U.S. Environmental Protection Agency
WAC	Washington Administrative Code

1 INTRODUCTION

On behalf of the Port of Ridgefield (the Port), Maul Foster & Alongi, Inc. (MFA) has prepared this sampling and analysis plan (SAP) for post-remedy assessment and monitoring to be conducted in Lake River. Lake River is located offshore of the former Pacific Wood Treating Co. (PWT) site in Ridgefield, Washington (see Figure 1). PWT operated a wood-treating facility from 1964 to 1993 at the Port's Lake River Industrial Site, now known as Miller's Landing.

On November 5, 2013, the Port entered into a Consent Decree with the State of Washington, requiring remedial action to address contamination at the former PWT site. The selected remedial action for the Lake River portion of the former PWT site consists of mechanical dredging and placement of an enhanced natural recovery (ENR) sand layer and is described in the cleanup action plan (CAP) (Washington State Department of Ecology [Ecology], 2013a). The remedy includes post-remedial monitoring, which will assess the efficacy of the remedial action and quantify the reduction in concentrations relative to the cleanup level (CUL) (Ecology, 2013a).

The Consent Decree requires a comprehensive operations and maintenance plan (COMP) that summarizes requirements for inspection and maintenance of former PWT site cleanup actions; includes actions required to operate and maintain equipment, structures, or other remedial systems (including management and maintenance of soil caps); and describes compliance monitoring plans. This SAP addresses the compliance monitoring plan for cleanup actions in Lake River and is an attachment to the forthcoming COMP.

This SAP describes sampling objectives and methods that will be used to meet compliance monitoring requirements. This SAP is generally consistent with current Puget Sound Estuary Program (PSEP) and U.S. Environmental Protection Agency (USEPA) protocols for sampling and analysis (PSEP, 1986, 1997a,b; USEPA, 1993) and standard USEPA methods based on USEPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (USEPA, 1986). This SAP meets the requirements of Washington Administrative Code (WAC) 173-340-820, and its contents are consistent with guidance provided in Ecology's Sediment Source Control Standards User Manual sediment sampling and analysis plan appendix (Ecology, 2008).

1.1 Background

The CAP identifies a remediation level (REL) and a CUL for polychlorinated dibenzo-p-dioxins and furans (collectively referred to as dioxins) in Lake River sediments. These numeric criteria guide remedial action implementation. As described in the Lake River 90% Design Report (MFA, 2014), areas exceeding the REL (30 nanograms per kilogram [ng/kg] dioxin toxicity equivalent [TEQ]) will be dredged and treated with a clean sand layer, whereas areas above the CUL (5 ng/kg dioxin TEQ), but below the REL, will be treated with clean sand. As specified in the CAP, monitoring will assess cleanup effectiveness and quantify natural recovery, i.e., the reductions in dioxin toxicity equivalent quotient (TEQ) concentrations relative to the CUL of 5 ng/kg dioxin TEQ.

1.2 Investigation Objectives

The objective of this SAP is to provide procedures for collection of data of sufficient quality to characterize post-remedy sediment conditions and ongoing, long-term natural recovery in the remedy footprint (see Figure 2). This SAP is designed to quantify the average concentration and variability of surface sediment dioxins in the remedy footprint. Compliance monitoring will be conducted in a way that ensures that results are reproducible, to the extent practicable, and that results and temporal trends can be established. To establish post-remedy baseline conditions, sampling will be conducted in 2015 after completion of remedial construction. Monitoring will be conducted to quantify the reduction in concentrations relative to the CUL.

This SAP specifies field and analytical methods, including quality assurance (QA) and quality control (QC) requirements.

1.3 Sampling Schedule

The CAP calls for assessment of dioxins in surface sediment (0 to 10 centimeters [cm]) in the remedy area shortly after construction of the remedial action, i.e., dredging and ENR sand placement. Remedy completion is scheduled for February 2015. Monitoring for dioxins in the remedy area will also be conducted at the end of year two, year five, and year ten after baseline sampling. The sampling schedule is as follows:

- Baseline (Year 0), in 2015
- Year 2, in 2017
- Year 5, in 2020
- Year 10, in 2025

The need for subsequent monitoring events will be determined by Ecology if after review of year ten sampling there are indications that concentrations could increase above expected levels.

2 SITE CONDITIONS

Lake River is a slow, flat slough of the Columbia River, hydraulically connected through a tide gate/flushing structure along the western shoreline of Vancouver Lake. Flow direction in Lake River can reverse as a result of tidal influences from the Columbia River. Low water velocity, bathymetric analysis, and grain size distribution all indicate that Lake River comprises a predominantly depositional fluvial environment and that natural attenuation of sediment concentrations should be expected to occur over time (MFA, 2013).

Predicted post-dredge (i.e., prior to clean sand placement) sediment concentrations are shown in Figure 3.Predicted post-remedy (i.e., following dredging and clean sand placement but prior to long-

term recovery) surface sediment dioxin concentrations were calculated as described in the remedial investigation and feasibility study report (MFA, 2013) and are shown in Figure 4.

Subsurface sediment in Lake River varies based on the sampling location. Generally, in the nearshore slope areas, the sediment is characterized as a fine sandy silt to a depth of approximately 5 feet below mudline (bml) that then transitions to a fine to medium sand. Subsurface sediment in the channel areas of Lake River is generally very fine sandy silt from the length of the core up to 11 feet bml, with the exception of some fine to medium sand encountered in two cores in the Lake River channel area at approximately 6 to 7 feet bml (MFA, 2013).

3 SAMPLE PROGRAM DESIGN

The incremental sampling methodology (ISM) will be used to characterize the average concentration of dioxins in sediments (HDOH, 2009, 2011; ITRC, 2012). ISM characterizes the average concentration of contaminants in a predefined area termed the decision unit. Samples (called increments) are collected from multiple locations in a decision unit under evaluation. The increments are combined into one sample (called an ISM sample) and analyzed to obtain a representative average contaminant concentration for the entire decision unit. Replicates are collected to define variability due to sampling error or spatial heterogeneity. ISM obtains data that are more representative of average concentrations than areawide concentrations derived from discrete or traditional composite samples (HDOH, 2009; ITRC, 2012).

3.1 ISM Design

ISM requires selection of a decision unit(s). A decision unit is the area and depth of sediment to be represented by the sampling process. The sampling objective is to characterize the average concentration of dioxins in surface sediments in the remedy area. As part of bank stabilization measures, some dredge areas are covered with a fish mix rock stabilization layer. Finer-grained surface sediments will be absent and fish mix rock areas will not be included in the decision unit. In addition, there are several structures (i.e., a boathouse and docks) within the remedy area that obstruct sampling access and these areas are not included in the decision unit. As specified in the CAP, surface sediments in Lake River are defined as the top 10 cm of sediment. The selected decision unit extends from the surface to 10 cm bml and is shown in Figure 5.

ISM sampling theory demonstrates that 30 increments of an adequate mass from a given decision unit of any size will generally result in a sample that is adequately representative of the average contaminant level in the decision unit (HDOH, 2009; ITRC, 2012). Thirty increments will be collected during the baseline assessment and subsequent monitoring events.

Field replicates can be used to assess sample variability (i.e., relative standard deviation [RSD]) and to assign confidence levels to results. Triplicates will be collected during monitoring events, unless it is determined in coordination with Ecology that a single replicate is sufficient due to low variability (e.g., for monitoring events after Year 5).

Increment locations were selected based on a stratified random approach using a triangular grid (using ArcGIS 10 and Visual Sample Plan 6). Using a systematic random grid, as opposed to a simple random sampling approach, reduces the probability of missing areas with significantly elevated concentrations (ITRC, 2012). For the baseline assessment, three sets of 30 locations each ("A," "B," and "C") are assigned for collection of three composite increment samples "A," "B," and "C." Increment locations are shown on Figure 5. Subsequent monitoring samples will be collected at the same location sets to enhance comparability.

3.2 Sampling Procedure

Surface sediment samples will be retrieved by a 1-inch-diameter, thin-walled, stainless steel sampling tube. The sampling tubes will be manually advanced to a depth greater than 10 cm. The sampling tube will be withdrawn and the increment extruded, using a plunger, onto a clean work surface. The increment will be measured and trimmed to 10 cm. If increment recovery is poor at certain locations, the increment will be discarded and resampled within a few feet of the original location. Approximately 100 grams per increment, for a total of 3 kilograms per sample, will be collected to provide the overall mass required by the analytical laboratory.

If it is determined sampling tubes do not achieve sufficient recovery, a grab sampler (e.g., clamshell-style petite ponar or clamshell-style petite Van Veen) will be deployed. The speed of the grab sampler's descent will be controlled to minimize disturbance of the sediment. The speed of ascent will also be controlled to minimize loss of sediment from washout. The sediment sample will be inspected upon retrieval to ensure that the grab sampler was completely closed and retained all sediment, including any surficial fines. Upon retrieval of an acceptable sediment sample, an approximately 100-gram increment that extends from 0 to 10 cm will be collected from the retrieved material. Sediment that is in contact with the sides of the sampler will not be sampled.

The following procedures for handling and analyzing sediment will be carried out:

- Samplers will wear clean, disposable gloves while collecting samples. Gloves will be changed after collection of each ISM replicate.
- Field activities and conditions and sampling data (e.g., sample description) will be recorded in a field notebook. Any deviations from the sampling protocol will be noted on field records and will be brought to the attention of the project manager. General sediment observations, such as description of surface materials, soil type and variability within decision units, and any staining or discoloration, will be recorded.
- Increment composites will be placed in glass jars. Samples will be labeled, stored in iced shipping containers with chain-of-custody (COC) documentation, and transported to the contract laboratory.
- Each increment composite will be analyzed for dioxins and total organic carbon (TOC), using USEPA Method 1613B and PSEP/SM Method 5310B, respectively. Laboratory test methods, QA/QC procedures, and data validation and reporting procedures are described in Section 4.

3.3 Positioning

A differential global positioning system (DGPS) will be used to locate the sampling position for each proposed location shown on Figure 5. Sampling locations will be determined to an accuracy of ±3 meters. Horizontal coordinates will be referenced to the Washington South State Plane HARN (NAD83). Effort will be made to collect sediment from each location; however, some locations may remain inaccessible. Samples may be field adjusted and will be collected as close as possible to the intended sample location. The DGPS will be used to record each location that has been field adjusted. Locations may be accessed by boat or by foot (e.g., locations adjacent to the shoreline).

3.4 Equipment Decontamination

Nondisposable sampling equipment that comes in direct contact with the sample (e.g., scoops, bowls) will be decontaminated before use for each ISM replicate, according to the following procedure:

- Distilled-water rinse.
- Wash with scrub brush and Alconox™ soap and distilled water solution.
- Distilled-water rinse.
- Methanol solution rinse (1:1 solution with distilled water).
- Final distilled-water rinse.

The sampling tube or grab sampler will be decontaminated before use for each ISM replicate according to the following procedure:

- Rinse with site (river) water.
- Wash with scrub brush and Alconox soap and distilled water solution.
- Rinse with distilled water.

The thoroughness of equipment decontamination will be verified by collection and analysis of equipment rinsate samples. Liquid generated by decontamination will be properly handled, according to procedures specified in Section 3.5.

3.5 Management of Investigation-Derived Waste

Decontamination fluids will be collected and stored in sealed plastic buckets and disposed of through a permitted service provider. Personal protective equipment will be disposed of in a sanitary landfill.

3.6 Field QA/QC Samples

QC samples will be collected to ensure that field samples and quantitative field measurements are representative of the media collected. Field QA/QC samples and collection frequency are as follows:

- **Equipment Rinsate Blanks—**To ensure that decontamination procedures are sufficient, an equipment rinsate blank will be collected when nondedicated equipment is used. One equipment rinsate blank will be collected for each monitoring event. Equipment rinsate blanks will be collected by passing laboratory-provided deionized/distilled water through or over sampling equipment and will be submitted for analysis of dioxins by USEPA Method 1613B. The rinsate blank results will be evaluated during data quality review.
- **Field Replicates—**Field replicates are collected to measure sampling and laboratory precision. Triplicates (three sets of 30 increment samples) will be collected during each monitoring event (see Section 3.1). The field replicate results will be evaluated during data quality review (see Section 4.3).

3.7 Work Documentation

Accurate recordkeeping will be maintained throughout the field sampling effort. A field notebook will be prepared documenting the following information:

- Name(s) of the person(s) collecting samples
- Sampling vessel and field staff
- A record of site health and safety meetings and updates
- Weather conditions
- Date and time of collection of each sample
- Representative photographs with sample location ID
- Gross characteristics of the sample, such as organic matter, biota, debris, and sheen
- Physical soil description of the sample consistent with the Unified Soil Classification System (includes soil type, density/consistency of soil, color)
- Description of material selectively removed from the sample before filling of containers for chemical analysis (e.g., gravel, wood debris)
- Any deviation from this Ecology-approved SAP

3.8 Sample Containers, Preservation, and Transport

Sample container, preservations, and holding-time requirements are summarized in Table 1. All sediment samples will be collected in glass jars. Each sample will have an adhesive plastic or waterproof paper label affixed to the container and will be labeled at the time of collection. Samples will be uniquely identified with a sample identification that, at a minimum, specifies sample name, sample location, and sample date/time. Sample containers, sample coolers, and packing materials will be supplied by the laboratory. The laboratory will maintain documentation certifying the cleanliness of containers provided. The samples will be stored in iced coolers at $4° \pm 2$ Celsius.

3.9 Sample Custody, Packaging, and Shipping

Sample custody will be tracked from point of origin through final analysis and disposal, using a COC form, which will be filled out with the appropriate sample and analytical information as soon as possible after samples are collected. For purposes of this work, custody will be defined as follows:

- In plain view of MFA field representatives
- Inside a cooler that is in plain view of MFA field representatives
- Inside any locked space such as a cooler, locker, car, or truck to which the MFA field representatives have the only available key(s)

After sample containers have been filled, they will be packed on ice in coolers and then transported to the laboratory in iced shipping containers (with a custody seal affixed).

COC procedures will begin in the field and will track delivery of the samples to the laboratories. Specific procedures are as follows:

- Samples will be packaged and shipped in accordance with U.S. Department of Transportation regulations as specified in 49 Code of Federal Regulations (CFR) 173.6 and 49 CFR 173.24.
- Individual sample containers will be packed to prevent breakage.
- A sealed envelope containing COC forms will be enclosed in a plastic bag inside the cooler.
- Signed and dated COC seals will be placed on all coolers before shipping.

Upon transfer of samples to the laboratory, the COC form will be signed by the persons transferring custody of the coolers. Upon receipt of samples at the laboratory, the shipping container seal will be broken and the condition of the samples will be recorded by the receiver. Copies of the COC will be included in laboratory reports and data validation memoranda.

3.10 Field Instrumentation

Staff or subcontractors responsible for navigation will confirm proper operation of the navigation equipment daily. This verification may consist of internal diagnostics or visiting a location with known coordinates to confirm the coordinates indicated by the navigation system. No other field equipment requires calibration. Any issues will be noted in the field notebook and corrected before sampling operations continue.

4 LABORATORY MEASUREMENTS AND PROCEDURES

4.1 Laboratory Test Methods and Reporting Limits

Chemical testing will be conducted using the analytical methods and detection limits presented in Table 2. A laboratory that can achieve detection limits lower than those required by the associated USEPA method will be selected. Samples will be maintained according to the appropriate holding times and temperatures for each analysis.

MFA will submit samples representing the decision unit replicate for chemical ISM analysis. The decision unit will have equal mass collected from its 30 increments (approximately 100 grams wet weight per increment). As discussed above, the approximately equal mass collected from each increment will be field consolidated to generate a sample of approximately 3 kilograms (wet weight).

The laboratory will air dry each decision unit sample at room temperature. The entire volume of each sample will be chopped and sieved to facilitate obtaining a representative subsample and improving analyte extraction efficiency. The sample will be sieved using an American Society for Testing and Materials No. 10 (2-millimeter) sieve.

Once the sample is dried and sieved, the laboratory will perform the "1-dimensional slabcake" subsampling procedure to sub-aliquot sample volume to be used for analysis. The slabcake procedure involves spreading the sample at a consistent depth in a line, using 20 or more passes and using a square scoop to cut across the line as needed to create an aliquot for each analysis. Samples for TOC will be ground prior to analysis.

Each sub-aliquot will be placed in its own, single sample container, consistent with the volume and preservation requirements indicated in Table 1. The final mass of the sample must be sufficient to run the requested analyses and attain the requested reporting limit. Please note that sufficient sample volume must be composited by the laboratory to create a laboratory duplicate sample and matrix spike and matrix spike duplicate, where applicable.

The remaining volume of the increment composite samples will be archived at the laboratory at -18 degrees Celsius.

An ISM standard operating procedure is included as the appendix.

4.2 Laboratory Instrumentation

Laboratory QA/QC will be maintained through the use of standard USEPA methods, based on USEPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (USEPA, 1986). Table 2 presents the data quality objectives of solid-phase testing for precision, accuracy, and completeness, while Table 3 summarizes general laboratory QA/QC procedures. The laboratory will also meet QA/QC requirements specified in the

2010 Dredged Material Management Program (DMMP) clarification paper (Hoffman and Fox, 2010). If the laboratory does not meet QA/QC acceptance limits, particularly if estimated maximum potential concentration qualifiers are anticipated, MFA will be contacted and corrective actions consistent with DMMP requirements will be taken (Hoffman and Fox, 2010).

4.2.1 Preventive Maintenance

Preventive maintenance of laboratory equipment will be the responsibility of the laboratory personnel and analysts. This maintenance includes routine care and cleaning of instruments, and inspection and monitoring of carrier gases, solvents, and glassware used in analyses. The preventive-maintenance approach for specific equipment will follow the manufacturers' specifications and good laboratory practices.

Precision and accuracy data will be examined for trends and excursions beyond control limits to determine evidence of instrument malfunction. Maintenance will be performed when an instrument begins to change, as indicated by the degradation of peak resolution, shift in calibration curves, decrease in sensitivity, or failure to meet any of the QC criteria.

4.2.2 Laboratory QA/QC Checks

QC samples and procedures verify that an instrument is calibrated properly and remains in calibration throughout the analytical sequence, and that the sample preparation procedures have been effective and have not introduced contaminants into the samples. Additional QC samples are used to identify and quantify positive or negative interference caused by the sample matrix. The following laboratory QC procedures are required for most analytical procedures:

- **Calibration Verification—**Initial calibration of instruments will be performed at the start of the project or sample run, as required, and when any ongoing calibration does not meet control criteria. The number of points used in the initial calibration is defined in the analytical method. To track instrument performance, continuing calibration will be performed as specified in the analytical method. If a continuing calibration does not meet control limits, analysis of project samples will be suspended until the source of the control failure is either eliminated or reduced to within control specifications. Any project samples analyzed while the instrument was outside control limits will be reanalyzed.
- **Method Blanks—**Method blanks are used to assess possible laboratory contamination of samples associated with all stages of preparation and analysis of samples and extracts. The laboratory will not apply blank corrections to the original data. A minimum of one method blank will be analyzed for every sample extraction group, or one for every 20 samples, whichever is more frequent.
- **Laboratory Control Samples (LCSs)—**LCSs are fortified with target analytes to provide information on analysis accuracy. Analyses of LCSs will be performed by the lab at a frequency that satisfies the analytical method requirements.

- **Laboratory Duplicates—**Laboratory duplicates are used to assess laboratory batch precision associated with all stages of preparation and analysis of samples and extracts. Laboratory duplicates will be analyzed according to method frequency requirements.
- **Surrogate Spike Compounds—**Surrogate spikes are used to evaluate the recovery of an analyte from individual samples. All project samples to be analyzed for organic compounds will be spiked with appropriate surrogate compounds as defined in the analysis method, i.e., carbon-13 labeled internal standards for the dioxin method. Recoveries determined using these surrogate compounds will be reported by the laboratory; however, the laboratory will not correct sample results using these recoveries.

4.3 Data Reduction, Validation, and Reporting

The analytical laboratory will submit analytical data packages that include laboratory QA/QC results to permit independent and conclusive determination of data quality. Data quality will be determined by MFA, using the data evaluation procedures described in this section. The results of the MFA evaluation will be used to determine if the project data quality objectives have been met.

4.3.1 Field Data Reduction

Daily internal QC checks will be performed for field activities. Checks will consist of reviewing field notes and field activity memoranda to confirm that the specified measurements and procedures are being used. The need for corrective action will be assessed on an ongoing basis, in consultation with the project manager.

4.3.2 Laboratory Evaluation

Initial data reduction, evaluation, and reporting at the analytical laboratory will be carried out as described in USEPA SW-846 manuals for organic analyses (USEPA, 1986), as appropriate. Additional laboratory data qualifiers may be defined and reported to further explain the laboratory's QC concerns about a particular sample result. All additional data qualifiers will be defined in the laboratory's case narrative report associated with each case.

4.3.3 Data Deliverables

Laboratory data deliverables are listed below. Electronic deliverables will contain the same data that are presented in the hard-copy report.

- Transmittal cover letter
- Case narrative
- Analytical results
- COC documentation
- Surrogate recoveries
- Method blank results
- LCS results

- Laboratory duplicate results

4.3.4 Data QA/QC Review

MFA will evaluate the laboratory data for precision, completeness, accuracy, and compliance with the analytical method. Dioxin data will be reported consistent with recent dioxin data treatment guidance (Ecology, 2013b). The data review will include an assessment of laboratory performance criteria and will be consistent with the USEPA national functional guidelines (USEPA, 2011; USEPA, 2014). Results of the data review will be provided as a memorandum to be included with the data report and lab result sheets. Ecology will be notified before development of the data review memorandum if laboratory results indicate any significant data quality issues.

Data qualifiers, as defined by the USEPA, are used to classify sample data according to their conformance to QC requirements. The most common qualifiers are listed below:

- J—Estimate, qualitatively correct but quantitatively suspect.
- R—Reject, data not suitable for any purpose.
- U—Not detected at a specified reporting limit.

Poor surrogate recovery, blank contamination, or calibration problems, among other things, can cause the sample data to be qualified. Whenever sample data are qualified, the reasons for the qualification will be stated in the data evaluation report.

QC criteria not defined in the guidelines for evaluating analytical data are adopted, where appropriate, from the analytical method.

The following information will be reviewed during data evaluation, as applicable:

- Sampling locations and blind sample numbers
- Sampling dates
- Requested analysis
- COC documentation
- Sample preservation
- Holding times
- Method blanks
- Surrogate recoveries
- Laboratory duplicates (if analyzed)
- Field replicates
- Field blanks
- LCSs
- Method reporting limits above requested levels
- Any additional comments or difficulties reported by the laboratory
- Overall assessment

The results of the data evaluation review will be summarized for each data package. Data qualifiers will be assigned to sample results on the basis of USEPA guidelines, as applicable.

4.3.5 Evaluation of ISM Replicates

Field QC sampling will include the collection of triplicate samples (see Section 3.1). The RSD of the analytical results for triplicate samples will be calculated to measure data precision. The RSD is calculated using the following equation:

$$RSD\% = \frac{100\% * \text{Standard Deviation}}{\text{Average}}$$

Lower RSD values are desirable, as the lower the RSD, the greater confidence there is that the average approximates a normal distribution and that the average contaminant concentrations are adequately representative of the decision unit (HDOH, 2009). It is assumed that data normally distributed have an RSD of 30 percent or less (ADEC, 2009). Acceptability of the calculated RSD percent will be evaluated in the context of such considerations as analytical results at or near the method reporting limit, which may exhibit a greater level of variability and, therefore, an elevated RSD (ADEC, 2009).

4.3.6 Data Management and Reduction

MFA uses EQuIS environmental data management software to manage all laboratory data. The laboratory will provide the analytical results in electronic EQuIS-deliverable format. Following data evaluation, data qualifiers and analytical results will be entered into MFA's EQuIS database as well as into Ecology's Environmental Information Management (EIM) database. Consistent with WAC 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data will be submitted simultaneously in both written and electronic formats.

Data may be reduced to summarize particular data sets and to aid interpretation of the results. Statistical analyses may also be applied to results. Data reduction QC checks will be performed on all hand-entered data, any calculations, and any data graphically displayed. Data may be further reduced and managed using one or more of the following computer software applications:

- Microsoft Excel® (spreadsheet)
- EQuIS (database)
- Ecology's EIM (database)
- AutoCad and/or Arc GIS (graphics)
- USEPA ProUCL (statistical software)

5 REPORTING

Ecology will be notified in writing at least two weeks before monitoring activities begin. A data report will be prepared and submitted to Ecology within 30 days of receipt and validation of the analytical data. Data will be submitted to Ecology's EIM data system at the same time the final report is submitted. The data report will include a brief summary of data collection procedures (noting, in particular, deviations from this SAP); increment locations; summary of field notes; analytical results; a data validation memorandum; and data interpretation. Data interpretation will focus on the following issues to assess cleanup action efficacy:

- Whether the dioxin TEQ concentration is representative of the decision unit.
- Dioxin TEQ trends for the decision unit over time.
- TOC trends for the decision unit over time may be used to understand dioxin TEQ trends.
- Evaluation of ISM concentrations relative to the CUL. The CUL objective will be attained if one of the following is true:
  - The mean of replicate ISM sample results does not exceed the CUL and the RSD does not exceed 30 percent.
  - If the RSD exceeds 30 percent, compliance will be demonstrated if the 95 percent upper confidence limit (UCL) of the replicate sample results does not exceed the CUL. The UCL will be calculated using the Student's-t (representing the low range estimate) and Chebyshev (representing the high range estimate) UCL methods (ITRC, 2012). The UCL method accounts for the increased likelihood of underestimating the true mean when sample variability is high (ITRC, 2012).
- If it is determined that chemical concentrations during year 2 sampling or later increase relative to prior sampling events and do not meet the CUL, an upstream reference location may be established (e.g., near upstream outfalls). A reference location would enable quantification of potential ongoing off-site chemical inputs. In addition, other investigative measures to assess elevated concentrations will be evaluated in coordination with Ecology.

The CAP calls for monitoring until year ten after remedy completion (2025). The need for subsequent monitoring events will be determined by Ecology if, after review of year ten sampling, there are indications that concentrations could increase above expected levels.

LIMITATIONS

The services undertaken in completing this plan 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 plan is solely for the use and information of our client unless otherwise noted. Any reliance on this plan by a third party is at such party's sole risk.

Opinions and recommendations contained in this plan 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 plan.

REFERENCES

ADEC. 2009. Draft guidance on multi increment soil sampling. Division of Spill Prevention and Response, Contaminated Sites Program. Alaska Department of Environmental Conservation. March.

Ecology. 2008. Sediment source control standards user manual. Sediment sampling and analysis plan appendix. Ecology Publication No. 03-09-043. Washington State Department of Ecology Sediment Management Unit. Revised February 2008.

Ecology. 2013a. Cleanup action plan, former Pacific Wood Treating Co. site. Washington State Department of Ecology. November 5.

Ecology. 2013b. Draft sediment cleanup users manual II, guidance for implementing the cleanup provisions of the sediment management standards, Chapter 173-204 WAC. Publication No. 12-09-057. Washington State Department of Ecology. December.

HDOH. 2009. Interim final technical guidance manual for the implementation of the Hawai'i State Contingency Plan. Office of Hazard Evaluation and Emergency Response. Hawai'i Department of Health. November 12.

HDOH. 2011. Technical guidance manual notes: decision unit and multi-increment sample investigations. Office of Hazard Evaluation and Emergency Response. Hawai'i Department of Health. March.

Hoffman, E., and D. Fox. 2010. Polychlorinated dioxins and furans (PCDD/F): revisions to the supplemental quality assurance project plan (SQAPP). U.S. Environmental Protection Agency. November.

ITRC. 2012. Technical and regulatory guidance: incremental sampling methodology. The Interstate Technology & Regulatory Council Incremental Sampling Methodology Team. February.

MFA. 2013. Former PWT site remedial investigation and feasibility study. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington.

MFA. 2014. Lake River 90% remedial design report. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. March 3.

PSEP. 1986. Recommended protocols for measuring conventional sediment variables in Puget Sound. Prepared for the U.S. Environmental Protection Agency, Region 10, Seattle, Washington. Puget Sound Estuary Program.

PSEP. 1997a. Recommended guidelines for measuring organic compounds in Puget Sound sediment and tissue samples. Prepared for the U.S. Environmental Protection Agency, Region 10, and the Puget Sound Water Quality Authority. Puget Sound Estuary Program.

PSEP. 1997b. Recommended guidelines for sampling marine sediment, water column, and tissue in Puget Sound. Prepared for the U.S. Environmental Protection Agency, Region 10, and the Puget Sound Water Quality Authority. Puget Sound Estuary Program.

USEPA. 1986. Test methods for the evaluation of solid waste: physical/chemical methods. 3rd ed. EPA SW-846. U.S. Environmental Protection Agency.

USEPA. 1993. Test methods for evaluating solid waste, physical/chemical methods. 3rd ed., update 4B. EPA SW-846. U.S. Environmental Protection Agency. August.

USEPA. 2011. USEPA contract laboratory program national functional guidelines for chlorinated dioxin/furan data review. EPA 540/R-11/016. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. September.

USEPA. 2014. R10 Data Validation and Review Guidelines for Polychlorinated Dibenzo-p-Dioxin and Polychlorinated Dibenzofuran Data (PCDD/PCDF) Using Method 1613B, and SW846 Method 8290A. EPA-910-R-14-003. U.S. Environmental Protection Agency, Office of Environmental Assessment. May.

TABLES

Table 1
Container Requirements, Holding Times, and Preservation
Former PWT Site
Ridgefield, Washington

Parameter	Sample Size*	Container Size and Type	Hold Time for Analysis	Preservation
Dioxins	3.0 kg	1-gallon jar (protect from light)	30 days	4°C
			1 year	-18°C
Total organic carbon			28 days	4°C
			6 months	-18°C

NOTES:

°C = degrees Celsius.

dioxins = polychlorinated dibenzo-p-dioxins and furans.

kg = kilogram(s).

oz = ounces.

PWT = Pacific Wood Treating Co.

*Sample size is for each decision unit. Approximately 100 grams will be collected for each sub-aliquot.

Table 2
Sampling Parameters, Analytical Methods, and Data Quality Objectives
Former PWT Site
Ridgefield, Washington

	Analytical Method	Units	Practical Quantitation Limit	Level of Detection*	Precision	Laboratory Control Sample Accuracy	Internal Standard Accuracy	Completeness
Dioxins								
2,3,7,8-TCDF	USEPA 1613B	ng/kg	0.5	0.10	NA	75-158% R	24-169% R	100%
2,3,7,8-TCDD	USEPA 1613B	ng/kg	0.5	0.10	NA	67-158% R	25-164% R	100%
1,2,3,7,8-PeCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	80-134% R	24-185% R	100%
2,3,4,7,8-PeCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	68-160% R	21-178% R	100%
1,2,3,7,8-PeCDD	USEPA 1613B	ng/kg	2.5	0.50	NA	70-142% R	25-181% R	100%
1,2,3,4,7,8-HxCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	72-134% R	26-152% R	100%
1,2,3,6,7,8-HxCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	84-130% R	26-123% R	100%
2,3,4,6,7,8-HxCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	70-156% R	28-136% R	100%
1,2,3,7,8,9-HxCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	78-130% R	29-147% R	100%
1,2,3,4,7,8-HxCDD	USEPA 1613B	ng/kg	2.5	0.50	NA	70-164% R	32-141% R	100%
1,2,3,6,7,8-HxCDD	USEPA 1613B	ng/kg	2.5	0.50	NA	76-134% R	28-130% R	100%
1,2,3,7,8,9-HxCDD	USEPA 1613B	ng/kg	2.5	0.50	NA	64-162% R	NA	100%
1,2,3,4,6,7,8-HpCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	82-122% R	28-143% R	100%
1,2,3,4,7,8,9-HpCDF	USEPA 1613B	ng/kg	2.5	0.50	NA	78-138% R	26-138% R	100%
1,2,3,4,6,7,8-HpCDD	USEPA 1613B	ng/kg	2.5	0.50	NA	70-140% R	23-140% R	100%
OCDF	USEPA 1613B	ng/kg	5.0	1.00	NA	63-170% R	NA	100%
OCDD	USEPA 1613B	ng/kg	5.0	1.00	NA	78-144% R	17-157% R	100%
Physical Parameters								
Total organic carbon	PSEP/SM 5310B	%	0.02	0.01	+/- 20% RPD	85-115% R	NA	90%

Table 2
Sampling Parameters, Analytical Methods, and Data Quality Objectives
Former PWT Site
Ridgefield, Washington

NOTES:

dioxins = polychlorinated dibenzo-p-dioxins and furans.

NA = not applicable.

ng/kg = nanograms per kilogram (parts per trillion).

PSEP = Puget Sound Estuary Program.

PWT = Pacific Wood Treating Co.

R = recovery.

RPD = relative percent difference.

USEPA = U.S. Environmental Protection Agency.

*Level of detection for Method 1613B is based on likely estimated detection limits from Vista Analytical Laboratory. Estimated detection limits may change, depending on matrix conditions and laboratory discretion.

Table 3
Analytical Quality Control Requirements
Former PWT Site
Ridgefield, Washington

Analysis Type	Initial Calibration	Ongoing Calibration	Labeled Analogs	Batch Duplicates	Matrix Spikes	LCS/OPR	Method Blanks	Surrogate Spikes	Equipment Rinsate Blank	Field Triplicates
Dioxins	As required by USEPA Method 1613B	Every 12 hours	Every sample	NA	NA	1 per 20 samples	1 per 20 samples	Every sample	1 per sampling event	1
Total organic carbon	As required	1 per 15 samples	NA	1 per 10	NA	1 per 20 samples	1 per 20 samples	NA	NA	1

NOTES:

dioxins = polychlorinated dibenzo-p-dioxins and furans.

LCS = laboratory control sample.

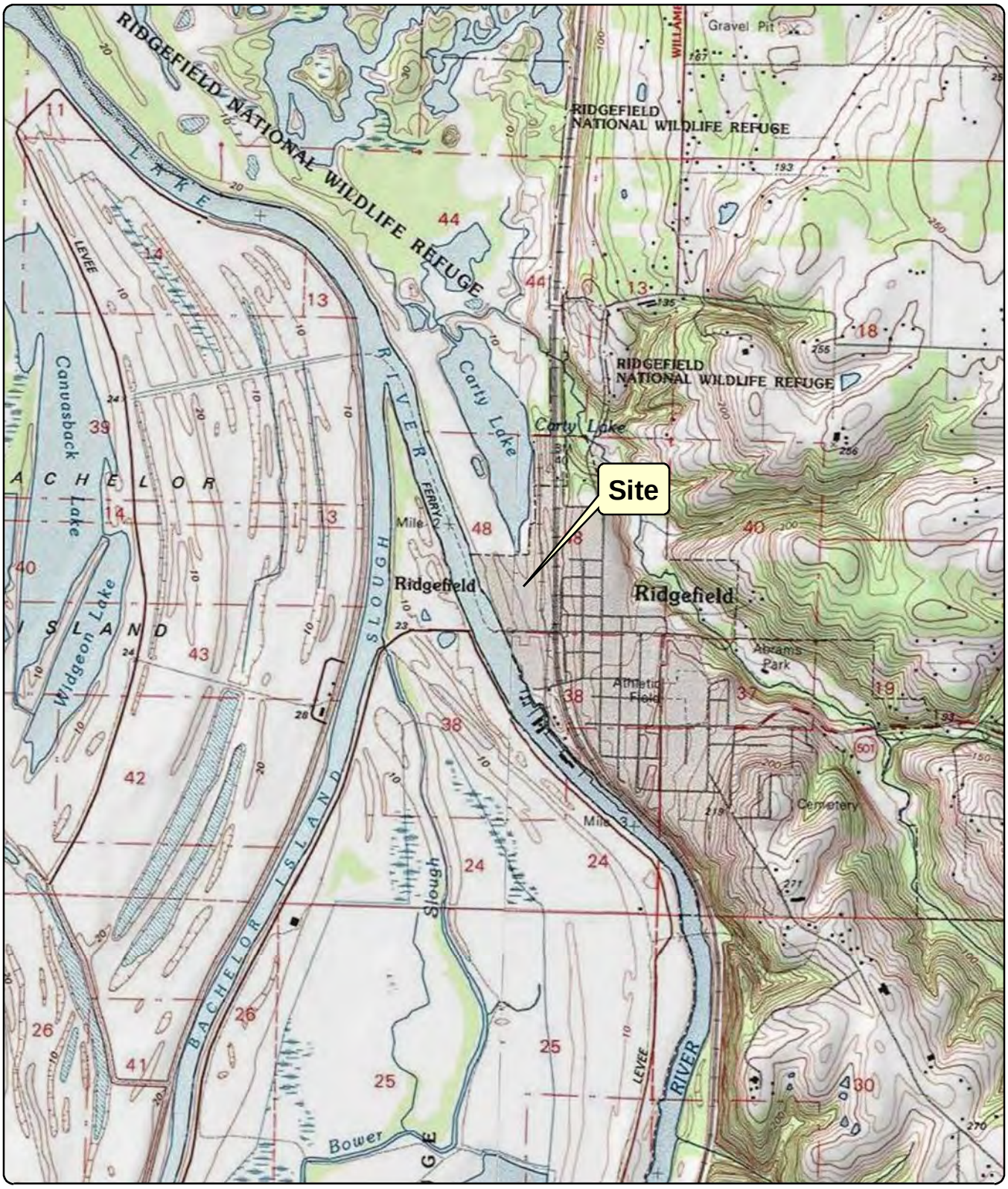
NA = not applicable.

OPR = ongoing precision and recovery sample (used for dioxin analysis).

PWT = Pacific Wood Treating Co.

USEPA = U.S. Environmental Protection Agency.

FIGURES



Source: Topographic Quadrangle obtained from ArcGIS Online Services/NGS-USGS TOPO! US Geological Survey (1999)
7.5-minute topographic quadrangle: Ridgefield
Address: Lake River Industrial Site
111 W. Division Street, Ridgefield, WA 98642
Section: 24 Township: 4N Range: 1W Of Willamette Meridian

Figure 1
Site Location

Former PWT Site
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 360 694 2691 | www.maulfoster.com

0 1,000 2,000
Feet

Path: X:\9003.01 Port of Ridgefield\d40\Projects\06\Lake River SAP\Fig1_Site Location.mxd
Print Date: 1/19/2015
Approved By: J. King
Produced By: D. Coe/ W. Coffey
Project: 9003.01.20

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

Notes:
1. ENR = Enhanced Natural Recovery.
2. Dredge depths denote neatline.
3. Dredged areas will also receive 1 foot of ENR treatment.
4. Analysis extent has been clipped to the bank-sediment interface. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.

Legend

- Historical Outfall
- Surface Sediment Sample
- Fish Mix

Remedial Action Areas

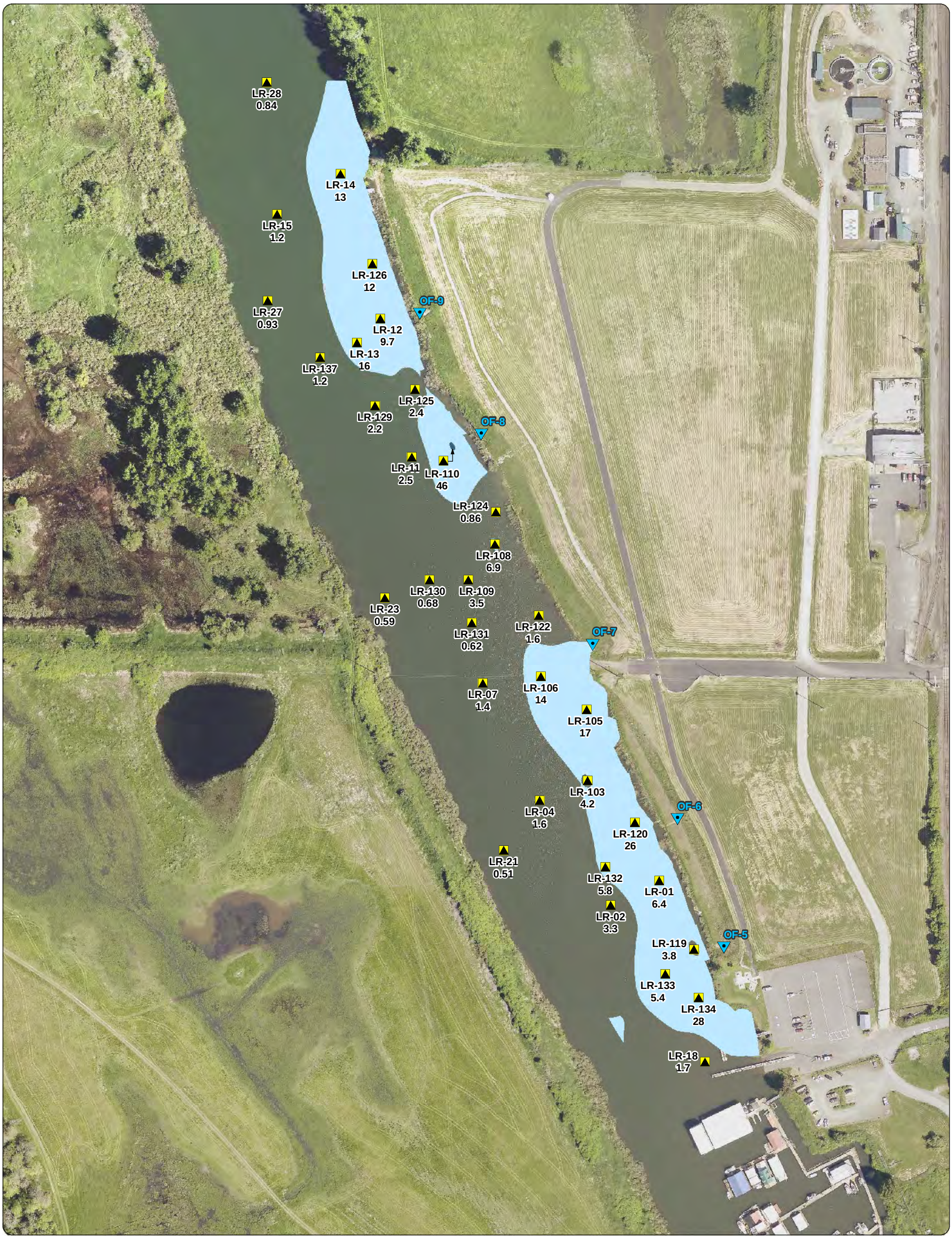
- ENR Only
- 1-ft Dredge
- 2-ft Dredge
- 3-ft Dredge

Figure 2
Lake River Remedy Area

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com



Source: Aerial photograph (2013) obtained from the National Agriculture Imagery Program (NAIP).

Notes:
1. ENR = Enhanced Natural Recovery.
2. IDW = Inverse Distance Weighted.
3. TEQ = Toxicity Equivalent.
4. ng/kg = nanograms per kilogram.
5. Analysis extent has been clipped to the upshore extent of dredge feasibility plus 20 feet bankward. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.
6. Post-remedy concentrations were log-normalized prior to conducting interpolation to maintain consistent methodology with the interpolation of the pre-remedy surface.
7. IDW parameters: Power=1, 200-ft x 100-ft elliptical search neighborhood at 155°, minimum samples=1, smoothing factor=0.5.

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Legend

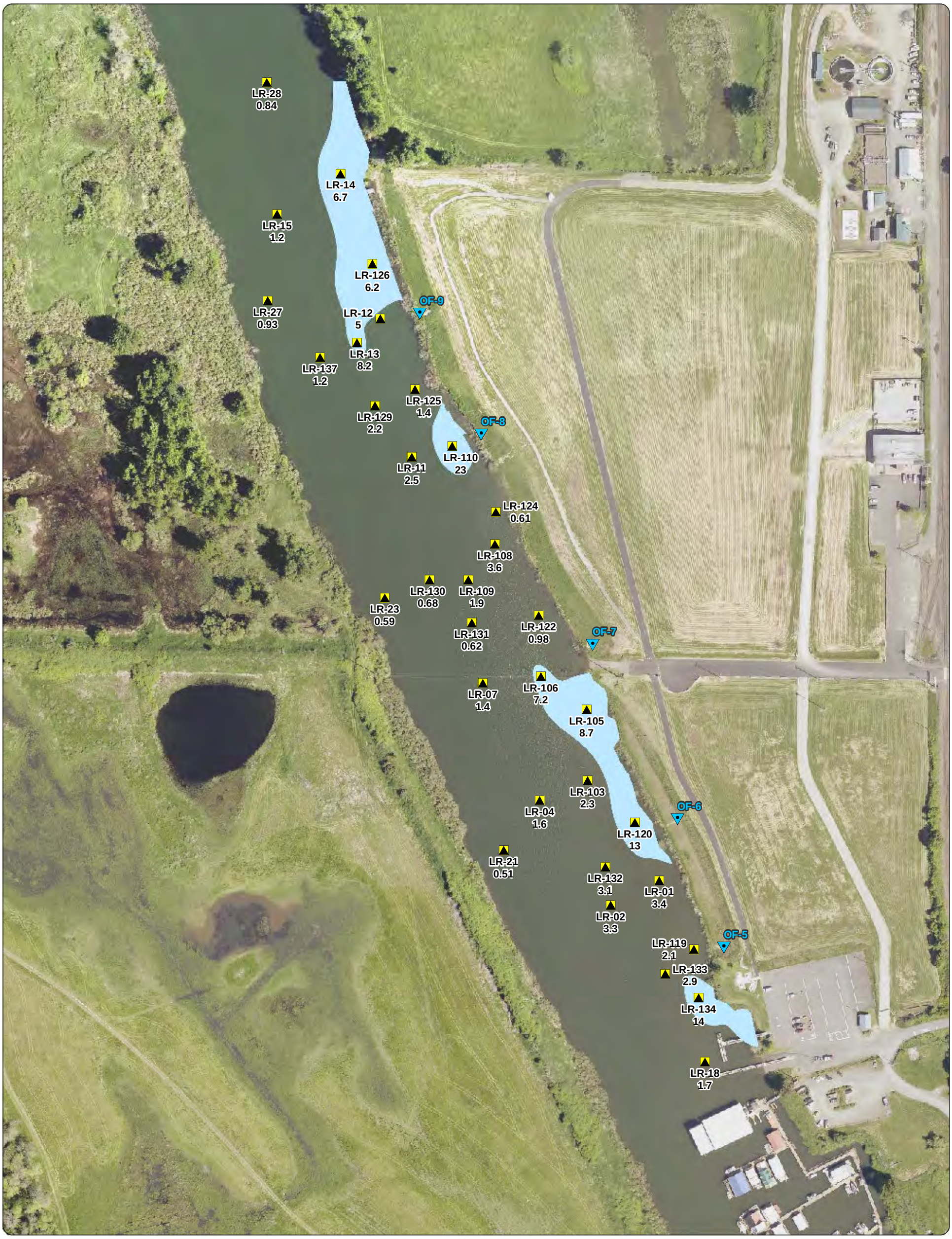
- Surface Sediment Sample
- Current Outfall
- Surface Dioxin TEQ (ng/kg)
  - 5.1 - 30
  - > 30

Figure 3
Predicted Post-Dredge Sediment Concentrations

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

Project: 9003.01.40/06
Produced By: jschane
Approved By: mnovak
Print Date: 4/1/2015



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

Notes:
1. ENR = Enhanced Natural Recovery.
2. IDW = Inverse Distance Weighted.
3. TEQ = Toxicity Equivalent.
4. ng/kg = nanograms per kilogram.
5. Post-remedy concentrations were log-normalized prior to conducting interpolation to maintain consistent methodology with the interpolation of the pre-remedy surface, which presented a positively skewed histogram.
6. Analysis extent has been clipped to the upshore extent of dredge feasibility plus 20 feet bankward. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.
7. IDW parameters: Power=1, 200-ft x 100-ft elliptical search neighborhood at 155°, minimum samples=1, smoothing factor=0.5.

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Legend

- Surface Sediment Sample
- Current Outfall

Surface Dioxin TEQ (ng/kg)

5.1 - 30 | > 30

0 100 200
Feet

Figure 4
Predicted Post-Remedy Sediment Concentrations

Former PWT Site
Ridgefield, Washington

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig5_Sample Locations.mxd

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

Notes:
1. ISM = incremental sampling methodology.
2. Bankward sample locations extent was clipped to the extent of fish mix plus 5 feet riverward.

Legend

- ISM Sample Location (A)
- ISM Sample Location (B)
- ISM Sample Location (C)
- ISM Sample Boundary
- Fish Mix

Figure 5
Sample Locations

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Produced By: jschane
Approved By: mnovak
Print Date: 3/31/2015
Project: 9003.01.40/06

APPENDIX

ISM LABORATORY STANDARD OPERATING PROCEDURE

APEX LABORATORIES, LLC

STANDARD OPERATING PROCEDURE
APPROVAL SIGNATURE PAGE

SOP Title: **Incremental Sampling Methodology (ISM)**

SOP Number: **GS-103 R0 ISM**

Effective Date: June 3rd, 2011

Approval Signatures:

Technical Manager: _____ 6/3/11
David Jack — date

QA Manager: _____ 6-3-11
Evan Holloway (Technical Review) — date

1 INTRODUCTION

This SOP describes the policies and procedures of Apex Laboratories concerning the preparation of soil samples received from Incremental Sampling Methodology (ISM) events. ISM is a sampling procedure that relies on a large number of samples (typically greater than 30) being collected in a certain area and combined into a single sample, rather than a smaller number of discrete samples that are analyzed individually. This procedure involves preparation of the combined sample and differs from normal lab compositing.

2 SCOPE AND APPLICATION

This procedure is typically applicable for analysis of metals and non-volatile organics. Preservation of samples for volatile organic analysis (VOA) is performed in the field. Compositing of preserved ISM VOA samples is not covered by this version of this SOP, which will be revised as necessary. See ITRC guidance for further information on VOA sampling and compositing.

ISM is a very project specific procedure, and should be driven by the client's Sampling Analysis Plan. Contact with the client is essential prior to beginning ISM processing, as the end use of the data may significantly change the procedure used to composite the samples. This SOP is intended as guidance for the steps common for most ISM samples, and is not intended to supersede client instructions as to how their samples should be handled. Modifications will be documented on the ISM request form (example, Appendix A).

3 SUMMARY OF METHOD

The entire volume of each sample is used in this preparation. The samples are air dried, then sieved through a #10 (2 mm mesh) sieve and the material that does not pass through is discarded. The material is either extracted and analyzed as is or further prepared for metals extraction.

4 SAFETY AND ENVIRONMENTAL

4.1 Personal protective equipment (P.P.E.) such as lab coats, nitrile gloves, and safety glasses must be worn while working with samples. Dust masks are optional, but recommended.

4.2 All secondary containers used to store samples or solutions beyond immediate use require proper labeling.

4.3 All waste, rinsate, expired solutions and/or solvents generated by this method should be handled in accordance with Apex's hazardous waste procedures. Care should be taken not to discharge any potentially hazardous or unknown substances into the drains or sinks.

4.4 Any step that creates dust, such as sieving or grinding, must be performed in a fume hood.

5 APPARATUS AND MATERIALS

- #10, #20 or other sieves
- Stainless steel bowls and spoons
- Ceramic mortar and pestle, Automated or Manual
- Dish and Puck Mill
- Aluminum baking sheets
- Heavy duty aluminum foil
- Butcher's paper
- Flat metal spatulas
- Sieve cleaning brushes
- Lab grade acetone or methanol

6 PREPARATION FOR PROCESSING

6.1 CLIENT CONTACT

An ISM coordinator will be designated for each project. This person will be the main client contact at Apex for the duration of the ISM event, and will supervise and review all steps of the process that occur at Apex and any portions of the processing that are subcontracted.

The ISM coordinator MUST contact the client regarding appropriate sample handling procedures and fill out an ISM Request Form. This should be done significantly prior to samples being received at the laboratory to allow for modifications of the method or apparatus as necessary.

The client's Sampling and Analysis Plan (SAP), however named, and DQOs must also be received by the laboratory prior to sample processing.

The ISM coordinator will also generate a project specific ISM Worksheet (example, Appendix B) to use as a template for the ISM process. This spreadsheet will act as a guide for sample login by designating the appropriate log in procedure and will outline the steps required by the client's SAP.

Effective communication between the lab, the samplers, and the project team is essential to a successful ISM project.

6.2 SAMPLE RECEIPT

6.2.1 ISM samples will be received either in multitudes of individual soil jars (at least 30) or in multiple bags containing samples pulled from at least 30 sites. These containers will generally not be logged in to Element as being associated with the sample work order or sample number. The sample referenced by Apex for all analyses will be created by this procedure. Log samples in for the Incremental Sampling Methodology test code, and create empty sample jars with labels in accordance with the ISM worksheet.

6.2.2 Once the ISM procedure is complete, the jars will be returned to sample receiving and

requested analysis can be added to the appropriate samples.

6.3 BLANK SAMPLE

6.3.1 A Blank sample consisting of Ottawa Sand will be processed through most steps of the ISM procedure along with the samples IF metals analysis is requested. It will be analyzed for metals only unless otherwise specified by the ISM worksheet. All references to a sample in the following steps will also include the Blank sample.

6.3.1.1 Due to volume restrictions, some steps of the process are not applicable to the blank. Note any steps not performed on the ISM worksheet. 1-D Japanese Slab Cake Subsampling is performed by default, 2-D Slab Cake is not applicable for the small volume used for the blank.

6.3.2 The Blank sample should be logged in as the last two samples on each work order where ISM will be performed. The first of the two Blanks will be processed as a sample by ISM. It will be provided to Sample Receiving in a 1 gallon plastic bag. The second will be analyzed as is in order to provide a baseline for metals analysis, and will be provided in a 4 oz jar.

6.3.3 Log in jars for the first of the two Blank samples according to the following table:

Jar A	Plastic Bag	Blank	<2mm	NA	No analysis
Jar B	4 oz jar	Metals analysis	Requested final grain size	> 15 g	Requested metals

6.4 EQUIPMENT CLEANING

6.4.1 All equipment and work spaces must be cleaned before and after each sample is processed in order to minimize the potential for cross contamination. The fume hood used for sieving and grinding must have its work surface and inside walls washed with soap and warm water and rinsed with acetone initially and between preparation of each composite batch of samples. All equipment should be washed with warm water and soap before and in between each sample batch, followed by a rinse with acetone.

6.4.2 Trays used for air drying, subsampling, etc. may be lined with new aluminum foil or butcher's paper prior to use instead of the above cleaning procedure.

6.4.3 All references to cleaned equipment indicate that one of these procedures should be followed before use.

7 SAMPLE PROCESSING

In order to reduce potential sources of error, this procedure processes the entire sample received

at the laboratory through as many steps as possible. Unless otherwise specified, references to sample in this document refer to the total amount of sample received, or what is still defined as sample after prior processing steps. See the Quality Control section for a further discussion on sources of error and Data Quality Objectives (DQOs).

Each ISM sample will be different. The following steps are potential parts of any ISM processing, but may not be used for all samples. As such, the processing for each ISM sample will be driven by the SAP and the steps below should not be considered sequential requirements for all ISM projects. Refer to the SAP and the ISM worksheet for which steps are necessary for each sample. Steps not included in this SOP may be necessary. Details of these steps should be included in the ISM worksheet or other documentation.

7.1 SAMPLE IDENTIFICATION

ISM samples may include material that is not considered part of the analytical sample. Vegetation, oversized material, and decantable water are examples of material that may be requested to be removed before sample processing begins. The SAP should include detailed instructions as to what defines the analytical sample, and what to do with materials that are removed. This may include documenting their removal photographically, and potentially by weight.

7.2 PERCENT MOISTURE DETERMINATION

If as received percent moisture determination is requested on samples, it must be performed before samples are air dried. Samples will be homogenized as best as possible with field most samples, and a subsample aliquot taken as using the 2-D Japanese Slab Cake method. This may be done with or without wet sieving.

This result will be reported as the percent moisture. Dry weight analysis and correction will be performed on the prepared samples, but this result does not reflect the percent moisture of the sample as received.

7.3 SAMPLE SPLITTING/MASS REDUCTION

Splitting an ISM sample may be requested prior to other processing in order to have two separate sample processing paths for two different types of analysis, for sample mass reduction, or other reasons. This is not recommended due to potential increases in uncertainty of the data. Duplicate field samples are the preferred method for separate processing steps.

7.3.1 Three simple sample splitting techniques are available for use at Apex:

7.3.1.1 Alternate Shoveling divides the sample into two subsamples by placing alternate subsample scoops of the original sample into two separate sample containers.

7.3.1.2 Fractional Shoveling is similar to alternate shoveling except the sample is divided into three or more subsamples.

7.3.1.3 Cone and Quartering splits the sample into two subsamples by pouring the sample into a large cone, flattening the top and dividing into four sections. Opposite sections of the sample are then combined to form the two subsamples. This requires a flowable sample, and should be performed after samples are air dried and disaggregated. Therefore, this is only an option if both sample splits can be air dried.

7.4 SAMPLE CONDITIONING

Sample conditioning is usually necessary before homogenization or particle size reduction steps, in order to produce a flowable sample. Some sample conditioning steps may not be appropriate for some Chemicals of Concern (COCs), such as low boiling point SVOCs and Mercury. (See ITRC Table 6.1.) The SAP should address acceptable sample conditioning steps and how to process samples if conditioning is not acceptable.

Air drying at room temperature is the default sample conditioning step used by Apex if particle size reduction steps such as sieving are required. Other conditioning steps include drying at elevated temperature, freeze drying, and water addition. If these methods are requested, their procedure should be carefully specified in the SAP.

7.4.1 AIR DRY

7.4.1.1 Air dry the entire volume of all the sample containers by emptying them out on flat aluminum bakers sheets lined with heavy duty aluminum foil or butcher's paper and spread out to a depth of < 1 inch.

NOTE: Aluminum may not be an appropriate choice for samples where aluminum, chromium, or other compounds that may react with aluminum, are COCs. Paper or plastic maybe better choices in these cases. However, plastic must be avoided if phthalates or placsticizers are COCs, and paper cannot be used if organic carbon or other organics that may sorb to paper are COCs.

7.4.1.2 Place trays in bakery rack and allow to dry at ambient temperature in a low traffic area with sufficient air flow to carry away evaporated moisture, such as in or near a fume hood. 1-2 days are normally needed. Turning samples may be necessary to aid the drying process for wet samples, and layers of clay should be broken up in a mortar and pestle halfway through the drying process to avoid formation of bricks that are difficult to break apart after they are fully dried.

7.4.1.3 Samples should not be allowed to dry for more than three days, due to potential loss of more volatile analytes.

7.4.1.4 Record the air drying start and end times on the ISM worksheet.

7.4.1.5 After samples are dry, remove any visible sticks, rocks, vegetation, or other non-soil materials.

NOTE: If samples will be air dried, they do not need to be stored in the refrigerator. However, they most likely will be for ease of sample control. Ask the Sample Control department if questions arise about appropriate sample storage locations.

7.5 PARTICLE SIZE REDUCTION

For many projects, particle size reduction will be required in order to reduce the uncertainty associated with the data. Most samples will require that the particle size is less than 2 mm before analysis. This will ensure that a 10 to 30 gram aliquot will be enough sample volume to meet DQOs. For analyses that cannot use at least 10 grams of sample, (metals, cyanide, and other wet chem tests) grain size of less than 0.25mm must be achieved. Specific projects may require even finer grain sizes for these analyses.

If the ISM worksheet specifies that the sample will be processed to reduce particle size, there are many techniques that may be used. Automated mortar and pestle or dish and puck mill are two that are available to Apex. Depending on the COCs, these may not be appropriate, and SAP should specify which technique to use.

If a particle size reduction step is required, the entire sample should be ground so that it can pass through the sieve corresponding to the final grain size requested by the ISM worksheet. If multiple analyses are to be performed, this may require multiple samples to be taken in the field, or the sample to be split prior to processing.

7.5.1 SAMPLE SIEVING

7.5.1.1 Soil clumps should be broken up to allow them to pass through the sieve, and anything remaining in the sieve (stones, metal, glass) should be discarded and noted. Clay, wet, and/or rocky samples pose significant difficulties during this process. Breaking up dried clumps of dirt/clay and separating them from the material to be removed may be facilitated by grinding, pounding, tumbling or shaking samples by any available means. Record procedure used on ISM worksheet.

7.5.1.1.1 A sieve stack consisting of a lid, #4 and #10 sieves and a sieve pan may be loaded with sample and placed in to a sieve shaker for 5 to 10 minutes to breakup clumps without changing particle sizes.

7.5.1.1.2 A blender or coffee grinder may be used to disaggregate samples, but keep blending times low to reduce wear on blade, contamination of samples with blade material, and loss of analyte due to sample heating.

7.5.1.1.3 A mortar and pestle may be used, though this method can cause more particle size reduction than other methods.

7.5.2 MILLING/GRINDING

This step is often done on the sample that has passed through the #10 sieve. (Everything larger than 2mm is not defined as sample.)

7.5.2.1 Automated Mortar and Pestle:Using a cleaned mortar and pestle, grind the entire sample until it is fine enough to pass through the required sieve, as noted on the ISM

worksheet. See instrument manual or Apex operating procedure for details.

NOTE: This can also me done manually, which is a very laborious process and should only be done for small samples with few particles greater than the required size.

7.5.2.2 Dish and Puck Mill: This may be appropriate for some projects where metals are not COCs. See instrument manual or Apex operating procedure for details.

7.5.3 Enter details of the operation, operator initials and date on the ISM worksheet.

7.6 HOMOGENIZATION

The sample mixing step specified here assumes that the sample has been sieved so that all particles are less than 2mm. If this is not the case, simply stirring the sample will be more likely to increase sample homogeneity than decrease it, due to particle size separation within the bowl. Tumbling the sample in a container with sufficient headspace to allow free movement, or placing the entire sample into a blender or mill are better options in the case of un-sieved samples.

7.6.0.1 Place the entire sample (minus any portions removed during the Air drying and Sieving steps, if performed) into a stainless steel bowl. Stir the sieved sample well (approximately 3 minutes) to homogenize.

7.6.0.2 If it is necessary to complete the compositing procedure at a later time, place the entire homogenized sample into the 1 gallon re-closeable plastic bag labeled A for storage.

7.6.1 Enter operator initials and date on the ISM worksheet.

7.7 SUBSAMPLING

There are many methods available for subsampling, some of which produce less error than others. Apex has available two simple incremental sampling methods. If other methods are required, Apex will procure the appropriate technology or subcontract this portion of the process.

If subsampling for an analytical aliquot, pay close attention to the ISM worksheet. The aliquots taken must be very close to the mass requirements, because the entire aliquot subsampled must be used for analysis.

If specified by the ISM worksheet, repeat this process as needed to provide sample volume for process duplicate or triplicate analyses.

7.7.1 1-D JAPANESE SLAB CAKE

7.7.1.1 Pour the entire sample into a line, using 20 or more passes along the line to distribute the sample. For samples where small analytical masses are required (e.g. metals, cyanide) a long thin line should be created.

7.7.1.2 Using a square scoop, cut across the line to create an aliquot. Combine as many of these aliquots as needed to create the analytical sample or mass reduction required. Repeat until all analytical aliquots have been created.

7.7.1.3 Place the aliquots into their respective containers, according to the ISM worksheet.

7.7.1.4 Place the remainder of the sample into the 1 gallon re-closeable plastic bag labeled A for storage.

7.7.2 2-D JAPANESE SLAB CAKE

7.7.2.1 Pour the entire sample into a cleaned aluminum tray and spread evenly. Use a pre-formed grid with 30 sections to divide the sample. Pull an equally sized aliquot of sample from each section of the grid and combine into the appropriate container for analysis. Be sure to scrape along the bottom of the tray in order to include a representative portion of all grain sizes present in the sample.

7.7.2.2 Pull an aliquot of sample from each section of the grid to ensure that the final sample size is close to the mass requested for analyses, typically 10-30 grams. Place the aliquots into their respective containers, according to the ISM worksheet.

7.7.2.3 Place the remainder of the sample into the 1 gallon re-closeable plastic bag labeled A for storage.

7.7.3 When subsampling is complete, roll the jar(s) for 1 minute to homogenize the sample. Initial and date the ISM worksheet.

7.8 DOCUMENTATION:

7.8.1 Create a batch in Element for the ISM test code, add the samples processed as a batch, and print out the bench sheet. Set sample status to Needs Review, attach the completed ISM worksheet and submit for review and scanning.

7.8.2 Return jars to Sample Receiving for completion of log in.

7.9 LOG IN

7.9.1 After samples are returned from ISM processing, analysis test codes can be added to the samples.

7.9.2 Be sure to add comments indicating the use for each jar in accordance with the ISM worksheet. Because one jar will be created per analysis, duplicate, and MS/MSD, there will be a large number of containers for some samples. The container comments should match the ISM worksheet, and the work order should be reviewed carefully by the person coordinating the ISM project.

7.10 ANALYSIS

Each aliquot for analysis has been pulled during sample processing and placed into a separate container. Use the ISM worksheet and the analysis comments to find which container is designated for your analysis. Be sure to use the entire amount of the aliquot provided, and rinse the container into the extraction vessel. Check the sample comments for sample specific instructions (e.g. MS/MSD, etc).

8 QUALITY CONTROL

8.1 FUNDAMENTAL ERROR

The steps in this procedure are designed to ensure that the fundamental error (FE) associated with the sample is below 15% in the final aliquot used for extraction and analysis. This FE measure has been determined to be the primary lab DQO.

Fundamental Error is calculated using the following equation:

$FE = \text{Square Root}((20 * d^3)/m)$

Where:
20 = sampling constant
d = maximum sample grain size (cm)
m = sample mass used for extraction and analysis (g)

For samples taken from the - #10 sieve fraction, d = 0.2, m = 10 and FE = 12.6%
d = 0.2, m = 20 and FE = 8.9%

For samples taken from the milled fraction, d = 0.0850, m = 1 and FE = 11.1 or
d = 0.0250, m = 1 and FE = 1.8%

8.2 CONVENTIONS

8.2.1 Samples will be reported on a dry weight basis. The reported dry weight result will reflect the moisture left in the sample after air drying.

8.3 QUALITY CONTROL SAMPLES

8.3.1 Blank: A blank using Ottawa sand is processed and analyzed along with samples tested for metals to verify that no contamination is being added by processing the samples. This will be done as requested for other classes of COCs.

8.3.1.1 The Ottawa sand will have to be tested before and after processing to compare levels of metals present, as no known clean matrices for metals exist.

8.3.2 Process Replicates: Whether process replicates will be analyzed should be determined by the client on a project basis. They may request that one or two replicates be performed per

project, per batch, or per sample.

8.3.2.1 Aliquots may be pulled and designated to be analyzed as batch duplicates in the same manner as sample aliquots. This should be specified on the ISM worksheet, as a separate container will have to be created for them.

8.3.3 Matrix Spikes: Apex will not evaluate spike samples through the entire ISM process unless requested. If required to do so by a client, the client should specify or provide a standard reference material suitable for ISM processing.

9 REFERENCES

9.1 Hawai'i Department of Health *Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan*, Section 4, November 12, 2008.

9.2 Alaska Department of Environmental Conservation Division of Spill Prevention and Response Contaminated Sites Program *Draft Guidance on Multi-Increment Soil Sampling,* March 2009.

9.3 EPA Method 8330B Appendix A Revision 2 October 2006.

9.4 Interstate Technology Regulatory Council *Technical and Regulatory Guidance: Incremental Sampling Methodology*, March 2011 (Draft)

Appendix A – Example ISM Request Form

Client:

Project:

Client Contact:

# of Decision Units:

# of Increments / Unit:

Notes:

Analysis: Note any that require subcontracting or small sample size (e.g. Metals)

Which ISM guidance document is being used for this project?

Alaska Hawaii EPA 8330A Appendix A ITRC Draft ISM Guidance

When will the Sampling and Analysis Plan be completed?
A copy must be provided to Apex before the project begins.

Project Specific Data Quality Objectives and procedures.
Apex follows the ITRC Draft guidance where possible. The following categories are procedural steps that are likely to have project specific goals. Our standard procedure is listed under the Apex heading, followed by specific requirements from the guidance documents. Each sampling event is unique, and modifications from our default procedure are expected. These differences should be noted.

Sample Storage:

Apex: Store refrigerated until air drying, room temperature thereafter.

Client request?

Air Drying:

Apex/ITRC: Air dry samples to help with sieving and grinding. Consider potential effects on volatile Contaminates of Concern (COCs) such as SVOCs and Mercury.

AK: Air dry only if necessary to sieve to < 2mm. May not be appropriate for Pesticides and PAHs.

HI: Air dry for all non-volatile analytes.

Client request?

Dry Weight:

Apex/ITRC: Samples are air dried, sieved, and then subsampled. That subsample is tested for most analysis and for dry weight. Results are reported on a dry weight basis, corrected to the air dried sample. If field percent moisture is requested, then a separate aliquot must be made prior to air drying.

HI: Air dried = dry weight, no further correction needed.

Client request?

Appendix A – Example ISM Request Form

Fundamental Error / Sample size:

Apex:	Our goal is to have less than 15% Fundamental Error at all steps. Our particle size and sample mass requirements are chosen to meet this goal for each analysis. We use at least 10 grams and generally ~20 for most tests, with a particle size smaller than 2 mm. We try to use at least 1 grams for Metals and other limited volume tests, with a particle size less than 250 µm.
AK:	Requires at least 30 grams of sample, particle size smaller than 2 mm.
HI:	At least 10 grams for most tests, particle size smaller than 2 mm. At least 1 gram for Metals and other limited volume tests, particle size less than 250 µm.
ITRC:	Somewhat contradictory. Generally, 10 grams for <2 mm fraction, 2 grams for < 0.25 mm.
Client request?	
Project Specific Fundamental Error (FE) goal?	

Laboratory Replicate Samples:

Apex:	Per client SAP.
ITRC:	Field and lab triplicates are recommended for most projects.
Client request?	

Blank:

Apex/ITRC:	We have a blank sand matrix go through all steps of the analysis to ensure that metals are not added by the ISM process. Other analysis can be performed on the blank at additional cost. Matrix spikes are performed on a batch basis, per analysis.

Matrix Spikes:

ITRC:	Suggests that processing standard reference materials may be appropriate for some projects and COCs.

Notes:

Appendix B – ISM Worksheet

Batch

Sample Log in

Each sample created by the ISM procedure will be logged in with the containers and comments specified below. If samples will be treated differently, multiple sections will need to be created.

Sample IDs:

	Container	Use/Analysis	Particle size	Weight Needed	Comments
Jar A	Plastic Bag	Composite	<2mm	NA	No analysis
Jar B	4 oz jar				
Jar C					
Jar D					
Jar E					
Jar F					
Jar G					

Air Dry

Sample ID	Analyst	# of Containers to Composite	Air Dry Start Time	Air Dry End Time	Comments (Note sticks, rocks, etc removed.)

#10 Sieve

Sample ID	Date	Analyst	Homogenized?	Comments

Appendix B – ISM Worksheet

Splitting or Subsampling

This section may be needed multiple times for each sample. Modify worksheet to include this section for each step.

Method Used: 1-D Japanese Slabcake | 2-D Japanese Slabcake | Alternate Shoveling | Fractional Shoveling | Cone and Quarter | Other:

Sample ID	Date	Analyst	Replicates?*	Weight Obtained**	Homogenized?	Comments

*Indicate use for Replicates (Dry Weight, Duplicate analysis, etc)

**Total weight minus tare. (8 oz jar tare weight is 215g, 4 oz jar tare weight is 130g)

Grinding

This section may be needed for only a portion of each sample. Ensure that the proper container is noted.

Method Used: Automated Mortar and Pestle | Manual Mortar and Pestle | Dish and Puck Mill

Sample ID	Jar	Date	Analyst	Sieve size	Homogenized?

Sieve Size Chart	
#10	2 mm
#20	850 µm
#40	425 µm
#60	250 µm
#100	150 µm
#140	106 µm
#200	75 µm

Comments:

APPENDIX D-2

LAKE RIVER SEDIMENT BASELINE MONITORING REPORT

LAKE RIVER SEDIMENT MONITORING REPORT

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

Prepared for
PORT OF RIDGEFIELD
July 1, 2015
Project No. 9003.01.40

MAUL FOSTER ALONGI

Prepared by
Maul Foster & Alongi, Inc.
400 East Mill Plain Blvd., Suite 400
Vancouver, WA 98660

LAKE RIVER SEDIMENT MONITORING REPORT
FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

The material and data in this plan were prepared under the supervision and direction of the undersigned.

MAUL FOSTER & ALONGI, INC.

Madi Novak
Principal Environmental Scientist

Phil Wiescher, PhD
Project Environmental Scientist

CONTENTS

TABLES AND ILLUSTRATIONS IV

ACRONYMS AND ABBREVIATIONS V

1 INTRODUCTION 1
1.1 BACKGROUND 1

2 SITE CONDITIONS 2

3 SAMPLE PROGRAM 2
3.1 INCREMENTAL SAMPLING METHODOLOGY DESIGN 2
3.2 SAMPLING METHODS 2
3.3 QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES 3
3.4 SAMPLE TRANSPORT 3
3.5 LABORATORY CHEMICAL SAMPLE PROCESSING AND ANALYSIS 4
3.6 DATA REDUCTION, VALIDATION, AND REPORTING 4

4 RESULTS 4

LIMITATIONS

REFERENCES

TABLES

FIGURES

APPENDIX A
PHOTO ARRAY

APPENDIX B
ANALYTICAL REPORTS

APPENDIX C
DATA VALIDATION MEMORANDUM

TABLES AND ILLUSTRATIONS

FOLLOWING REPORT:

TABLES

1 SEDIMENT SAMPLE SUMMARY

2 SEDIMENT SAMPLE RESULTS

FIGURES

1 SITE LOCATION

2 LAKE RIVER REMEDY AREA

3 SAMPLE LOCATIONS AND RESULTS

ACRONYMS AND ABBREVIATIONS

Apex	Apex Laboratories
bml	below mudline
CAP	cleanup action plan
cm	centimeter(s)
COC	chain of custody
CUL	cleanup level
dioxins	polychlorinated dibenzo-p-dioxins and furans
Ecology	Washington State Department of Ecology
ISM	incremental sampling methodology
MFA	Maul Foster & Alongi, Inc.
ng/kg	nanograms per kilogram
the Port	Port of Ridgefield
PSEP	Puget Sound Estuary Program
PWT	Pacific Wood Treating Co.
QA/QC	quality assurance and quality control
REL	remediation level
SAP	sampling and analysis plan
TEQ	toxicity equivalent
USEPA	U.S. Environmental Protection Agency

1 INTRODUCTION

On behalf of the Port of Ridgefield (the Port), Maul Foster & Alongi, Inc. (MFA) has prepared this report to summarize Lake River post-remedy sediment monitoring results. Lake River is located offshore of the former Pacific Wood Treating Co. (PWT) site in Ridgefield, Washington (see Figure 1). PWT operated a wood-treating facility from 1964 to 1993 at the Port's Lake River Industrial Site, now known as Miller's Landing.

On November 5, 2013, the Port entered into a Consent Decree with the State of Washington, requiring remedial action to address contamination at the former PWT site. The selected remedial action for the Lake River portion of the former PWT site consisted of mechanical dredging and placement of an enhanced natural recovery sand layer and is described in the cleanup action plan (CAP) (Washington State Department of Ecology [Ecology], 2013). The remedy includes monitoring in Year 0 (2015 baseline sampling) to assess the efficacy of the remedial action and quantify the reduction in concentrations relative to the cleanup level (CUL) (Ecology, 2013).

This report provides the results of the Year 0 baseline environmental monitoring for Lake River, including sample methodology and analysis, quality assurance protocols, and laboratory analytical results and interpretation. Sampling and reporting were conducted in accordance with the Ecology-approved sampling and analysis plan (SAP) (MFA, 2015). The SAP was developed to be generally consistent with current Puget Sound Estuary Program (PSEP) and U.S. Environmental Protection Agency (USEPA) protocols for sampling and analysis (PSEP, 1986, 1997a,b; USEPA, 1993) and standard USEPA methods based on USEPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (USEPA, 1986). Sampling activities were consistent with guidance provided in Ecology's Sediment Cleanup Users Manual II (Ecology, 2015).

1.1 Background

The CAP identifies a remediation level (REL) and a CUL for polychlorinated dibenzo-p-dioxins and furans (collectively referred to as dioxins) in Lake River sediments. These numeric criteria guided the remedial action substantively completed in 2015. Areas exceeding the REL (30 nanograms per kilogram [ng/kg] dioxin toxicity equivalent [TEQ]) were dredged and treated with a clean sand layer, whereas areas above the CUL (5 ng/kg dioxin TEQ), but below the REL, were treated with clean sand (see Figure 2). As specified in the CAP, the baseline monitoring described in this report assesses cleanup effectiveness, i.e., the reductions in dioxin TEQ concentrations relative to the CUL of 5 ng/kg dioxin TEQ. Monitoring efforts will be conducted in Years 2 (2017), 5 (2020), and 10 (2025) to quantify concentration trends over time (MFA, 2015).

2 SITE CONDITIONS

Lake River is a slow, flat slough of the Columbia River, hydraulically connected through a tide gate/flushing structure along the western shoreline of Vancouver Lake. Flow direction in Lake River reverses as a result of tidal influences from the Columbia River. Low water velocity, bathymetric analysis, and grain size distribution all indicate that Lake River comprises a predominantly depositional fluvial environment and that natural attenuation of sediment concentrations should be expected to occur over time (MFA, 2013b).

An approximately 1-foot-thick clean sand layer was placed over the entire remedy area as part of the sediment remedy. Subsurface sediment in Lake River varies. Generally, in the nearshore slope areas, the sediment is characterized as a fine sandy silt to a depth of approximately 5 feet below mudline (bml) that transitions to a fine to medium sand. Subsurface sediment in the channel areas of Lake River is generally very fine sandy silt from the length of the core up to 11 feet bml, with the exception of some fine to medium sand encountered in two cores in the Lake River channel area at approximately 6 to 7 feet bml (MFA, 2013a).

3 SAMPLE PROGRAM

The incremental sampling methodology (ISM) was used to characterize the average concentration of dioxins in sediments. ISM characterizes the average concentration of contaminants in a predefined area termed a decision unit. Samples (called increments) were collected from multiple locations in a decision unit under evaluation. The increments were combined into one sample (called an ISM sample) and analyzed to obtain a representative average contaminant concentration for the entire decision unit. Replicates were collected to define variability due to sampling error or spatial heterogeneity. ISM obtains data that are more representative of average concentrations than areawide concentrations derived from discrete or traditional composite samples (HDOH, 2009; ITRC, 2012).

3.1 Incremental Sampling Methodology Design

The sampling objective was to characterize the average concentration of dioxins in surface sediments in the remedy area. The decision unit sampled extends from the surface to 10 centimeters (cm) bml and is shown in Figure 3. Triplicate samples (ISM samples "A," "B," and "C") consisting of 30 increments each were collected to assess sample variability.

3.2 Sampling Methods

MFA conducted sediment sampling on June 20, 21, and 22, 2015. Figure 3 and Table 1 show and summarize sample stations, respectively. Sampling methods are described below.

Sediment increments were collected by a 1-inch-diameter, thin-walled, stainless steel sampling tube. The sampling tube was manually advanced to a depth greater than 10 cm. The sampling tube was withdrawn and the increment extruded, using a plunger, onto a clean work surface. The increment was measured and trimmed to 10 cm, and placed in the laboratory-supplied sampling container. If increment recovery was poor at certain locations, the increment was discarded and resampled within a few feet of the original location. Approximately 100 grams per increment, for a total of 3 kilograms per ISM sample, was collected to provide the overall mass required by the analytical laboratory.

A small vessel used a differential global positioning system to navigate to the locations shown on Figure 3. Locations were determined to an accuracy of ±3 meters. Horizontal coordinates were referenced to the Washington South State Plane HARN (NAD83). See Appendix A for photographs of sampling procedures and representative samples collected.

All equipment was decontaminated in accordance with the SAP. All sample containers were kept on ice before submittal, with chain-of-custody (COC) documentation, to the laboratory for analysis. Use of dedicated sampling equipment significantly reduced the amount of decontamination fluids generated. Nondisposable incremental sampling equipment was decontaminated only between replicates (i.e., not decontaminated between increments within the unit). Decontamination of nondisposable sampling equipment (i.e., hand augers, incremental sampling equipment) used disposable, single-use paper towels that were containerized, along with used personal protective equipment, and disposed of in a sanitary landfill.

3.3 Quality Assurance and Quality Control Samples

The following quality assurance and quality control (QA/QC) sampling was conducted.

An equipment rinsate blank collected from reusable equipment coming into direct contact with sediment samples (e.g., bowls and spoons) was submitted for analysis by the same methods used for the collected ISM samples.

Triplicate ISM samples were collected across the decision unit. To assess field variability, replicates were processed and analyzed consistent with the methods used for the primary sample.

3.4 Sample Transport

Samples for ISM processing and total organic carbon analysis were submitted to the Ecology-approved Apex Laboratories (Apex) of Tigard, Oregon. Following ISM processing, Apex submitted sample aliquots to the Ecology-approved Maxxam Laboratories of Mississauga, Ontario, for dioxin analysis. COC documentation was prepared at the time of sampling and was maintained throughout the sample handling and testing process; it is included in the laboratory analytical reports (see Appendix B).

3.5 Laboratory Chemical Sample Processing and Analysis

Prior to analysis, Apex processed the ISM samples, using SAP-identified ISM processing procedures. As part of the ISM processing, precise volumes (as identified in the SAP) of samples were collected as aliquots for each individual laboratory analysis and for QA/QC requirements. The following analyses of ISM aliquots by the methods indicated were conducted:

- Total organic carbon by PSEP/SM 5310B Modified
- Dioxins by USEPA Method 1613B

Laboratory QA/QC requirements were maintained through the use of standard USEPA methods, based on USEPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (USEPA, 1986).

3.6 Data Reduction, Validation, and Reporting

The laboratory data produced were independently reviewed by MFA for data quality (see Appendix C). Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2010, 2014) and appropriate laboratory and method-specific guidelines (Apex, 2013; Maxxam, 2013; USEPA, 1986), and are reported consistent with recent dioxin data treatment guidance (Ecology, 2015). ISM sample replicates and a rinsate blank were assessed as part of the data validation. Rinsate blank results are provided in Appendix C. Sample results were qualified appropriately to reflect any criteria not satisfied during the aforementioned assessments. All data are considered acceptable for use, with associated qualifiers. Consistent with Washington Administrative Code 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data will be submitted in both written and electronic formats.

4 RESULTS

Sediment sample results are provided in Table 2. All ISM dioxin TEQ concentrations are below the CUL of 5 ng/kg (also see Figure 3). Sample A (2.23 ng/kg) was slightly higher than Samples B and C (less than 1 ng/kg), and most dioxin congener results are at or near the estimated detection limits. Before the remedial action, dioxin TEQ concentrations in Lake River were as high as 910 ng/kg, and it was estimated that post-remedy concentrations would range up to 23 ng/kg (MFA, 2015) with an area-wide average concentration of approximately 4.4 ng/kg (MFA, 2013a). Based on the very low concentrations observed and an intensive sampling regime designed to obtain a representative average concentration for the remedy area, it is clear that a significant reduction due to dioxin mass removal and clean sand placement has been achieved. Sand placed is expected to continue to mix with the native underlying silt over time (i.e., via bioturbation or anthropogenic events), and upstream sediments will likely deposit in the remedy area. Some mixing due to remedy construction activities (e.g., barge drafting) likely has already occurred. Future monitoring events will assess whether and how these processes affect dioxin TEQ concentrations in the remedy area over time.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

Apex. 2013. Quality assurance manual. Apex Laboratories, LLC, Tigard, Oregon.

Ecology. 2013. Cleanup action plan, former Pacific Wood Treating Co. site. Washington State Department of Ecology. November 5.

Ecology. 2015. Sediment cleanup users manual II, guidance for implementing the cleanup provisions of the sediment management standards, Chapter 173-204 WAC. Publication No. 12-09-057. Washington State Department of Ecology. March.

HDOH. 2009. Interim final technical guidance manual for the implementation of the Hawai'i State Contingency Plan. Office of Hazard Evaluation and Emergency Response. Hawai'i Department of Health. November 12.

ITRC. 2012. Technical and regulatory guidance: incremental sampling methodology. The Interstate Technology & Regulatory Council Incremental Sampling Methodology Team. February.

Maxxam. 2013. Quality assurance manual. Maxxam Analytics International Corporation o/a Maxxam Analytics Inc., Mississauga, Ontario, Canada.

MFA. 2013a. Lake River Remedy Predesign Sampling Report. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. June 14.

MFA. 2013b. Former PWT site remedial investigation and feasibility study. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. July 1.

MFA. 2015. Lake River sediment monitoring sampling and analysis plan, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc. Vancouver, Washington. April 9.

PSEP. 1986. Recommended protocols for measuring conventional sediment variables in Puget Sound. Prepared for the U.S. Environmental Protection Agency, Region 10, Seattle, Washington. Puget Sound Estuary Program.

PSEP. 1997a. Recommended guidelines for measuring organic compounds in Puget Sound sediment and tissue samples. Prepared for the U.S. Environmental Protection Agency, Region 10, and the Puget Sound Water Quality Authority. Puget Sound Estuary Program.

PSEP. 1997b. Recommended guidelines for sampling marine sediment, water column, and tissue in Puget Sound. Prepared for the U.S. Environmental Protection Agency, Region 10, and the Puget Sound Water Quality Authority. Puget Sound Estuary Program.

USEPA. 1986. Test methods for the evaluation of solid waste: physical/chemical methods. 3rd ed. EPA SW-846. U.S. Environmental Protection Agency.

USEPA. 1993. Test methods for evaluating solid waste, physical/chemical methods. 3rd ed., update 4B. EPA SW-846. U.S. Environmental Protection Agency. August.

USEPA. 2010. USEPA contract laboratory program national functional guidelines for inorganic Superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

USEPA. 2014. R10 data validation and review guidelines for polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran data (PCDD/PCDF) using Method 1613B, and SW846 Method 8290A. EPA-910-R-14-003. U.S. Environmental Protection Agency, Office of Environmental Assessment. May.

TABLES

Table 1
Sediment Sample Coordinates
Former PWT Site
Ridgefield, Washington

ID	Group	X Coordinates	Y Coordinates	Date Collected	Comments
0	A	1066581.599	184464.1236	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
1	A	1066678.216	184464.1236	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
2	A	1066533.29	184547.7963	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
3	A	1066484.982	184631.469	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
4	A	1066436.674	184715.1417	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
5	A	1066533.29	184715.1417	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
6	A	1066388.365	184798.8145	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
7	A	1066484.982	184798.8145	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
8	A	1066436.674	184882.4872	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
9	A	1066388.365	184966.1599	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
10	A	1066340.057	185049.8326	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
11	A	1066291.748	185133.5054	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
12	A	1066243.44	185217.1781	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
13	A	1066195.131	185300.8508	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
14	A	1066146.823	185384.5235	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
15	A	1066098.514	185468.1962	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
16	A	1066050.206	185551.869	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
17	A	1066146.823	185551.869	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
18	A	1066001.897	185635.5417	04/20/2015	Dark brownish-gray sand with trace dark brown silt, fine to coarse, no debris.
19	A	1066098.514	185635.5417	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
20	A	1065953.589	185719.2144	04/20/2015	Dark brownish-gray sand with trace dark brown silt, fine to coarse, no debris.
21	A	1065905.28	185802.8871	04/20/2015	Dark brownish-gray sand with trace dark brown silt, fine to coarse, no debris.
22	A	1065856.972	185886.5599	04/20/2015	Dark brownish-gray sand with trace dark brown silt, fine to coarse, no debris.
23	A	1065953.589	185886.5599	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
24	A	1065808.663	185970.2326	04/20/2015	Dark brownish-gray sand with trace dark brown silt, fine to coarse, no debris.
25	A	1065905.28	185970.2326	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
26	A	1065856.972	186053.9053	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
27	A	1065808.663	186137.578	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
28	A	1065808.663	186304.9235	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.

Table 1
Sediment Sample Coordinates
Former PWT Site
Ridgefield, Washington

ID	Group	X Coordinates	Y Coordinates	Date Collected	Comments
29	A	1065856.972	186388.5962	04/20/2015	Dark brownish-gray sand, fine to coarse, no debris.
30	C	1066626.713	184448.3438	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
31	C	1066481.788	184532.0165	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
32	C	1066578.405	184532.0165	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
33	C	1066530.096	184615.6893	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
34	C	1066481.788	184699.362	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
35	C	1066433.479	184783.0347	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
36	C	1066385.171	184866.7074	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
37	C	1066481.788	184866.7074	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
38	C	1066336.862	184950.3802	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
39	C	1066433.479	184950.3802	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
40	C	1066385.171	185034.0529	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
41	C	1066336.862	185117.7256	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
42	C	1066288.554	185201.3983	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
43	C	1066240.245	185285.0711	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
44	C	1066191.937	185368.7438	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
45	C	1066047.012	185452.4165	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
46	C	1066143.628	185452.4165	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
47	C	1065998.703	185536.0892	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
48	C	1066095.32	185536.0892	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
49	C	1066047.012	185619.762	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
50	C	1065998.703	185703.4347	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
51	C	1065950.395	185787.1074	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
52	C	1065902.086	185870.7801	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
53	C	1065853.778	185954.4528	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
54	C	1065805.469	186038.1256	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
55	C	1065902.086	186038.1256	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
56	C	1065853.778	186121.7983	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
57	C	1065805.469	186205.471	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.

Table 1
Sediment Sample Coordinates
Former PWT Site
Ridgefield, Washington

ID	Group	X Coordinates	Y Coordinates	Date Collected	Comments
58	C	1065853.778	186289.1437	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
59	C	1065805.469	186372.8165	04/22/2015	Dark brownish-gray sand, fine to coarse, no debris.
60	B	1066528.528	184496.9058	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
61	B	1066625.145	184496.9058	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
62	B	1066480.219	184580.5785	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
63	B	1066528.528	184664.2512	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
64	B	1066480.219	184747.9239	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
65	B	1066431.911	184831.5967	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
66	B	1066383.602	184915.2694	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
67	B	1066335.294	184998.9421	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
68	B	1066286.985	185082.6148	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
69	B	1066238.677	185166.2876	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
70	B	1066190.368	185249.9603	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
71	B	1066286.985	185249.9603	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
72	B	1066142.06	185333.633	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
73	B	1066238.677	185333.633	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
74	B	1066093.751	185417.3057	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
75	B	1066190.368	185417.3057	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
76	B	1066045.443	185500.9784	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
77	B	1066142.06	185500.9784	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
78	B	1066093.751	185584.6512	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
79	B	1066045.443	185668.3239	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
80	B	1065997.134	185751.9966	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
81	B	1065948.826	185835.6693	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
82	B	1065900.518	185919.3421	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
83	B	1065852.209	186003.0148	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
84	B	1065803.901	186086.6875	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
85	B	1065900.518	186086.6875	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
86	B	1065852.209	186170.3602	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.

Table 1
Sediment Sample Coordinates
Former PWT Site
Ridgefield, Washington

ID	Group	X Coordinates	Y Coordinates	Date Collected	Comments
87	B	1065803.901	186254.033	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
88	B	1065852.209	186337.7057	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.
89	B	1066670.258	184431.4603	04/21/2015	Dark brownish-gray sand, fine to coarse, no debris.

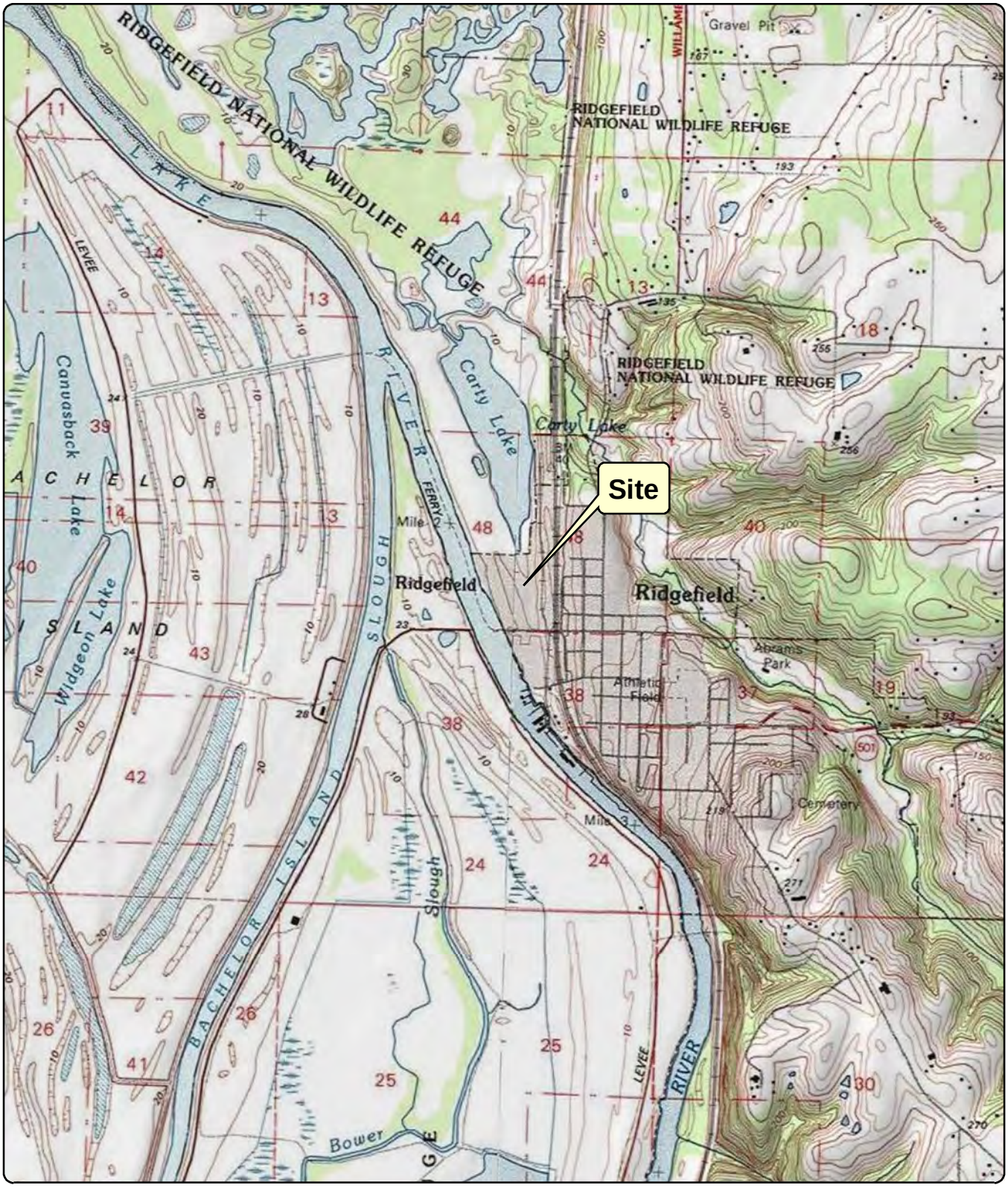
Table 2
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

	Location	ISM Sample A	ISM Sample B	ISM Sample C
	Sample ID	ISM-A-150240	ISM-B-150421	ISM-C-150422
	Date Collected	04/20/2015	04/21/2015	04/22/2015
	Sample Type	ISM	ISM	ISM
	Start Depth (cm bml)	0	0	0
	End Depth (cm bml)	10	10	10
	Cleanup Level			
Dioxins and Furans (ng/kg)				
1,2,3,4,6,7,8-HpCDD	--	30.3	9.9	6.23
1,2,3,4,6,7,8-HpCDF	--	4.03	1.65	0.969 U
1,2,3,4,7,8,9-HpCDF	--	0.806 J	0.276 J	0.291 J
1,2,3,4,7,8-HxCDD	--	0.77 J	0.216 J	0.282 J
1,2,3,4,7,8-HxCDF	--	1.15	0.278 U	0.345 J
1,2,3,6,7,8-HxCDD	--	2.08	0.546 J	0.527 J
1,2,3,6,7,8-HxCDF	--	0.884 J	0.251 J	0.267 J
1,2,3,7,8,9-HxCDD	--	1.2	0.316 J	0.331 J
1,2,3,7,8,9-HxCDF	--	0.675 J	0.238 UJ	0.233 J
1,2,3,7,8-PeCDD	--	0.607 J	0.281 U	0.208 J
1,2,3,7,8-PeCDF	--	0.666 J	0.229 U	0.255 J
2,3,4,6,7,8-HxCDF	--	0.76 J	0.21 UJ	0.2 J
2,3,4,7,8-PeCDF	--	0.585 J	0.222 U	0.241 J
2,3,7,8-TCDD	--	0.218 J	0.117 U	0.166 U
2,3,7,8-TCDF	--	0.216 J	0.169 U	0.143 U
OCDD	--	264	76	53.1
OCDF	--	7.36	2.11	1.81 J
Total HpCDDs	--	54.3	18.1	11.9
Total HpCDFs	--	11.3	4.48	1.84
Total HxCDDs	--	7.75	2.29	2.05
Total HxCDFs	--	9.57	2.54	2.44
Total PeCDDs	--	0.607 J	0.281 U	0.208 J
Total PeCDFs	--	1.74	0.225 U	0.668 J
Total TCDDs	--	0.218	0.117 U	0.166 U
Total TCDFs	--	0.216	0.169 U	0.143 U
Total TEQ Mammals (U=1/2 EDL)	5	2.23	0.555	0.683
Conventionals (mg/kg)				
Total Organic Carbon	--	1200	740	660

Table 2
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

NOTES:
-- = no value.
cm bml = centimeters below mudline.
EDL = estimated detection limit.
ISM = incremental sampling methodology.
J = Associated result is an estimated quantity.
mg/kg = milligrams per kilogram.
ng/kg = nanograms per kilogram.
PWT = Pacific Wood Treating Co.
TEQ = toxicity equivalent quotient.
U = Associated result is less than listed detection limit.

FIGURES



Source: Topographic Quadrangle obtained from ArcGIS Online Services/NGS-USGS TOPO! US Geological Survey (1999)
7.5-minute topographic quadrangle: Ridgefield
Address: Lake River Industrial Site
111 W. Division Street, Ridgefield, WA 98642
Section: 24 Township: 4N Range: 1W Of Willamette Meridian

PWT = Pacific Wood Treating Company

Figure 1
Site Location

Former PWT Site
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 360 694 2691 | www.maulfoster.com

0 1,000 2,000
Feet

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig1_Site Location.mxd
Approved By: P. Wiescher Print Date: 6/29/2015
Produced By: R. Callihan
Project: 9003.01.40

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

Notes:
1. PWT = Pacific Wood Treating Co.
2. ENR = Enhanced Natural Recovery.
3. Dredge depths denote neatline.
4. Dredged areas will also receive 1 foot of ENR treatment.
5. Analysis extent has been clipped to the bank-sediment interface. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Legend

- Historical Outfall
- Surface Sediment Sample
- Fish Mix

Remedial Action Areas

ENR Only | 1-ft Dredge | 2-ft Dredge | 3-ft Dredge

0 100 200
Feet

Figure 2
Lake River Remedy Area

Former PWT Site
Ridgefield, Washington

Path: X:\9003.01 Port of Ridgefield\04\Projects\06\Lake River SAP\Fig3_Sample Results.mxd

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

Notes:
1. PWT = Pacifc Wood Treating Co.
2. ISM = incremental sampling methodology.
3. Bankward sample locations extent was clipped to the extent of fish mix plus 5 feet riverward.
4. ng/kg = nanograms per kilogram
5. TEQ = toxicity equivalent

Total Dioxin TEQ	
Cleanup Level = 5 ng/kg	
ISM Sample A	2.23 ng/kg
ISM Sample B	0.555 ng/kg
ISM Sample C	0.683 ng/kg

Legend

- ISM Sample Location (A)
- ISM Sample Location (B)
- ISM Sample Location (C)
- ISM Sample Boundary
- Fish Mix

Figure 3
Sample Locations and Results

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40/06 Produced By: rcallihan Approved By: mnovak Print Date: 6/18/2015

APPENDIX A

PHOTO ARRAY

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 1
Lake River looking north. April 20, 2015.

Photo No. 2
Sediment coring ISM sample A. April 20, 2015.

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 3
Representative core from ISM sample B (1-inch-diameter). April 21, 2015. Top of mudline on right side of sample.

Photo No. 4
Representative core from ISM sample C (1-inch-diameter). April 22, 2015. Top of mudline on left side of sample.

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 5
Decision-unit-dedicated
1-gallon sampling jar.
April 22, 2015.

APPENDIX B

ANALYTICAL REPORTS

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Wednesday, May 13, 2015

Madi Novak
Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

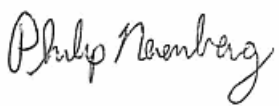
RE: Lake River-Sediment / 9003.01.40

Enclosed are the results of analyses for work order A5D0682, which was received by the laboratory on 4/22/2015 at 3:10:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories



Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ISM-A-150420-As Received	A5D0682-01	Sediment	04/20/15 16:00	04/22/15 15:10
ISM-A-150420-After ISM	A5D0682-02	Sediment	04/20/15 16:00	04/22/15 15:10
ISM-B-150421-As Received	A5D0682-03	Sediment	04/21/15 12:00	04/22/15 15:10
ISM-B-150421-After ISM	A5D0682-04	Sediment	04/21/15 12:00	04/22/15 15:10
ISM-C-150422-As Received	A5D0682-05	Sediment	04/22/15 12:20	04/22/15 15:10
ISM-C-150422-After ISM	A5D0682-06	Sediment	04/22/15 12:20	04/22/15 15:10

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

ANALYTICAL SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
ISM-A-150420-After ISM (A5D0682-02)			**Matrix: Sediment**					
Batch: 5040846								
Total Organic Carbon	**1200**	---	200	mg/kg	1	05/04/15 17:15	PSEP/SM 5310B MOD	
ISM-B-150421-After ISM (A5D0682-04)			**Matrix: Sediment**					
Batch: 5040846								
Total Organic Carbon	**740**	---	200	mg/kg	1	05/04/15 17:15	PSEP/SM 5310B MOD	
ISM-C-150422-After ISM (A5D0682-06)			**Matrix: Sediment**					
Batch: 5040846								
Total Organic Carbon	**660**	---	200	mg/kg	1	05/04/15 17:15	PSEP/SM 5310B MOD	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
ISM-A-150420-As Received (A5D0682-01)			**Matrix: Sediment**		**Batch: 5040681**			
% Solids	**75.9**	---	1.00	% by Weight	1	04/27/15 09:44	EPA 8000C	Q-38
ISM-A-150420-After ISM (A5D0682-02)			**Matrix: Sediment**		**Batch: 5040757**			
% Solids	**99.5**	---	1.00	% by Weight	1	04/29/15 08:58	EPA 8000C	
ISM-B-150421-As Received (A5D0682-03)			**Matrix: Sediment**		**Batch: 5040681**			
% Solids	**76.5**	---	1.00	% by Weight	1	04/27/15 09:44	EPA 8000C	Q-38
ISM-B-150421-After ISM (A5D0682-04)			**Matrix: Sediment**		**Batch: 5040757**			
% Solids	**99.5**	---	1.00	% by Weight	1	04/29/15 08:58	EPA 8000C	
ISM-C-150422-As Received (A5D0682-05)			**Matrix: Sediment**		**Batch: 5040681**			
% Solids	**77.0**	---	1.00	% by Weight	1	04/27/15 09:44	EPA 8000C	Q-38
ISM-C-150422-After ISM (A5D0682-06)			**Matrix: Sediment**		**Batch: 5040757**			
% Solids	**99.6**	---	1.00	% by Weight	1	04/29/15 08:58	EPA 8000C	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

QUALITY CONTROL (QC) SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040846 - PSEP TOC							Soil					
Blank (5040846-BLK1)					Prepared: 04/30/15 11:24		Analyzed: 05/04/15 17:15					
PSEP/SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg	1	---	---	---	---	---	---	
LCS (5040846-BS1)					Prepared: 04/30/15 11:24		Analyzed: 05/04/15 17:15					
PSEP/SM 5310B MOD												
Total Organic Carbon	8900	---		mg/kg	1	10000	---	89	85-115%	---	---	
Duplicate (5040846-DUP1)					Prepared: 04/30/15 11:24		Analyzed: 05/04/15 17:15					
QC Source Sample: ISM-A-150420-After ISM (A5D0682-02)												
PSEP/SM 5310B MOD												
Total Organic Carbon	**1200**	---	200	mg/kg	1	---	1200	---	---	4	20%	
Duplicate (5040846-DUP2)					Prepared: 04/30/15 11:24		Analyzed: 05/04/15 17:15					
QC Source Sample: Other (A5D0719-02)												
PSEP/SM 5310B MOD												
Total Organic Carbon	**34000**	---	200	mg/kg	1	---	32000	---	---	7	20%	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040681 - Total Solids (Dry Weight)							**Soil**					
Duplicate (5040681-DUP1)					Prepared: 04/24/15 13:17		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0651-01)												
EPA 8000C												
% Solids	**77.9**	---	1.00	% by Weight	1	---	75.7	---	---	3	20%	Q-38
Duplicate (5040681-DUP2)					Prepared: 04/24/15 13:17		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0694-03)												
EPA 8000C												
% Solids	**92.3**	---	1.00	% by Weight	1	---	90.9	---	---	2	20%	Q-38
Duplicate (5040681-DUP3)					Prepared: 04/24/15 13:17		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0694-12)												
EPA 8000C												
% Solids	**94.7**	---	1.00	% by Weight	1	---	94.8	---	---	0.1	20%	Q-38
Duplicate (5040681-DUP4)					Prepared: 04/24/15 13:17		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0694-23)												
EPA 8000C												
% Solids	**86.1**	---	1.00	% by Weight	1	---	87.6	---	---	2	20%	Q-38
Duplicate (5040681-DUP5)					Prepared: 04/24/15 13:17		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0706-05)												
EPA 8000C												
% Solids	**81.0**	---	1.00	% by Weight	1	---	80.6	---	---	0.5	20%	Q-38
Duplicate (5040681-DUP6)					Prepared: 04/24/15 13:18		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0715-06)												
EPA 8000C												
% Solids	**89.0**	---	1.00	% by Weight	1	---	86.6	---	---	3	20%	Q-38
Duplicate (5040681-DUP7)					Prepared: 04/24/15 17:28		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0724-01)												
EPA 8000C												
% Solids	**77.0**	---	1.00	% by Weight	1	---	77.2	---	---	0.3	20%	Q-38
Duplicate (5040681-DUP8)					Prepared: 04/24/15 17:28		Analyzed: 04/27/15 09:44					

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040681 - Total Solids (Dry Weight)							Soil					
Duplicate (5040681-DUP8)					Prepared: 04/24/15 17:28		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0733-05)												
EPA 8000C												
% Solids	**78.9**	---	1.00	% by Weight	1	---	81.4	---	---	3	20%	Q-38
Duplicate (5040681-DUP9)					Prepared: 04/24/15 19:55		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0742-01)												
EPA 8000C												
% Solids	**76.0**	---	1.00	% by Weight	1	---	75.6	---	---	0.5	20%	Q-38
Duplicate (5040681-DUPA)					Prepared: 04/24/15 19:55		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0751-01)												
EPA 8000C												
% Solids	**90.7**	---	1.00	% by Weight	1	---	89.2	---	---	2	20%	Q-38
Duplicate (5040681-DUPB)					Prepared: 04/24/15 19:55		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0753-01)												
EPA 8000C												
% Solids	**87.3**	---	1.00	% by Weight	1	---	88.0	---	---	0.8	20%	Q-38
Duplicate (5040681-DUPC)					Prepared: 04/24/15 19:55		Analyzed: 04/27/15 09:44					
QC Source Sample: Other (A5D0758-01)												
EPA 8000C												
% Solids	**73.6**	---	1.00	% by Weight	1	---	74.1	---	---	0.7	20%	Q-38
Batch 5040757 - Total Solids (Dry Weight)							Soil					
Duplicate (5040757-DUP1)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0481-27)												
EPA 8000C												
% Solids	**92.3**	---	1.00	% by Weight	1	---	92.3	---	---	0	20%	
Duplicate (5040757-DUP2)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0713-01)												
EPA 8000C												

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040757 - Total Solids (Dry Weight)							**Soil**					
Duplicate (5040757-DUP2)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0713-01)												
% Solids	**46.5**	---	1.00	% by Weight	1	---	48.2	---	---	4	20%	
Duplicate (5040757-DUP3)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0731-05)												
EPA 8000C												
% Solids	**79.7**	---	1.00	% by Weight	1	---	80.5	---	---	1	20%	
Duplicate (5040757-DUP4)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0731-15)												
EPA 8000C												
% Solids	**93.2**	---	1.00	% by Weight	1	---	92.6	---	---	0.6	20%	
Duplicate (5040757-DUP5)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0772-09)												
EPA 8000C												
% Solids	**94.2**	---	1.00	% by Weight	1	---	94.2	---	---	0	20%	
Duplicate (5040757-DUP6)					Prepared: 04/28/15 11:24		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0777-05)												
EPA 8000C												
% Solids	**92.5**	---	1.00	% by Weight	1	---	91.8	---	---	0.8	20%	
Duplicate (5040757-DUP7)					Prepared: 04/28/15 11:26		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0800-06)												
EPA 8000C												
% Solids	**77.5**	---	1.00	% by Weight	1	---	76.5	---	---	1	20%	
Duplicate (5040757-DUP8)					Prepared: 04/28/15 11:26		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0813-02)												
EPA 8000C												
% Solids	**89.0**	---	1.00	% by Weight	1	---	89.8	---	---	0.9	20%	
Duplicate (5040757-DUP9)					Prepared: 04/28/15 11:30		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0819-02)												

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040757 - Total Solids (Dry Weight)							**Soil**					
Duplicate (5040757-DUP9)					Prepared: 04/28/15 11:30		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0819-02)												
EPA 8000C												
% Solids	**93.3**	---	1.00	% by Weight	1	---	92.7	---	---	0.6	20%	
Duplicate (5040757-DUPA)					Prepared: 04/28/15 15:57		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0833-02)												
EPA 8000C												
% Solids	**87.1**	---	1.00	% by Weight	1	---	87.3	---	---	0.2	20%	
Duplicate (5040757-DUPB)					Prepared: 04/28/15 16:48		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0842-02)												
EPA 8000C												
% Solids	**78.3**	---	1.00	% by Weight	1	---	78.4	---	---	0.1	20%	
Duplicate (5040757-DUPC)					Prepared: 04/28/15 19:25		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0845-03)												
EPA 8000C												
% Solids	**80.6**	---	1.00	% by Weight	1	---	80.2	---	---	0.5	20%	
Duplicate (5040757-DUPD)					Prepared: 04/28/15 19:25		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0845-11)												
EPA 8000C												
% Solids	**80.5**	---	1.00	% by Weight	1	---	81.9	---	---	2	20%	
Duplicate (5040757-DUPE)					Prepared: 04/28/15 19:25		Analyzed: 04/29/15 08:58					
QC Source Sample: Other (A5D0850-02)												
EPA 8000C												
% Solids	**89.0**	---	1.00	% by Weight	1	---	89.0	---	---	0	20%	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

SAMPLE PREPARATION INFORMATION

Conventional Chemistry Parameters

Prep: PSEP TOC

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 5040846							
A5D0682-02	Sediment	PSEP/SM 5310B MOD	04/20/15 16:00	04/30/15 11:24	5g/5g	5g/5g	NA
A5D0682-04	Sediment	PSEP/SM 5310B MOD	04/21/15 12:00	04/30/15 11:24	5g/5g	5g/5g	NA
A5D0682-06	Sediment	PSEP/SM 5310B MOD	04/22/15 12:20	04/30/15 11:24	5g/5g	5g/5g	NA

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 5040681							
A5D0682-01	Sediment	EPA 8000C	04/20/15 16:00	04/24/15 13:17	1N/A/1N/A	1N/A/1N/A	NA
A5D0682-03	Sediment	EPA 8000C	04/21/15 12:00	04/24/15 13:17	1N/A/1N/A	1N/A/1N/A	NA
A5D0682-05	Sediment	EPA 8000C	04/22/15 12:20	04/24/15 13:17	1N/A/1N/A	1N/A/1N/A	NA
Batch: 5040757							
A5D0682-02	Sediment	EPA 8000C	04/20/15 16:00	04/28/15 11:26	1N/A/1N/A	1N/A/1N/A	NA
A5D0682-04	Sediment	EPA 8000C	04/21/15 12:00	04/28/15 11:26	1N/A/1N/A	1N/A/1N/A	NA
A5D0682-06	Sediment	EPA 8000C	04/22/15 12:20	04/28/15 11:26	1N/A/1N/A	1N/A/1N/A	NA

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20

Notes and Definitions

Qualifiers:

Q-38	Oven outside of control limits during drying step.

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry'designation are not dry weight corrected.
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
Blank Policy	Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses. For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor. Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.
---	QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
***	Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

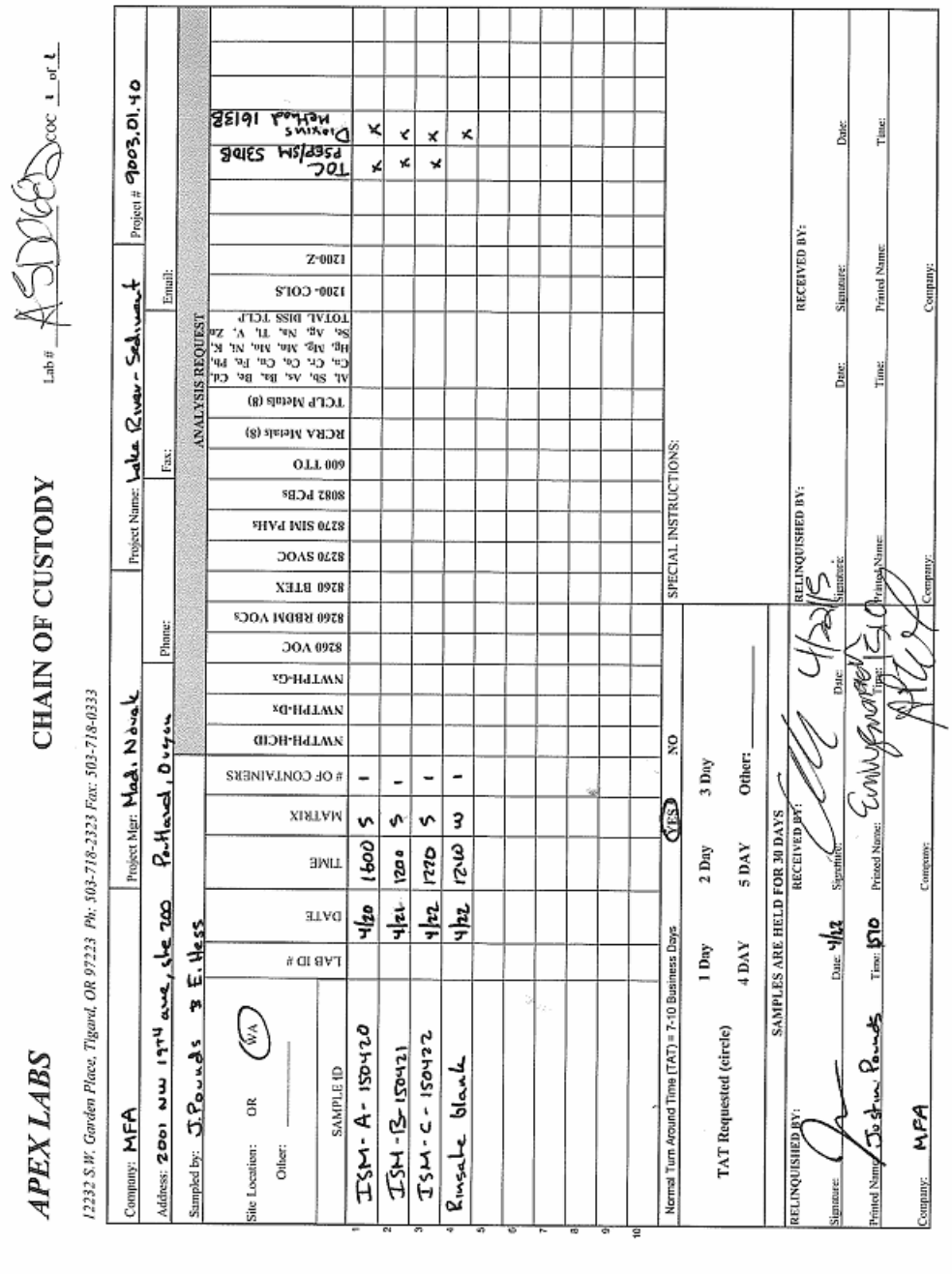
Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
2001 NW 19th Ave, STE 200	Project Number: 9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Madi Novak	05/13/15 15:20



Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Maxxam
A Bureau Veritas Group Company

Success Through Science®

Your Project #: A5D0682
Your C.O.C. #: NA

Attention:Philip Nerenberg

Apex Laboratories
12232 SW Garden Place
Tigard, OR
USA 97223

Report Date: 2015/05/12
Report #: R3425607
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B577839
Received: 2015/04/29, 13:40

Sample Matrix: Soil
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Dioxins/Furans in Soil (1613B) (1)	3	2015/05/03	2015/05/07	BRL SOP-00410	EPA 1613B m
Moisture	3	N/A	2015/05/01	CAM SOP-00445	Carter 2nd ed 51.2 m

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Dioxins/Furans in Water (1613B) (2)	1	2015/05/04	2015/05/05	BRL SOP-00410	EPA 1613B m

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) Soils are reported on a dry weight basis unless otherwise specified.

Confirmatory runs for 2,3,7,8-TCDF are performed only if the primary result is greater than the RDL.
(2) Confirmatory runs for 2,3,7,8-TCDF are performed only if the primary result is greater than the RDL.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Melissa DiGrazia, Project Manager - ATUT
Email: MDiGrazia@maxxam.ca
Phone# (905) 817-5700

==========

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

RESULTS OF ANALYSES OF SOIL

Maxxam ID		AEP635	AEP636	AEP637			
Sampling Date		2015/04/20 16:00	2015/04/21 12:00	2015/04/22 12:20			
COC Number		NA	NA	NA			
	Units	**ISM-A-150420-AFTER ISM**	**ISM-B-150421-AFTER ISM**	**ISM-C-150422-AFTER ISM**	**RDL**	**MDL**	**QC Batch**
Moisture	%	<1.0	2.3	1.3	1.0	0.040	4005942

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP635							
Sampling Date		2015/04/20 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-A-150420-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2,3,7,8-Tetra CDD *	pg/g	0.218	0.107	0.195	0.400	1.00	0.218		4010827
1,2,3,7,8-Penta CDD *	pg/g	0.607	0.205	0.974	0.400	1.00	0.607		4010827
1,2,3,4,7,8-Hexa CDD *	pg/g	0.770	0.130	0.974	0.400	0.100	0.0770		4010827
1,2,3,6,7,8-Hexa CDD *	pg/g	2.08	0.143	0.974	0.400	0.100	0.208		4010827
1,2,3,7,8,9-Hexa CDD *	pg/g	1.20	0.135	0.974	0.400	0.100	0.120		4010827
1,2,3,4,6,7,8-Hepta CDD *	pg/g	30.3	0.174	0.974	0.400	0.0100	0.303		4010827
Octa CDD *	pg/g	264	0.122	1.95	0.800	0.000300	0.0792		4010827
Total Tetra CDD *	pg/g	0.218	0.107	0.195	0.400			1	4010827
Total Penta CDD *	pg/g	0.607	0.205	0.974	0.400			1	4010827
Total Hexa CDD *	pg/g	7.75	0.138	0.974	0.400			6	4010827
Total Hepta CDD *	pg/g	54.3	0.174	0.974	0.400			2	4010827
2,3,7,8-Tetra CDF **	pg/g	0.216	0.141	0.195	0.400	0.100	0.0216		4010827
1,2,3,7,8-Penta CDF **	pg/g	0.666	0.122	0.974	0.400	0.0300	0.0200		4010827
2,3,4,7,8-Penta CDF **	pg/g	0.585	0.118	0.974	0.400	0.300	0.176		4010827
1,2,3,4,7,8-Hexa CDF **	pg/g	1.15	0.0997	0.974	0.400	0.100	0.115		4010827
1,2,3,6,7,8-Hexa CDF **	pg/g	0.884	0.104	0.974	0.400	0.100	0.0884		4010827
2,3,4,6,7,8-Hexa CDF **	pg/g	0.760	0.0952	0.974	0.400	0.100	0.0760		4010827
1,2,3,7,8,9-Hexa CDF **	pg/g	0.675	0.108	0.974	0.400	0.100	0.0675		4010827
1,2,3,4,6,7,8-Hepta CDF **	pg/g	4.03	0.138	0.974	0.400	0.0100	0.0403		4010827
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.806	0.144	0.974	0.400	0.0100	0.00806		4010827
Octa CDF **	pg/g	7.36	0.111	1.95	0.800	0.000300	0.00221		4010827
Total Tetra CDF **	pg/g	0.216	0.141	0.195	0.400			1	4010827
Total Penta CDF **	pg/g	1.74	0.120	0.974	0.400			3	4010827
Total Hexa CDF **	pg/g	9.57	0.101	0.974	0.400			9	4010827
Total Hepta CDF **	pg/g	11.3	0.141	0.974	0.400			3	4010827
TOTAL TOXIC EQUIVALENCY	pg/g						2.23		
Surrogate Recovery (%)									
37CL4 2378 Tetra CDD *	%	74							4010827
C13-1234678 HeptaCDD *	%	59							4010827
C13-1234678 HeptaCDF **	%	60							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP635							
Sampling Date		2015/04/20 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-A-150420-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-123478 HexaCDD *	%	61							4010827
C13-123478 HexaCDF **	%	65							4010827
C13-1234789 HeptaCDF **	%	63							4010827
C13-123678 HexaCDD *	%	60							4010827
C13-123678 HexaCDF **	%	65							4010827
C13-12378 PentaCDD *	%	67							4010827
C13-12378 PentaCDF **	%	66							4010827
C13-123789 HexaCDF **	%	68							4010827
C13-234678 HexaCDF **	%	56							4010827
C13-23478 PentaCDF **	%	73							4010827
C13-2378 TetraCDD *	%	51							4010827
C13-2378 TetraCDF **	%	55							4010827
C13-OCDD *	%	60							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP636							
Sampling Date		2015/04/21 12:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-B-150421-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2,3,7,8-Tetra CDD *	pg/g	<0.117	0.117	0.193	0.400	1.00	0.117		4010827
1,2,3,7,8-Penta CDD *	pg/g	<0.281	0.281	0.963	0.400	1.00	0.281		4010827
1,2,3,4,7,8-Hexa CDD *	pg/g	0.216	0.171	0.963	0.400	0.100	0.0216		4010827
1,2,3,6,7,8-Hexa CDD *	pg/g	0.546	0.188	0.963	0.400	0.100	0.0546		4010827
1,2,3,7,8,9-Hexa CDD *	pg/g	0.316	0.178	0.963	0.400	0.100	0.0316		4010827
1,2,3,4,6,7,8-Hepta CDD *	pg/g	9.90	0.326	0.963	0.400	0.0100	0.0990		4010827
Octa CDD *	pg/g	76.0	0.472	1.93	0.800	0.000300	0.0228		4010827
Total Tetra CDD *	pg/g	<0.117	0.117	0.193	0.400				4010827
Total Penta CDD *	pg/g	<0.281	0.281	0.963	0.400				4010827
Total Hexa CDD *	pg/g	2.29	0.181	0.963	0.400			5	4010827
Total Hepta CDD *	pg/g	18.1	0.326	0.963	0.400			2	4010827
2,3,7,8-Tetra CDF **	pg/g	<0.169	0.169	0.193	0.400	0.100	0.0169		4010827
1,2,3,7,8-Penta CDF **	pg/g	<0.229	0.229	0.963	0.400	0.0300	0.00687		4010827
2,3,4,7,8-Penta CDF **	pg/g	<0.222	0.222	0.963	0.400	0.300	0.0666		4010827
1,2,3,4,7,8-Hexa CDF **	pg/g	<0.278 (1)	0.278	0.963	0.400	0.100	0.0278		4010827
1,2,3,6,7,8-Hexa CDF **	pg/g	0.251	0.229	0.963	0.400	0.100	0.0251		4010827
2,3,4,6,7,8-Hexa CDF **	pg/g	<0.210	0.210	0.963	0.400	0.100	0.0210		4010827
1,2,3,7,8,9-Hexa CDF **	pg/g	<0.238	0.238	0.963	0.400	0.100	0.0238		4010827
1,2,3,4,6,7,8-Hepta CDF **	pg/g	1.65	0.150	0.963	0.400	0.0100	0.0165		4010827
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.276	0.156	0.963	0.400	0.0100	0.00276		4010827
Octa CDF **	pg/g	2.11	0.393	1.93	0.800	0.000300	0.000633		4010827
Total Tetra CDF **	pg/g	<0.169	0.169	0.193	0.400				4010827
Total Penta CDF **	pg/g	<0.225	0.225	0.963	0.400				4010827
Total Hexa CDF **	pg/g	2.54	0.224	0.963	0.400			4	4010827
Total Hepta CDF **	pg/g	4.48	0.153	0.963	0.400			3	4010827
TOTAL TOXIC EQUIVALENCY	pg/g						0.836		
Surrogate Recovery (%)									
37CL4 2378 Tetra CDD *	%	64							4010827
C13-1234678 HeptaCDD *	%	52							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP636							
Sampling Date		2015/04/21 12:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-B-150421-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	57							4010827
C13-123478 HexaCDD *	%	62							4010827
C13-123478 HexaCDF **	%	68							4010827
C13-1234789 HeptaCDF **	%	52							4010827
C13-123678 HexaCDD *	%	61							4010827
C13-123678 HexaCDF **	%	68							4010827
C13-12378 PentaCDD *	%	52							4010827
C13-12378 PentaCDF **	%	57							4010827
C13-123789 HexaCDF **	%	63							4010827
C13-234678 HexaCDF **	%	47							4010827
C13-23478 PentaCDF **	%	50							4010827
C13-2378 TetraCDD *	%	48							4010827
C13-2378 TetraCDF **	%	46							4010827
C13-OCDD *	%	44							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP637							
Sampling Date		2015/04/22 12:20							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-C-150422-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2,3,7,8-Tetra CDD *	pg/g	<0.166	0.166	0.199	0.400	1.00	0.166		4010827
1,2,3,7,8-Penta CDD *	pg/g	0.208	0.111	0.996	0.400	1.00	0.208		4010827
1,2,3,4,7,8-Hexa CDD *	pg/g	0.282	0.121	0.996	0.400	0.100	0.0282		4010827
1,2,3,6,7,8-Hexa CDD *	pg/g	0.527	0.133	0.996	0.400	0.100	0.0527		4010827
1,2,3,7,8,9-Hexa CDD *	pg/g	0.331	0.125	0.996	0.400	0.100	0.0331		4010827
1,2,3,4,6,7,8-Hepta CDD *	pg/g	6.23	0.115	0.996	0.400	0.0100	0.0623		4010827
Octa CDD *	pg/g	53.1	0.118	1.99	0.800	0.000300	0.0159		4010827
Total Tetra CDD *	pg/g	<0.166	0.166	0.199	0.400				4010827
Total Penta CDD *	pg/g	0.208	0.111	0.996	0.400			1	4010827
Total Hexa CDD *	pg/g	2.05	0.128	0.996	0.400			5	4010827
Total Hepta CDD *	pg/g	11.9	0.115	0.996	0.400			2	4010827
2,3,7,8-Tetra CDF **	pg/g	<0.143	0.143	0.199	0.400	0.100	0.0143		4010827
1,2,3,7,8-Penta CDF **	pg/g	0.255	0.114	0.996	0.400	0.0300	0.00765		4010827
2,3,4,7,8-Penta CDF **	pg/g	0.241	0.111	0.996	0.400	0.300	0.0723		4010827
1,2,3,4,7,8-Hexa CDF **	pg/g	0.345	0.123	0.996	0.400	0.100	0.0345		4010827
1,2,3,6,7,8-Hexa CDF **	pg/g	0.267	0.128	0.996	0.400	0.100	0.0267		4010827
2,3,4,6,7,8-Hexa CDF **	pg/g	0.200	0.118	0.996	0.400	0.100	0.0200		4010827
1,2,3,7,8,9-Hexa CDF **	pg/g	0.233	0.133	0.996	0.400	0.100	0.0233		4010827
1,2,3,4,6,7,8-Hepta CDF **	pg/g	<0.969 (1)	0.969	0.996	0.400	0.0100	0.00969		4010827
1,2,3,4,7,8,9-Hepta CDF **	pg/g	0.291	0.119	0.996	0.400	0.0100	0.00291		4010827
Octa CDF **	pg/g	1.81	0.158	1.99	0.800	0.000300	0.000543		4010827
Total Tetra CDF **	pg/g	<0.143	0.143	0.199	0.400				4010827
Total Penta CDF **	pg/g	0.668	0.112	0.996	0.400			3	4010827
Total Hexa CDF **	pg/g	2.44	0.125	0.996	0.400			7	4010827
Total Hepta CDF **	pg/g	1.84	0.117	0.996	0.400			2	4010827
TOTAL TOXIC EQUIVALENCY	pg/g						0.778		
Surrogate Recovery (%)									
37CL4 2378 Tetra CDD *	%	68							4010827
C13-1234678 HeptaCDD *	%	60							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		AEP637							
Sampling Date		2015/04/22 12:20							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	ISM-C-150422-AFTER ISM	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDF **	%	64							4010827
C13-123478 HexaCDD *	%	59							4010827
C13-123478 HexaCDF **	%	67							4010827
C13-1234789 HeptaCDF **	%	65							4010827
C13-123678 HexaCDD *	%	58							4010827
C13-123678 HexaCDF **	%	66							4010827
C13-12378 PentaCDD *	%	66							4010827
C13-12378 PentaCDF **	%	67							4010827
C13-123789 HexaCDF **	%	66							4010827
C13-234678 HexaCDF **	%	46							4010827
C13-23478 PentaCDF **	%	61							4010827
C13-2378 TetraCDD *	%	49							4010827
C13-2378 TetraCDF **	%	48							4010827
C13-OCDD *	%	64							4010827

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

** CDF = Chloro Dibenzo-p-Furan

* CDD = Chloro Dibenzo-p-Dioxin

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (WATER)

Maxxam ID		AEP638							
Sampling Date		2015/04/22 12:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	RINSATE BLANK	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2,3,7,8-Tetra CDD *	pg/L	<1.47	1.47	11.0	4.00	1.00	1.47		4008384
1,2,3,7,8-Penta CDD *	pg/L	<1.13	1.13	54.9	4.00	1.00	1.13		4008384
1,2,3,4,7,8-Hexa CDD *	pg/L	<1.16	1.16	54.9	4.00	0.100	0.116		4008384
1,2,3,6,7,8-Hexa CDD *	pg/L	<1.23	1.23	54.9	4.00	0.100	0.123		4008384
1,2,3,7,8,9-Hexa CDD *	pg/L	<1.13	1.13	54.9	4.00	0.100	0.113		4008384
1,2,3,4,6,7,8-Hepta CDD *	pg/L	<1.12	1.12	54.9	4.00	0.0100	0.0112		4008384
Octa CDD *	pg/L	5.41	1.18	110	8.00	0.000300	0.00162		4008384
Total Tetra CDD *	pg/L	<4.13 (1)	4.13	11.0	4.00				4008384
Total Penta CDD *	pg/L	<1.13	1.13	54.9	4.00				4008384
Total Hexa CDD *	pg/L	<5.86 (1)	5.86	54.9	4.00				4008384
Total Hepta CDD *	pg/L	<1.12	1.12	54.9	4.00				4008384
2,3,7,8-Tetra CDF **	pg/L	<1.15	1.15	11.0	4.00	0.100	0.115		4008384
1,2,3,7,8-Penta CDF **	pg/L	<1.14	1.14	54.9	4.00	0.0300	0.0342		4008384
2,3,4,7,8-Penta CDF **	pg/L	<1.14	1.14	54.9	4.00	0.300	0.342		4008384
1,2,3,4,7,8-Hexa CDF **	pg/L	<1.07	1.07	54.9	4.00	0.100	0.107		4008384
1,2,3,6,7,8-Hexa CDF **	pg/L	<1.11	1.11	54.9	4.00	0.100	0.111		4008384
2,3,4,6,7,8-Hexa CDF **	pg/L	<1.02	1.02	54.9	4.00	0.100	0.102		4008384
1,2,3,7,8,9-Hexa CDF **	pg/L	<1.18	1.18	54.9	4.00	0.100	0.118		4008384
1,2,3,4,6,7,8-Hepta CDF **	pg/L	<1.33	1.33	54.9	4.00	0.0100	0.0133		4008384
1,2,3,4,7,8,9-Hepta CDF **	pg/L	<1.10	1.10	54.9	4.00	0.0100	0.0110		4008384
Octa CDF **	pg/L	<1.19	1.19	110	8.00	0.000300	0.000357		4008384
Total Tetra CDF **	pg/L	<1.15	1.15	11.0	4.00				4008384
Total Penta CDF **	pg/L	<1.14	1.14	54.9	4.00				4008384
Total Hexa CDF **	pg/L	<1.09	1.09	54.9	4.00				4008384
Total Hepta CDF **	pg/L	<1.20	1.20	54.9	4.00				4008384
TOTAL TOXIC EQUIVALENCY	pg/L						3.92		
Surrogate Recovery (%)									
37CL4 2378 Tetra CDD *	%	87							4008384

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

DIOXINS AND FURANS BY HRMS (WATER)

Maxxam ID		AEP638							
Sampling Date		2015/04/22 12:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	RINSATE BLANK	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
C13-1234678 HeptaCDD *	%	78							4008384
C13-1234678 HeptaCDF **	%	67							4008384
C13-123478 HexaCDD *	%	75							4008384
C13-123478 HexaCDF **	%	70							4008384
C13-1234789 HeptaCDF **	%	84							4008384
C13-123678 HexaCDD *	%	76							4008384
C13-123678 HexaCDF **	%	65							4008384
C13-12378 PentaCDD *	%	83							4008384
C13-12378 PentaCDF **	%	77							4008384
C13-123789 HexaCDF **	%	75							4008384
C13-234678 HexaCDF **	%	71							4008384
C13-23478 PentaCDF **	%	83							4008384
C13-2378 TetraCDD *	%	59							4008384
C13-2378 TetraCDF **	%	56							4008384
C13-OCDD *	%	86							4008384

EDL = Estimated Detection Limit

RDL = Reportable Detection Limit

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin

** CDF = Chloro Dibenzo-p-Furan

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

TEST SUMMARY

Maxxam ID: AEP635
Sample ID: ISM-A-150420-AFTER ISM
Matrix: Soil

Collected: 2015/04/20
Shipped:
Received: 2015/04/29

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	4010827	2015/05/03	2015/05/07	Kay Shaw
Moisture	BAL	4005942	N/A	2015/05/01	Chun Yan

Maxxam ID: AEP636
Sample ID: ISM-B-150421-AFTER ISM
Matrix: Soil

Collected: 2015/04/21
Shipped:
Received: 2015/04/29

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	4010827	2015/05/03	2015/05/07	Kay Shaw
Moisture	BAL	4005942	N/A	2015/05/01	Chun Yan

Maxxam ID: AEP637
Sample ID: ISM-C-150422-AFTER ISM
Matrix: Soil

Collected: 2015/04/22
Shipped:
Received: 2015/04/29

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	4010827	2015/05/03	2015/05/07	Kay Shaw
Moisture	BAL	4005942	N/A	2015/05/01	Chun Yan

Maxxam ID: AEP638
Sample ID: RINSATE BLANK
Matrix: Water

Collected: 2015/04/22
Shipped:
Received: 2015/04/29

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dioxins/Furans in Water (1613B)	HRMS/MS	4008384	2015/05/04	2015/05/05	Owen Cosby

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	8.3°C
Package 2	9.2°C

Results relate only to the items tested.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	% Recovery	Units	QC Limits
4005942	BOP	RPD - Sample/Sample Dup	Moisture	2015/05/01	1.1		%	20
4008384	OBC	Spiked Blank	37CL4 2378 Tetra CDD	2015/05/04		83	%	35 - 197
			C13-1234678 HeptaCDD	2015/05/04		100	%	23 - 140
			C13-1234678 HeptaCDF	2015/05/04		99	%	28 - 143
			C13-123478 HexaCDD	2015/05/04		97	%	32 - 141
			C13-123478 HexaCDF	2015/05/04		89	%	26 - 152
			C13-1234789 HeptaCDF	2015/05/04		111	%	28 - 143
			C13-123678 HexaCDD	2015/05/04		93	%	28 - 130
			C13-123678 HexaCDF	2015/05/04		93	%	26 - 123
			C13-12378 PentaCDD	2015/05/04		99	%	25 - 181
			C13-12378 PentaCDF	2015/05/04		92	%	24 - 185
			C13-123789 HexaCDF	2015/05/04		98	%	28 - 136
			C13-234678 HexaCDF	2015/05/04		90	%	29 - 147
			C13-23478 PentaCDF	2015/05/04		109	%	21 - 178
			C13-2378 TetraCDD	2015/05/04		77	%	24 - 164
			C13-2378 TetraCDF	2015/05/04		79	%	24 - 169
			C13-OCDD	2015/05/04		111	%	17 - 157
			2,3,7,8-Tetra CDD	2015/05/04		96	%	67 - 158
			1,2,3,7,8-Penta CDD	2015/05/04		107	%	25 - 181
			1,2,3,4,7,8-Hexa CDD	2015/05/04		102	%	70 - 164
			1,2,3,6,7,8-Hexa CDD	2015/05/04		98	%	76 - 134
			1,2,3,7,8,9-Hexa CDD	2015/05/04		88	%	64 - 162
			1,2,3,4,6,7,8-Hepta CDD	2015/05/04		101	%	70 - 140
			Octa CDD	2015/05/04		108	%	78 - 144
			2,3,7,8-Tetra CDF	2015/05/04		107	%	75 - 158
			1,2,3,7,8-Penta CDF	2015/05/04		101	%	80 - 134
			2,3,4,7,8-Penta CDF	2015/05/04		103	%	68 - 160
			1,2,3,4,7,8-Hexa CDF	2015/05/04		101	%	72 - 134
			1,2,3,6,7,8-Hexa CDF	2015/05/04		93	%	84 - 130
			2,3,4,6,7,8-Hexa CDF	2015/05/04		101	%	70 - 156
			1,2,3,7,8,9-Hexa CDF	2015/05/04		106	%	78 - 130
			1,2,3,4,6,7,8-Hepta CDF	2015/05/04		92	%	82 - 122
			1,2,3,4,7,8,9-Hepta CDF	2015/05/04		104	%	78 - 138
			Octa CDF	2015/05/04		111	%	63 - 170
4008384	OBC	Method Blank	37CL4 2378 Tetra CDD	2015/05/05		74	%	35 - 197
			C13-1234678 HeptaCDD	2015/05/05		94	%	23 - 140
			C13-1234678 HeptaCDF	2015/05/05		83	%	28 - 143
			C13-123478 HexaCDD	2015/05/05		89	%	32 - 141
			C13-123478 HexaCDF	2015/05/05		81	%	26 - 152
			C13-1234789 HeptaCDF	2015/05/05		95	%	28 - 143
			C13-123678 HexaCDD	2015/05/05		86	%	28 - 130
			C13-123678 HexaCDF	2015/05/05		77	%	26 - 123
			C13-12378 PentaCDD	2015/05/05		94	%	25 - 181
			C13-12378 PentaCDF	2015/05/05		86	%	24 - 185
			C13-123789 HexaCDF	2015/05/05		95	%	28 - 136
			C13-234678 HexaCDF	2015/05/05		82	%	29 - 147
			C13-23478 PentaCDF	2015/05/05		101	%	21 - 178
			C13-2378 TetraCDD	2015/05/05		77	%	24 - 164
			C13-2378 TetraCDF	2015/05/05		76	%	24 - 169
			C13-OCDD	2015/05/05		106	%	17 - 157
			2,3,7,8-Tetra CDD	2015/05/05	<1.19, EDL=1.19		pg/L	
			1,2,3,7,8-Penta CDD	2015/05/05	<1.19, EDL=1.19		pg/L	

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	% Recovery	Units	QC Limits
			1,2,3,4,7,8-Hexa CDD	2015/05/05	<1.12, EDL=1.12		pg/L	
			1,2,3,6,7,8-Hexa CDD	2015/05/05	<1.19, EDL=1.19		pg/L	
			1,2,3,7,8,9-Hexa CDD	2015/05/05	<1.09, EDL=1.09		pg/L	
			1,2,3,4,6,7,8-Hepta CDD	2015/05/05	<1.11, EDL=1.11		pg/L	
			Octa CDD	2015/05/05	1.62, EDL=1.17		pg/L	
			Total Tetra CDD	2015/05/05	<3.02, EDL=3.02 (1)		pg/L	
			Total Penta CDD	2015/05/05	<1.70, EDL=1.70 (1)		pg/L	
			Total Hexa CDD	2015/05/05	<4.11, EDL=4.11 (1)		pg/L	
			Total Hepta CDD	2015/05/05	<1.11, EDL=1.11		pg/L	
			2,3,7,8-Tetra CDF	2015/05/05	<1.17, EDL=1.17		pg/L	
			1,2,3,7,8-Penta CDF	2015/05/05	<1.12, EDL=1.12		pg/L	
			2,3,4,7,8-Penta CDF	2015/05/05	<1.11, EDL=1.11		pg/L	
			1,2,3,4,7,8-Hexa CDF	2015/05/05	<1.10, EDL=1.10		pg/L	
			1,2,3,6,7,8-Hexa CDF	2015/05/05	<1.14, EDL=1.14		pg/L	
			2,3,4,6,7,8-Hexa CDF	2015/05/05	<1.05, EDL=1.05		pg/L	
			1,2,3,7,8,9-Hexa CDF	2015/05/05	<1.21, EDL=1.21		pg/L	
			1,2,3,4,6,7,8-Hepta CDF	2015/05/05	<1.26, EDL=1.26		pg/L	
			1,2,3,4,7,8,9-Hepta CDF	2015/05/05	<1.03, EDL=1.03		pg/L	
			Octa CDF	2015/05/05	<1.18, EDL=1.18		pg/L	
			Total Tetra CDF	2015/05/05	<1.17, EDL=1.17		pg/L	
			Total Penta CDF	2015/05/05	<1.11, EDL=1.11		pg/L	
			Total Hexa CDF	2015/05/05	<1.12, EDL=1.12		pg/L	
			Total Hepta CDF	2015/05/05	<1.13, EDL=1.13		pg/L	
4010827	KKS	Spiked Blank	37CL4 2378 Tetra CDD	2015/05/06		59	%	35 - 197
			C13-1234678 HeptaCDD	2015/05/06		58	%	23 - 140
			C13-1234678 HeptaCDF	2015/05/06		58	%	28 - 143
			C13-123478 HexaCDD	2015/05/06		56	%	32 - 141
			C13-123478 HexaCDF	2015/05/06		59	%	26 - 152

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	% Recovery	Units	QC Limits
			C13-1234789 HeptaCDF	2015/05/06		57	%	26 - 138
			C13-123678 HexaCDD	2015/05/06		53	%	28 - 130
			C13-123678 HexaCDF	2015/05/06		59	%	26 - 123
			C13-12378 PentaCDD	2015/05/06		56	%	25 - 181
			C13-12378 PentaCDF	2015/05/06		57	%	24 - 185
			C13-123789 HexaCDF	2015/05/06		59	%	29 - 147
			C13-234678 HexaCDF	2015/05/06		41	%	28 - 136
			C13-23478 PentaCDF	2015/05/06		53	%	21 - 178
			C13-2378 TetraCDD	2015/05/06		44	%	25 - 164
			C13-2378 TetraCDF	2015/05/06		41	%	24 - 169
			C13-OCDD	2015/05/06		62	%	17 - 157
			2,3,7,8-Tetra CDD	2015/05/06		111	%	67 - 158
			1,2,3,7,8-Penta CDD	2015/05/06		97	%	70 - 142
			1,2,3,4,7,8-Hexa CDD	2015/05/06		105	%	70 - 164
			1,2,3,6,7,8-Hexa CDD	2015/05/06		110	%	76 - 134
			1,2,3,7,8,9-Hexa CDD	2015/05/06		109	%	64 - 162
			1,2,3,4,6,7,8-Hepta CDD	2015/05/06		105	%	70 - 140
			Octa CDD	2015/05/06		102	%	78 - 144
			2,3,7,8-Tetra CDF	2015/05/06		109	%	75 - 158
			1,2,3,7,8-Penta CDF	2015/05/06		108	%	80 - 134
			2,3,4,7,8-Penta CDF	2015/05/06		95	%	68 - 160
			1,2,3,4,7,8-Hexa CDF	2015/05/06		108	%	72 - 134
			1,2,3,6,7,8-Hexa CDF	2015/05/06		112	%	84 - 130
			2,3,4,6,7,8-Hexa CDF	2015/05/06		109	%	70 - 156
			1,2,3,7,8,9-Hexa CDF	2015/05/06		105	%	78 - 130
			1,2,3,4,6,7,8-Hepta CDF	2015/05/06		112	%	82 - 122
			1,2,3,4,7,8,9-Hepta CDF	2015/05/06		110	%	78 - 138
			Octa CDF	2015/05/06		96	%	63 - 170
4010827	KKS	Method Blank	37CL4 2378 Tetra CDD	2015/05/07		70	%	35 - 197
			C13-1234678 HeptaCDD	2015/05/07		70	%	23 - 140
			C13-1234678 HeptaCDF	2015/05/07		76	%	28 - 143
			C13-123478 HexaCDD	2015/05/07		69	%	32 - 141
			C13-123478 HexaCDF	2015/05/07		78	%	26 - 152
			C13-1234789 HeptaCDF	2015/05/07		76	%	26 - 138
			C13-123678 HexaCDD	2015/05/07		69	%	28 - 130
			C13-123678 HexaCDF	2015/05/07		79	%	26 - 123
			C13-12378 PentaCDD	2015/05/07		67	%	25 - 181
			C13-12378 PentaCDF	2015/05/07		76	%	24 - 185
			C13-123789 HexaCDF	2015/05/07		76	%	29 - 147
			C13-234678 HexaCDF	2015/05/07		48	%	28 - 136
			C13-23478 PentaCDF	2015/05/07		62	%	21 - 178
			C13-2378 TetraCDD	2015/05/07		52	%	25 - 164
			C13-2378 TetraCDF	2015/05/07		48	%	24 - 169
			C13-OCDD	2015/05/07		76	%	17 - 157
			2,3,7,8-Tetra CDD	2015/05/07	<0.164, EDL=0.164		pg/g	
			1,2,3,7,8-Penta CDD	2015/05/07	<0.148, EDL=0.148		pg/g	
			1,2,3,4,7,8-Hexa CDD	2015/05/07	<0.104, EDL=0.104		pg/g	
			1,2,3,6,7,8-Hexa CDD	2015/05/07	<0.115, EDL=0.115		pg/g	
			1,2,3,7,8,9-Hexa CDD	2015/05/07	<0.108, EDL=0.108		pg/g	

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	% Recovery	Units	QC Limits
			1,2,3,4,6,7,8-Hepta CDD	2015/05/07	0.227, EDL=0.116		pg/g	
			Octa CDD	2015/05/07	0.906, EDL=0.107		pg/g	
			Total Tetra CDD	2015/05/07	<0.164, EDL=0.164		pg/g	
			Total Penta CDD	2015/05/07	<0.148, EDL=0.148		pg/g	
			Total Hexa CDD	2015/05/07	<0.110, EDL=0.110		pg/g	
			Total Hepta CDD	2015/05/07	0.395, EDL=0.116		pg/g	
			2,3,7,8-Tetra CDF	2015/05/07	<0.141, EDL=0.141		pg/g	
			1,2,3,7,8-Penta CDF	2015/05/07	<0.155, EDL=0.155		pg/g	
			2,3,4,7,8-Penta CDF	2015/05/07	<0.151, EDL=0.151		pg/g	
			1,2,3,4,7,8-Hexa CDF	2015/05/07	<0.109, EDL=0.109		pg/g	
			1,2,3,6,7,8-Hexa CDF	2015/05/07	<0.113, EDL=0.113		pg/g	
			2,3,4,6,7,8-Hexa CDF	2015/05/07	0.106, EDL=0.104		pg/g	
			1,2,3,7,8,9-Hexa CDF	2015/05/07	0.140, EDL=0.118		pg/g	
			1,2,3,4,6,7,8-Hepta CDF	2015/05/07	<0.0975, EDL=0.0975 (1)		pg/g	
			1,2,3,4,7,8,9-Hepta CDF	2015/05/07	<0.111, EDL=0.111 (1)		pg/g	
			Octa CDF	2015/05/07	0.317, EDL=0.0986		pg/g	
			Total Tetra CDF	2015/05/07	<0.141, EDL=0.141		pg/g	
			Total Penta CDF	2015/05/07	<0.153, EDL=0.153		pg/g	
			Total Hexa CDF	2015/05/07	0.140, EDL=0.111		pg/g	
			Total Hepta CDF	2015/05/07	<0.109, EDL=0.109 (1)		pg/g	
4010827	KKS	RPD - Sample/Sample Dup	2,3,7,8-Tetra CDD	2015/05/07	NC		%	25
			1,2,3,7,8-Penta CDD	2015/05/07	NC		%	25
			1,2,3,4,7,8-Hexa CDD	2015/05/07	NC		%	25
			1,2,3,6,7,8-Hexa CDD	2015/05/07	4.7		%	25
			1,2,3,7,8,9-Hexa CDD	2015/05/07	NC		%	25
			1,2,3,4,6,7,8-Hepta CDD	2015/05/07	5.9		%	25
			Octa CDD	2015/05/07	4.3		%	25
			Total Tetra CDD	2015/05/07	NC		%	25
			Total Penta CDD	2015/05/07	NC		%	25
			Total Hexa CDD	2015/05/07	5.7		%	25
			Total Hepta CDD	2015/05/07	6.5		%	25
			2,3,7,8-Tetra CDF	2015/05/07	NC		%	25

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	% Recovery	Units	QC Limits
			1,2,3,7,8-Penta CDF	2015/05/07	NC		%	25
			2,3,4,7,8-Penta CDF	2015/05/07	NC		%	25
			1,2,3,4,7,8-Hexa CDF	2015/05/07	NC		%	25
			1,2,3,6,7,8-Hexa CDF	2015/05/07	NC		%	25
			2,3,4,6,7,8-Hexa CDF	2015/05/07	NC		%	25
			1,2,3,7,8,9-Hexa CDF	2015/05/07	NC		%	25
			1,2,3,4,6,7,8-Hepta CDF	2015/05/07	5.1		%	25
			1,2,3,4,7,8,9-Hepta CDF	2015/05/07	NC		%	25
			Octa CDF	2015/05/07	6.9		%	25
			Total Tetra CDF	2015/05/07	54 (2)		%	25
			Total Penta CDF	2015/05/07	4.2		%	25
			Total Hexa CDF	2015/05/07	3.3		%	25
			Total Hepta CDF	2015/05/07	5.8		%	25

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) Duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam Job #: B577839
Report Date: 2015/05/12

Apex Laboratories
Client Project #: A5D0682

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Branko Vrzic, A.SC.T., Senior Analyst, HRMS Services

Cristina Carriere, Scientific Services

Owen Cosby, BSc.C.Chem, Supervisor, HRMS Services

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

APPENDIX C

DATA VALIDATION MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.40 | MAY 14, 2015 | PORT OF RIDGEFIELD

This report summarizes the results of a data quality review conducted for sediment samples collected in Lake River offshore of the Port of Ridgefield. The samples were collected in April 2015 to evaluate post-remedial construction baseline conditions.

Maxxam Analytics International Corporation (Maxxam) and Apex Laboratories (Apex) performed the analyses. Maxxam report number B577839 was reviewed as well as Apex report number A5D0682. The samples were collected using incremental sampling methodology (ISM) and were first processed at Apex. Apex analyzed the prepared samples for total organic carbon (TOC) by Puget Sound Estuary Program-recommended Standard Methods for the Examination of Water and Wastewater Method 5310B, after which the samples were submitted to Maxxam for analysis of chlorinated dibenzo-p-dioxins and dibenzofurans (dioxins/furans) by U.S. Environmental Protection Agency (USEPA) Method 1613B-Modified. The following samples were analyzed.

Report	Sample ID
B577839/A5D0682	ISM-A-150240
B577839/A5D0682	ISM-B-150421
B577839/A5D0682	ISM-C-150422
B577839/A5D0682	RINSATE BLANK

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2010, 2014) and appropriate laboratory and method-specific guidelines (Maxxam, 2013; USEPA, 1986).

Dioxins/furans that were detected below the method reporting limit (MRL) and reported as an estimated maximum potential concentration (EMPC) were assigned a "U" qualifier by the laboratory (non-detect) at the reported EMPC value, resulting in an elevated estimated detection limit (EDL).

USEPA Method 1613B detections between the MRL and the EDL were qualified as estimates (J) by the reviewer.

The laboratory noted that the oven used to dry TOC samples was outside control limits. Therefore, data were not qualified.

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

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. When an analyte was detected in a sample and in the associated method blank, and the sample result was greater than the method blank result, the sample result was qualified "J" as estimated if the sample concentration was less than five times the method blank concentration. The following sample results were qualified:

Sample	Analyte	Original Result (pg/g)	Qualified Result (pg/g)
ISM-A-150420	1,2,3,7,8,9 – Hexa CDF	0.675	0.675 J
ISM-B-150421	2,3,4,6,7,8 – Hexa CDF	0.210 U	0.210 UJ
ISM-B-150421	1,2,3,7,8,9 – Hexa CDF	0.238 U	0.238 UJ
ISM-C-150422	2,3,4,6,7,8 – Hexa CDF	0.200	0.200 J
ISM-C-150422	1,2,3,7,8,9 – Hexa CDF	0.233	0.233 J

pg/g = pictograms per gram.

Trip Blanks

Trip blanks were not required for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were conducted for this sampling event. Octa-chlorinated dibenzo-p-dioxin was detected in the rinsate blank at a concentration significantly lower than in the sediment samples (see the attached table). No sample results were qualified because of equipment rinsate blank detections.

LABELED ANALOG STANDARD RECOVERY RESULTS

All USEPA Method 1613B samples were spiked with C13 labeled analog standards (surrogates) to evaluate and document data quality.

All surrogate recoveries were within acceptance limits.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency.

Maxxam noted one duplicate result that exceeded relative percent difference (RPD) acceptance limits by minor amounts because of sample heterogeneity. Data were not qualified as a result.

All other RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

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

ISM REPLICATE EVALUATION

Triplicate composite samples were collected and submitted to Maxxam. ISM replicate sets included samples ISM-A-150420, ISM-B-150421, and ISM-C-150422. All ISM replicate sample sets were submitted for dioxin/furan and TOC analysis. The relative standard deviations (RSDs) of the replicate sets were not calculated, as dioxin/furan congener and total results were generally between the EDL and the MRL, less than five times the MRL, or non-detect. RSDs were not calculated for TOC, as two of the three results were less than five times the MRL.

REPORTING LIMITS

Maxxam and Apex used routine MRLs and EDLs for non-detect results. MRLs and EDLs were adjusted for samples requiring dilutions because of high analyte concentrations, matrix interferences, or ratio criteria exceedances (resulting in EMPCs). Apex used routine MRLs.

DATA PACKAGE

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

REFERENCES

Maxxam. 2013. Quality assurance manual. Maxxam Analytics International Corporation o/a Maxxam Analytics Inc., Mississauga, Ontario, Canada.

USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).

USEPA. 2010. USEPA contract laboratory program national functional guidelines for inorganic Superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

USEPA. 2014. R10 data validation and review guidelines for polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran data (PCDD/PCDF) using Method 1613B, and SW846 Method 8290A. EPA-910-R-14-003. U.S. Environmental Protection Agency, Office of Environmental Assessment. May.

Table
Rinsate Blank Results
Former PWT Site
Ridgefield, Washington

Sample ID	RINSATE-SA
Date Collected	04/22/2015
Sample Type	Rinsate Blank
Start Depth	NA
End Depth	NA
Dioxins and Furans (pg/L)	
1,2,3,4,6,7,8-HpCDD	1.12 U
1,2,3,4,6,7,8-HpCDF	1.33 U
1,2,3,4,7,8,9-HpCDF	1.1 U
1,2,3,4,7,8-HxCDD	1.16 U
1,2,3,4,7,8-HxCDF	1.07 U
1,2,3,6,7,8-HxCDD	1.23 U
1,2,3,6,7,8-HxCDF	1.11 U
1,2,3,7,8,9-HxCDD	1.13 U
1,2,3,7,8,9-HxCDF	1.18 U
1,2,3,7,8-PeCDD	1.13 U
1,2,3,7,8-PeCDF	1.14 U
2,3,4,6,7,8-HxCDF	1.02 U
2,3,4,7,8-PeCDF	1.14 U
2,3,7,8-TCDD	1.47 U
2,3,7,8-TCDF	1.15 U
OCDD	5.41
OCDF	1.19 U
Total HpCDDs	1.12 U
Total HpCDFs	1.2 U
Total HxCDDs	5.86 U
Total HxCDFs	1.09 U
Total PeCDDs	1.13 U
Total PeCDFs	1.14 U
Total TCDDs	4.13 U
Total TCDFs	1.15 U

NOTES:
NA = not applicable.
pg/L = picograms per liter.
PWT = Pacific Wood Treating Co.
U = Associated result is less than listed detection limit.

APPENDIX D-3

LAKE RIVER SEDIMENT LONG TERM MONITORING REPORTS

LAKE RIVER 2017 SEDIMENT MONITORING REPORT

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

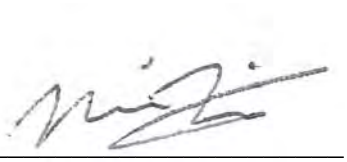
Prepared for
PORT OF RIDGEFIELD
January 25, 2018
Project No. 9003.01.40

Prepared by
Maul Foster & Alongi, Inc.
400 East Mill Plain Blvd., Suite 400
Vancouver, WA 98660

MAUL FOSTER ALONGI

The material and data in this report were prepared under the supervision and direction of the undersigned.

MAUL FOSTER & ALONGI, INC.



Phil Wiescher, PhD
Senior Environmental Scientist

CONTENTS

TABLES AND ILLUSTRATIONS IV

ACRONYMS AND ABBREVIATIONS V

1 INTRODUCTION 1
1.1 BACKGROUND 1

2 SITE CONDITIONS 2

3 SAMPLING PROGRAM 2
3.1 INCREMENTAL SAMPLING METHODOLOGY DESIGN 3
3.2 SAMPLING METHODS 3
3.3 QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES 4
3.4 SAMPLE TRANSPORT 4
3.5 LABORATORY CHEMICAL SAMPLE PROCESSING AND ANALYSIS 4
3.6 DATA REDUCTION, VALIDATION, AND REPORTING 5

4 RESULTS 5

LIMITATIONS

REFERENCES

TABLES

FIGURES

APPENDIX A
PHOTO ARRAY

APPENDIX B
ANALYTICAL REPORTS

APPENDIX C
DATA VALIDATION MEMORANDUM

TABLES AND ILLUSTRATIONS

FOLLOWING REPORT:

TABLES

3-1 SEDIMENT SAMPLE DESCRIPTIONS

4-1 SEDIMENT SAMPLE RESULTS

FIGURES

1-1 SITE LOCATION

1-2 LAKE RIVER REMEDY AREA

3-1 SAMPLE LOCATIONS

ACRONYMS AND ABBREVIATIONS

Apex	Apex Laboratories
bml	below mudline
CAP	cleanup action plan
cm	centimeter(s)
COC	chain of custody
CUL	cleanup level
dioxins	polychlorinated dibenzo-p-dioxins and furans
DU	decision unit
Ecology	Washington State Department of Ecology
ENR	enhanced natural recovery
ISM	incremental sampling methodology
MFA	Maul Foster & Alongi, Inc.
ng/kg	nanograms per kilogram
the Port	Port of Ridgefield
PWT	Pacific Wood Treating Co.
QA/QC	quality assurance and quality control
REL	remediation level
SAP	sampling and analysis plan
TEQ	toxicity equivalent
TOC	total organic carbon
USEPA	U.S. Environmental Protection Agency

1 INTRODUCTION

On behalf of the Port of Ridgefield (the Port), Maul Foster & Alongi, Inc. (MFA) has prepared this report to summarize Year 2 (2017) Lake River post-remedy sediment monitoring results. Lake River is offshore of the former Pacific Wood Treating Co. (PWT) site in Ridgefield, Washington (see Figure 1-1). PWT operated a wood-treating facility from 1964 to 1993 at the Port's Lake River Industrial Site, now known as Miller's Landing.

On November 5, 2013, the Port entered into a Consent Decree with the State of Washington requiring remedial action to address contamination at the former PWT site. The selected cleanup action for the Lake River portion of the former PWT site consisted of mechanical dredging and placement of an enhanced natural recovery (ENR) sand layer, and is described in the cleanup action plan (CAP) (Washington State Department of Ecology [Ecology], 2013). The remedy includes sediment chemical monitoring to assess cleanup efficacy in years 0, 2, 5, and 10 after substantive completion of the remedy.

Year 0 monitoring was completed in 2015 (MFA, 2015b). This report provides the results of the Year 2 (2017) monitoring, including sampling methodology and analysis, quality assurance protocols, and laboratory analytical results and interpretation. Sampling and reporting were conducted in accordance with the Ecology-approved sampling and analysis plan (SAP) (MFA, 2015a), with any exceptions noted in this report.

1.1 Background

The CAP identifies a remediation level (REL; 30 nanograms per kilogram [ng/kg] dioxin toxicity equivalent [TEQ]) and a cleanup level (CUL; 5 ng/kg dioxin TEQ) for polychlorinated dibenzo-p-dioxins and furans (collectively referred to as dioxins) in Lake River sediments. These numeric criteria guided the remedial action substantively completed in 2015. Areas exceeding the REL were dredged and treated with a clean ENR sand layer, whereas areas above the CUL but below the REL, were only treated with clean sand (see Figure 1-2). After remedy completion, Year 0 (baseline) monitoring was conducted in July 2015 to assesses cleanup effectiveness. The 2015 results showed that sediment concentrations were below the CUL and that a significant reduction in dioxin concentrations had been attained (MFA, 2015b). The Year 2 (2017) monitoring described in this report was conducted to quantify any concentration changes relative to 2015. Monitoring efforts will also be conducted in Years 5 (2020) and 10 (2025) to further quantify concentration trends over time, and to confirm that natural recovery is effective in meeting the CUL in the long term, as is anticipated.

2 SITE CONDITIONS

Lake River is a slow, flat slough of the Columbia River. Lake River is hydraulically connected through a tide gate/flushing structure along the western shoreline of Vancouver Lake and at the mouth of Lake River on the Columbia River, 11 miles downstream of the Vancouver Lake tide gate. Overall river flow is from Vancouver Lake to the mouth of Lake River and flow direction in Lake River reverses as a result of tidal influences from the Columbia River. Low water velocity, bathymetric analysis, and grain size distribution all indicate that Lake River is a predominantly depositional fluvial environment, and that natural attenuation of sediment concentrations should be expected to occur over time (MFA, 2013b).

An approximately 1-foot-thick clean sand layer was placed over the entire remedy area as part of the sediment remedy (see Figure 1-2). Based on visual observations of riverbed exposed during low tide in 2017, fines have deposited on much of the placed sand layer. No evidence of significant sand scour (e.g., exposed native sandy silt) was observed. Surface (0 to 10 centimeters [cm] below mudline [bml]) sediment samples retrieved during the 2017 event were generally fine to coarse sands and in some areas transitioned to sandy silt at less than 10 cm bml. The fine to coarse sands represent the clean sand layer placed as part of the remedy.

The subsurface (deeper than 10 cm bml) sediment characteristics in Lake River vary with depth. In the remedy area, the current depth to native sediment below the placed clean sand layer likely varies (e.g., due to propwash and mixing processes). Generally, in the nearshore slope areas, the native subsurface sediment is characterized as a fine sandy silt to a depth of approximately 5 feet bml that then transitions to a fine to medium sand. Subsurface sediment in the channel areas of Lake River is generally very fine sandy silt up to 11 feet bml, with the exception of some fine to medium sand encountered in two cores in the Lake River channel area at approximately 6 to 7 feet bml (MFA, 2013a). See Appendix A for photographs of site conditions.

3 SAMPLING PROGRAM

The incremental sampling methodology (ISM) was used to characterize dioxins in sediments. ISM characterizes the average concentration of contaminants in a predefined area termed a decision unit (DU). Samples (called increments) were collected from multiple locations in a DU under evaluation. The increments were combined into one sample (called an ISM sample) and analyzed to obtain a representative average contaminant concentration for the entire DU. Three ISM samples, called replicates, were collected to define variability resulting from sampling error or spatial heterogeneity. ISM provides data that are more representative of average concentrations than area-wide concentrations derived from discrete or traditional composite samples (HDOH, 2009; ITRC, 2012).

3.1 Incremental Sampling Methodology Design

The sampling objective was to characterize the average concentration of dioxins in surface sediments in the remedy area. The DU sampled extends from the surface to 10 cm bml across the entire remedy area (as described in section 1.1) and is shown in Figure 3-1. Three replicate samples (ISM samples "A," "B," and "C") consisting of 30 increments each were collected to assess sample variability. The increment locations are consistent with those sampled in 2015 and were selected based on a stratified random approach using a triangular grid (using ArcGIS 10 and Visual Sample Plan 6). Using a systematic random grid, as opposed to a simple random sampling approach, reduces the probability of missing areas with significantly elevated concentrations.

3.2 Sampling Methods

MFA conducted sediment sampling on September 25 through 27, 2017. Water levels were low, and the nearshore sediment bed was exposed during periods of low tide. Figure 3-1 and Table 3-1 show and summarize sampling stations, respectively.

Sediment increments were typically collected by a 1-inch-diameter, thin-walled, stainless steel sampling tube. The sampling tube was manually advanced to below 10 cm. The sampling tube was withdrawn and the increment extruded, using a plunger, onto a clean work surface. The increment was measured and trimmed to 10 cm, and placed in the laboratory-supplied sampling container. If increment recovery was poor at certain locations, the increment was discarded and resampled within a few feet of the original location. At some locations, the sampling tube did not retain sediments and a handheld Van Veen (clamshell) sampler was deployed instead. A 10-cm-long, 1-inch-diameter core was cut from the Van Veen sample to maintain consistency with increments collected using the sampling tube. Some locations could not be accessed via boat because water levels were too low. These locations were accessed by foot from shore, and a 10-cm-long, 1-inch-diameter core was retrieved using a small stainless-steel knife and spoon. Approximately 100 grams per increment, for a total of approximately 3 kilograms per ISM sample, was collected to provide the overall mass required by the analytical laboratory. The ISM sample was analyzed for dioxins and total organic carbon (TOC).

A differential global positioning system was used to navigate to the locations shown on Figure 3-1. Locations were determined to an accuracy of ±3 meters. Horizontal coordinates were referenced to the Washington South State Plane HARN (NAD83). See Appendix A for photographs of sampling procedures and representative samples collected.

All equipment was decontaminated in accordance with the SAP. All sample containers were kept on ice before submittal, with chain-of-custody (COC) documentation, to the laboratory for analysis. Use of dedicated (nondisposable) sampling equipment significantly reduced the amount of decontamination fluids generated. Nondisposable incremental sampling equipment was decontaminated only between replicates (i.e., not decontaminated between increments within the unit). Decontamination of nondisposable sampling equipment (i.e., incremental sampling equipment) used disposable, single-use paper towels that were containerized, along with used personal protective equipment, and disposed of in a sanitary landfill.

3.3 Quality Assurance and Quality Control Samples

The following quality assurance and quality control (QA/QC) sampling was conducted.

Three replicate ISM samples were collected across the DU. Replicates were processed and analyzed (consistent with the methods used for the primary sample) to assess sample variability.

An equipment rinsate blank collected in 2015 from decontaminated reusable equipment coming into direct contact with sediment samples (e.g., bowls and spoons) showed that no sediment sample results required qualification. As determined in coordination with Ecology, an equipment rinsate blank was not submitted for analysis during the 2017 monitoring event (Mercuri, 2017).

3.4 Sample Transport

Samples for ISM processing and TOC analysis were submitted to the Ecology-approved Apex Laboratories (Apex) of Tigard, Oregon. Following ISM processing, Apex submitted sample aliquots to the Ecology-approved Cape Fear Laboratory LLC for dioxin analysis. COC documentation was maintained throughout the sample handling and testing process and is included in the laboratory analytical reports (see Appendix B).

3.5 Laboratory Chemical Sample Processing and Analysis

Prior to analysis, Apex used SAP-identified ISM procedures to process the ISM samples. As discussed above, the approximately equal mass collected from each increment was field consolidated to generate a sample of approximately 3 kilograms (wet weight). The laboratory air dried each decision unit sample at room temperature. The entire volume of each sample was chopped and sieved to facilitate obtaining a representative subsample and improving analyte extraction efficiency. The sample was sieved using an American Society for Testing and Materials No. 10 (2-millimeter) sieve. Once the sample was dried and sieved, the laboratory performed the "1-dimensional slabcake" subsampling procedure to sub-aliquot sample volume to be used for analysis. The slabcake procedure involves spreading the sample at a consistent depth in a line, using 20 or more passes and using a square scoop to cut across the line as needed to create an aliquot for each analysis. Samples for TOC were ground prior to analysis. Precise volumes (as identified in the SAP) of samples were collected as aliquots for each individual laboratory analysis and for QA/QC requirements. The following analyses of ISM aliquots by the methods indicated were conducted:

- TOC by Puget Sound Estuary Program/SM 5310B Modified
- Dioxins by U.S. Environmental Protection Agency (USEPA) Method 1613B

Laboratory QA/QC requirements were maintained through the use of standard USEPA methods, based on USEPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (USEPA, 1986).

3.6 Data Reduction, Validation, and Reporting

The laboratory data produced were independently reviewed by MFA for data quality (see Appendix C). Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2010, 2014) and appropriate laboratory and method-specific guidelines (Apex, 2013; USEPA, 1986), and are reported consistent with recent dioxin data treatment guidance (Ecology, 2015). ISM sample replicates were assessed as part of the data validation. Sample results were qualified appropriately to reflect any criteria not satisfied during the aforementioned assessments. All data are considered acceptable for use, with associated qualifiers. Consistent with Washington Administrative Code 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data will be submitted in both written (this report) and electronic (the Ecology Environmental Information Management system) formats.

4 RESULTS

The 2015 and 2017 sediment monitoring results are provided in Table 4-1. For the 2017 monitoring event, most dioxin congener results are at or near the estimated detection limits. Samples A (1.38 ng/kg dioxin TEQ) and C (2.19 ng/kg) are below the CUL and are marginally lower than Sample B results (7.01 ng/kg). The 2017 average ISM sample concentration (3.53 ng/kg) is below the CUL of 5 ng/kg.

Dioxin concentrations increased slightly from 2015 (average ISM concentration of 1.16 ng/kg). TOC also increased from an average of 0.87 percent in 2015 to 4.97 percent in 2017. The increases likely reflect (1) bioturbation and propwash resulting in some mixing of the sands with underlying sandy silt, (2) some sand and organics movement due to anthropogenic activities such as propwash, and (3) deposition of fines on top of the placed sand layer. Thinner sand layers, and therefore proportionally more sandy silt, were observed in some sample increments collected along the riverward extent (mid-channel) of the DU, particularly in Sample B increments. The mid-channel area is relatively shallow and sees heavy recreational boat traffic and propwash, and therefore some erosion and mixing of the clean sand layer has likely occurred. This was anticipated and therefore a 1-foot sand layer (as opposed to six inches or less) was specified in the remedy design (MFA, 2014). The higher amounts of silty sand in Sample B are reflected in the higher TOC observed, and may explain the minor spatial heterogeneity in dioxin concentrations. Depositional fines from upstream areas may have also contributed to the slight increases of dioxin concentrations and TOC observed in 2017. Regional sediment background dioxin concentrations (approximately 2 ng/kg TEQ) (MFA, 2013b) are higher than those observed during the Year 0 (2015) sediment monitoring event.

Before the remedial action, dioxin TEQ concentrations in Lake River were as high as 910 ng/kg, and it was estimated that post-remedy concentrations would range up to 23 ng/kg (MFA, 2015a), with an area-wide average concentration of approximately 4.4 ng/kg, following natural recovery and mixing of placed clean sand with native sediment (MFA, 2013a). The 2017 average ISM concentration is consistent with the area-wide projection and is below the CUL of 5 ng/kg. Placed sand is expected to continue to mix with the underlying sandy silt over time via bioturbation and anthropogenic events, and upstream sediments will continue to deposit in the remedy area. Future

monitoring events will assess whether and how these processes continue to affect dioxin concentrations in the remedy area over time.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

Apex. 2013. Quality assurance manual. Apex Laboratories, LLC, Tigard, Oregon.

Ecology. 2013. Cleanup action plan, former Pacific Wood Treating Co. site. Washington State Department of Ecology. November 5.

Ecology. 2015. Sediment cleanup users manual II, guidance for implementing the cleanup provisions of the sediment management standards, Chapter 173-204 WAC. Publication No. 12-09-057. Washington State Department of Ecology. March.

HDOH. 2009. Interim final technical guidance manual for the implementation of the Hawai'i state contingency plan. Office of Hazard Evaluation and Emergency Response. Hawai'i Department of Health. November 12.

ITRC. 2012. Technical and regulatory guidance: incremental sampling methodology. The Interstate Technology & Regulatory Council Incremental Sampling Methodology Team. February.

Mercuri, J. 2017. Electronic mail (re: pacific wood treating) to P. Wiescher, Maul Foster & Alongi, Inc. September 28.

MFA. 2013a. Lake River remedy predesign sampling report. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. June 14.

MFA. 2013b. Former PWT site remedial investigation and feasibility study. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. July 1.

MFA. 2014. Lake River 90% remedial design report. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. March 3.

MFA. 2015a. Lake River sediment monitoring sampling and analysis plan, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc. Vancouver, Washington. April 9.

MFA. 2015b. Lake River sediment monitoring report, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc. Vancouver, Washington. July 1.

USEPA. 1986. Test methods for the evaluation of solid waste: physical/chemical methods. 3rd ed. EPA SW-846. U.S. Environmental Protection Agency.

USEPA. 2010. USEPA contract laboratory program national functional guidelines for inorganic Superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

USEPA. 2014. R10 data validation and review guidelines for polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran data (PCDD/PCDF) using Method 1613B, and SW846 Method

8290A. EPA-910-R-14-003. U.S. Environmental Protection Agency, Office of Environmental Assessment. May.

TABLES

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
0	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
1	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
2	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
3	A	09/25/2017	Dark brownish-gray sand, fine to coarse, trace woody/organic debris.
4	A	09/25/2017	Dark brownish-gray sand, fine to coarse, trace woody/organic debris.
5	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
6	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
7	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
8	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
9	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
10	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
11	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
12	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
13	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
14	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
15	A	09/25/2017	Dark brownish-gray sand, fine to coarse, trace woody/organic debris.
16	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
17	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
18	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris.
19	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
20	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
21	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
22	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
23	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
24	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
25	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
26	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
27	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
28	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
29	A	09/25/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
30	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
31	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
32	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
33	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
34	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
35	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
36	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
37	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
38	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
39	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
40	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
41	C	09/27/2017	Dark brownish-gray sand, fine to coarse, trace woody/organic debris. Collected with Van Veen.
42	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
43	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
44	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
45	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
46	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
47	C	09/27/2017	Dark brownish-gray sand, fine to coarse, trace organic debris (bivalve shells).
48	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
49	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
50	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
51	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
52	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris.
53	C	09/27/2017	Dark brownish-gray sand, fine to coarse, trace woody/organic debris.
54	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
55	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected with Van Veen.
56	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
57	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
58	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
59	C	09/27/2017	Dark brownish-gray sand, fine to coarse, no debris. Collected from shore.
60	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
61	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
62	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
63	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
64	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
65	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
66	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
67	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
68	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
69	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
70	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
71	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
72	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
73	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
74	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
75	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
76	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
77	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
78	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
79	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
80	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
81	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
82	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
83	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
84	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
85	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.
86	B	09/26/2015	Dark brownish-gray sand, fine to coarse, no debris.

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
87	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
88	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.
89	B	09/26/2015	Dark brownish-gray sand, fine to coarse, and dark brown silt, no debris.

NOTE:
PWT = Pacific Wood Treating Co.

Table 4-1
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

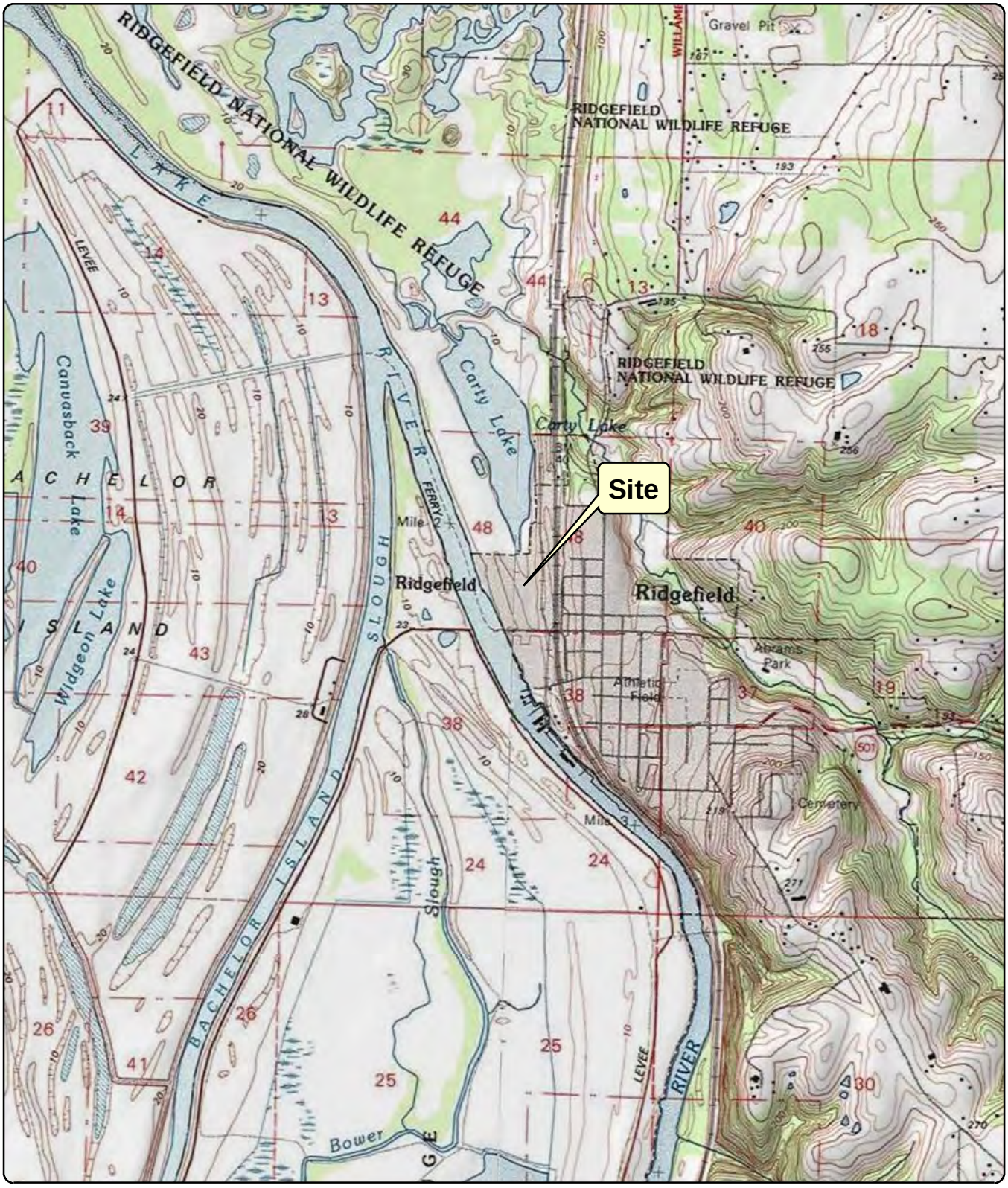
Location		ISM Sample A	ISM Sample B	ISM Sample C	ISM Sample A	ISM Sample B	ISM Sample C
Sample ID		ISM-A-150240	ISM-B-150421	ISM-C-150422	ISM-A-170925	ISM-B-170926	ISM-C-170927
Date Collected		04/20/2015	04/21/2015	04/22/2015	09/25/2017	09/26/2017	09/27/2017
Sample Type		ISM	ISM	ISM	ISM	ISM	ISM
Start Depth (cm bml)		0	0	0	0	0	0
End Depth (cm bml)		10	10	10	10	10	10
	Cleanup Level	**YEAR 0 (2015)**			**YEAR 2 (2017)**		
Dioxins and Furans (ng/kg)							
1,2,3,4,6,7,8-HpCDD	--	30.3	9.9	6.23	30.7 J	248 J	77.5 J
1,2,3,4,6,7,8-HpCDF	--	4.03	1.65	0.969 U	4.89 J	32 J	9.38 J
1,2,3,4,7,8,9-HpCDF	--	0.806 J	0.276 J	0.291 J	1.22 U	2.25 J	0.819 J
1,2,3,4,7,8-HxCDD	--	0.77 J	0.216 J	0.282 J	0.746 U	1.33 J	0.506 J
1,2,3,4,7,8-HxCDF	--	1.15	0.278 U	0.345 J	1.07 J	4.82 J	1.37 J
1,2,3,6,7,8-HxCDD	--	2.08	0.546 J	0.527 J	1.45 J	7.26 J	2.95 J
1,2,3,6,7,8-HxCDF	--	0.884 J	0.251 J	0.267 J	0.541 U	1.71 J	0.62 UJ
1,2,3,7,8,9-HxCDD	--	1.2	0.316 J	0.331 J	0.676 U	2.33 J	0.899 UJ
1,2,3,7,8,9-HxCDF	--	0.675 J	0.238 UJ	0.233 J	0.963 U	1.33 J	0.53 U
1,2,3,7,8-PeCDD	--	0.607 J	0.281 U	0.208 J	0.284 U	0.404 J	0.244 U
1,2,3,7,8-PeCDF	--	0.666 J	0.229 U	0.255 J	0.42 U	0.428 UJ	0.425 J
2,3,4,6,7,8-HxCDF	--	0.76 J	0.21 UJ	0.2 J	0.586 U	1.95 J	0.759 UJ
2,3,4,7,8-PeCDF	--	0.585 J	0.222 U	0.241 J	0.414 UJ	2.04 J	0.672 UJ
2,3,7,8-TCDD	--	0.218 J	0.117 U	0.166 U	0.523 U	0.566 U	0.33 U
2,3,7,8-TCDF	--	0.216 J	0.169 U	0.143 U	0.502 U	0.532 U	0.365 U
OCDD	--	264	76	53.1	298 J	2570 J	864 J
OCDF	--	7.36	2.11	1.81 J	8.34 J	52.9 J	27.1 J
Total HpCDDs	--	54.3	18.1	11.9	61.9 J	466 J	150 J
Total HpCDFs	--	11.3	4.48	1.84	15 J	105 J	30.5 J
Total HxCDDs	--	7.75	2.29	2.05	5.85	62.6 U	17 U
Total HxCDFs	--	9.57	2.54	2.44	9.93 U	75	18.9 U

Table 4-1
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

Location		ISM Sample A	ISM Sample B	ISM Sample C	ISM Sample A	ISM Sample B	ISM Sample C
Sample ID		ISM-A-150240	ISM-B-150421	ISM-C-150422	ISM-A-170925	ISM-B-170926	ISM-C-170927
Date Collected		04/20/2015	04/21/2015	04/22/2015	09/25/2017	09/26/2017	09/27/2017
Sample Type		ISM	ISM	ISM	ISM	ISM	ISM
Start Depth (cm bml)		0	0	0	0	0	0
End Depth (cm bml)		10	10	10	10	10	10
	Cleanup Level	**YEAR 0 (2015)**			**YEAR 2 (2017)**		
Total PeCDDs	--	0.607 J	0.281 U	0.208 J	0.284 U	14.7 U	2.07 UJ
Total PeCDFs	--	1.74	0.225 U	0.668 J	2.65 UJ	28.9 U	6.38 U
Total TCDDs	--	0.218	0.117 U	0.166 U	0.523 U	9.24	0.33 U
Total TCDFs	--	0.216	0.169 U	0.143 U	0.502 U	17 U	0.365 U
Total TEQ Mammals (U = 1/2 EDL)	5	2.23	0.555	0.683	1.38	7.01	2.19
Average ISM Sample TEQ (U = 1/2 EDL)		**1.16**			**3.53**		
Conventionals (%)							
Total Organic Carbon	--	1.2	0.74	0.66	3.8	6.2	4.9
Average Total Organic Carbon	--	0.87			4.97		

NOTES:
Average results are in **bold** font.
-- = no value.
% = percent.
cm bml = centimeters below mudline.
EDL = estimated detection limit.
ISM = incremental sampling methodology.
J = Associated result is an estimated quantity.
ng/kg = nanograms per kilogram.
PWT = Pacific Wood Treating Co.
TEQ = toxicity equivalent.
U = Associated result is less than listed detection limit.

FIGURES



Source: Topographic Quadrangle obtained from ArcGIS Online Services/NGS-USGS TOPO! US Geological Survey (1999)
7.5-minute topographic quadrangle: Ridgefield
Address: Lake River Industrial Site
111 W. Division Street, Ridgefield, WA 98642
Section: 24 Township: 4N Range: 1W Of Willamette Meridian

PWT = Pacific Wood Treating Co.

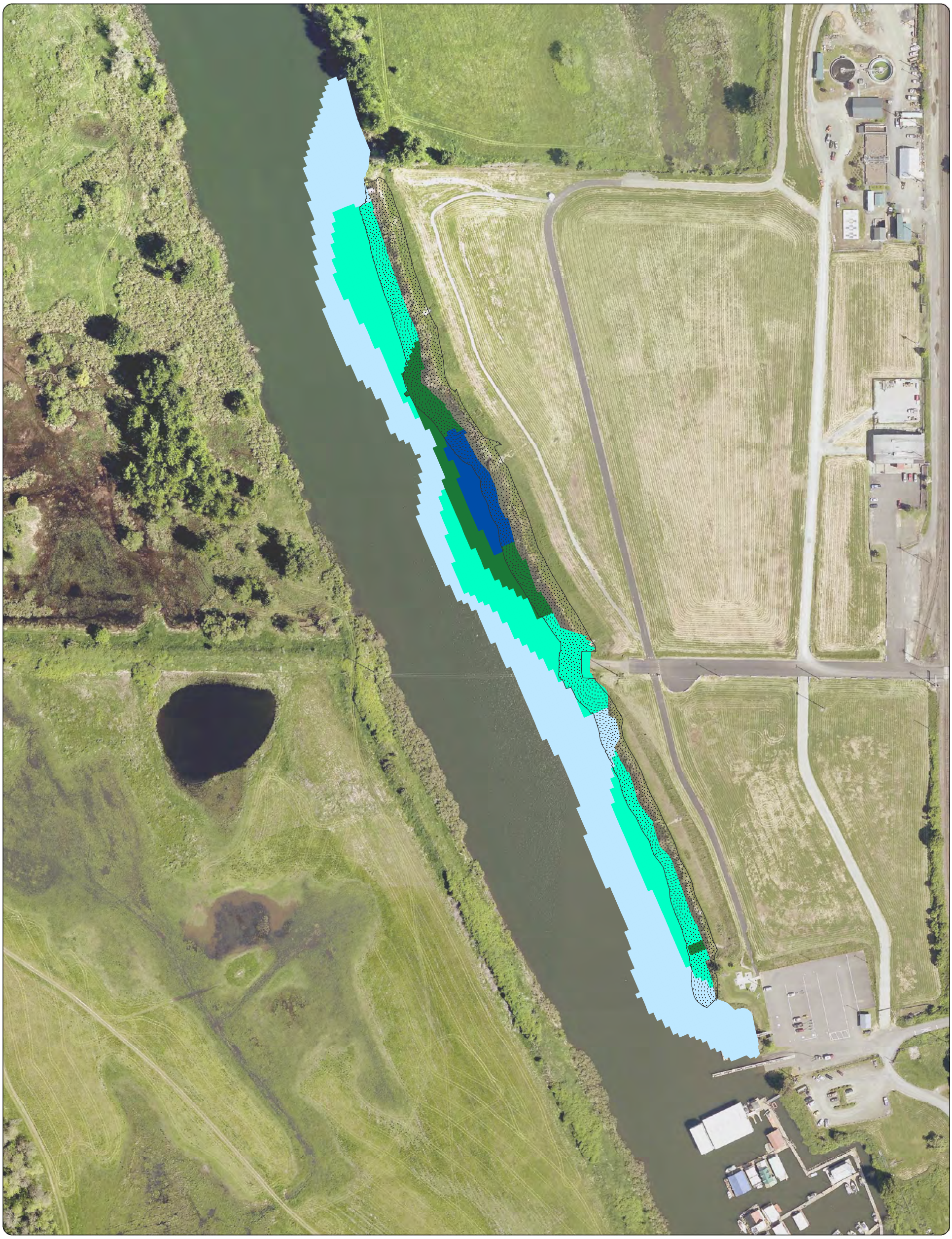
Figure 1-1
Site Location

Former PWT Site
Ridgefield, Washington

MAUL FOSTER ALONGI
p. 360 694 2691 | www.maulfoster.com

0 1,000 2,000
Feet

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig1_Site Location.mxd
Print Date: 6/29/2015
Approved By: P. Wiescher
Produced By: R. Callihan
Project: 9003.01.40



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

Notes:
1. PWT = Pacific Wood Treating Co.
2. ENR = Enhanced Natural Recovery.
3. Dredge depths denote neatline.
4. Dredged areas will also receive 1 foot of ENR treatment.
5. Analysis extent has been clipped to the bank-sediment interface. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.

Legend

Fish Mix

Remedial Action Areas

ENR Only | 1-ft Dredge | 2-ft Dredge | 3-ft Dredge

Figure 1-2
Lake River Remedy Area

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig2_Lake River Remedy Area.mxd
Print Date: 11/10/2017
Approved By: mnovak
Produced By: rroberts
Project: 9003.01.40/06

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

Notes:
1. PWT = Pacifc Wood Treating Co.
2. ISM = incremental sampling methodology.
3. Bankward sample locations extent was clipped to the extent of fish mix plus 5 feet riverward.

Legend

- ISM Sample Location (A)
- ISM Sample Location (B)
- ISM Sample Location (C)
- ISM Sample Boundary
- Fish Mix

Figure 3-1
Sample Locations

Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\0\40\Projects\06\Lake River SAP\Fig3_Sample Results.mxd
Print Date: 6/29/2015
Approved By: mnovak
Produced By: rroberts
Project: 9003.01.40/06

APPENDIX A

PHOTO ARRAY

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 1

Description
Representative core from ISM sample A. Fines present at top of core, transitioning to fine/coarse sand, and to sandy silt at lower depths. Top of mudline on right side of sample. September 25, 2017.

Photo No. 2

Description
Exposed sediment bed during low tide—middle remedy area near shore. Depositional fines on fine/coarse sand or fine/coarse sand observed. September 25, 2017.

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 3

Description
Exposed sediment bed during low tide—south remedy area near shore. Depositional fines on fine/coarse sand observed. September 25, 2017.

Photo No. 4

Description
Representative Van Veen sample. Depositional fines present at top, transitioning to fine/coarse sand. September 25, 2017.

APPENDIX A—PHOTO ARRAY

Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 5

Description
Lake River bank, looking north. September 27, 2017.

Photo No. 6

Description
Representative core from ISM sample C. Fine/coarse sand transitioning to sandy silt at lower depths. Top of mudline on right side of sample. September 27, 2017.

APPENDIX B

ANALYTICAL REPORTS

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Friday, November 3, 2017

Phil Wiescher
Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

RE: Port of Ridgefield ISM / Lake River/9003.01.40

Enclosed are the results of analyses for work order A7J0037, which was received by the laboratory on 9/29/2017 at 11:01:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ISM-A-170925-After Processing	A7J0037-02	Sediment	09/25/17 16:15	09/29/17 11:01
ISM-B-170926-After Processing	A7J0037-04	Sediment	09/26/17 15:30	09/29/17 11:01
ISM-C-170927-After Processing	A7J0037-06	Sediment	09/27/17 15:00	09/29/17 11:01

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

ANALYTICAL SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
ISM-A-170925-After Processing (A7J0037-02)			**Matrix: Sediment**					
Batch: 7100505								
Total Organic Carbon	**3800**	---	200	mg/kg	1	10/06/17 15:15	PSEP/SM 5310B MOD	
ISM-B-170926-After Processing (A7J0037-04)			**Matrix: Sediment**					
Batch: 7100505								
Total Organic Carbon	**6200**	---	200	mg/kg	1	10/06/17 15:15	PSEP/SM 5310B MOD	
ISM-C-170927-After Processing (A7J0037-06)			**Matrix: Sediment**					
Batch: 7100505								
Total Organic Carbon	**4900**	---	200	mg/kg	1	10/06/17 15:15	PSEP/SM 5310B MOD	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
ISM-A-170925-After Processing (A7J0037-02)			**Matrix: Sediment**		**Batch: 7100504**			
% Solids	**99.2**	---	1.00	% by Weight	1	10/06/17 07:35	EPA 8000C	
ISM-B-170926-After Processing (A7J0037-04)			**Matrix: Sediment**		**Batch: 7100504**			
% Solids	**98.8**	---	1.00	% by Weight	1	10/06/17 07:35	EPA 8000C	
ISM-C-170927-After Processing (A7J0037-06)			**Matrix: Sediment**		**Batch: 7100504**			
% Solids	**98.7**	---	1.00	% by Weight	1	10/06/17 07:35	EPA 8000C	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

QUALITY CONTROL (QC) SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7100505 - PSEP TOC							Soil					
Blank (7100505-BLK1)					Prepared: 10/05/17 16:00		Analyzed: 10/06/17 15:15					
PSEP/SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg	1	---	---	---	---	---	---	
Blank (7100505-BLK2)					Prepared: 10/05/17 16:00		Analyzed: 10/06/17 15:15					
PSEP/SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg	1	---	---	---	---	---	---	A-01
LCS (7100505-BS1)					Prepared: 10/05/17 16:00		Analyzed: 10/06/17 15:15					
PSEP/SM 5310B MOD												
Total Organic Carbon	9700	---		mg/kg	1	10000	---	97	85-115	---	---	
Duplicate (7100505-DUP1)					Prepared: 10/05/17 16:00		Analyzed: 10/06/17 15:15					
QC Source Sample: ISM-A-170925-After Processing (A7J0037-02)												
PSEP/SM 5310B MOD												
Total Organic Carbon	**3800**	---	200	mg/kg	1	---	3800	---	---	2	20%	

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7100504 - Total Solids (Dry Weight)							**Soil**					
Duplicate (7100504-DUP1)					Prepared: 10/05/17 15:44		Analyzed: 10/06/17 07:35					
QC Source Sample: Other (A7J0020-01)												
EPA 8000C												
% Solids	**81.6**	---	1.00	% by Weight	1	---	81.8	---	---	0.3	10%	
Duplicate (7100504-DUP2)					Prepared: 10/05/17 17:40		Analyzed: 10/06/17 07:35					
QC Source Sample: Other (A7J0142-06)												
EPA 8000C												
% Solids	**73.0**	---	1.00	% by Weight	1	---	73.7	---	---	0.9	10%	
Duplicate (7100504-DUP3)					Prepared: 10/05/17 18:55		Analyzed: 10/06/17 07:35					
QC Source Sample: Other (A7J0147-01)												
EPA 8000C												
% Solids	**80.8**	---	1.00	% by Weight	1	---	81.1	---	---	0.5	10%	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

SAMPLE PREPARATION INFORMATION

Conventional Chemistry Parameters

Prep: PSEP TOC

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7100505							
A7J0037-02	Sediment	PSEP/SM 5310B MOD	09/25/17 16:15	10/05/17 16:00	5g/5g	5g/5g	NA
A7J0037-04	Sediment	PSEP/SM 5310B MOD	09/26/17 15:30	10/05/17 16:00	5g/5g	5g/5g	NA
A7J0037-06	Sediment	PSEP/SM 5310B MOD	09/27/17 15:00	10/05/17 16:00	5g/5g	5g/5g	NA

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7100504							
A7J0037-02	Sediment	EPA 8000C	09/25/17 16:15	10/05/17 15:44	1N/A/1N/A	1N/A/1N/A	NA
A7J0037-04	Sediment	EPA 8000C	09/26/17 15:30	10/05/17 15:44	1N/A/1N/A	1N/A/1N/A	NA
A7J0037-06	Sediment	EPA 8000C	09/27/17 15:00	10/05/17 15:44	1N/A/1N/A	1N/A/1N/A	NA

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

Notes and Definitions

Qualifiers:

A-01	Puck mill grind blank

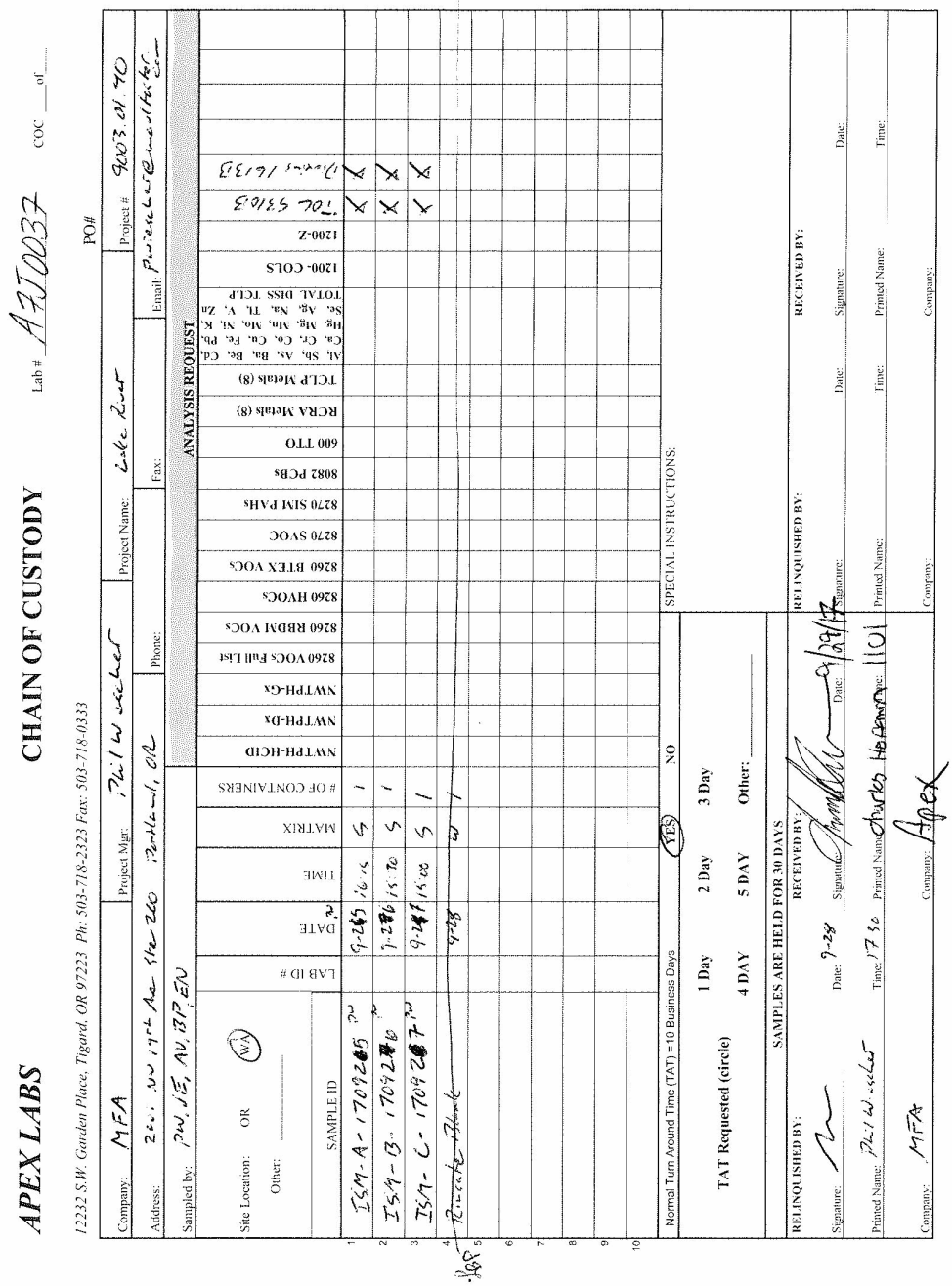
Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry'designation are not dry weight corrected.
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
Blank Policy	Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses. For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor. Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.
---	QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
***	Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28



Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Maul Foster & Alongi, INC.	Project: **Port of Ridgefield ISM**	
2001 NW 19th Ave, STE 200	Project Number: Lake River/9003.01.40	**Reported:**
Portland, OR 97209	Project Manager: Phil Wiescher	11/03/17 12:28

APEX LABS COOLER RECEIPT FORM

Client: MFA Element WO#: A7 J0037

Project/Project #: Lake River 9003.01.40

Delivery info:

Date/Time Received: 9/29/17 @ 1101 By: CFH

Delivered by: Apex X Client ESS FedEx UPS Swift Senvoy SDS Other

Cooler Inspection Inspected by: CFH : 9/29/17 @ 1151

Chain of Custody Included? Yes X No Custody Seals? Yes No

Signed/Dated by Client? Yes X No

Signed/Dated by Apex? Yes X No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)							
Received on Ice? (Y/N)							
Temp. Blanks? (Y/N)	1.7						
Ice Type: (Gel/Real/Other)							
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA

Samples Inspection: Inspected by: MM 10/3 9X 10/3/17 @ 8.22

All Samples Intact? Yes X No Comments:

Bottle Labels/COCs agree? Yes X No Comments: No T on Lonts.

Containers/Volumes Received Appropriate for Analysis? Yes X No Comments:

Do VOA Vials have Visible Headspace? Yes No NA X

Comments

Water Samples: pH Checked and Appropriate (except VOAs): Yes No NA X

Comments:

Additional Information:

Labeled by: MM Witness: DY Cooler Inspected by: N/A See Project Contact Form: Y

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CFA | Cape Fear Analytical LLC
an affiliate of The GEL Group INC

3306 Kitty Hawk Road, Suite 120 Wilmington, NC 28405
P 910.795.0421
www.capefearanalytical.com

November 01, 2017

Mr. Philip Nerenberg
Apex Laboratories
12232 S.W. Garden Place
Portland, Oregon 97223

Re: POR DXN
Work Order: 11460
SDG: A7J0037

Dear Mr. Nerenberg:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on October 11, 2017. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421.

Sincerely,

Cynde Larkins

Cynde Larkins
Project Manager

Enclosures

SUBCONTRACT ORDER

Apex Laboratories

A7J0037

CFA WO #114600

SENDING LABORATORY:

Apex Laboratories
12232 S.W. Garden Place
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 718-0333
Project Manager: Philip Nerenberg

RECEIVING LABORATORY:

Cape Fear Analytical, LLC
3306 Kitty Hawk Rd Suite 120
Wilmington, NC 28405
Phone :(910) 795-0421
Fax: -

Sample Name: ISM-A-170925-After Processing **Sedimen** **Sampled: 09/25/17 16:15** (A7J0037-02)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	10/12/17 17:00	03/24/18 16:15	Low Level Standard Required, Use Containers ~~A, B, C, D,~~ G H I J, Use full volume

Containers Supplied:
(A)40 mL VOA - Non Preserved
(B)40 mL VOA - Non Preserved
(C)40 mL VOA - Non Preserved
(D)40 mL VOA - Non Preserved
(G)40 mL VOA - Non Preserved
(H)40 mL VOA - Non Preserved
(I)40 mL VOA - Non Preserved
(J)40 mL VOA - Non Preserved

Already Received

Sample Name: ISM-B-170926-After Processing **Sedimen** **Sampled: 09/26/17 15:30** (A7J0037-04)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	10/12/17 17:00	03/25/18 15:30	Low Level Standard Required, Use Containers ~~A, B, C, D,~~ G H I J, Use full volume

Containers Supplied:
(A)40 mL VOA - Non Preserved
(B)40 mL VOA - Non Preserved
(C)40 mL VOA - Non Preserved
(D)40 mL VOA - Non Preserved
(G)40 mL VOA - Non Preserved
(H)40 mL VOA - Non Preserved
(I)40 mL VOA - Non Preserved
(J)40 mL VOA - Non Preserved

Already Received

Standard TAT

Released By	Date	Received By	Date
	10/10/17	Fed Ex (Shipper)	
Fed Ex (Shipper)	11OCT17	Cynde Larkins	11OCT17 @ 0945

temp. = 4.0°c

SUBCONTRACT ORDER

Apex Laboratories

A7J0037

CFA WO# 11460

Sample Name: ISM-C-170927-After Processing **Sedimen** **Sampled: 09/27/17 15:00** (A7J0037-06)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	10/12/17 17:00	03/26/18 15:00	Low Level Standard Required, Use Containers ~~A~~, ~~B~~, ~~C~~, ~~D~~, Use full volume H I J b

Containers Supplied:

(A)40 mL VOA - Non Preserved
(B)40 mL VOA - Non Preserved
(C)40 mL VOA - Non Preserved
(D)40 mL VOA - Non Preserved
(G)40 mL VOA - Non Preserved
(H)40 mL VOA - Non Preserved
(I)40 mL VOA - Non Preserved
(J)40 mL VOA - Non Preserved

Already Received

Released By	Date	Received By	Date
[signature]	10/10/17	Fed Ex (Shipper)	
Fed Ex (Shipper)	11OCT17	Cynde Larkins	11OCT17 @ 0945

temp. = 4.0°C

SAMPLE RECEIPT CHECKLIST

Cape Fear Analytical

Client: APEX	Work Order: 11460
Shipping Company: FedEx	Date/Time Received: 11OCT17 0945

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			✓
Samples identified as Foreign Soil?			✓

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?		✓	
Samples < 2x background?		✓	

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			✓

Air Witness: _____

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other(describe)
2	Chain of Custody documents included with shipment?	✓			
3	Samples requiring cold preservation within 0-6°C?	✓			Preservation Method: (ice bags) blue ice dry ice none other (describe) 4.6° − 0.6 = 4.0°C
4	Aqueous samples found to have visible solids?		✓		Sample IDs, containers affected:
5	Samples requiring chemical preservation at proper pH?		✓		Sample IDs, containers affected and pH observed: If preservative added, Lot#:
6	Samples requiring preservation have no residual chlorine?		✓		Sample IDs, containers affected: If preservative added, Lot#:
7	Samples received within holding time?	✓			Sample IDs, tests affected:
8	Sample IDs on COC match IDs on containers?	✓			Sample IDs, containers affected:
9	Date & time of COC match date & time on containers?	✓			Sample IDs, containers affected:
10	Number of containers received match number indicated on COC?	✓			List type and number of containers / Sample IDs, containers affected: 4 - 4mL vials per sample
11	COC form is properly signed in relinquished/received sections?	✓			

Comments:

Replacement samples for original shipment received out-of-temp.
Temp blank present (clear glass).

Checklist performed by: Initials: CJ Date: 11OCT17

CF-UD-F-7

High Resolution Dioxins and Furans Analysis

Case Narrative

HDOX Case Narrative
Apex Laboratories (APEX)
SDG A7J0037
Work Order 11460

Method/Analysis Information

Product:	**Dioxins/Furans by EPA Method 1613B in Solids**
Analytical Method:	EPA Method 1613B
Extraction Method:	SW846 3540C
Analytical Batch Number:	35994
Clean Up Batch Number:	35992
Extraction Batch Number:	35991

Sample Analysis

The following samples were analyzed using the analytical protocol as established in Method 1613B:

Sample ID	Client ID
11460001	ISM-A-170925-After Processing
11460002	ISM-B-170926-After Processing
11460003	ISM-C-170927-After Processing
12019847	Method Blank (MB)
12019848	Laboratory Control Sample (LCS)
12019849	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 14.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A matrix spike and matrix spike duplicate analysis was not required for this SDG.

Technical Information

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
The EDLs for the tetra-dioxins and tetra-furans were slightly above the PQL based on the additional low calibration point. 11460001 (ISM-A-170925-After Processing) and 11460002 (ISM-B-170926-After Processing)- Batch 35994.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation
A NCR was not required for this SDG.

Manual Integrations
Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

Sample preparation
No difficulties were encountered during sample preparation.

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report
for

APEX001 Apex Laboratories

Client SDG: A7J0037 CFA Work Order: 11460

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

J Value is estimated

K Estimated Maximum Possible Concentration

U Analyte was analyzed for, but not detected above the specified detection limit.

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature: Heather Patterson **Name: Heather Patterson**

Date: 01 NOV 2017 **Title: Group Leader**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460001**	**Date Collected:**	**09/25/2017 16:15**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**.9**
Client ID:	**ISM-A-170925-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 20:15**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_4-4**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.523	pg/g	0.523	0.467
40321-76-4	1,2,3,7,8-PeCDD	U	0.284	pg/g	0.284	2.33
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.746	pg/g	0.746	2.33
57653-85-7	1,2,3,6,7,8-HxCDD	J	1.45	pg/g	0.592	2.33
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.676	pg/g	0.676	2.33
35822-46-9	1,2,3,4,6,7,8-HpCDD		30.7	pg/g	1.64	2.33
3268-87-9	1,2,3,4,6,7,8,9-OCDD		298	pg/g	4.37	4.67
51207-31-9	2,3,7,8-TCDF	U	0.502	pg/g	0.502	0.467
57117-41-6	1,2,3,7,8-PeCDF	U	0.42	pg/g	0.420	2.33
57117-31-4	2,3,4,7,8-PeCDF	JK	0.414	pg/g	0.364	2.33
70648-26-9	1,2,3,4,7,8-HxCDF	J	1.07	pg/g	0.603	2.33
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.541	pg/g	0.541	2.33
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.586	pg/g	0.586	2.33
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.963	pg/g	0.963	2.33
67562-39-4	1,2,3,4,6,7,8-HpCDF		4.89	pg/g	0.720	2.33
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	1.22	pg/g	1.22	2.33
39001-02-0	1,2,3,4,6,7,8,9-OCDF		8.34	pg/g	1.58	4.67
41903-57-5	Total TeCDD	U	0.523	pg/g	0.523	0.933
36088-22-9	Total PeCDD	U	0.284	pg/g	0.284	4.67
34465-46-8	Total HxCDD		5.85	pg/g	0.592	4.67
37871-00-4	Total HpCDD		61.9	pg/g	1.64	4.67
30402-14-3	Total TeCDF	U	0.502	pg/g	0.502	0.933
30402-15-4	Total PeCDF	JK	2.65	pg/g	0.135	4.67
55684-94-1	Total HxCDF	K	9.93	pg/g	0.541	4.67
38998-75-3	Total HpCDF		15.0	pg/g	0.720	4.67
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.825	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		1.44	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		139	187	pg/g	74.7	(25%-164%)
13C-1,2,3,7,8-PeCDD		165	187	pg/g	88.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		141	187	pg/g	75.3	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		166	187	pg/g	89.2	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		138	187	pg/g	74.0	(23%-140%)
13C-OCDD		260	373	pg/g	69.6	(17%-157%)
13C-2,3,7,8-TCDF		130	187	pg/g	69.4	(24%-169%)
13C-1,2,3,7,8-PeCDF		159	187	pg/g	85.0	(24%-185%)
13C-2,3,4,7,8-PeCDF		165	187	pg/g	88.2	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		136	187	pg/g	72.7	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		155	187	pg/g	82.8	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		146	187	pg/g	78.1	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		134	187	pg/g	72.0	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460001**	**Date Collected:**	**09/25/2017 16:15**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**.9**
Client ID:	**ISM-A-170925-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 20:15**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_4-4**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		143	187	pg/g	76.5	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		129	187	pg/g	69.0	(26%-138%)
37Cl-2,3,7,8-TCDD		13.8	18.7	pg/g	74.0	(35%-197%)

Comments:

J Value is estimated

K Estimated Maximum Possible Concentration

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460002**	**Date Collected:**	**09/26/2017 15:30**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**1.1**
Client ID:	**ISM-B-170926-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 04:21**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_2-9**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.72 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.566	pg/g	0.566	0.472
40321-76-4	1,2,3,7,8-PeCDD	J	0.404	pg/g	0.175	2.36
39227-28-6	1,2,3,4,7,8-HxCDD	J	1.33	pg/g	0.576	2.36
57653-85-7	1,2,3,6,7,8-HxCDD		7.26	pg/g	0.593	2.36
19408-74-3	1,2,3,7,8,9-HxCDD	J	2.33	pg/g	0.598	2.36
35822-46-9	1,2,3,4,6,7,8-HpCDD		248	pg/g	1.87	2.36
3268-87-9	1,2,3,4,6,7,8,9-OCDD		2570	pg/g	2.94	4.72
51207-31-9	2,3,7,8-TCDF	U	0.532	pg/g	0.532	0.472
57117-41-6	1,2,3,7,8-PeCDF	JK	0.428	pg/g	0.186	2.36
57117-31-4	2,3,4,7,8-PeCDF	J	2.04	pg/g	0.167	2.36
70648-26-9	1,2,3,4,7,8-HxCDF		4.82	pg/g	0.355	2.36
57117-44-9	1,2,3,6,7,8-HxCDF	J	1.71	pg/g	0.366	2.36
60851-34-5	2,3,4,6,7,8-HxCDF	J	1.95	pg/g	0.383	2.36
72918-21-9	1,2,3,7,8,9-HxCDF	J	1.33	pg/g	0.519	2.36
67562-39-4	1,2,3,4,6,7,8-HpCDF		32.0	pg/g	0.485	2.36
55673-89-7	1,2,3,4,7,8,9-HpCDF	J	2.25	pg/g	0.732	2.36
39001-02-0	1,2,3,4,6,7,8,9-OCDF		52.9	pg/g	0.827	4.72
41903-57-5	Total TeCDD		9.24	pg/g	0.566	0.944
36088-22-9	Total PeCDD	K	14.7	pg/g	0.175	4.72
34465-46-8	Total HxCDD	K	62.6	pg/g	0.576	4.72
37871-00-4	Total HpCDD		466	pg/g	1.87	4.72
30402-14-3	Total TeCDF	K	17.0	pg/g	0.532	0.944
30402-15-4	Total PeCDF	K	28.9	pg/g	0.0655	4.72
55684-94-1	Total HxCDF		75.0	pg/g	0.355	4.72
38998-75-3	Total HpCDF		105	pg/g	0.485	4.72
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		6.71	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		7.02	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		139	189	pg/g	73.6	(25%-164%)
13C-1,2,3,7,8-PeCDD		174	189	pg/g	92.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		158	189	pg/g	83.5	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		159	189	pg/g	84.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		161	189	pg/g	85.4	(23%-140%)
13C-OCDD		331	377	pg/g	87.8	(17%-157%)
13C-2,3,7,8-TCDF		131	189	pg/g	69.2	(24%-169%)
13C-1,2,3,7,8-PeCDF		170	189	pg/g	90.0	(24%-185%)
13C-2,3,4,7,8-PeCDF		170	189	pg/g	90.2	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		148	189	pg/g	78.4	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		149	189	pg/g	79.2	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		153	189	pg/g	80.9	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		151	189	pg/g	80.1	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460002**	**Date Collected:**	**09/26/2017 15:30**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**1.1**
Client ID:	**ISM-B-170926-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 04:21**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_2-9**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.72 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		147	189	pg/g	77.8	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		149	189	pg/g	78.8	(26%-138%)
37Cl-2,3,7,8-TCDD		14.4	18.9	pg/g	76.3	(35%-197%)

Comments:

J Value is estimated

K Estimated Maximum Possible Concentration

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460003**	**Date Collected:**	**09/27/2017 15:00**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**1**
Client ID:	**ISM-C-170927-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 05:08**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_2-10**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.79 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.33	pg/g	0.330	0.468
40321-76-4	1,2,3,7,8-PeCDD	U	0.244	pg/g	0.244	2.34
39227-28-6	1,2,3,4,7,8-HxCDD	J	0.506	pg/g	0.390	2.34
57653-85-7	1,2,3,6,7,8-HxCDD		2.95	pg/g	0.371	2.34
19408-74-3	1,2,3,7,8,9-HxCDD	JK	0.899	pg/g	0.390	2.34
35822-46-9	1,2,3,4,6,7,8-HpCDD		77.5	pg/g	0.888	2.34
3268-87-9	1,2,3,4,6,7,8,9-OCDD		864	pg/g	2.88	4.68
51207-31-9	2,3,7,8-TCDF	U	0.365	pg/g	0.365	0.468
57117-41-6	1,2,3,7,8-PeCDF	J	0.425	pg/g	0.242	2.34
57117-31-4	2,3,4,7,8-PeCDF	JK	0.672	pg/g	0.204	2.34
70648-26-9	1,2,3,4,7,8-HxCDF	J	1.37	pg/g	0.341	2.34
57117-44-9	1,2,3,6,7,8-HxCDF	JK	0.620	pg/g	0.360	2.34
60851-34-5	2,3,4,6,7,8-HxCDF	JK	0.759	pg/g	0.380	2.34
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.53	pg/g	0.530	2.34
67562-39-4	1,2,3,4,6,7,8-HpCDF		9.38	pg/g	0.277	2.34
55673-89-7	1,2,3,4,7,8,9-HpCDF	J	0.819	pg/g	0.423	2.34
39001-02-0	1,2,3,4,6,7,8,9-OCDF		27.1	pg/g	0.541	4.68
41903-57-5	Total TeCDD	U	0.33	pg/g	0.330	0.937
36088-22-9	Total PeCDD	JK	2.07	pg/g	0.244	4.68
34465-46-8	Total HxCDD	K	17.0	pg/g	0.371	4.68
37871-00-4	Total HpCDD		150	pg/g	0.888	4.68
30402-14-3	Total TeCDF	U	0.365	pg/g	0.365	0.937
30402-15-4	Total PeCDF	K	6.38	pg/g	0.056	4.68
55684-94-1	Total HxCDF	K	18.9	pg/g	0.341	4.68
38998-75-3	Total HpCDF		30.5	pg/g	0.277	4.68
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		2.07	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		2.40	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		134	187	pg/g	71.6	(25%-164%)
13C-1,2,3,7,8-PeCDD		156	187	pg/g	83.4	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		138	187	pg/g	73.5	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		152	187	pg/g	81.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		151	187	pg/g	80.6	(23%-140%)
13C-OCDD		298	375	pg/g	79.5	(17%-157%)
13C-2,3,7,8-TCDF		124	187	pg/g	66.1	(24%-169%)
13C-1,2,3,7,8-PeCDF		154	187	pg/g	82.5	(24%-185%)
13C-2,3,4,7,8-PeCDF		159	187	pg/g	84.9	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		137	187	pg/g	73.2	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		136	187	pg/g	72.4	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		137	187	pg/g	73.2	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		138	187	pg/g	73.8	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**11460003**	**Date Collected:**	**09/27/2017 15:00**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**10/11/2017 09:45**	**%Moisture:**	**1**
Client ID:	**ISM-C-170927-After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 05:08**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_2-10**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10.79 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		143	187	pg/g	76.1	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		143	187	pg/g	76.1	(26%-138%)
37Cl-2,3,7,8-TCDD		15.0	18.7	pg/g	79.9	(35%-197%)

Comments:

J **Value is estimated**

K **Estimated Maximum Possible Concentration**

U **Analyte was analyzed for, but not detected above the specified detection limit.**

Quality Control Summary

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A7J0037

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
11460002	ISM-B-170926-After Processing	13C-2,3,7,8-TCDD		73.6	(25%-164%)
		13C-1,2,3,7,8-PeCDD		92.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		83.5	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		84.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		85.4	(23%-140%)
		13C-OCDD		87.8	(17%-157%)
		13C-2,3,7,8-TCDF		69.2	(24%-169%)
		13C-1,2,3,7,8-PeCDF		90.0	(24%-185%)
		13C-2,3,4,7,8-PeCDF		90.2	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		78.4	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		79.2	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		80.9	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		80.1	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		77.8	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		78.8	(26%-138%)
		37Cl-2,3,7,8-TCDD		76.3	(35%-197%)
11460003	ISM-C-170927-After Processing	13C-2,3,7,8-TCDD		71.6	(25%-164%)
		13C-1,2,3,7,8-PeCDD		83.4	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		73.5	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		81.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		80.6	(23%-140%)
		13C-OCDD		79.5	(17%-157%)
		13C-2,3,7,8-TCDF		66.1	(24%-169%)
		13C-1,2,3,7,8-PeCDF		82.5	(24%-185%)
		13C-2,3,4,7,8-PeCDF		84.9	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		73.2	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		72.4	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		73.2	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		73.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		76.1	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		76.1	(26%-138%)
		37Cl-2,3,7,8-TCDD		79.9	(35%-197%)
12019848	LCS for batch 35991	13C-2,3,7,8-TCDD		80.3	(20%-175%)
		13C-1,2,3,7,8-PeCDD		92.4	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		79.0	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		88.4	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		83.3	(22%-166%)
		13C-OCDD		78.5	(13%-199%)
		13C-2,3,7,8-TCDF		76.3	(22%-152%)
		13C-1,2,3,7,8-PeCDF		90.9	(21%-192%)
		13C-2,3,4,7,8-PeCDF		92.6	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		79.1	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		79.9	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		81.0	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		83.5	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		81.9	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		80.8	(20%-186%)
		37Cl-2,3,7,8-TCDD		89.8	(31%-191%)
12019849	LCSD for batch 35991	13C-2,3,7,8-TCDD		73.5	(20%-175%)

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A7J0037

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12019849	LCSD for batch 35991	13C-1,2,3,7,8-PeCDD		86.0	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		77.1	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		81.9	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		77.5	(22%-166%)
		13C-OCDD		72.5	(13%-199%)
		13C-2,3,7,8-TCDF		69.2	(22%-152%)
		13C-1,2,3,7,8-PeCDF		86.3	(21%-192%)
		13C-2,3,4,7,8-PeCDF		86.4	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		74.6	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		74.5	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		76.2	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		74.9	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		73.8	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		72.6	(20%-186%)
		37Cl-2,3,7,8-TCDD		84.0	(31%-191%)
12019847	MB for batch 35991	13C-2,3,7,8-TCDD		74.8	(25%-164%)
		13C-1,2,3,7,8-PeCDD		84.7	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		73.9	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		82.6	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		77.2	(23%-140%)
		13C-OCDD		72.5	(17%-157%)
		13C-2,3,7,8-TCDF		69.7	(24%-169%)
		13C-1,2,3,7,8-PeCDF		85.4	(24%-185%)
		13C-2,3,4,7,8-PeCDF		86.2	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		72.7	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		73.3	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		74.8	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		73.5	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		74.5	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		71.8	(26%-138%)
		37Cl-2,3,7,8-TCDD		82.5	(35%-197%)
11460001	ISM-A-170925-After Processing	13C-2,3,7,8-TCDD		74.7	(25%-164%)
		13C-1,2,3,7,8-PeCDD		88.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		75.3	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		89.2	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		74.0	(23%-140%)
		13C-OCDD		69.6	(17%-157%)
		13C-2,3,7,8-TCDF		69.4	(24%-169%)
		13C-1,2,3,7,8-PeCDF		85.0	(24%-185%)
		13C-2,3,4,7,8-PeCDF		88.2	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		72.7	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		82.8	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		78.1	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		72.0	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		76.5	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		69.0	(26%-138%)
		37Cl-2,3,7,8-TCDD		74.0	(35%-197%)

* Recovery outside Acceptance Limits

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A7J0037

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A7J0037 **Sample Type:** Laboratory Control Sample

Client ID: LCS for batch 35991 **Matrix:** SOIL

Lab Sample ID: 12019848

Instrument: HRP750 **Analysis Date:** 10/27/2017 06:50 **Dilution:** 1

Analyst: MJC **Prep Batch ID:** 35991

Batch ID: 35994

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	20.0	21.9	110	67-158
40321-76-4	LCS	1,2,3,7,8-PeCDD	100	101	101	70-142
39227-28-6	LCS	1,2,3,4,7,8-HxCDD	100	101	101	70-164
57653-85-7	LCS	1,2,3,6,7,8-HxCDD	100	105	105	76-134
19408-74-3	LCS	1,2,3,7,8,9-HxCDD	100	102	102	64-162
35822-46-9	LCS	1,2,3,4,6,7,8-HpCDD	100	99.5	99.5	70-140
3268-87-9	LCS	1,2,3,4,6,7,8,9-OCDD	200	205	103	78-144
51207-31-9	LCS	2,3,7,8-TCDF	20.0	19.8	99.2	75-158
57117-41-6	LCS	1,2,3,7,8-PeCDF	100	101	101	80-134
57117-31-4	LCS	2,3,4,7,8-PeCDF	100	101	101	68-160
70648-26-9	LCS	1,2,3,4,7,8-HxCDF	100	106	106	72-134
57117-44-9	LCS	1,2,3,6,7,8-HxCDF	100	111	111	84-130
60851-34-5	LCS	2,3,4,6,7,8-HxCDF	100	108	108	70-156
72918-21-9	LCS	1,2,3,7,8,9-HxCDF	100	101	101	78-130
67562-39-4	LCS	1,2,3,4,6,7,8-HpCDF	100	99.3	99.3	82-122
55673-89-7	LCS	1,2,3,4,7,8,9-HpCDF	100	101	101	78-138
39001-02-0	LCS	1,2,3,4,6,7,8,9-OCDF	200	210	105	63-170

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A7J0037 **Sample Type:** Laboratory Control Sample Duplicate

Client ID: LCSD for batch 35991 **Matrix:** SOIL

Lab Sample ID: 12019849

Instrument: HRP750 **Analysis Date:** 10/27/2017 07:36 **Dilution:** 1

Analyst: MJC **Prep Batch ID:** 35991

Batch ID: 35994

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	20.0	20.0	99.8	67-158	9.37	0-20
40321-76-4	LCSD	1,2,3,7,8-PeCDD	100	101	101	70-142	0.121	0-20
39227-28-6	LCSD	1,2,3,4,7,8-HxCDD	100	102	102	70-164	0.850	0-20
57653-85-7	LCSD	1,2,3,6,7,8-HxCDD	100	95.6	95.6	76-134	9.09	0-20
19408-74-3	LCSD	1,2,3,7,8,9-HxCDD	100	99.2	99.2	64-162	3.09	0-20
35822-46-9	LCSD	1,2,3,4,6,7,8-HpCDD	100	97.6	97.6	70-140	1.99	0-20
3268-87-9	LCSD	1,2,3,4,6,7,8,9-OCDD	200	196	98	78-144	4.53	0-20
51207-31-9	LCSD	2,3,7,8-TCDF	20.0	19.3	96.4	75-158	2.83	0-20
57117-41-6	LCSD	1,2,3,7,8-PeCDF	100	97.0	97	80-134	4.36	0-20
57117-31-4	LCSD	2,3,4,7,8-PeCDF	100	97.8	97.8	68-160	3.42	0-20
70648-26-9	LCSD	1,2,3,4,7,8-HxCDF	100	99.5	99.5	72-134	6.80	0-20
57117-44-9	LCSD	1,2,3,6,7,8-HxCDF	100	104	104	84-130	6.45	0-20
60851-34-5	LCSD	2,3,4,6,7,8-HxCDF	100	100	100	70-156	7.19	0-20
72918-21-9	LCSD	1,2,3,7,8,9-HxCDF	100	99.4	99.4	78-130	1.22	0-20
67562-39-4	LCSD	1,2,3,4,6,7,8-HpCDF	100	100	100	82-122	0.978	0-20
55673-89-7	LCSD	1,2,3,4,7,8,9-HpCDF	100	97.9	97.9	78-138	3.04	0-20
39001-02-0	LCSD	1,2,3,4,6,7,8,9-OCDF	200	206	103	63-170	2.19	0-20

Method Blank Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Matrix:**	**SOIL**
Client ID:	**MB for batch 35991**	**Instrument ID:**	**HRP750**	**Data File:**	**A26OCT17E_3-3**
Lab Sample ID:	**12019847**	**Prep Date:**	**23-OCT-17**	**Analyzed:**	**10/27/17 08:23**
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	ISM-B-170926-After Processing	11460002	A26OCT17E_2-9	10/27/17	0421
02	ISM-C-170927-After Processing	11460003	A26OCT17E_2-10	10/27/17	0508
03	LCS for batch 35991	12019848	A26OCT17E_3-1	10/27/17	0650
04	LCSD for batch 35991	12019849	A26OCT17E_3-2	10/27/17	0736
05	ISM-A-170925-After Processing	11460001	A26OCT17E_4-4	10/27/17	2015

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**12019847**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 35991**				
Client ID:	**MB for batch 35991**			**Prep Basis:**	**As Received**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 08:23**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_3-3**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.27	pg/g	0.270	0.500
40321-76-4	1,2,3,7,8-PeCDD	U	0.12	pg/g	0.120	2.50
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.167	pg/g	0.167	2.50
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.16	pg/g	0.160	2.50
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.167	pg/g	0.167	2.50
35822-46-9	1,2,3,4,6,7,8-HpCDD	JK	0.318	pg/g	0.216	2.50
3268-87-9	1,2,3,4,6,7,8,9-OCDD	J	2.75	pg/g	0.546	5.00
51207-31-9	2,3,7,8-TCDF	U	0.23	pg/g	0.230	0.500
57117-41-6	1,2,3,7,8-PeCDF	U	0.145	pg/g	0.145	2.50
57117-31-4	2,3,4,7,8-PeCDF	U	0.126	pg/g	0.126	2.50
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.121	pg/g	0.121	2.50
57117-44-9	1,2,3,6,7,8-HxCDF	JK	0.128	pg/g	0.126	2.50
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.132	pg/g	0.132	2.50
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.183	pg/g	0.183	2.50
67562-39-4	1,2,3,4,6,7,8-HpCDF	J	0.454	pg/g	0.226	2.50
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	0.346	pg/g	0.346	2.50
39001-02-0	1,2,3,4,6,7,8,9-OCDF	JK	0.586	pg/g	0.512	5.00
41903-57-5	Total TeCDD	U	0.27	pg/g	0.270	1.00
36088-22-9	Total PeCDD	U	0.12	pg/g	0.120	5.00
34465-46-8	Total HxCDD	U	0.16	pg/g	0.160	5.00
37871-00-4	Total HpCDD	JK	0.318	pg/g	0.216	5.00
30402-14-3	Total TeCDF	U	0.23	pg/g	0.230	1.00
30402-15-4	Total PeCDF	U	0.0664	pg/g	0.0664	5.00
55684-94-1	Total HxCDF	JK	0.128	pg/g	0.121	5.00
38998-75-3	Total HpCDF	J	0.454	pg/g	0.226	5.00
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.0215	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.297	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		150	200	pg/g	74.8	(25%-164%)
13C-1,2,3,7,8-PeCDD		169	200	pg/g	84.7	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		148	200	pg/g	73.9	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		165	200	pg/g	82.6	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		154	200	pg/g	77.2	(23%-140%)
13C-OCDD		290	400	pg/g	72.5	(17%-157%)
13C-2,3,7,8-TCDF		139	200	pg/g	69.7	(24%-169%)
13C-1,2,3,7,8-PeCDF		171	200	pg/g	85.4	(24%-185%)
13C-2,3,4,7,8-PeCDF		172	200	pg/g	86.2	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		145	200	pg/g	72.7	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		147	200	pg/g	73.3	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		150	200	pg/g	74.8	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		147	200	pg/g	73.5	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**12019847**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 35991**				
Client ID:	**MB for batch 35991**			**Prep Basis:**	**As Received**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 08:23**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_3-3**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		149	200	pg/g	74.5	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		144	200	pg/g	71.8	(26%-138%)
37Cl-2,3,7,8-TCDD		16.5	20.0	pg/g	82.5	(35%-197%)

Comments:

J **Value is estimated**

K **Estimated Maximum Possible Concentration**

U **Analyte was analyzed for, but not detected above the specified detection limit.**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**12019848**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 35991**				
Client ID:	**LCS for batch 35991**			**Prep Basis:**	**As Received**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 06:50**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_3-1**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		21.9	pg/g	0.312	0.500
40321-76-4	1,2,3,7,8-PeCDD		101	pg/g	0.410	2.50
39227-28-6	1,2,3,4,7,8-HxCDD		101	pg/g	0.674	2.50
57653-85-7	1,2,3,6,7,8-HxCDD		105	pg/g	0.666	2.50
19408-74-3	1,2,3,7,8,9-HxCDD		102	pg/g	0.686	2.50
35822-46-9	1,2,3,4,6,7,8-HpCDD		99.5	pg/g	0.866	2.50
3268-87-9	1,2,3,4,6,7,8,9-OCDD		205	pg/g	1.68	5.00
51207-31-9	2,3,7,8-TCDF		19.8	pg/g	0.240	0.500
57117-41-6	1,2,3,7,8-PeCDF		101	pg/g	0.396	2.50
57117-31-4	2,3,4,7,8-PeCDF		101	pg/g	0.342	2.50
70648-26-9	1,2,3,4,7,8-HxCDF		106	pg/g	0.956	2.50
57117-44-9	1,2,3,6,7,8-HxCDF		111	pg/g	0.910	2.50
60851-34-5	2,3,4,6,7,8-HxCDF		108	pg/g	0.962	2.50
72918-21-9	1,2,3,7,8,9-HxCDF		101	pg/g	1.30	2.50
67562-39-4	1,2,3,4,6,7,8-HpCDF		99.3	pg/g	0.742	2.50
55673-89-7	1,2,3,4,7,8,9-HpCDF		101	pg/g	1.15	2.50
39001-02-0	1,2,3,4,6,7,8,9-OCDF		210	pg/g	1.21	5.00

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		161	200	pg/g	80.3	(20%-175%)
13C-1,2,3,7,8-PeCDD		185	200	pg/g	92.4	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		158	200	pg/g	79.0	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		177	200	pg/g	88.4	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		167	200	pg/g	83.3	(22%-166%)
13C-OCDD		314	400	pg/g	78.5	(13%-199%)
13C-2,3,7,8-TCDF		153	200	pg/g	76.3	(22%-152%)
13C-1,2,3,7,8-PeCDF		182	200	pg/g	90.9	(21%-192%)
13C-2,3,4,7,8-PeCDF		185	200	pg/g	92.6	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		158	200	pg/g	79.1	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		160	200	pg/g	79.9	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		162	200	pg/g	81.0	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		167	200	pg/g	83.5	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		164	200	pg/g	81.9	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		162	200	pg/g	80.8	(20%-186%)
37Cl-2,3,7,8-TCDD		18.0	20.0	pg/g	89.8	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A7J0037**	**Client:**	**APEX001**	**Project:**	**APEX00117**
Lab Sample ID:	**12019849**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 35991**				
Client ID:	**LCSD for batch 35991**			**Prep Basis:**	**As Received**
Batch ID:	**35994**	**Method:**	**EPA Method 1613B**		
Run Date:	**10/27/2017 07:36**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A26OCT17E_3-2**			**Dilution:**	**1**
Prep Batch:	**35991**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**23-OCT-17**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		20.0	pg/g	0.516	0.500
40321-76-4	1,2,3,7,8-PeCDD		101	pg/g	0.290	2.50
39227-28-6	1,2,3,4,7,8-HxCDD		102	pg/g	0.978	2.50
57653-85-7	1,2,3,6,7,8-HxCDD		95.6	pg/g	0.868	2.50
19408-74-3	1,2,3,7,8,9-HxCDD		99.2	pg/g	0.942	2.50
35822-46-9	1,2,3,4,6,7,8-HpCDD		97.6	pg/g	1.13	2.50
3268-87-9	1,2,3,4,6,7,8,9-OCDD		196	pg/g	1.89	5.00
51207-31-9	2,3,7,8-TCDF		19.3	pg/g	0.412	0.500
57117-41-6	1,2,3,7,8-PeCDF		97.0	pg/g	0.410	2.50
57117-31-4	2,3,4,7,8-PeCDF		97.8	pg/g	0.344	2.50
70648-26-9	1,2,3,4,7,8-HxCDF		99.5	pg/g	1.05	2.50
57117-44-9	1,2,3,6,7,8-HxCDF		104	pg/g	1.05	2.50
60851-34-5	2,3,4,6,7,8-HxCDF		100	pg/g	1.07	2.50
72918-21-9	1,2,3,7,8,9-HxCDF		99.4	pg/g	1.59	2.50
67562-39-4	1,2,3,4,6,7,8-HpCDF		100	pg/g	0.760	2.50
55673-89-7	1,2,3,4,7,8,9-HpCDF		97.9	pg/g	1.15	2.50
39001-02-0	1,2,3,4,6,7,8,9-OCDF		206	pg/g	1.68	5.00

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		147	200	pg/g	73.5	(20%-175%)
13C-1,2,3,7,8-PeCDD		172	200	pg/g	86.0	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		154	200	pg/g	77.1	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		164	200	pg/g	81.9	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		155	200	pg/g	77.5	(22%-166%)
13C-OCDD		290	400	pg/g	72.5	(13%-199%)
13C-2,3,7,8-TCDF		138	200	pg/g	69.2	(22%-152%)
13C-1,2,3,7,8-PeCDF		173	200	pg/g	86.3	(21%-192%)
13C-2,3,4,7,8-PeCDF		173	200	pg/g	86.4	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		149	200	pg/g	74.6	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		149	200	pg/g	74.5	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		152	200	pg/g	76.2	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		150	200	pg/g	74.9	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		148	200	pg/g	73.8	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		145	200	pg/g	72.6	(20%-186%)
37Cl-2,3,7,8-TCDD		16.8	20.0	pg/g	84.0	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

APPENDIX C

DATA VALIDATION MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.40 | JANUARY 25, 2018 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc., conducted an independent review of the quality of analytical results for sediment monitoring samples collected in Lake River, located offshore of the former Pacific Wood Treating Co. site, in Ridgefield, Washington. The samples were collected on September 25, 26, and 27, 2017.

Apex Laboratories (Apex) and Cape Fear Analytical, LLC (CF) performed the analyses. Apex report A7J0037 and CF report WO11460 were reviewed; CF report WO11460 was appended to report A7J0037. The samples were collected using incremental sampling methodology (ISM) and were first processed at Apex. Apex analyzed the prepared samples for total organic carbon (TOC) by Puget Sound Estuary Program (PSEP)–recommended Standard Methods for the Examination of Water and Wastewater Method 5310B modified, after which the samples were submitted to CF for analysis of chlorinated dibenzo-p-dioxins and dibenzofurans (dioxins/furans) by U.S. Environmental Protection Agency (USEPA) Method 1613B. The following samples were analyzed.

Samples Analyzed
Report A7J0037/WO117460
ISM-A-170925-After Processing
ISM-B-170926-After Processing
ISM-C-170927-After Processing

DATA QUALIFICATIONS

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

USEPA Method 1613B detections between the method reporting limit (MRL) and the estimated detection limit (EDL) were qualified by the laboratory as estimated (J). Some USEPA Method 1613B non-detect results had EDLs greater than the MRL because of the sample matrix; the EDL result was reported as the result of record.

USEPA Method 1613B dioxin/furan results that were reported as estimated maximum potential concentrations (EMPCs) were qualified by the reviewer with "U" as non-detect at the reported value.

Report	Sample	Component	Original Result (pg/g)	Qualified Result (pg/g)
WO11460	ISM-A-170925-After Processing	2,3,4,7,8-PeCDF	0.414 JK	0.414 UJ
WO11460		Total PeCDF	2.65 JK	2.65 UJ
WO11460		Total HxCDF	9.93 K	9.93 U
WO11460	ISM-B-170926-After Processing	1,2,3,7,8-PeCDF	0.428 JK	0.428 UJ
WO11460		Total PeCDD	14.7 K	14.7 U
WO11460		Total HxCDD	62.6 K	62.6 U
WO11460		Total TeCDF	17.0 K	17.0 U
WO11460		Total PeCDF	28.9 K	28.9 U
WO11460	ISM-C-170927-After Processing	1,2,3,7,8,9-HxCDD	0.899 JK	0.899 UJ
WO11460		2,3,4,7,8-PeCDF	0.672 JK	0.672 UJ
WO11460		1,2,3,6,7,8-HxCDF	0.620 JK	0.620 UJ
WO11460		2,3,4,6,7,8-HxCDF	0.759 JK	0.759 UJ
WO11460		Total PeCDD	2.07 JK	2.07 UJ
WO11460		Total HxCDD	17.0 K	17.0 U
WO11460		Total PeCDF	6.38 K	6.38 U
WO11460		Total HxCDF	18.9 K	18.9 U

NOTES:
J = Result is estimated value.
K = Result is an EMPC.
pg/g = picograms per gram.
U = Result is non-detect.

Data validation procedures were modified, as appropriate, to accommodate quality-control requirements for methods not specifically addressed by the USEPA procedures (e.g., PSEP/SM 5310B).

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.

In report WO11460, CF noted on the subcontract chain of custody that some sample containers had already been received. The reviewer confirmed that the samples received by CF on October 11, 2017, were replacement samples for a previous shipment that had been received out of the recommended temperature range.

Preservation and Sample Storage

The samples were preserved and stored appropriately. The reviewer confirmed that samples were stored in a controlled-access refrigerator at 4 degrees Celsius prior to receipt by Apex.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, laboratory method blanks were associated with all samples prepared in an analytical batch. Where an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than five times the method blank concentration.

The USEPA Method 1613B method blank had detections between the EDL and MRL for some dioxin/furan congeners and homologs, and some method blank detections were also flagged by CF as EMPCs. All associated sample results were either greater than five times the method blank concentrations, or were qualified because of EMPCs, as noted in the data qualifications section above. No additional qualification was required.

The remaining method blank results were non-detect.

Trip Blanks

Trip blanks were not required for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not submitted for this sampling event.

LABELED ANALOG STANDARD RECOVERY RESULTS

All USEPA Method 1613B samples were spiked with C13-labeled analog standards (surrogates) to evaluate and document data recovery. All surrogate recoveries were within acceptance limits.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. Laboratory duplicate results within five times the MRL were not evaluated for precision. All laboratory duplicate relative percent differences (RPDs) were within acceptance limits.

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. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD results were within acceptance limits for percent recovery and RPD.

ISM REPLICATE EVALUATION

Triplicate ISM samples were collected and submitted to Apex and CF for dioxin/furan and TOC analysis (ISM-A-170925-After Processing, ISM-B-170926-After Processing, and ISM-C-170927-After Processing). The relative standard deviations (RSDs) of dioxin/furan and TOC results were calculated when all three results were detected. RSDs were not calculated when results were non-detect or qualified "U" because of EMPCs.

RSDs were 24.2 percent for TOC and ranged from 24.2 percent to 96.3 percent for dioxin/furan congeners and homologs. When RSDs exceeded 35 percent, ISM replicate results were qualified with "J" as estimated. Results already flagged with "J" because of detection below the MRL were not additionally qualified by the reviewer. A summary of calculated RSDs and qualifiers is shown below:

Sample ID	Analyte	Percent RSD	Qualifier Added
ISM-A-170925-After Processing, ISM-B-170926-After Processing, ISM-C-170927-After Processing	1,2,3,6,7,8-HxCDD	77.6	J
	1,2,3,4,6,7,8-HpCDD	96.3	J
	1,2,3,4,7,8-HxCDF	86.1	J
	1,2,3,4,6,7,8-HpCDF	94.2	J
	OCDD	95.1	J
	OCDF	76.0	J
	Total HpCDD	94.0	J
	Total HpCDF	95.9	J
	TOC	24.2	-

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. Apex and CF did not report CCV results.

REPORTING LIMITS

CF and Apex used routine MRLs and EDLs for non-detect results. MRLs and EDLs were adjusted for samples requiring dilutions because of high analyte concentrations, matrix interferences, or ratio criteria exceedances (resulting in EMPCs).

In report WO11460, CF noted in the case narrative that the EDLs for some dioxin/furan results were above the MRLs because of the addition of a low calibration point. The reviewer confirmed that the low calibration point had been used for all USEPA Method 1613B analyses in order to achieve low detection limits, and that the EDLs were higher than the MRLs because of the sample matrix. No action was required.

DATA PACKAGE

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

Apex indicated on the cooler receipt form that the sample collection time was not recorded on sample labels. No action was required.

No additional issues were found.

REFERENCES

Apex. 2016. Quality systems manual. Rev. 5. Apex Laboratories, Tigard, Oregon. April 1.

CF. 2016. Quality assurance plan. Rev. 14. Cape Fear Analytical, LLC, Wilmington, North Carolina. May 6.

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 inorganic Superfund methods data review. EPA 540-R-2017-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

LAKE RIVER 2020 SEDIMENT MONITORING REPORT

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

Prepared for
PORT OF RIDGEFIELD
February 1, 2021
Project No. 9003.01.56

Prepared by
Maul Foster & Alongi, Inc.
109 East 13th Street, Vancouver, WA 98660

MAUL FOSTER ALONGI

LAKE RIVER 2020 SEDIMENT MONITORING REPORT

FORMER PACIFIC WOOD TREATING CO. SITE
FACILITY ID 1019, CLEANUP SITE ID 3020

The material and data in this report were prepared under the supervision and direction of the undersigned.

MAUL FOSTER & ALONGI, INC.

Joshua Elliott, PE
Senior Engineer

Brooke James
Staff Engineer

CONTENTS

TABLES AND ILLUSTRATIONS IV

ACRONYMS AND ABBREVIATIONS V

1 INTRODUCTION 1
1.1 BACKGROUND 1

2 SITE CONDITIONS 2

3 SAMPLING PROGRAM 2
3.1 INCREMENTAL SAMPLING METHODOLOGY DESIGN 3
3.2 SAMPLING METHODS 3
3.3 QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES 3
3.4 SAMPLE TRANSPORT 4
3.5 LABORATORY CHEMICAL SAMPLE PROCESS AND ANALYSIS 4
3.6 DATA REDUCTION, VALIDATION, AND REPORTING 4

4 RESULTS 5

LIMITATIONS

REFERENCES

TABLES

FIGURES

APPENDIX A
ANALYTICAL REPORTS

APPENDIX B
DATA VALIDATION MEMORANDUM

TABLES AND ILLUSTRATIONS

FOLLOWING REPORT:

TABLES

3-1 SEDIMENT SAMPLE DESCRIPTIONS

4-1 SEDIMENT SAMPLE RESULTS

FIGURES

1-1 SITE LOCATION

1-2 LAKE RIVER REMEDY AREA

3-1 SAMPLE LOCATIONS

ACRONYMS AND ABBREVIATIONS

Apex	Apex Laboratories, LLC
bml	below mud line
CAP	cleanup action plan
cm	centimeter(s)
COC	chain of custody
CUL	cleanup level
dioxins	polychlorinated dibenzo-p-dioxins and furans
DU	decision unit
Ecology	Washington State Department of Ecology
ENR	enhanced natural recovery
EPA	U.S. Environmental Protection Agency
ISM	incremental sampling methodology
MFA	Maul Foster & Alongi, Inc.
ng/kg	nanograms per kilogram
the Port	Port of Ridgefield
PWT	Pacific Wood Treating Co.
QA/QC	quality assurance and quality control
REL	remediation level
SAP	sampling and analysis plan
TEQ	toxicity equivalent
TOC	total organic carbon

1 INTRODUCTION

On behalf of the Port of Ridgefield (the Port), Maul Foster & Alongi, Inc. (MFA) has prepared this report to summarize Year 5 (2020) Lake River postremedy sediment monitoring results. Lake River is offshore of the former Pacific Wood Treating Co. (PWT) site in Ridgefield, Washington (see Figure 1-1). PWT operated a wood-treating facility from 1964 to 1993 at the Port's Lake River Industrial Site, now known as Miller's Landing.

On November 5, 2013, the Port entered into a Consent Decree with the State of Washington requiring remedial action to address contamination at the former PWT site. The selected cleanup action for the Lake River portion of the former PWT site consisted of mechanical dredging and placement of an enhanced natural recovery (ENR) sand layer and is described in the cleanup action plan (CAP) (Washington State Department of Ecology [Ecology], 2013). The remedy includes sediment chemical monitoring to assess cleanup efficacy in years 0, 2, 5, and 10.

Year 0 monitoring was completed in 2015 (MFA, 2015b) and Year 2 in 2017 (MFA, 2018). This report provides the results of the Year 5 (2020) monitoring, including sampling methodology and analysis, quality assurance protocols, and laboratory analytical results and interpretation. Sampling and reporting were conducted in accordance with the Ecology-approved sampling and analysis plan (SAP) (MFA, 2015a); any exceptions are noted in this report.

1.1 Background

The CAP identifies a remediation level (REL; 30 nanograms per kilogram [ng/kg] dioxin toxicity equivalent [TEQ]) and a cleanup level (CUL; 5 ng/kg dioxin TEQ) for polychlorinated dibenzo-p-dioxins and furans (collectively referred to as dioxins) in Lake River sediments. These numeric criteria guided the remedial action substantively completed in 2015. Areas exceeding the REL were dredged and treated with a clean ENR sand layer, whereas areas above the CUL but below the REL were treated only with clean sand (see Figure 1-2). After remedy completion, Year 0 (baseline) monitoring was conducted in July 2015 to assesses cleanup effectiveness. Year 2 monitoring was completed in 2017 to quantify any changes compared to Year 0. The 2015 results showed that sediment dioxin TEQ concentrations were below the CUL and that a significant reduction in dioxin concentrations had been attained (MFA, 2015b). The Year 2 (2017) results showed that although the average incremental sampling methodology (ISM) sample dioxin TEQ had increased slightly (3.53 ng/kg in Year 2 compared to 1.16 ng/k g in Year 0), average dioxin TEQ concentrations were still below the CUL. The Year 5 (2020) monitoring described in this report was conducted to quantify any concentration changes relative to 2015 and 2017. Final monitoring efforts will also be conducted in Year 10 (2025) to further quantify concentration trends over time, and to confirm that natural recovery is effective in meeting the CUL in the long term, as anticipated.

2 SITE CONDITIONS

Lake River is a slow, flat slough of the Columbia River. Lake River is hydraulically connected to the Columbia River through a tide gate/flushing structure along the western shoreline of Vancouver Lake and at the mouth of Lake River on the Columbia River, 11 miles downstream of the Vancouver Lake tide gate. Overall river flow is from Vancouver Lake to the mouth of Lake River, and flow direction in Lake River reverses as a result of tidal influences from the Columbia River. Low water velocity, bathymetric analysis, and grain size distribution all indicate that Lake River is a predominantly depositional fluvial environment, and that natural attenuation of sediment concentrations should be expected to occur over time (MFA, 2013b).

An approximately 1-foot-thick, clean sand layer was placed over the entire remedy area as part of the sediment remedy (see Figure 1-2). Based on visual observations of riverbed exposed during low tide in 2020, it appears that more fines have deposited over the sand layer since the previous (2017) observations. No evidence of significant sand scour (e.g., exposed native sandy silt) was observed. Surface (0 to 10 centimeters [cm] below mudline [bml]) sediment samples retrieved during the 2020 event were generally fine to coarse sands (representing the clean sand layer placed as part of the remedy) with overlying silt. The samples with little to no overlying silt were generally observed near the fish mix rock, where there is likely more wave activity.

Based on previous investigations, the subsurface (deeper than 10 cm bml) sediment characteristics in Lake River vary with depth. In the remedy area, the current depth to native sediment below the placed clean sand layer likely varies (e.g., because of propwash and mixing processes). Generally, in the nearshore slope areas, the native subsurface sediment is characterized as a fine sandy silt to a depth of approximately 5 feet bml that then transitions to a fine to medium sand. Subsurface sediment in the channel areas of Lake River is generally very fine sandy silt down to 11 feet bml, with the exception of some fine to medium sand encountered in two cores in the Lake River channel area at approximately 6 to 7 feet bml (MFA, 2013a).

3 SAMPLING PROGRAM

ISM was used to characterize dioxins in sediments. ISM characterizes the average concentration of contaminants in a predefined area termed a decision unit (DU). Samples (called increments) were collected from multiple locations in a DU under evaluation. The increments were combined into one sample (called an ISM sample), which was analyzed to obtain a representative average contaminant concentration for the entire DU. Three ISM samples, called replicates, were collected to define variability resulting from sampling error or spatial heterogeneity. ISM provides data that are more representative of average concentrations than areawide concentrations derived from discrete or traditional composite samples (HDOH, 2009; ITRC, 2012).

3.1 Incremental Sampling Methodology Design

The sampling objective was to characterize the average concentration of dioxins in surface sediments in the remedy area. The DU sampled extends from the surface to 10 cm bml across the entire remedy area, as shown in Figure 3-1. Three replicate samples (ISM samples A, B, and C) consisting of 30 increments each were collected to assess sample variability. The increment locations are consistent with those sampled in 2015 and 2017 and were selected based on a stratified random approach using a triangular grid (using ArcGIS 10 and Visual Sample Plan 6). Using a systematic random grid, as opposed to a simple random sampling approach, reduces the probability of missing areas with significantly elevated concentrations.

3.2 Sampling Methods

MFA conducted sediment sampling on December 3 and 4, 2020. Water levels were normal, and all samples were collected from the boat. Figure 3-1 shows sampling locations and Table 3-1 presents soil sample classifications.

All sediment increments were collected using a handheld Van Veen (clamshell) sampler. The locked (open) sampler was manually lowered to the riverbed. The latch would unlock upon contact with the riverbed and close the two halves of the clamshell around the sediment before being manually raised back into the boat. The contents were deposited onto a clean work surface where the sample was bisected and characterized before being placed in the laboratory-supplied sampling container. If increment recovery was poor at certain locations, the increment was discarded and resampled within a few feet of the original location. Approximately 100 grams per increment, for a total of approximately 3 kilograms per ISM sample, was collected to provide the overall mass required by the analytical laboratory. The ISM sample was analyzed for dioxins and total organic carbon (TOC).

A differential global positioning system was used to navigate to the locations shown on Figure 3-1. Locations were determined to an accuracy of ±3 meters. Horizontal coordinates were referenced to the Washington South State Plane HARN (NAD83).

All equipment was decontaminated in accordance with the SAP. All sample containers were kept on ice before submittal, with chain-of-custody (COC) documentation, to the laboratory for analysis. Use of dedicated (nondisposable) sampling equipment significantly reduced the amount of decontamination fluids generated. Nondisposable incremental sampling equipment was decontaminated only between replicates (i.e., not decontaminated between increments within the unit). Decontamination of nondisposable sampling equipment (i.e., incremental sampling equipment) used disposable, single-use paper towels that were subsequently containerized, along with used personal protective equipment, and disposed of in a sanitary landfill.

3.3 Quality Assurance and Quality Control Samples

The following quality assurance and quality control (QA/QC) sampling was conducted.

Three replicate ISM samples were collected across the DU. Replicates were processed and analyzed (consistent with the methods used for the primary sample) to assess sample variability. In addition, an equipment rinsate blank was collected from decontaminated reusable equipment coming into direct contact with sediment samples (i.e., the Van Veen sampler, bowls, and spoons).

3.4 Sample Transport

Samples for ISM processing and TOC analysis were submitted to the Ecology-approved Apex Laboratories, LLC (Apex) of Tigard, Oregon. Following ISM processing, Apex submitted sample aliquots to the Ecology-approved Cape Fear Analytical, LLC, for dioxin analysis. COC documentation was maintained throughout the sample handling and testing process and is included in the laboratory analytical reports (see Appendix A).

3.5 Laboratory Chemical Sample Process and Analysis

Prior to analysis, Apex used SAP-identified ISM procedures to process the ISM samples. As discussed above, the approximately equal mass collected from each increment was field-consolidated to generate a sample of approximately 3 kilograms (wet weight). The laboratory air-dried each DU sample at room temperature. The entire volume of each sample was chopped and sieved to facilitate obtaining a representative subsample and improving analyte extraction efficiency. The sample was sieved using an ASTM International No. 10 (2-millimeter) sieve. Once the sample was dried and sieved, the laboratory performed the "1-dimensional slabcake" subsampling procedure to sub-aliquot sample volume to be used for analysis. The slabcake procedure involves spreading the sample at a consistent depth in a line, using 20 or more passes, and then using a square scoop to cut across the line as needed to create an aliquot for each analysis. Samples for TOC were ground prior to analysis. Precise volumes (as identified in the SAP) of samples were collected as aliquots for each individual laboratory analysis and for QA/QC requirements. The following analyses of ISM aliquots, by the methods indicated, were conducted:

- TOC by Puget Sound Estuary Program/SM 5310B Modified
- Dioxins by U.S. Environmental Protection Agency (EPA) Method 1613B

Laboratory QA/QC requirements were maintained using standard EPA methods, based on EPA test methods for evaluating solid waste, physical/chemical methods (also known as SW-846) requirements, as amended (EPA, 1986).

3.6 Data Reduction, Validation, and Reporting

The laboratory data produced were independently reviewed by MFA for data quality (see Appendix B). Analytical results were evaluated according to applicable sections of EPA procedures (EPA, 2010, 2014) and appropriate laboratory and method-specific guidelines (Apex, 2019; EPA, 1986), and are reported consistent with recent dioxin data treatment guidance (Ecology, 2019). ISM sample replicates were assessed as part of the data validation. Sample results were qualified appropriately to reflect any criteria not satisfied during the aforementioned assessments. All data are considered acceptable for use, with associated qualifiers. Consistent with Washington Administrative Code 173-340-840(5) and

Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data will be submitted in both written (this report) and electronic (the Ecology Environmental Information Management system) formats.

4 RESULTS

The 2015, 2017, and 2020 sediment monitoring results are provided in Table 4-1. For the 2020 monitoring event, most dioxin congener results are at or near the estimated detection limits. The dioxin TEQ concentrations for each sample (A, B, and C) were below the CUL of 5 ng/kg, with concentrations of 1.25 ng/kg, 1.53 ng/kg, and 1.62 ng/kg, respectively. Consequently, the 2020 average ISM sample concentration of 1.47 ng/mg is below the CUL. These concentrations are slightly higher than the 2015 average ISM concentration of 1.16 ng/kg, but lower than the 2017 concentration of 3.53 ng/kg.

Before the remedial action, dioxin TEQ concentrations in Lake River were as high as 910 ng/kg, and it was estimated that postremedy concentrations would range up to 23 ng/kg (MFA, 2015a), with an areawide average concentration of approximately 4.4 ng/kg following natural recovery and mixing of placed clean sand with native sediment (MFA, 2013a). Both the 2017 and 2020 average ISM concentrations are consistent with the areawide projection and are below the CUL of 5 ng/kg. Therefore, it appears that the continued mixing of sand with underlying sandy silt via bioturbation and anthropogenic events, as well as deposition from upstream sediments, are resulting in the desired long-term effect and demonstrate that the cleanup action is effective.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

Apex. 2019. Quality assurance manual. Rev 77. Apex Laboratories, LLC, Tigard, Oregon. February 11.

Ecology. 2013. Cleanup action plan, former Pacific Wood Treating Co. site. Washington State Department of Ecology. November 5.

Ecology. 2019. Sediment cleanup users manual II, guidance for implementing the cleanup provisions of the sediment management standards, Chapter 173-204 WAC. Publication No. 12-09-057. Washington State Department of Ecology. December.

EPA. 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), VI phase II (2018), and VI phase III (2019).

EPA. 2010. EPA contract laboratory program national functional guidelines for inorganic Superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

EPA. 2014. R10 data validation and review guidelines for polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran data (PCDD/PCDF) using Method 1613B, and SW846 Method 8290A. EPA-910-R-14-003. U.S. Environmental Protection Agency, Office of Environmental Assessment. May.

HDOH. 2009. Interim final technical guidance manual for the implementation of the Hawai'i state contingency plan. Office of Hazard Evaluation and Emergency Response. Hawai'i Department of Health. November 12.

ITRC. 2012. Technical and regulatory guidance: incremental sampling methodology. The Interstate Technology & Regulatory Council Incremental Sampling Methodology Team. February.

MFA. 2013a. Lake River remedy predesign sampling report. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. June 14.

MFA. 2013b. Former PWT site remedial investigation and feasibility study. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. July 1.

MFA. 2015a. Lake River sediment monitoring sampling and analysis plan, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. April 9.

MFA. 2015b. Lake River sediment monitoring report, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. July 1.

MFA. 2018. Lake River 2017 sediment monitoring report, former Pacific Wood Treating Co. site, facility ID 1019, cleanup site ID 3020. Prepared for the Port of Ridgefield. Maul Foster & Alongi, Inc., Vancouver, Washington. January 25.

TABLES

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
0	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
1	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
2	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
3	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
4	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
5	A	12/03/2020	Dark brown to gray sand; fine to coarse; woody debris.
6	A	12/03/2020	Dark brown to gray sand; fine to coarse; woody debris.
7	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
8	A	12/03/2020	Dark brown to gray silty sand; fine; no debris.
9	A	12/03/2020	Dark brown to gray silty sand; fine; no debris.
10	A	12/03/2020	Dark brown to gray sand; fine; trace woody debris.
11	A	12/03/2020	Dark brown to gray sand; fine to coarse; trace debris.
12	A	12/03/2020	Dark brown to gray silty sand; fine; no debris.
13	A	12/03/2020	Dark brown to gray sand; fine to coarse; trace debris.
14	A	12/03/2020	Dark brown to gray silty sand; fine; no debris.
15	A	12/03/2020	Dark brown to gray sandy silt; fine to coarse; no debris.
16	A	12/03/2020	Dark brown to gray sandy silt; fine; trace debris.
17	A	12/03/2020	Dark brown to gray silt; fine; no debris.
18	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
19	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
20	A	12/03/2020	Dark brown to gray sand; fine to coarse; trace debris.
21	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
22	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
23	A	12/03/2020	Dark brown to gray sandy silt; fine; no debris.
24	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
25	A	12/03/2020	Dark brown to gray sandy silt; fine; no debris.
26	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
27	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
28	A	12/03/2020	Dark brown to gray sand; fine to coarse; no debris.
29	A	12/03/2020	Dark brown to gray silt with underlying sand.
30	B	12/04/2020	Dark brown to gray sand; fine to coarse; trace debris.
31	B	12/04/2020	Dark brown to gray, silty sand; fine to coarse; trace debris.
32	B	12/04/2020	Dark brown to gray, slightly silty sand.
33	B	12/04/2020	Dark brown to gray sand with overlying silt.
34	B	12/04/2020	Dark brown to gray sand with overlying silt; trace debris.
35	B	12/04/2020	Dark brown to gray, silty sand; trace debris.
36	B	12/04/2020	Dark brown to gray, silty sand; trace detritus.
37	B	12/04/2020	Dark brown to gray, silty sand.
38	B	12/04/2020	Dark brown to gray, silty sand.
39	B	12/04/2020	Dark brown to gray sand with overlying silt; some debris.
40	B	12/04/2020	Dark brown to gray, silty sand; trace detritus.
41	B	12/04/2020	Dark brown silt with some debris.

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
42	B	12/04/2020	Dark brown to gray, sandy silt; trace detritus.
43	B	12/04/2020	Dark brown silt.
44	B	12/04/2020	Dark brown to gray sand; mollusk.
45	B	12/04/2020	Dark brown to gray, silty sand.
46	B	12/04/2020	Dark brown to gray sand with silt.
47	B	12/04/2020	Dark brown to gray, sandy silt.
48	B	12/04/2020	Dark brown to gray sand with gravel.
49	B	12/04/2020	Dark brown to gray sand with overlying silt.
50	B	12/04/2020	Dark brown to gray sand with overlying silt.
51	B	12/04/2020	Dark brown to gray sand with overlying silt.
52	B	12/04/2020	Dark brown to gray sand with overlying silt; trace cobble.
53	B	12/04/2020	Dark brown to gray sand with some overlying silt.
54	B	12/04/2020	Sand with overlying silt.
55	B	12/04/2020	Sand with overlying silt.
56	B	12/04/2020	Sand with overlying silt.
57	B	12/04/2020	Sand with overlying silt.
58	B	12/04/2020	Sand with overlying silt.
59	B	12/04/2020	Sand with overlying silt; trace detritus.
60	C	12/04/2020	Dark brown to gray sand with silt overlay; trace debris.
61	C	12/04/2020	Dark brown to gray silty sand; some debris.
62	C	12/04/2020	Dark brown to gray sand with silt overlay; some detritus.
63	C	12/04/2020	Dark brown to gray sand with silt overlay; trace detritus.
64	C	12/04/2020	Dark brown to gray silt with sand.
65	C	12/04/2020	Dark brown to gray sand with overlying silt; trace woody debris.
66	C	12/04/2020	Dark brown to gray, sandy silt.
67	C	12/04/2020	Dark brown to gray, silty sand; no debris.
68	C	12/04/2020	Dark brown to gray sand with some overlying silt; trace detritus.
69	C	12/04/2020	Dark brown to gray sand with silt overlay; trace debris.
70	C	12/04/2020	Dark brown to gray sand with silt overlay; trace detritus.
71	C	12/04/2020	Dark brown to gray sand.
72	C	12/04/2020	Dark brown to gray silty sand with trace detritus.
73	C	12/04/2020	Dark brown to gray silty sand.
74	C	12/04/2020	Dark brown to gray sandy silt with trace detritus.
75	C	12/04/2020	Dark brown to gray sand with silt overlay.
76	C	12/04/2020	Dark brown to gray silty sand.
77	C	12/04/2020	Dark brown to gray sand with silt overlay; cobble.
78	C	12/04/2020	Dark brown to gray sand with silt overlay.
79	C	12/04/2020	Dark brown to gray sand with silt overlay.
80	C	12/04/2020	Dark brown to gray sand with silt overlay.
81	C	12/04/2020	Dark brown to gray sand with silt overlay; some detritus.
82	C	12/04/2020	Dark brown to gray sand with silt overlay; trace detritus.
83	C	12/04/2020	Dark brown to gray sand with some silt overlay.

Table 3-1
Sediment Sample Descriptions
Former PWT Site
Ridgefield, Washington

Increment Number	Group	Date Collected	Comments
84	C	12/04/2020	Dark brown to gray sand with silt overlay; trace detritus.
85	C	12/04/2020	Dark brown to gray sand with silt overlay; detritus.
86	C	12/04/2020	Dark brown to gray sand with silt overlay; some detritus.
87	C	12/04/2020	Dark brown to gray sand with silt overlay.
88	C	12/04/2020	Dark brown to gray sand with silt overlay; cobble.
89	C	12/04/2020	Dark brown to gray sand.

NOTE:
PWT = Pacific Wood Treating Co.

MAUL FOSTER ALONGI

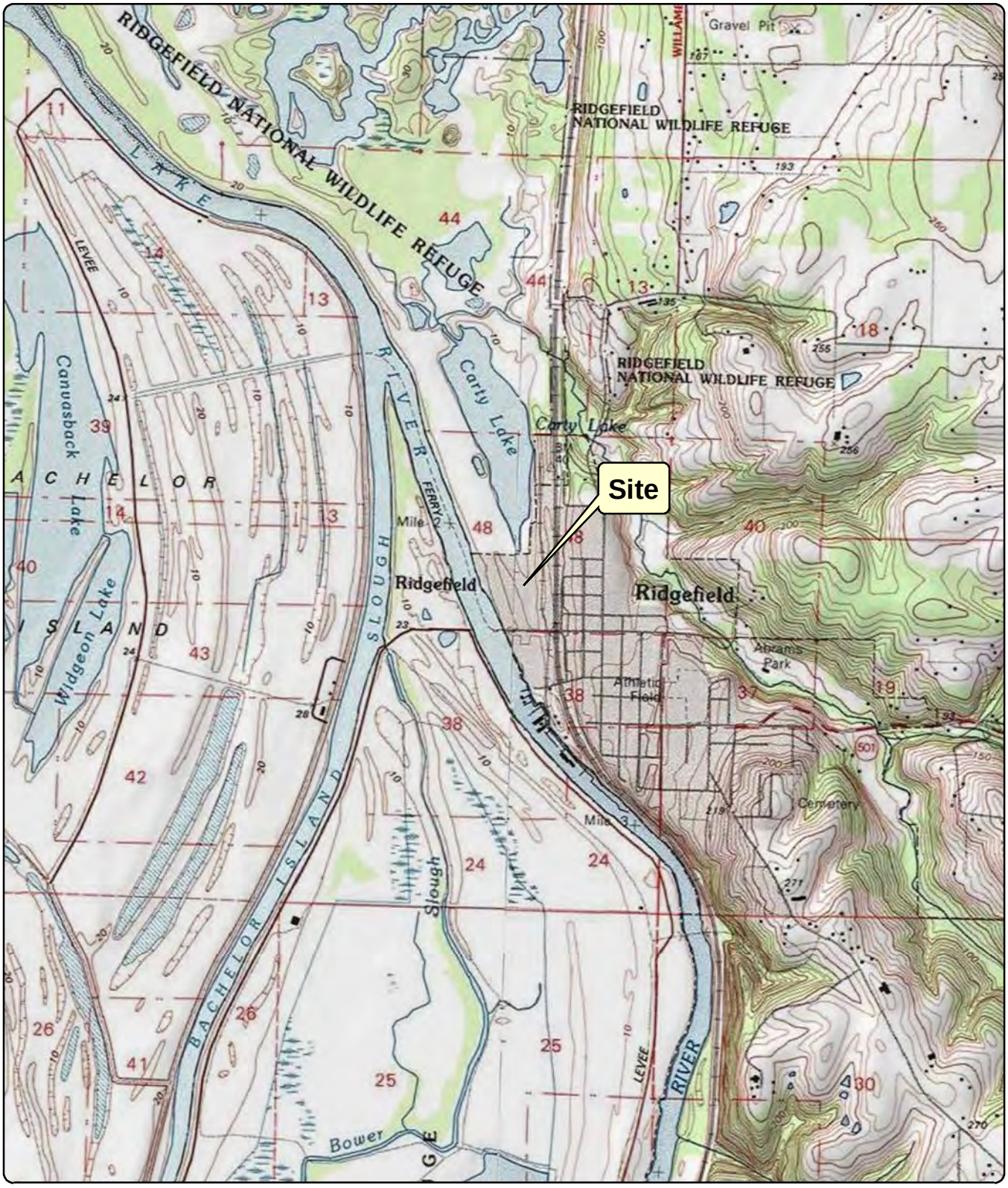
Table 4-1
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

Location		ISM Sample A	ISM Sample B	ISM Sample C	ISM Sample A	ISM Sample B	ISM Sample C	ISM Sample A	ISM Sample B	ISM Sample C
Sample ID		ISM-A-150240	ISM-B-150421	ISM-C-150422	ISM-A-170925	ISM-B-170926	ISM-C-170927	ISM-A-20201203	ISM-B-20201204	ISM-C-20201204
Date Collected		04/20/2015	04/21/2015	04/22/2015	09/25/2017	09/26/2017	09/27/2017	12/03/2020	12/04/2020	12/04/2020
Sample Type		ISM	ISM	ISM	ISM	ISM	ISM	ISM	ISM	ISM
Start Depth (cm bml)		0	0	0	0	0	0	0	0	0
End Depth (cm bml)		10	10	10	10	10	10	10	10	10
	Cleanup Level	**YEAR 0 (2015)**			**YEAR 2 (2017)**			**YEAR 5 (2020)**		
Dioxins and Furans (ng/kg)										
1,2,3,4,6,7,8-HpCDD	--	30.3	9.9	6.23	30.7 J	248 J	77.5 J	44.3	60.2	61.6
1,2,3,4,6,7,8-HpCDF	--	4.03	1.65	0.969 U	4.89 J	32 J	9.38 J	7.65	10.4	10.4
1,2,3,4,7,8,9-HpCDF	--	0.806 J	0.276 J	0.291 J	1.22 U	2.25 J	0.819 J	0.627 UJ	0.646 UJ	0.686 UJ
1,2,3,4,7,8-HxCDD	--	0.77 J	0.216 J	0.282 J	0.746 U	1.33 J	0.506 J	0.385 UJ	0.369 UJ	0.459 UJ
1,2,3,4,7,8-HxCDF	--	1.15	0.278 U	0.345 J	1.07 J	4.82 J	1.37 J	0.685 UJ	1.03 UJ	1.11 UJ
1,2,3,6,7,8-HxCDD	--	2.08	0.546 J	0.527 J	1.45 J	7.26 J	2.95 J	1.87 J	2.57 J	2.48 J
1,2,3,6,7,8-HxCDF	--	0.884 J	0.251 J	0.267 J	0.541 U	1.71 J	0.62 UJ	0.368 UJ	0.532 UJ	0.521 UJ
1,2,3,7,8,9-HxCDD	--	1.2	0.316 J	0.331 J	0.676 U	2.33 J	0.899 UJ	0.762 UJ	0.868 UJ	1.01 UJ
1,2,3,7,8,9-HxCDF	--	0.675 J	0.238 UJ	0.233 J	0.963 U	1.33 J	0.53 U	0.392 UJ	0.55 UJ	0.509 UJ
1,2,3,7,8-PeCDD	--	0.607 J	0.281 U	0.208 J	0.284 U	0.404 J	0.244 U	0.275 UJ	0.145 U	0.287 UJ
1,2,3,7,8-PeCDF	--	0.666 J	0.229 U	0.255 J	0.42 U	0.428 UJ	0.425 J	0.281 J	0.32 J	0.303 J
2,3,4,6,7,8-HxCDF	--	0.76 J	0.21 UJ	0.2 J	0.586 U	1.95 J	0.759 UJ	0.54 UJ	0.572 UJ	0.661 UJ
2,3,4,7,8-PeCDF	--	0.585 J	0.222 U	0.241 J	0.414 UJ	2.04 J	0.672 UJ	0.381 UJ	0.497 UJ	0.491 UJ
2,3,7,8-TCDD	--	0.218 J	0.117 U	0.166 U	0.523 U	0.566 U	0.33 U	0.102 U	0.095 U	0.0833 U
2,3,7,8-TCDF	--	0.216 J	0.169 U	0.143 U	0.502 U	0.532 U	0.365 U	0.232 UJ	0.298 UJ	0.285 UJ
OCDD	--	264	76	53.1	298 J	2570 J	864 J	370	467	484
OCDF	--	7.36	2.11	1.81 J	8.34 J	52.9 J	27.1 J	16.2	18.3	15.8
Total HpCDDs	--	54.3	18.1	11.9	61.9 J	466 J	150 J	87.5	107	117
Total HpCDFs	--	11.3	4.48	1.84	15 J	105 J	30.5 J	25.3 J	35.5 J	32.5 J
Total HxCDDs	--	7.75	2.29	2.05	5.85	62.6 U	17 U	10.1 J	11.1 J	14.6 J
Total HxCDFs	--	9.57	2.54	2.44	9.93 U	75	18.9 U	12.1 J	18.7 J	18.2 J
Total PeCDDs	--	0.607 J	0.281 U	0.208 J	0.284 U	14.7 U	2.07 UJ	0.733 J	0.874 J	2.07 UJ
Total PeCDFs	--	1.74	0.225 U	0.668 J	2.65 UJ	28.9 U	6.38 U	3.67 J	4.29 J	5.27 J
Total TCDDs	--	0.218	0.117 U	0.166 U	0.523 U	9.24	0.33 U	0.102 U	0.095 U	0.103 J
Total TCDFs	--	0.216	0.169 U	0.143 U	0.502 U	17 U	0.365 U	1.09 UJ	0.738 UJ	1 UJ
Total TEQ Mammals (U = 1/2 EDL)	5	2.23	0.555	0.683	1.38	7.01	2.19	1.25	1.53	1.62
Average ISM Sample TEQ (U = 1/2 EDL)			**1.16**			**3.53**			**1.47**	
Conventionals (%)										
Total Organic Carbon	--	1.2	0.74	0.66	3.8	6.2	4.9	0.58	0.44	0.40
Average Total Organic Carbon	--		**0.87**			**4.97**			**0.47**	

Table 4-1
Sediment Sample Results
Former PWT Site
Ridgefield, Washington

NOTES:
Average results are in **bold** font.
-- = no value.
% = percent.
cm bml = centimeters below mudline.
EDL = estimated detection limit.
ISM = incremental sampling methodology.
J = associated result is an estimated quantity.
ng/kg = nanograms per kilogram.
PWT = Pacific Wood Treating Co.
TEQ = toxicity equivalent.
U = associated result is less than listed detection limit.
UJ = associated result is less than listed detection limit and is an estimated quantity.

FIGURES



Source: Topographic Quadrangle obtained from ArcGIS Online Services/NGS-USGS TOPO! U.S. Geological Survey (1999)
7.5-minute topographic quadrangle: Ridgefield
Address: Lake River Industrial Site
111 W. Division Street, Ridgefield, WA 98642
Section: 24 Township: 4N Range: 1W of Willamette Meridian

PWT = Pacific Wood Treating Co.

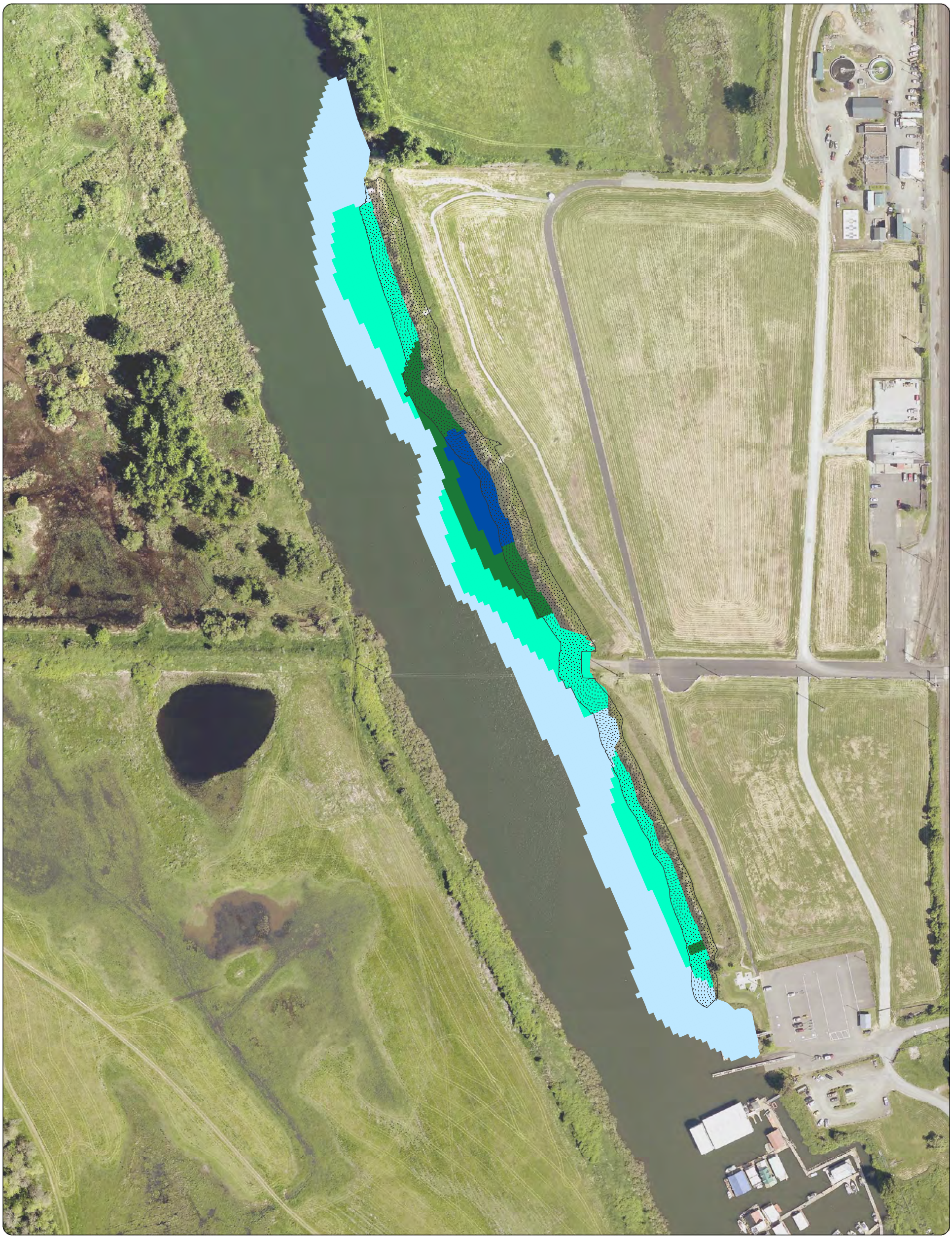
MAUL FOSTER ALONGI
p. 360 694 2691 | www.maulfoster.com

0 1,000 2,000
Feet

Figure 1-1
Site Location

Former PWT Site
Ridgefield, Washington

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig1_Site Location.mxd
Print Date: 6/29/2015
Approved By: P. Wiescher
Produced By: R. Callihan
Project: 9003.01.40



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

Notes:
1. PWT = Pacific Wood Treating Co.
2. ENR = Enhanced Natural Recovery.
3. Dredge depths denote neatline.
4. Dredged areas will also receive 1 foot of ENR treatment.
5. Analysis extent has been clipped to the bank-sediment interface. Dredge boundaries near the shore were generally determined by projection of a 3:1 horizontal to vertical slope down from the shoreline inflection point to the required dredge depth. ENR boundaries near the shore were determined by the point where the shore slope transitions to less than a 5:1 horizontal to vertical slope.

Legend

Fish Mix

Remedial Action Areas

ENR Only | 1-ft Dredge | 2-ft Dredge | 3-ft Dredge

Figure 1-2
Lake River Remedy Area

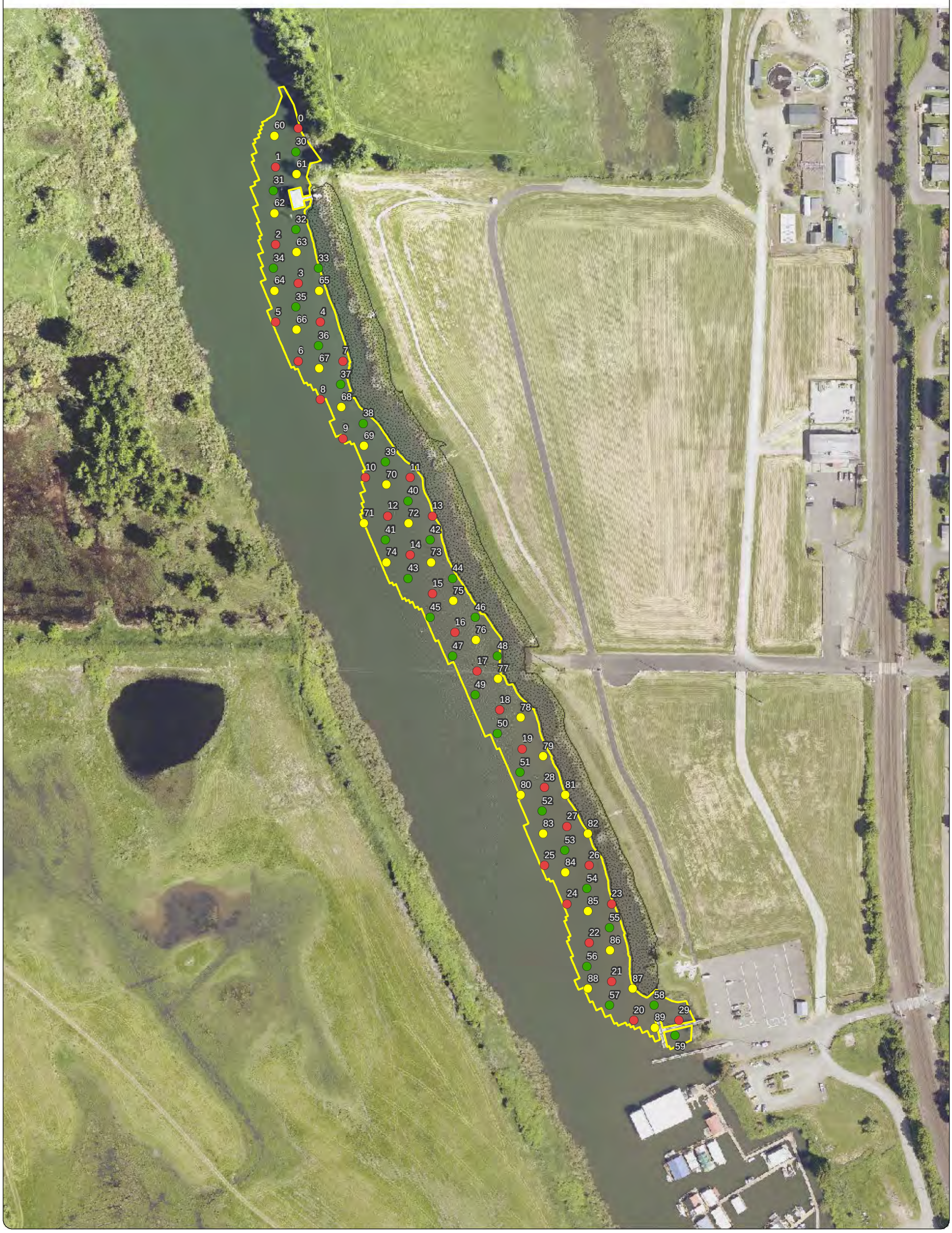
Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig2_Lake River Remedy Area.mxd
Print Date: 11/10/2017
Approved By: mnovak
Produced By: rroberts
Project: 9003.01.40/06

Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Lake River SAP\Fig3_SampleResultsNT_20210127.mxd



NOTES:
Bankward sample locations extent was clipped to the extent of fish plus 5 feet riverward.
ISM = incremental sampling methodology.
PWT = Pacific Wood Treating Co.

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

Legend

- ISM Sample Location (A)
- ISM Sample Location (B)
- ISM Sample Location (C)
- ISM Sample Boundary
- Fish Mix

Figure 3-1
Sample Locations
Former PWT Site
Ridgefield, Washington

0 100 200
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40.06 Produced By: mjosef Reviewed By: JGlenn Print Date: 1/27/2021

APPENDIX A

ANALYTICAL REPORTS

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Tuesday, January 5, 2021

Phil Wiescher
Maul Foster & Alongi, INC.
3140 NE Broadway Street
Portland, OR 97232

RE: A0L0214 - Lake River-Sediment - 9003.01.49

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A0L0214, which was received by the laboratory on 12/7/2020 at 10:06:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	4.0 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ISM-A-20201203--As Received	A0L0214-01	Sediment	12/03/20 14:45	12/07/20 10:06
ISM-A-20201203--After Processing	A0L0214-02	Sediment	12/03/20 14:45	12/07/20 10:06
ISM-B-20201204--As Received	A0L0214-03	Sediment	12/04/20 15:30	12/07/20 10:06
ISM-B-20201204--After Processing	A0L0214-04	Sediment	12/04/20 15:30	12/07/20 10:06
ISM-C-20201204--As Received	A0L0214-05	Sediment	12/04/20 12:00	12/07/20 10:06
ISM-C-20201204--After Processing	A0L0214-06	Sediment	12/04/20 12:00	12/07/20 10:06
Rinsate Blank	A0L0214-07	Water	12/04/20 15:30	12/07/20 10:06

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

ANALYTICAL SAMPLE RESULTS

Demand Parameters

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
ISM-A-20201203--After Processing (A0L0214-02)				**Matrix: Sediment**				
Batch: 0120426								
Total Organic Carbon	**5800**	---	200	mg/kg dry	1	12/16/20 02:49	PSEP_SM 5310B MOD	
ISM-B-20201204--After Processing (A0L0214-04)				**Matrix: Sediment**				
Batch: 0120426								
Total Organic Carbon	**4400**	---	200	mg/kg dry	1	12/16/20 03:11	PSEP_SM 5310B MOD	
ISM-C-20201204--After Processing (A0L0214-06)				**Matrix: Sediment**				
Batch: 0120426								
Total Organic Carbon	**4000**	---	200	mg/kg dry	1	12/16/20 03:22	PSEP_SM 5310B MOD	

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

ANALYTICAL SAMPLE RESULTS

Total Organic Carbon (Non-Purgeable) by Persulfate Oxidation by Standard Method 5310C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Rinsate Blank (A0L0214-07)				**Matrix: Water**		**Batch: 0120274**		
Total Organic Carbon	ND	---	1.00	mg/L	1	12/09/20 19:30	SM 5310 C	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
ISM-A-20201203--After Processing (A0L0214-02)				**Matrix: Sediment**		**Batch: 0120419**		
% Solids	**98.6**	---	1.00	%	1	12/14/20 07:33	EPA 8000D	
ISM-B-20201204--After Processing (A0L0214-04)				**Matrix: Sediment**		**Batch: 0120419**		
% Solids	**98.8**	---	1.00	%	1	12/14/20 07:33	EPA 8000D	
ISM-C-20201204--After Processing (A0L0214-06)				**Matrix: Sediment**		**Batch: 0120419**		
% Solids	**98.9**	---	1.00	%	1	12/14/20 07:33	EPA 8000D	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

QUALITY CONTROL (QC) SAMPLE RESULTS

Demand Parameters

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0120426 - PSEP-5310B TOC							**Soil**					
Blank (0120426-BLK1)			Prepared: 12/11/20 09:01		Analyzed: 12/15/20 18:32							
PSEP_SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg wet	1	---	---	---	---	---	---	
Blank (0120426-BLK2)			Prepared: 12/11/20 09:01		Analyzed: 12/15/20 18:21							
PSEP_SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg wet	1	---	---	---	---	---	---	A-01
LCS (0120426-BS1)			Prepared: 12/11/20 09:01		Analyzed: 12/15/20 18:43							
PSEP_SM 5310B MOD												
Total Organic Carbon	9200	---		mg/kg	1	10000	---	92	88-111%	---	---	
Duplicate (0120426-DUP1)			Prepared: 12/11/20 09:01		Analyzed: 12/15/20 23:56							
QC Source Sample: Non-SDG (A0K0363-28)												
Total Organic Carbon	**460**	---	250	mg/kg dry	1	---	500	---	---	8	27%	
Duplicate (0120426-DUP2)			Prepared: 12/11/20 09:01		Analyzed: 12/16/20 00:28							
QC Source Sample: Non-SDG (A0K0363-28)												
Total Organic Carbon	**410**	---	250	mg/kg dry	1	---	500	---	---	19	27%	
Duplicate (0120426-DUP3)			Prepared: 12/11/20 09:01		Analyzed: 12/16/20 03:00							
QC Source Sample: ISM-A-20201203--After Processing (A0L0214-02)												
PSEP_SM 5310B MOD												
Total Organic Carbon	**5800**	---	200	mg/kg dry	1	---	5800	---	---	0.2	27%	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Organic Carbon (Non-Purgeable) by Persulfate Oxidation by Standard Method 5310C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0120274 - Method Prep: Aq							**Water**					
Blank (0120274-BLK1)			Prepared: 12/08/20 08:44		Analyzed: 12/09/20 11:15							
SM 5310 C												
Total Organic Carbon	ND	---	1.00	mg/L	1	---	---	---	---	---	---	
LCS (0120274-BS1)			Prepared: 12/08/20 08:44		Analyzed: 12/09/20 11:46							
SM 5310 C												
Total Organic Carbon	10.6	---	1.00	mg/L	1	10.0	---	106	90-114%	---	---	
Duplicate (0120274-DUP1)			Prepared: 12/08/20 08:44		Analyzed: 12/09/20 12:47							
QC Source Sample: Non-SDG (A0K0936-01)												
Total Organic Carbon	ND	---	1.00	mg/L	1	---	ND	---	---	---	10%	
Matrix Spike (0120274-MS1)			Prepared: 12/08/20 08:44		Analyzed: 12/09/20 13:18							
QC Source Sample: Non-SDG (A0K0936-01)												
SM 5310 C												
Total Organic Carbon	11.6	---	1.01	mg/L	1	10.0	ND	**116**	**90-114%**	---	---	Q-01

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0120419 - Total Solids (Dry Weight)							**Soil**					
Duplicate (0120419-DUP1)			Prepared: 12/11/20 07:26		Analyzed: 12/14/20 07:33							
QC Source Sample: ISM-A-20201203--After Processing (A0L0214-02)												
EPA 8000D												
% Solids	**98.6**	---	1.00	%	1	---	98.6	---	---	0.02	10%	
Duplicate (0120419-DUP2)			Prepared: 12/11/20 07:26		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0300-08)												
% Solids	**76.9**	---	1.00	%	1	---	77.7	---	---	1	10%	
Duplicate (0120419-DUP3)			Prepared: 12/11/20 07:26		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0329-03)												
% Solids	**74.5**	---	1.00	%	1	---	80.0	---	---	7	10%	
Duplicate (0120419-DUP4)			Prepared: 12/11/20 07:26		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0336-03)												
% Solids	**75.6**	---	1.00	%	1	---	75.9	---	---	0.4	10%	
Duplicate (0120419-DUP5)			Prepared: 12/11/20 07:26		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0346-12)												
% Solids	**76.7**	---	1.00	%	1	---	76.5	---	---	0.2	10%	
Duplicate (0120419-DUP6)			Prepared: 12/11/20 19:58		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0415-01)												
% Solids	**90.6**	---	1.00	%	1	---	90.4	---	---	0.2	10%	
Duplicate (0120419-DUP7)			Prepared: 12/11/20 19:58		Analyzed: 12/14/20 07:33							
QC Source Sample: Non-SDG (A0L0424-02)												
% Solids	**85.7**	---	1.00	%	1	---	86.3	---	---	0.7	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

SAMPLE PREPARATION INFORMATION

Demand Parameters

Prep: PSEP-5310B TOC

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0120426							
A0L0214-02	Sediment	PSEP_SM 5310B MOD	12/03/20 14:45	12/11/20 09:01			NA
A0L0214-04	Sediment	PSEP_SM 5310B MOD	12/04/20 15:30	12/11/20 09:01			NA
A0L0214-06	Sediment	PSEP_SM 5310B MOD	12/04/20 12:00	12/11/20 09:01			NA

Total Organic Carbon (Non-Purgeable) by Persulfate Oxidation by Standard Method 5310C

Prep: Method Prep: Aq

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0120274							
A0L0214-07	Water	SM 5310 C	12/04/20 15:30	12/08/20 08:44	40mL/40mL	40mL/40mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0120419							
A0L0214-02	Sediment	EPA 8000D	12/03/20 14:45	12/11/20 07:26			NA
A0L0214-04	Sediment	EPA 8000D	12/04/20 15:30	12/11/20 07:26			NA
A0L0214-06	Sediment	EPA 8000D	12/04/20 12:00	12/11/20 07:26			NA

Apex Laboratories

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

A-01	Grind Blank
Q-01	Spike recovery and/or RPD is outside acceptance limits.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

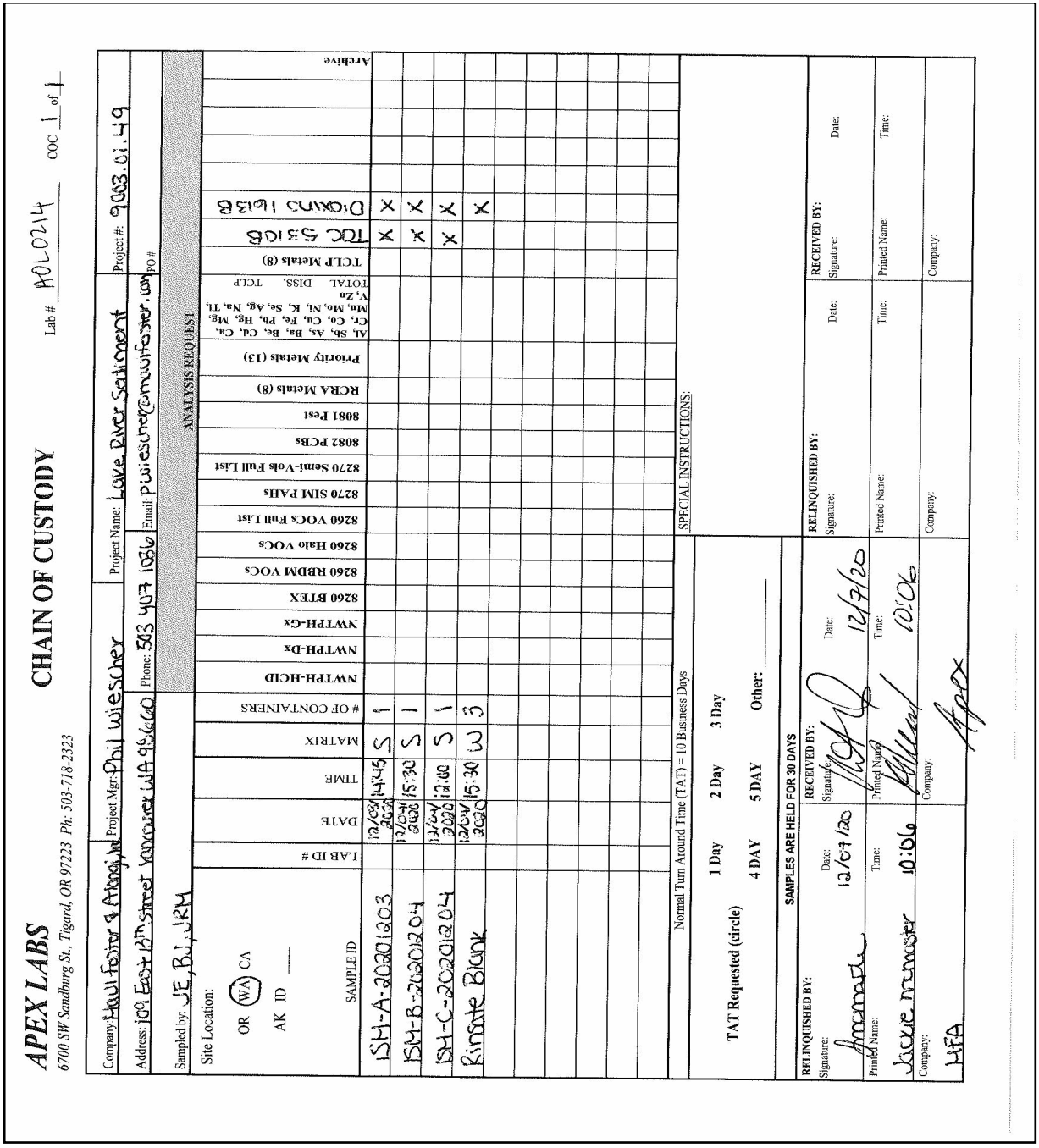
Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A0L0214 COC 1 of 1

Company: Maul Foster & Alongi, Inc. | Project Mgr: Phil Wiescher | Project Name: Lake River Sediment | Project #: 9003.01.49
Address: 109 East 13th Street Vancouver WA 98660 | Phone: 503 407 1686 | Email: pwiescher@maulfoster.com | PO #
Sampled by: JE, BJ, JRM

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	TOC 5310B	Dioxins 1613B	Archive
ISM-A-20201203		12/03/2020	14:45	S	1															X	X	
ISM-B-20201204		12/04/2020	15:30	S	1															X	X	
ISM-C-20201204		12/04/2020	12:00	S	1															X		
Rinsate Blank		12/04/2020	16:30	W	3															X	X	

SPECIAL INSTRUCTIONS:

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 12/07/20	Date: 12/7/20	Date:	Date:
Printed Name:	Printed Name:	Printed Name:	Printed Name:
Time: 10:06	Time: 10:06	Time:	Time:
Company: MFA	Company: Apex	Company:	Company:

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Lake River-Sediment**	
3140 NE Broadway Street	Project Number: **9003.01.49**	**Report ID:**
Portland, OR 97232	Project Manager: **Phil Wiescher**	**A0L0214 - 01 05 21 1539**

APEX LABS COOLER RECEIPT FORM

Client: Maul Foster + Alongi, Inc Element WO#: A0 L0214

Project/Project #: Lake River Sediment #9003.01.49

Delivery Info:

Date/time received: 12/7/20 @ 10:06 By: MS

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 12/7/20 @ 10:06 By: MS

Chain of Custody included? Yes X No___ Custody seals? Yes___ No X

Signed/dated by client? Yes X No___

Signed/dated by Apex? Yes X No___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	4.0						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were ~~green dots~~ applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 12/7/20 @ ~~13~~ 1410 By: AKK

All samples intact? Yes X No___ Comments: akk 12/7/20

Bottle labels/COCs agree? Yes___ No X Comments: No DIT on jars. IDs on Conts. reads ISMA, ISMB, ISM C, Rinsate.

COC/container discrepancies form initiated? Yes___ No X

Containers/volumes received appropriate for analysis? Yes X No___ Comments:

Do VOA vials have visible headspace? Yes___ No___ NA X

Comments

Water samples: pH checked: Yes X No___ NA___ pH appropriate? Yes X No___ NA___

Comments:

Additional information:

Labeled by: AKK Witness: M Cooler Inspected by: AKK See Project Contact Form: Y

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CFA | Cape Fear Analytical LLC
an affiliate of The GEL Group INC

3306 Kitty Hawk Road, Suite 120 Wilmington, NC 28405
P 910.795.0421
www.capefearanalytical.com

December 31, 2020

Mr. Philip Nerenberg
Apex Laboratories
6700 SW Sandburg Street
Portland, Oregon 97223

Re: DXN & PCB Subcontract
Work Order: 17497
SDG: A0L0214

Dear Mr. Nerenberg:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on December 14, 2020. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421.

Sincerely,

Cynde Larkins

Cynde Larkins
Project Manager

Enclosures

SUBCONTRACT ORDER EJ

Apex Laboratories

OB 12/10/20 **A0L0214** CFA WO#17497

SENDING LABORATORY:	**RECEIVING LABORATORY:**
Apex Laboratories	Cape Fear Analytical, LLC
6700 S.W. Sandburg Street	3306 Kitty Hawk Rd Suite 120
Tigard, OR 97223	Wilmington, NC 28405
Phone: (503) 718-2323	Phone :(910) 795-0421
Fax: (503) 336-0745	Fax: -
Project Manager: Philip Nerenberg	

Sample Name: ISM-A-20201203--After Processing **Sedimen** **Sampled: 12/03/20 14:45** (A0L0214-02)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	01/11/20 17:00	06/01/21 14:45	Cape Fear, subcontract unground volume
Containers Supplied:			
(B)4 oz Glass Jar			

Sample Name: ISM-B-20201204--After Processing **Sedimen** **Sampled: 12/04/20 15:30** (A0L0214-04)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	01/11/20 17:00	06/02/21 15:30	Cape Fear, subcontract unground volume
Containers Supplied:			
(B)4 oz Glass Jar			

Sample Name: ISM-C-20201204--After Processing **Sedimen** **Sampled: 12/04/20 12:00** (A0L0214-06)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	01/11/20 17:00	06/02/21 12:00	Cape Fear, subcontract unground volume
Containers Supplied:			
(B)4 oz Glass Jar			

ID on Conts. read Rinsate.

Sample Name: Rinsate Blank **Water** **Sampled: 12/04/20 15:30** (A0L0214-07)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	01/11/20 17:00	06/02/21 15:30	Cape Fear
Containers Supplied:			
(B)1 L Amber Glass - Non Preserved			
(C)1 L Amber Glass - Non Preserved			

Standard TAT

Released By — Date 12/10/20 — Received By: Fed Ex (Shipper) — Date

Released By: Fed Ex (Shipper) — Date — Received By: Cynde Larkins — Date: 14Dec20 @ 1032

temp = 3.0°C

SAMPLE RECEIPT CHECKLIST

Cape Fear Analytical

Client: APEX	Work Order: 17497
Shipping Company: FedEx	Date/Time Received: 14DEC20 1032

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			✓
Samples identified as Foreign Soil?			✓

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?		✓	
Samples < 2x background?		✓	

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			✓

Air Witness: _____

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other(describe)
2	Custody seal/s present on cooler?			✓	Seal intact? Yes No
3	Chain of Custody documents included with shipment?	✓			
4	Samples requiring cold preservation within 0-6°C?	✓			Preservation Method: Temperature Blank present: (Yes) No ice bags (loose ice) blue ice dry ice none other (describe) 3.1° − 0.1 = 3.0°C
5	Aqueous samples found to have visible solids?			✓	Sample IDs, containers affected:
5	Samples requiring chemical preservation at proper pH?		✓		Sample IDs, containers affected and pH observed: pH = 7 on both If preservative added, Lot#:
7	Samples requiring preservation have no residual chlorine?	✓			Sample IDs, containers affected: If preservative added, Lot#:
8	Samples received within holding time?	✓			Sample IDs, tests affected:
9	Sample IDs on COC match IDs on containers?	✓			Sample IDs, containers affected:
10	Date & time of COC match date & time on containers?	✓			Sample IDs, containers affected:
11	Number of containers received match number indicated on COC?	✓			List type and number of containers / Sample IDs, containers affected: 3- 4oz. clear glass soil jars and 2- 1L NMAG bottles
12	COC form is properly signed in relinquished/received sections?	✓			

Comments:

High Resolution Dioxins and Furans Analysis

Case Narrative

HDOX Case Narrative
Apex Laboratories (APEX)
SDG A0L0214
Work Order 17497

Method/Analysis Information

Product:	**Dioxins/Furans by EPA Method 1613B**
Analytical Method:	EPA Method 1613B
Extraction Method:	SW846 3520C, SW846 3540C
Analytical Batch Number:	45635, 45603
Clean Up Batch Number:	45632, 45601
Extraction Batch Number:	45631, 45600

Sample Analysis

Samples were received at 3.0°C. (17497001,17497002,17497003,17497004). The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
12028193	Method Blank (MB)
12028194	Laboratory Control Sample (LCS)
12028195	Laboratory Control Sample Duplicate (LCSD)
12028226	Method Blank (MB)
12028227	Laboratory Control Sample (LCS)
12028228	Laboratory Control Sample Duplicate (LCSD)
17497001	ISM-A-20201203--After Processing
17497002	ISM-B-20201204--After Processing
17497003	ISM-C-20201204--After Processing
17497004	Rinsate Blank

Samples 17497 001, 002 and 003 in this SDG were analyzed on a "dry weight" basis. Sample 17497 004 in this SDG was analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 18.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration
All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A sample of similar matrix, not associated with this SDG, was selected for analysis as the matrix spike and matrix spike duplicate. Batch 45603.

Technical Information

Receipt Temperature
Samples were received within temperature requirements.

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation
A NCR was not required for this SDG.

Manual Integrations
Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

Sample Preparation
No difficulties were encountered during sample preparation.

System Configuration

This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP750_2	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC
3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report
for

APEX001 Apex Laboratories

Client SDG: A0L0214 CFA Work Order: 17497

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
J Value is estimated
K Estimated Maximum Possible Concentration
U Analyte was analyzed for, but not detected above the specified detection limit.

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature:  **Name: Erin Suhrie**

Date: 31 DEC 2020 **Title: Data Validator**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497001**	**Date Collected:**	**12/03/2020 14:45**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**1.3**
Client ID:	**ISM-A-20201203--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 20:12**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-7**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.12 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.102	pg/g	0.102	0.912
40321-76-4	1,2,3,7,8-PeCDD	BJ	0.275	pg/g	0.141	4.56
39227-28-6	1,2,3,4,7,8-HxCDD	BJ	0.385	pg/g	0.188	4.56
57653-85-7	1,2,3,6,7,8-HxCDD	J	1.87	pg/g	0.181	4.56
19408-74-3	1,2,3,7,8,9-HxCDD	BJ	0.762	pg/g	0.188	4.56
35822-46-9	1,2,3,4,6,7,8-HpCDD		44.3	pg/g	0.485	4.56
3268-87-9	1,2,3,4,6,7,8,9-OCDD		370	pg/g	0.735	9.12
51207-31-9	2,3,7,8-TCDF	JK	0.232	pg/g	0.164	0.912
57117-41-6	1,2,3,7,8-PeCDF	J	0.281	pg/g	0.126	4.56
57117-31-4	2,3,4,7,8-PeCDF	BJK	0.381	pg/g	0.125	4.56
70648-26-9	1,2,3,4,7,8-HxCDF	BJ	0.685	pg/g	0.0930	4.56
57117-44-9	1,2,3,6,7,8-HxCDF	BJK	0.368	pg/g	0.0975	4.56
60851-34-5	2,3,4,6,7,8-HxCDF	BJ	0.540	pg/g	0.104	4.56
72918-21-9	1,2,3,7,8,9-HxCDF	BJ	0.392	pg/g	0.141	4.56
67562-39-4	1,2,3,4,6,7,8-HpCDF		7.65	pg/g	0.166	4.56
55673-89-7	1,2,3,4,7,8,9-HpCDF	BJ	0.627	pg/g	0.277	4.56
39001-02-0	1,2,3,4,6,7,8,9-OCDF		16.2	pg/g	0.339	9.12
41903-57-5	Total TeCDD	U	0.102	pg/g	0.102	0.912
36088-22-9	Total PeCDD	BJ	0.733	pg/g	0.141	4.56
34465-46-8	Total HxCDD	J	10.1	pg/g	0.181	4.56
37871-00-4	Total HpCDD		87.5	pg/g	0.485	4.56
30402-14-3	Total TeCDF	BJK	1.09	pg/g	0.164	0.912
30402-15-4	Total PeCDF	BJK	3.67	pg/g	0.0478	4.56
55684-94-1	Total HxCDF	BJK	12.1	pg/g	0.0930	4.56
38998-75-3	Total HpCDF	J	25.3	pg/g	0.166	4.56
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		1.56	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		1.61	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		157	182	pg/g	85.9	(25%-164%)
13C-1,2,3,7,8-PeCDD		158	182	pg/g	86.5	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		146	182	pg/g	80.0	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		140	182	pg/g	76.9	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		144	182	pg/g	79.0	(23%-140%)
13C-OCDD		199	365	pg/g	54.6	(17%-157%)
13C-2,3,7,8-TCDF		146	182	pg/g	79.9	(24%-169%)
13C-1,2,3,7,8-PeCDF		163	182	pg/g	89.7	(24%-185%)
13C-2,3,4,7,8-PeCDF		157	182	pg/g	86.4	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		146	182	pg/g	80.1	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		137	182	pg/g	75.2	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		137	182	pg/g	75.1	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		139	182	pg/g	76.3	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497001**	**Date Collected:**	**12/03/2020 14:45**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**1.3**
Client ID:	**ISM-A-20201203--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 20:12**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-7**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.12 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		137	182	pg/g	75.3	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		122	182	pg/g	66.7	(26%-138%)
37Cl-2,3,7,8-TCDD		15.5	18.2	pg/g	84.8	(35%-197%)

Comments:

B **The target analyte was detected in the associated blank.**
J **Value is estimated**
K **Estimated Maximum Possible Concentration**
U **Analyte was analyzed for, but not detected above the specified detection limit.**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497002**	**Date Collected:**	**12/04/2020 15:30**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**.9**
Client ID:	**ISM-B-20201204--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 21:00**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-8**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.16 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.0950	pg/g	0.0950	0.904
40321-76-4	1,2,3,7,8-PeCDD	U	0.145	pg/g	0.145	4.52
39227-28-6	1,2,3,4,7,8-HxCDD	BJ	0.369	pg/g	0.140	4.52
57653-85-7	1,2,3,6,7,8-HxCDD	J	2.57	pg/g	0.148	4.52
19408-74-3	1,2,3,7,8,9-HxCDD	BJ	0.868	pg/g	0.146	4.52
35822-46-9	1,2,3,4,6,7,8-HpCDD		60.2	pg/g	0.559	4.52
3268-87-9	1,2,3,4,6,7,8,9-OCDD		467	pg/g	0.933	9.04
51207-31-9	2,3,7,8-TCDF	JK	0.298	pg/g	0.177	0.904
57117-41-6	1,2,3,7,8-PeCDF	J	0.320	pg/g	0.124	4.52
57117-31-4	2,3,4,7,8-PeCDF	BJK	0.497	pg/g	0.117	4.52
70648-26-9	1,2,3,4,7,8-HxCDF	BJ	1.03	pg/g	0.136	4.52
57117-44-9	1,2,3,6,7,8-HxCDF	BJ	0.532	pg/g	0.145	4.52
60851-34-5	2,3,4,6,7,8-HxCDF	BJK	0.572	pg/g	0.148	4.52
72918-21-9	1,2,3,7,8,9-HxCDF	BJ	0.550	pg/g	0.206	4.52
67562-39-4	1,2,3,4,6,7,8-HpCDF		10.4	pg/g	0.156	4.52
55673-89-7	1,2,3,4,7,8,9-HpCDF	BJ	0.646	pg/g	0.262	4.52
39001-02-0	1,2,3,4,6,7,8,9-OCDF		18.3	pg/g	0.373	9.04
41903-57-5	Total TeCDD	U	0.0950	pg/g	0.0950	0.904
36088-22-9	Total PeCDD	BJ	0.874	pg/g	0.145	4.52
34465-46-8	Total HxCDD	JK	11.1	pg/g	0.140	4.52
37871-00-4	Total HpCDD		107	pg/g	0.559	4.52
30402-14-3	Total TeCDF	BJK	0.738	pg/g	0.177	0.904
30402-15-4	Total PeCDF	BJK	4.29	pg/g	0.0485	4.52
55684-94-1	Total HxCDF	JK	18.7	pg/g	0.136	4.52
38998-75-3	Total HpCDF	J	35.5	pg/g	0.156	4.52
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		1.70	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		1.82	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		160	181	pg/g	88.4	(25%-164%)
13C-1,2,3,7,8-PeCDD		177	181	pg/g	97.6	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		141	181	pg/g	78.1	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		140	181	pg/g	77.4	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		140	181	pg/g	77.4	(23%-140%)
13C-OCDD		195	362	pg/g	53.8	(17%-157%)
13C-2,3,7,8-TCDF		143	181	pg/g	78.8	(24%-169%)
13C-1,2,3,7,8-PeCDF		180	181	pg/g	99.5	(24%-185%)
13C-2,3,4,7,8-PeCDF		174	181	pg/g	96.0	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		144	181	pg/g	79.5	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		133	181	pg/g	73.7	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		134	181	pg/g	74.3	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		134	181	pg/g	74.1	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497002**	**Date Collected:**	**12/04/2020 15:30**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**.9**
Client ID:	**ISM-B-20201204--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 21:00**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-8**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.16 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		135	181	pg/g	74.6	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		119	181	pg/g	65.9	(26%-138%)
37Cl-2,3,7,8-TCDD		16.6	18.1	pg/g	91.6	(35%-197%)

Comments:

B **The target analyte was detected in the associated blank.**
J **Value is estimated**
K **Estimated Maximum Possible Concentration**
U **Analyte was analyzed for, but not detected above the specified detection limit.**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497003**	**Date Collected:**	**12/04/2020 12:00**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**1**
Client ID:	**ISM-C-20201204--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 21:49**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-9**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.39 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.0833	pg/g	0.0833	0.887
40321-76-4	1,2,3,7,8-PeCDD	BJK	0.287	pg/g	0.131	4.43
39227-28-6	1,2,3,4,7,8-HxCDD	BJ	0.459	pg/g	0.190	4.43
57653-85-7	1,2,3,6,7,8-HxCDD	J	2.48	pg/g	0.190	4.43
19408-74-3	1,2,3,7,8,9-HxCDD	BJ	1.01	pg/g	0.193	4.43
35822-46-9	1,2,3,4,6,7,8-HpCDD		61.6	pg/g	0.465	4.43
3268-87-9	1,2,3,4,6,7,8,9-OCDD		484	pg/g	1.07	8.87
51207-31-9	2,3,7,8-TCDF	JK	0.285	pg/g	0.159	0.887
57117-41-6	1,2,3,7,8-PeCDF	J	0.303	pg/g	0.0881	4.43
57117-31-4	2,3,4,7,8-PeCDF	BJ	0.491	pg/g	0.0885	4.43
70648-26-9	1,2,3,4,7,8-HxCDF	BJ	1.11	pg/g	0.0936	4.43
57117-44-9	1,2,3,6,7,8-HxCDF	BJ	0.521	pg/g	0.0995	4.43
60851-34-5	2,3,4,6,7,8-HxCDF	BJ	0.661	pg/g	0.108	4.43
72918-21-9	1,2,3,7,8,9-HxCDF	BJ	0.509	pg/g	0.148	4.43
67562-39-4	1,2,3,4,6,7,8-HpCDF		10.4	pg/g	0.171	4.43
55673-89-7	1,2,3,4,7,8,9-HpCDF	BJ	0.686	pg/g	0.284	4.43
39001-02-0	1,2,3,4,6,7,8,9-OCDF		15.8	pg/g	0.403	8.87
41903-57-5	Total TeCDD	J	0.103	pg/g	0.0833	0.887
36088-22-9	Total PeCDD	JK	2.07	pg/g	0.131	4.43
34465-46-8	Total HxCDD	JK	14.6	pg/g	0.190	4.43
37871-00-4	Total HpCDD		117	pg/g	0.465	4.43
30402-14-3	Total TeCDF	BJK	1.00	pg/g	0.159	0.887
30402-15-4	Total PeCDF	JK	5.27	pg/g	0.0509	4.43
55684-94-1	Total HxCDF	J	18.2	pg/g	0.0936	4.43
38998-75-3	Total HpCDF	J	32.5	pg/g	0.171	4.43
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		2.02	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		2.06	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		152	177	pg/g	85.8	(25%-164%)
13C-1,2,3,7,8-PeCDD		152	177	pg/g	85.9	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		143	177	pg/g	80.5	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		141	177	pg/g	79.8	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		140	177	pg/g	78.9	(23%-140%)
13C-OCDD		193	355	pg/g	54.4	(17%-157%)
13C-2,3,7,8-TCDF		143	177	pg/g	80.6	(24%-169%)
13C-1,2,3,7,8-PeCDF		162	177	pg/g	91.1	(24%-185%)
13C-2,3,4,7,8-PeCDF		152	177	pg/g	85.7	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		148	177	pg/g	83.2	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		139	177	pg/g	78.3	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		138	177	pg/g	77.8	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		136	177	pg/g	76.6	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497003**	**Date Collected:**	**12/04/2020 12:00**	**Matrix:**	**SOIL**
Client Sample:	**1613B Soil**	**Date Received:**	**12/14/2020 10:32**	**%Moisture:**	**1**
Client ID:	**ISM-C-20201204--After Processing**			**Prep Basis:**	**Dry Weight**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 21:49**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-9**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**11.39 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		137	177	pg/g	77.4	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		122	177	pg/g	68.6	(26%-138%)
37Cl-2,3,7,8-TCDD		14.6	17.7	pg/g	82.3	(35%-197%)

Comments:

B **The target analyte was detected in the associated blank.**
J **Value is estimated**
K **Estimated Maximum Possible Concentration**
U **Analyte was analyzed for, but not detected above the specified detection limit.**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497004**	**Date Collected:**	**12/04/2020 15:30**	**Matrix:**	**WATER**
Client Sample:	**1613B Water**	**Date Received:**	**12/14/2020 10:32**		
Client ID:	**Rinsate Blank**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/29/2020 00:48**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-12**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1044.8 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	1.32	pg/L	1.32	9.57
40321-76-4	1,2,3,7,8-PeCDD	U	1.11	pg/L	1.11	47.9
39227-28-6	1,2,3,4,7,8-HxCDD	U	1.41	pg/L	1.41	47.9
57653-85-7	1,2,3,6,7,8-HxCDD	U	1.29	pg/L	1.29	47.9
19408-74-3	1,2,3,7,8,9-HxCDD	U	1.36	pg/L	1.36	47.9
35822-46-9	1,2,3,4,6,7,8-HpCDD	U	2.18	pg/L	2.18	47.9
3268-87-9	1,2,3,4,6,7,8,9-OCDD	U	2.93	pg/L	2.93	95.7
51207-31-9	2,3,7,8-TCDF	U	1.28	pg/L	1.28	9.57
57117-41-6	1,2,3,7,8-PeCDF	U	0.599	pg/L	0.599	47.9
57117-31-4	2,3,4,7,8-PeCDF	U	0.599	pg/L	0.599	47.9
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.674	pg/L	0.674	47.9
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.693	pg/L	0.693	47.9
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.741	pg/L	0.741	47.9
72918-21-9	1,2,3,7,8,9-HxCDF	U	1.00	pg/L	1.00	47.9
67562-39-4	1,2,3,4,6,7,8-HpCDF	U	0.724	pg/L	0.724	47.9
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	1.34	pg/L	1.34	47.9
39001-02-0	1,2,3,4,6,7,8,9-OCDF	U	2.83	pg/L	2.83	95.7
41903-57-5	Total TeCDD	U	1.32	pg/L	1.32	9.57
36088-22-9	Total PeCDD	U	1.11	pg/L	1.11	47.9
34465-46-8	Total HxCDD	U	1.29	pg/L	1.29	47.9
37871-00-4	Total HpCDD	U	2.18	pg/L	2.18	47.9
30402-14-3	Total TeCDF	U	1.28	pg/L	1.28	9.57
30402-15-4	Total PeCDF	U	0.599	pg/L	0.599	47.9
55684-94-1	Total HxCDF	U	0.674	pg/L	0.674	47.9
38998-75-3	Total HpCDF	U	0.724	pg/L	0.724	47.9
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.000	pg/L		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		1.76	pg/L		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1480	1910	pg/L	77.2	(25%-164%)
13C-1,2,3,7,8-PeCDD		1470	1910	pg/L	76.9	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		1240	1910	pg/L	65.0	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		1300	1910	pg/L	67.7	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		1230	1910	pg/L	64.2	(23%-140%)
13C-OCDD		2330	3830	pg/L	60.8	(17%-157%)
13C-2,3,7,8-TCDF		1470	1910	pg/L	76.9	(24%-169%)
13C-1,2,3,7,8-PeCDF		1470	1910	pg/L	76.5	(24%-185%)
13C-2,3,4,7,8-PeCDF		1450	1910	pg/L	75.9	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		1230	1910	pg/L	64.0	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		1240	1910	pg/L	64.7	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		1240	1910	pg/L	64.9	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		1240	1910	pg/L	65.0	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**17497004**	**Date Collected:**	**12/04/2020 15:30**	**Matrix:**	**WATER**
Client Sample:	**1613B Water**	**Date Received:**	**12/14/2020 10:32**		
Client ID:	**Rinsate Blank**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/29/2020 00:48**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-12**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1044.8 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		1170	1910	pg/L	61.0	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		1140	1910	pg/L	59.4	(26%-138%)
37Cl-2,3,7,8-TCDD		152	191	pg/L	79.3	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Quality Control Summary

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A0L0214

Matrix Type: LIQUID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12028227	LCS for batch 45631	13C-2,3,7,8-TCDD		74.9	(20%-175%)
		13C-1,2,3,7,8-PeCDD		71.9	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		62.3	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		65.5	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		64.0	(22%-166%)
		13C-OCDD		65.7	(13%-199%)
		13C-2,3,7,8-TCDF		71.3	(22%-152%)
		13C-1,2,3,7,8-PeCDF		69.6	(21%-192%)
		13C-2,3,4,7,8-PeCDF		68.4	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		61.5	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		60.8	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		61.9	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		63.3	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		58.4	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		58.8	(20%-186%)
		37Cl-2,3,7,8-TCDD		78.8	(31%-191%)
12028228	LCSD for batch 45631	13C-2,3,7,8-TCDD		87.1	(20%-175%)
		13C-1,2,3,7,8-PeCDD		86.1	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		74.4	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		77.4	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		73.3	(22%-166%)
		13C-OCDD		76.9	(13%-199%)
		13C-2,3,7,8-TCDF		85.4	(22%-152%)
		13C-1,2,3,7,8-PeCDF		84.9	(21%-192%)
		13C-2,3,4,7,8-PeCDF		84.2	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		73.3	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		72.9	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		72.7	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		72.0	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		66.4	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		69.1	(20%-186%)
		37Cl-2,3,7,8-TCDD		83.2	(31%-191%)
12028226	MB for batch 45631	13C-2,3,7,8-TCDD		77.9	(25%-164%)
		13C-1,2,3,7,8-PeCDD		74.8	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		65.8	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		69.4	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		67.3	(23%-140%)
		13C-OCDD		61.0	(17%-157%)
		13C-2,3,7,8-TCDF		79.6	(24%-169%)
		13C-1,2,3,7,8-PeCDF		74.8	(24%-185%)
		13C-2,3,4,7,8-PeCDF		75.1	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		63.7	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		64.8	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		65.3	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		67.1	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		63.3	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		60.1	(26%-138%)
		37Cl-2,3,7,8-TCDD		82.0	(35%-197%)
17497004	Rinsate Blank	13C-2,3,7,8-TCDD		77.2	(25%-164%)

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A0L0214

Matrix Type: LIQUID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
17497004	Rinsate Blank	13C-1,2,3,7,8-PeCDD		76.9	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		65.0	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		67.7	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		64.2	(23%-140%)
		13C-OCDD		60.8	(17%-157%)
		13C-2,3,7,8-TCDF		76.9	(24%-169%)
		13C-1,2,3,7,8-PeCDF		76.5	(24%-185%)
		13C-2,3,4,7,8-PeCDF		75.9	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		64.0	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		64.7	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		64.9	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		65.0	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		61.0	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		59.4	(26%-138%)
		37Cl-2,3,7,8-TCDD		79.3	(35%-197%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A0L0214

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12028194	LCS for batch 45600	13C-2,3,7,8-TCDD		91.3	(20%-175%)
		13C-1,2,3,7,8-PeCDD		92.0	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		82.4	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		87.5	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		62.8	(22%-166%)
		13C-OCDD		37.6	(13%-199%)
		13C-2,3,7,8-TCDF		85.6	(22%-152%)
		13C-1,2,3,7,8-PeCDF		94.0	(21%-192%)
		13C-2,3,4,7,8-PeCDF		92.0	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		83.4	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		83.0	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		80.7	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		78.9	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		71.9	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		52.5	(20%-186%)
		37Cl-2,3,7,8-TCDD		88.6	(31%-191%)
12028195	LCSD for batch 45600	13C-2,3,7,8-TCDD		88.1	(20%-175%)
		13C-1,2,3,7,8-PeCDD		79.4	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		80.6	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		83.8	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		75.3	(22%-166%)
		13C-OCDD		46.4	(13%-199%)
		13C-2,3,7,8-TCDF		85.6	(22%-152%)
		13C-1,2,3,7,8-PeCDF		86.8	(21%-192%)
		13C-2,3,4,7,8-PeCDF		81.0	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		81.4	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		80.8	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		80.3	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		79.0	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		77.2	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		61.6	(20%-186%)
		37Cl-2,3,7,8-TCDD		85.8	(31%-191%)
12028193	MB for batch 45600	13C-2,3,7,8-TCDD		95.4	(25%-164%)
		13C-1,2,3,7,8-PeCDD		89.4	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		88.2	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		88.7	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		78.3	(23%-140%)
		13C-OCDD		43.0	(17%-157%)
		13C-2,3,7,8-TCDF		84.6	(24%-169%)
		13C-1,2,3,7,8-PeCDF		95.9	(24%-185%)
		13C-2,3,4,7,8-PeCDF		90.6	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		91.5	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		89.3	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		85.3	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		81.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		79.7	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		63.5	(26%-138%)
		37Cl-2,3,7,8-TCDD		88.7	(35%-197%)
17497001	ISM-A-20201203--After Processing	13C-2,3,7,8-TCDD		85.9	(25%-164%)

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A0L0214

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
17497001	ISM-A-20201203--After Processing	13C-1,2,3,7,8-PeCDD		86.5	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		80.0	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		76.9	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		79.0	(23%-140%)
		13C-OCDD		54.6	(17%-157%)
		13C-2,3,7,8-TCDF		79.9	(24%-169%)
		13C-1,2,3,7,8-PeCDF		89.7	(24%-185%)
		13C-2,3,4,7,8-PeCDF		86.4	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		80.1	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		75.2	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		75.1	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		76.3	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		75.3	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		66.7	(26%-138%)
		37Cl-2,3,7,8-TCDD		84.8	(35%-197%)
17497002	ISM-B-20201204--After Processing	13C-2,3,7,8-TCDD		88.4	(25%-164%)
		13C-1,2,3,7,8-PeCDD		97.6	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		78.1	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		77.4	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		77.4	(23%-140%)
		13C-OCDD		53.8	(17%-157%)
		13C-2,3,7,8-TCDF		78.8	(24%-169%)
		13C-1,2,3,7,8-PeCDF		99.5	(24%-185%)
		13C-2,3,4,7,8-PeCDF		96.0	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		79.5	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		73.7	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		74.3	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		74.1	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		74.6	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		65.9	(26%-138%)
		37Cl-2,3,7,8-TCDD		91.6	(35%-197%)
17497003	ISM-C-20201204--After Processing	13C-2,3,7,8-TCDD		85.8	(25%-164%)
		13C-1,2,3,7,8-PeCDD		85.9	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		80.5	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		79.8	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		78.9	(23%-140%)
		13C-OCDD		54.4	(17%-157%)
		13C-2,3,7,8-TCDF		80.6	(24%-169%)
		13C-1,2,3,7,8-PeCDF		91.1	(24%-185%)
		13C-2,3,4,7,8-PeCDF		85.7	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		83.2	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		78.3	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		77.8	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		76.6	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		77.4	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		68.6	(26%-138%)
		37Cl-2,3,7,8-TCDD		82.3	(35%-197%)

* Recovery outside Acceptance Limits

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A0L0214

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A0L0214 **Sample Type:** Laboratory Control Sample

Client ID: LCS for batch 45600 **Matrix:** SOIL

Lab Sample ID: 12028194

Instrument: HRP750 **Analysis Date:** 12/16/2020 15:21 **Dilution:** 1

Analyst: MLL **Prep Batch ID:** 45600

Batch ID: 45603

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	20.0	19.5	97.6	67-158
40321-76-4	LCS	1,2,3,7,8-PeCDD	100	102	102	70-142
39227-28-6	LCS	1,2,3,4,7,8-HxCDD	100	101	101	70-164
57653-85-7	LCS	1,2,3,6,7,8-HxCDD	100	101	101	76-134
19408-74-3	LCS	1,2,3,7,8,9-HxCDD	100	98.7	98.7	64-162
35822-46-9	LCS	1,2,3,4,6,7,8-HpCDD	100	95.8	95.8	70-140
3268-87-9	LCS	1,2,3,4,6,7,8,9-OCDD	200	189	94.7	78-144
51207-31-9	LCS	2,3,7,8-TCDF	20.0	19.3	96.3	75-158
57117-41-6	LCS	1,2,3,7,8-PeCDF	100	99.6	99.6	80-134
57117-31-4	LCS	2,3,4,7,8-PeCDF	100	102	102	68-160
70648-26-9	LCS	1,2,3,4,7,8-HxCDF	100	96.7	96.7	72-134
57117-44-9	LCS	1,2,3,6,7,8-HxCDF	100	101	101	84-130
60851-34-5	LCS	2,3,4,6,7,8-HxCDF	100	96.7	96.7	70-156
72918-21-9	LCS	1,2,3,7,8,9-HxCDF	100	95.2	95.2	78-130
67562-39-4	LCS	1,2,3,4,6,7,8-HpCDF	100	99.4	99.4	82-122
55673-89-7	LCS	1,2,3,4,7,8,9-HpCDF	100	93.7	93.7	78-138
39001-02-0	LCS	1,2,3,4,6,7,8,9-OCDF	200	173	86.5	63-170

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A0L0214 **Sample Type:** Laboratory Control Sample Duplicate

Client ID: LCSD for batch 45600 **Matrix:** SOIL

Lab Sample ID: 12028195

Instrument: HRP750 **Analysis Date:** 12/16/2020 16:09 **Dilution:** 1

Analyst: MLL **Prep Batch ID:** 45600

Batch ID: 45603

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	20.0	18.9	94.5	67-158	3.14	0-20
40321-76-4	LCSD	1,2,3,7,8-PeCDD	100	106	106	70-142	3.47	0-20
39227-28-6	LCSD	1,2,3,4,7,8-HxCDD	100	101	101	70-164	0.360	0-20
57653-85-7	LCSD	1,2,3,6,7,8-HxCDD	100	103	103	76-134	1.78	0-20
19408-74-3	LCSD	1,2,3,7,8,9-HxCDD	100	102	102	64-162	3.17	0-20
35822-46-9	LCSD	1,2,3,4,6,7,8-HpCDD	100	95.3	95.3	70-140	0.561	0-20
3268-87-9	LCSD	1,2,3,4,6,7,8,9-OCDD	200	190	94.9	78-144	0.280	0-20
51207-31-9	LCSD	2,3,7,8-TCDF	20.0	19.0	95.2	75-158	1.22	0-20
57117-41-6	LCSD	1,2,3,7,8-PeCDF	100	96.6	96.6	80-134	3.13	0-20
57117-31-4	LCSD	2,3,4,7,8-PeCDF	100	105	105	68-160	3.15	0-20
70648-26-9	LCSD	1,2,3,4,7,8-HxCDF	100	97.6	97.6	72-134	0.972	0-20
57117-44-9	LCSD	1,2,3,6,7,8-HxCDF	100	100	100	84-130	0.943	0-20
60851-34-5	LCSD	2,3,4,6,7,8-HxCDF	100	97.9	97.9	70-156	1.22	0-20
72918-21-9	LCSD	1,2,3,7,8,9-HxCDF	100	96.2	96.2	78-130	1.03	0-20
67562-39-4	LCSD	1,2,3,4,6,7,8-HpCDF	100	97.5	97.5	82-122	1.95	0-20
55673-89-7	LCSD	1,2,3,4,7,8,9-HpCDF	100	96.5	96.5	78-138	2.94	0-20
39001-02-0	LCSD	1,2,3,4,6,7,8,9-OCDF	200	173	86.4	63-170	0.0613	0-20

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A0L0214 **Sample Type:** Laboratory Control Sample

Client ID: LCS for batch 45631 **Matrix:** WATER

Lab Sample ID: 12028227

Instrument: HRP750 **Analysis Date:** 12/28/2020 16:45 **Dilution:** 1

Analyst: CLP **Prep Batch ID:** 45631

Batch ID: 45635

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	200	174	87.1	67-158
40321-76-4	LCS	1,2,3,7,8-PeCDD	1000	968	96.8	70-142
39227-28-6	LCS	1,2,3,4,7,8-HxCDD	1000	941	94.1	70-164
57653-85-7	LCS	1,2,3,6,7,8-HxCDD	1000	959	95.9	74-134
19408-74-3	LCS	1,2,3,7,8,9-HxCDD	1000	963	96.3	64-162
35822-46-9	LCS	1,2,3,4,6,7,8-HpCDD	1000	932	93.2	70-140
3268-87-9	LCS	1,2,3,4,6,7,8,9-OCDD	2000	1780	88.8	78-144
51207-31-9	LCS	2,3,7,8-TCDF	200	172	85.8	75-158
57117-41-6	LCS	1,2,3,7,8-PeCDF	1000	926	92.6	80-134
57117-31-4	LCS	2,3,4,7,8-PeCDF	1000	962	96.2	68-160
70648-26-9	LCS	1,2,3,4,7,8-HxCDF	1000	915	91.5	72-134
57117-44-9	LCS	1,2,3,6,7,8-HxCDF	1000	943	94.3	84-130
60851-34-5	LCS	2,3,4,6,7,8-HxCDF	1000	915	91.5	70-156
72918-21-9	LCS	1,2,3,7,8,9-HxCDF	1000	912	91.2	78-130
67562-39-4	LCS	1,2,3,4,6,7,8-HpCDF	1000	893	89.3	82-122
55673-89-7	LCS	1,2,3,4,7,8,9-HpCDF	1000	911	91.1	78-138
39001-02-0	LCS	1,2,3,4,6,7,8,9-OCDF	2000	1660	83.2	63-170

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: A0L0214 **Sample Type:** Laboratory Control Sample Duplicate

Client ID: LCSD for batch 45631 **Matrix:** WATER

Lab Sample ID: 12028228

Instrument: HRP750 **Analysis Date:** 12/28/2020 17:34 **Dilution:** 1

Analyst: CLP **Prep Batch ID:** 45631

Batch ID: 45635

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	200	177	88.6	67-158	1.74	0-20
40321-76-4	LCSD	1,2,3,7,8-PeCDD	1000	966	96.6	70-142	0.256	0-20
39227-28-6	LCSD	1,2,3,4,7,8-HxCDD	1000	946	94.6	70-164	0.528	0-20
57653-85-7	LCSD	1,2,3,6,7,8-HxCDD	1000	966	96.6	74-134	0.735	0-20
19408-74-3	LCSD	1,2,3,7,8,9-HxCDD	1000	956	95.6	64-162	0.813	0-20
35822-46-9	LCSD	1,2,3,4,6,7,8-HpCDD	1000	932	93.2	70-140	0.0107	0-20
3268-87-9	LCSD	1,2,3,4,6,7,8,9-OCDD	2000	1780	89	78-144	0.276	0-20
51207-31-9	LCSD	2,3,7,8-TCDF	200	175	87.3	75-158	1.68	0-20
57117-41-6	LCSD	1,2,3,7,8-PeCDF	1000	922	92.2	80-134	0.381	0-20
57117-31-4	LCSD	2,3,4,7,8-PeCDF	1000	969	96.9	68-160	0.719	0-20
70648-26-9	LCSD	1,2,3,4,7,8-HxCDF	1000	906	90.6	72-134	0.951	0-20
57117-44-9	LCSD	1,2,3,6,7,8-HxCDF	1000	944	94.4	84-130	0.0806	0-20
60851-34-5	LCSD	2,3,4,6,7,8-HxCDF	1000	901	90.1	70-156	1.56	0-20
72918-21-9	LCSD	1,2,3,7,8,9-HxCDF	1000	926	92.6	78-130	1.47	0-20
67562-39-4	LCSD	1,2,3,4,6,7,8-HpCDF	1000	871	87.1	82-122	2.46	0-20
55673-89-7	LCSD	1,2,3,4,7,8,9-HpCDF	1000	904	90.4	78-138	0.774	0-20
39001-02-0	LCSD	1,2,3,4,6,7,8,9-OCDF	2000	1670	83.7	63-170	0.562	0-20

Method Blank Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Matrix:**	**SOIL**
Client ID:	**MB for batch 45600**	**Instrument ID:**	**HRP750**	**Data File:**	**A16DEC20A_2-3**
Lab Sample ID:	**12028193**	**Prep Date:**	**15-DEC-20**	**Analyzed:**	**12/16/20 16:57**
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 45600	12028194	A16DEC20A_2-1	12/16/20	1521
02	LCSD for batch 45600	12028195	A16DEC20A_2-2	12/16/20	1609
03	ISM-A-20201203--After Processing	17497001	A16DEC20A_2-7	12/16/20	2012
04	ISM-B-20201204--After Processing	17497002	A16DEC20A_2-8	12/16/20	2100
05	ISM-C-20201204--After Processing	17497003	A16DEC20A_2-9	12/16/20	2149

Method Blank Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Matrix:**	**WATER**
Client ID:	**MB for batch 45631**	**Instrument ID:**	**HRP750**	**Data File:**	**A28DEC20D-4**
Lab Sample ID:	**12028226**	**Prep Date:**	**17-DEC-20**	**Analyzed:**	**12/28/20 18:22**
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 45631	12028227	A28DEC20D-2	12/28/20	1645
02	LCSD for batch 45631	12028228	A28DEC20D-3	12/28/20	1734
03	Rinsate Blank	17497004	A28DEC20D-12	12/29/20	0048

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028193**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 45600**				
Client ID:	**MB for batch 45600**			**Prep Basis:**	**As Received**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 16:57**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-3**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.111	pg/g	0.111	1.00
40321-76-4	1,2,3,7,8-PeCDD	J	0.112	pg/g	0.0932	5.00
39227-28-6	1,2,3,4,7,8-HxCDD	J	0.232	pg/g	0.160	5.00
57653-85-7	1,2,3,6,7,8-HxCDD	JK	0.172	pg/g	0.150	5.00
19408-74-3	1,2,3,7,8,9-HxCDD	JK	0.246	pg/g	0.157	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD	JK	0.340	pg/g	0.216	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD	J	0.946	pg/g	0.694	10.0
51207-31-9	2,3,7,8-TCDF	U	0.148	pg/g	0.148	1.00
57117-41-6	1,2,3,7,8-PeCDF	U	0.116	pg/g	0.116	5.00
57117-31-4	2,3,4,7,8-PeCDF	JK	0.152	pg/g	0.107	5.00
70648-26-9	1,2,3,4,7,8-HxCDF	JK	0.344	pg/g	0.101	5.00
57117-44-9	1,2,3,6,7,8-HxCDF	J	0.208	pg/g	0.104	5.00
60851-34-5	2,3,4,6,7,8-HxCDF	J	0.222	pg/g	0.108	5.00
72918-21-9	1,2,3,7,8,9-HxCDF	JK	0.262	pg/g	0.166	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF	JK	0.618	pg/g	0.144	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF	J	0.294	pg/g	0.258	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF	J	0.742	pg/g	0.518	10.0
41903-57-5	Total TeCDD	U	0.111	pg/g	0.111	1.00
36088-22-9	Total PeCDD	J	0.112	pg/g	0.0932	5.00
34465-46-8	Total HxCDD	JK	0.650	pg/g	0.150	5.00
37871-00-4	Total HpCDD	JK	0.570	pg/g	0.216	5.00
30402-14-3	Total TeCDF	J	0.154	pg/g	0.148	1.00
30402-15-4	Total PeCDF	JK	0.504	pg/g	0.0706	5.00
55684-94-1	Total HxCDF	JK	1.25	pg/g	0.101	5.00
38998-75-3	Total HpCDF	JK	0.912	pg/g	0.144	5.00
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.339	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.404	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		191	200	pg/g	95.4	(25%-164%)
13C-1,2,3,7,8-PeCDD		179	200	pg/g	89.4	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		176	200	pg/g	88.2	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		177	200	pg/g	88.7	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		157	200	pg/g	78.3	(23%-140%)
13C-OCDD		172	400	pg/g	43.0	(17%-157%)
13C-2,3,7,8-TCDF		169	200	pg/g	84.6	(24%-169%)
13C-1,2,3,7,8-PeCDF		192	200	pg/g	95.9	(24%-185%)
13C-2,3,4,7,8-PeCDF		181	200	pg/g	90.6	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		183	200	pg/g	91.5	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		179	200	pg/g	89.3	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		171	200	pg/g	85.3	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		164	200	pg/g	81.8	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028193**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 45600**				
Client ID:	**MB for batch 45600**			**Prep Basis:**	**As Received**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 16:57**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-3**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		159	200	pg/g	79.7	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		127	200	pg/g	63.5	(26%-138%)
37Cl-2,3,7,8-TCDD		17.7	20.0	pg/g	88.7	(35%-197%)

Comments:

J Value is estimated

K Estimated Maximum Possible Concentration

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028194**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 45600**				
Client ID:	**LCS for batch 45600**			**Prep Basis:**	**As Received**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 15:21**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-1**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		19.5	pg/g	0.133	1.00
40321-76-4	1,2,3,7,8-PeCDD		102	pg/g	0.230	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		101	pg/g	0.464	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		101	pg/g	0.452	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		98.7	pg/g	0.464	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		95.8	pg/g	0.658	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		189	pg/g	1.34	10.0
51207-31-9	2,3,7,8-TCDF		19.3	pg/g	0.151	1.00
57117-41-6	1,2,3,7,8-PeCDF		99.6	pg/g	0.286	5.00
57117-31-4	2,3,4,7,8-PeCDF		102	pg/g	0.262	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		96.7	pg/g	0.586	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		101	pg/g	0.570	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		96.7	pg/g	0.646	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		95.2	pg/g	0.920	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		99.4	pg/g	0.372	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		93.7	pg/g	0.810	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		173	pg/g	1.40	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		183	200	pg/g	91.3	(20%-175%)
13C-1,2,3,7,8-PeCDD		184	200	pg/g	92.0	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		165	200	pg/g	82.4	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		175	200	pg/g	87.5	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		126	200	pg/g	62.8	(22%-166%)
13C-OCDD		150	400	pg/g	37.6	(13%-199%)
13C-2,3,7,8-TCDF		171	200	pg/g	85.6	(22%-152%)
13C-1,2,3,7,8-PeCDF		188	200	pg/g	94.0	(21%-192%)
13C-2,3,4,7,8-PeCDF		184	200	pg/g	92.0	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		167	200	pg/g	83.4	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		166	200	pg/g	83.0	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		161	200	pg/g	80.7	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		158	200	pg/g	78.9	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		144	200	pg/g	71.9	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		105	200	pg/g	52.5	(20%-186%)
37Cl-2,3,7,8-TCDD		17.7	20.0	pg/g	88.6	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028195**			**Matrix:**	**SOIL**
Client Sample:	**QC for batch 45600**				
Client ID:	**LCSD for batch 45600**			**Prep Basis:**	**As Received**
Batch ID:	**45603**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/16/2020 16:09**	**Analyst:**	**MLL**	**Instrument:**	**HRP750**
Data File:	**A16DEC20A_2-2**			**Dilution:**	**1**
Prep Batch:	**45600**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**15-DEC-20**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		18.9	pg/g	0.113	1.00
40321-76-4	1,2,3,7,8-PeCDD		106	pg/g	0.200	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		101	pg/g	0.406	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		103	pg/g	0.406	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		102	pg/g	0.412	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		95.3	pg/g	0.616	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		190	pg/g	1.53	10.0
51207-31-9	2,3,7,8-TCDF		19.0	pg/g	0.160	1.00
57117-41-6	1,2,3,7,8-PeCDF		96.6	pg/g	0.248	5.00
57117-31-4	2,3,4,7,8-PeCDF		105	pg/g	0.250	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		97.6	pg/g	0.502	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		100	pg/g	0.512	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		97.9	pg/g	0.534	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		96.2	pg/g	0.776	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		97.5	pg/g	0.428	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		96.5	pg/g	0.874	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		173	pg/g	1.27	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		176	200	pg/g	88.1	(20%-175%)
13C-1,2,3,7,8-PeCDD		159	200	pg/g	79.4	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		161	200	pg/g	80.6	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		168	200	pg/g	83.8	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		151	200	pg/g	75.3	(22%-166%)
13C-OCDD		186	400	pg/g	46.4	(13%-199%)
13C-2,3,7,8-TCDF		171	200	pg/g	85.6	(22%-152%)
13C-1,2,3,7,8-PeCDF		174	200	pg/g	86.8	(21%-192%)
13C-2,3,4,7,8-PeCDF		162	200	pg/g	81.0	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		163	200	pg/g	81.4	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		162	200	pg/g	80.8	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		161	200	pg/g	80.3	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		158	200	pg/g	79.0	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		154	200	pg/g	77.2	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		123	200	pg/g	61.6	(20%-186%)
37Cl-2,3,7,8-TCDD		17.2	20.0	pg/g	85.8	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028226**			**Matrix:**	**WATER**
Client Sample:	**QC for batch 45631**				
Client ID:	**MB for batch 45631**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/28/2020 18:22**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-4**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1000 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	1.26	pg/L	1.26	10.0
40321-76-4	1,2,3,7,8-PeCDD	U	0.828	pg/L	0.828	50.0
39227-28-6	1,2,3,4,7,8-HxCDD	U	1.38	pg/L	1.38	50.0
57653-85-7	1,2,3,6,7,8-HxCDD	U	1.37	pg/L	1.37	50.0
19408-74-3	1,2,3,7,8,9-HxCDD	U	1.39	pg/L	1.39	50.0
35822-46-9	1,2,3,4,6,7,8-HpCDD	U	1.82	pg/L	1.82	50.0
3268-87-9	1,2,3,4,6,7,8,9-OCDD	JK	3.92	pg/L	3.28	100
51207-31-9	2,3,7,8-TCDF	U	1.22	pg/L	1.22	10.0
57117-41-6	1,2,3,7,8-PeCDF	U	0.990	pg/L	0.990	50.0
57117-31-4	2,3,4,7,8-PeCDF	U	0.978	pg/L	0.978	50.0
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.980	pg/L	0.980	50.0
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.996	pg/L	0.996	50.0
60851-34-5	2,3,4,6,7,8-HxCDF	U	1.03	pg/L	1.03	50.0
72918-21-9	1,2,3,7,8,9-HxCDF	U	1.46	pg/L	1.46	50.0
67562-39-4	1,2,3,4,6,7,8-HpCDF	U	1.18	pg/L	1.18	50.0
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	1.72	pg/L	1.72	50.0
39001-02-0	1,2,3,4,6,7,8,9-OCDF	U	2.86	pg/L	2.86	100
41903-57-5	Total TeCDD	U	1.26	pg/L	1.26	10.0
36088-22-9	Total PeCDD	U	0.828	pg/L	0.828	50.0
34465-46-8	Total HxCDD	U	1.37	pg/L	1.37	50.0
37871-00-4	Total HpCDD	U	1.82	pg/L	1.82	50.0
30402-14-3	Total TeCDF	U	1.22	pg/L	1.22	10.0
30402-15-4	Total PeCDF	U	0.978	pg/L	0.978	50.0
55684-94-1	Total HxCDF	U	0.980	pg/L	0.980	50.0
38998-75-3	Total HpCDF	U	1.18	pg/L	1.18	50.0
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.00118	pg/L		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		1.72	pg/L		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1560	2000	pg/L	77.9	(25%-164%)
13C-1,2,3,7,8-PeCDD		1500	2000	pg/L	74.8	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		1320	2000	pg/L	65.8	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		1390	2000	pg/L	69.4	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		1350	2000	pg/L	67.3	(23%-140%)
13C-OCDD		2440	4000	pg/L	61.0	(17%-157%)
13C-2,3,7,8-TCDF		1590	2000	pg/L	79.6	(24%-169%)
13C-1,2,3,7,8-PeCDF		1500	2000	pg/L	74.8	(24%-185%)
13C-2,3,4,7,8-PeCDF		1500	2000	pg/L	75.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		1270	2000	pg/L	63.7	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		1300	2000	pg/L	64.8	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		1310	2000	pg/L	65.3	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		1340	2000	pg/L	67.1	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028226**			**Matrix:**	**WATER**
Client Sample:	**QC for batch 45631**				
Client ID:	**MB for batch 45631**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/28/2020 18:22**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-4**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1000 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		1270	2000	pg/L	63.3	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		1200	2000	pg/L	60.1	(26%-138%)
37Cl-2,3,7,8-TCDD		164	200	pg/L	82.0	(35%-197%)

Comments:

J Value is estimated

K Estimated Maximum Possible Concentration

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028227**			**Matrix:**	**WATER**
Client Sample:	**QC for batch 45631**				
Client ID:	**LCS for batch 45631**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/28/2020 16:45**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-2**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1000 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		174	pg/L	2.50	10.0
40321-76-4	1,2,3,7,8-PeCDD		968	pg/L	3.90	50.0
39227-28-6	1,2,3,4,7,8-HxCDD		941	pg/L	7.26	50.0
57653-85-7	1,2,3,6,7,8-HxCDD		959	pg/L	6.76	50.0
19408-74-3	1,2,3,7,8,9-HxCDD		963	pg/L	7.08	50.0
35822-46-9	1,2,3,4,6,7,8-HpCDD		932	pg/L	9.50	50.0
3268-87-9	1,2,3,4,6,7,8,9-OCDD		1780	pg/L	19.7	100
51207-31-9	2,3,7,8-TCDF		172	pg/L	2.62	10.0
57117-41-6	1,2,3,7,8-PeCDF		926	pg/L	3.98	50.0
57117-31-4	2,3,4,7,8-PeCDF		962	pg/L	3.90	50.0
70648-26-9	1,2,3,4,7,8-HxCDF		915	pg/L	7.60	50.0
57117-44-9	1,2,3,6,7,8-HxCDF		943	pg/L	7.84	50.0
60851-34-5	2,3,4,6,7,8-HxCDF		915	pg/L	8.02	50.0
72918-21-9	1,2,3,7,8,9-HxCDF		912	pg/L	11.6	50.0
67562-39-4	1,2,3,4,6,7,8-HpCDF		893	pg/L	8.48	50.0
55673-89-7	1,2,3,4,7,8,9-HpCDF		911	pg/L	13.7	50.0
39001-02-0	1,2,3,4,6,7,8,9-OCDF		1660	pg/L	12.6	100

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1500	2000	pg/L	74.9	(20%-175%)
13C-1,2,3,7,8-PeCDD		1440	2000	pg/L	71.9	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		1250	2000	pg/L	62.3	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		1310	2000	pg/L	65.5	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		1280	2000	pg/L	64.0	(22%-166%)
13C-OCDD		2630	4000	pg/L	65.7	(13%-199%)
13C-2,3,7,8-TCDF		1430	2000	pg/L	71.3	(22%-152%)
13C-1,2,3,7,8-PeCDF		1390	2000	pg/L	69.6	(21%-192%)
13C-2,3,4,7,8-PeCDF		1370	2000	pg/L	68.4	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		1230	2000	pg/L	61.5	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		1220	2000	pg/L	60.8	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		1240	2000	pg/L	61.9	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		1270	2000	pg/L	63.3	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		1170	2000	pg/L	58.4	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		1180	2000	pg/L	58.8	(20%-186%)
37Cl-2,3,7,8-TCDD		158	200	pg/L	78.8	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**A0L0214**	**Client:**	**APEX001**	**Project:**	**APEX00320**
Lab Sample ID:	**12028228**			**Matrix:**	**WATER**
Client Sample:	**QC for batch 45631**				
Client ID:	**LCSD for batch 45631**			**Prep Basis:**	**As Received**
Batch ID:	**45635**	**Method:**	**EPA Method 1613B**		
Run Date:	**12/28/2020 17:34**	**Analyst:**	**CLP**	**Instrument:**	**HRP750**
Data File:	**A28DEC20D-3**			**Dilution:**	**1**
Prep Batch:	**45631**	**Prep Method:**	**SW846 3520C**		
Prep Date:	**17-DEC-20**	**Prep Aliquot:**	**1000 mL**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		177	pg/L	1.59	10.0
40321-76-4	1,2,3,7,8-PeCDD		966	pg/L	2.22	50.0
39227-28-6	1,2,3,4,7,8-HxCDD		946	pg/L	5.32	50.0
57653-85-7	1,2,3,6,7,8-HxCDD		966	pg/L	5.06	50.0
19408-74-3	1,2,3,7,8,9-HxCDD		956	pg/L	5.26	50.0
35822-46-9	1,2,3,4,6,7,8-HpCDD		932	pg/L	9.10	50.0
3268-87-9	1,2,3,4,6,7,8,9-OCDD		1780	pg/L	18.9	100
51207-31-9	2,3,7,8-TCDF		175	pg/L	1.85	10.0
57117-41-6	1,2,3,7,8-PeCDF		922	pg/L	3.52	50.0
57117-31-4	2,3,4,7,8-PeCDF		969	pg/L	3.26	50.0
70648-26-9	1,2,3,4,7,8-HxCDF		906	pg/L	5.98	50.0
57117-44-9	1,2,3,6,7,8-HxCDF		944	pg/L	5.92	50.0
60851-34-5	2,3,4,6,7,8-HxCDF		901	pg/L	6.16	50.0
72918-21-9	1,2,3,7,8,9-HxCDF		926	pg/L	9.04	50.0
67562-39-4	1,2,3,4,6,7,8-HpCDF		871	pg/L	6.40	50.0
55673-89-7	1,2,3,4,7,8,9-HpCDF		904	pg/L	10.1	50.0
39001-02-0	1,2,3,4,6,7,8,9-OCDF		1670	pg/L	13.3	100

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1740	2000	pg/L	87.1	(20%-175%)
13C-1,2,3,7,8-PeCDD		1720	2000	pg/L	86.1	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		1490	2000	pg/L	74.4	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		1550	2000	pg/L	77.4	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		1470	2000	pg/L	73.3	(22%-166%)
13C-OCDD		3070	4000	pg/L	76.9	(13%-199%)
13C-2,3,7,8-TCDF		1710	2000	pg/L	85.4	(22%-152%)
13C-1,2,3,7,8-PeCDF		1700	2000	pg/L	84.9	(21%-192%)
13C-2,3,4,7,8-PeCDF		1680	2000	pg/L	84.2	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		1470	2000	pg/L	73.3	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		1460	2000	pg/L	72.9	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		1450	2000	pg/L	72.7	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		1440	2000	pg/L	72.0	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		1330	2000	pg/L	66.4	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		1380	2000	pg/L	69.1	(20%-186%)
37Cl-2,3,7,8-TCDD		166	200	pg/L	83.2	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

APPENDIX B

DATA VALIDATION MEMORANDUM

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 9003.01.56 | JANUARY 11, 2021 | PORT OF RIDGEFIELD

Maul Foster & Alongi, Inc., conducted an independent review of the quality of analytical results for sediment monitoring samples collected in Lake River, located offshore of the former Pacific Wood Treating Co. site in Ridgefield, Washington. The samples were collected on December 3 and 4, 2020.

Apex Laboratories, LLC (Apex) and Cape Fear Analytical, LLC (CF) performed the analyses. Apex report A0L0214 and CF report WO17497 were reviewed; CF report WO17497 was appended to report A0L0214. The samples were collected using incremental sampling methodology (ISM) and were first processed at Apex. Apex analyzed the prepared samples for total organic carbon (TOC) by Puget Sound Estuary Program (PSEP)–recommended Standard Methods for the Examination of Water and Wastewater Method 5310B modified, after which the samples were submitted to CF for analysis of chlorinated dibenzo-p-dioxins and dibenzofurans (dioxins/furans) by U.S. Environmental Protection Agency (EPA) Method 1613B. An equipment rinsate blank was also submitted to Apex for SM 5310C TOC analysis and to CF for EPA Method 1613B analysis. The following samples were analyzed.

Samples Analyzed
Report A0L0214/WO17497
ISM-A-20201203
ISM-B-20201204
ISM-C-20201204
Rinsate Blank

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of EPA procedures (EPA, 2016, 2017) and appropriate laboratory and method-specific guidelines (Apex, 2019; CF, 2020; EPA, 1986).

EPA Method 1613B dioxin/furan results that had been reported as estimated maximum potential concentrations (EMPCs) were qualified by the reviewer with "U," as non-detect at the reported value.

EPA Method 1613B results reported by CF as EMPCs that were also associated with method blank detections requiring qualification are discussed in the method blank section of this validation report and are not discussed in the EMPC qualification tables below.

EPA Method 1613B total homolog results flagged as EMPCs by the laboratory were qualified by the reviewer with "UJ," as non-detect with an estimated detection limit (EDL), at the

reported concentration when all associated congeners were reported by the laboratory either as EMPCs or non-detect. However, when one or more associated congener was reported as a detection without an EMPC qualifier, the total homolog result was qualified by the reviewer with "J," as estimated. EPA Method 1613B EMPC results were qualified by the reviewer as follows:

Report	Sample	Component	Original Result (pg/g)	Qualified Result (pg/g)
WO17497	ISM-A-20201203	2,3,7,8-TCDF	0.232 JK	0.232 UJ
		Total TCDF	1.09 JK	1.09 UJ
		Total PeCDF	3.67 JK	3.67 J
		Total HxCDF	12.1 JK	12.1 J
	ISM-B-20201204	2,3,7,8-TCDF	0.298 JK	0.298 UJ
		Total HxCDD	11.1 JK	11.1 J
		Total PeCDF	4.29 JK	4.29 J
		Total HxCDF	18.7 JK	18.7 J
	ISM-C-20201204	2,3,7,8-TCDF	0.285 JK	0.285 UJ
		Total PeCDD	2.07 JK	2.07 UJ
		Total HxCDD	14.6 JK	14.6 J
		Total TCDF	1.00 JK	1.00 UJ
		Total PeCDF	5.27 JK	5.27 J

NOTES:
J = result is estimated value.
JK = result is an estimated value and an estimated maximum potential concentration.
pg/g = picograms per gram.
UJ = result is non-detect with an estimated detection limit.

Data validation procedures were modified, as appropriate, to accommodate quality-control requirements for methods not specifically addressed by the EPA procedures (e.g., PSEP/SM 5310B).

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

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, laboratory method blanks were associated with all samples prepared in an analytical batch. Where an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than five times the method blank concentration.

According to report WO17497, the EPA Method 1613B batch 45600 method blank had several dioxin/furan congener and homolog detections between the EDL and the method reporting limit (MRL). CF also flagged some method blank detections as EMPCs. Associated sample results less than five times the method blank concentrations have been qualified as follows:

Report	Sample	Component	Method Blank Result (pg/g)	Original Result (pg/g)	Qualified Result (pg/g)
WO17497	ISM-A-20201203	1,2,3,7,8-PeCDD	0.112 J	0.275 J	0.275 UJ
		1,2,3,4,7,8-HxCDD	0.232 J	0.385 J	0.385 UJ
		1,2,3,7,8,9-HxCDD	0.246 JK	0.762 J	0.762 UJ
		2,3,4,7,8-PeCDF	0.152 JK	0.381 JK	0.381 UJ
		1,2,3,4,7,8-HxCDF	0.344 JK	0.685 J	0.685 UJ
		1,2,3,6,7,8-HxCDF	0.208 J	0.368 JK	0.368 UJ
		2,3,4,6,7,8-HxCDF	0.222 J	0.540 J	0.540 UJ
		1,2,3,7,8,9-HxCDF	0.262 JK	0.392 J	0.392 UJ
		1,2,3,4,7,8,9-HpCDF	0.294 J	0.627 J	0.627 UJ
	ISM-B-20201204	1,2,3,4,7,8-HxCDD	0.232 J	0.369 J	0.369 UJ
		1,2,3,7,8,9-HxCDD	0.246 JK	0.868 J	0.868 UJ
		2,3,4,7,8-PeCDF	0.152 JK	0.497 JK	0.497 UJ
		1,2,3,4,7,8-HxCDF	0.344 JK	1.03 J	1.03 UJ
		1,2,3,6,7,8-HxCDF	0.208 J	0.532 J	0.532 UJ
		2,3,4,6,7,8-HxCDF	0.222 J	0.572 JK	0.572 UJ
		1,2,3,7,8,9-HxCDF	0.262 JK	0.550 J	0.550 UJ
		1,2,3,4,7,8,9-HpCDF	0.294 J	0.646 J	0.646 UJ
		Total TCDF	0.154 J	0.738 JK	0.738 UJ

Report	Sample	Component	Method Blank Result (pg/g)	Original Result (pg/g)	Qualified Result (pg/g)
	ISM-C-20201204	1,2,3,7,8-PeCDD	0.112 J	0.287 JK	0.287 UJ
		1,2,3,4,7,8-HxCDD	0.232 J	0.459 J	0.459 UJ
		1,2,3,7,8,9-HxCDD	0.246 JK	1.01 J	1.01 UJ
		2,3,4,7,8-PeCDF	0.152 JK	0.491 J	0.491 UJ
		1,2,3,4,7,8-HxCDF	0.344 JK	1.11 J	1.11 UJ
		1,2,3,6,7,8-HxCDF	0.208 J	0.521 J	0.521 UJ
		2,3,4,6,7,8-HxCDF	0.222 J	0.661 J	0.661 UJ
		1,2,3,7,8,9-HxCDF	0.262 JK	0.509 J	0.509 UJ
		1,2,3,4,7,8,9-HpCDF	0.294 J	0.686 J	0.686 UJ

NOTES:
J = result is estimated.
JK = result is estimated and is an estimated maximum potential concentration.
pg/g = picograms per gram.
UJ = result is non-detect with an estimated detection limit.

According to report WO17497, the EPA Method 1613B batch 45631 method blank had a detection of 1,2,3,4,6,7,8,9-OCDD between the EDL and the MRL. The associated sample result was non-detect; thus, qualification was not required.

Trip Blanks

Trip blanks were not required for this sampling event.

Equipment Rinsate Blanks

An equipment rinsate blank (Rinsate Blank) was submitted for SM 5310C and EPA Method 1613B analysis. The equipment rinsate blank was non-detect to the MRL for SM 5310C and non-detect to EDLs for all EPA Method 1613B analytes.

LABELED ANALOG STANDARD RECOVERY RESULTS

All EPA Method 1613B samples were spiked with C13-labeled analog standards (surrogates) to evaluate and document data recovery. 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 samples were extracted and analyzed at the required frequency. MSD results were not reported.

According to report A0L0214, the SM 5310C batch 0120274 MS exceeded the upper percent recovery acceptance limit of 114 percent for TOC, at 116 percent. The MS was prepared with

a sample from an unrelated project, and the associated sample was non-detect; thus, qualification was not required.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. Laboratory duplicate results within five times the MRL were not evaluated for precision. All laboratory duplicate relative percent differences (RPDs) were within acceptance limits.

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. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD results were within acceptance limits for percent recovery and RPD.

ISM REPLICATE EVALUATION

Triplicate ISM samples were collected and submitted to Apex and CF for TOC and dioxin/furan analysis, respectively (ISM-A-20201203, ISM-B-20201204, and ISM-C-20201204). The relative standard deviations (RSDs) of dioxin/furan and TOC results were calculated when all three results were detected. RSDs were not calculated when results were non-detect or qualified as U because of EMPCs. When RSDs exceeded 35 percent, ISM replicate results were qualified with J as estimated.

RSDs were 20 percent for TOC and ranged from 6.5 percent to 22.5 percent for detected dioxin/furan congeners and homologs. No qualification was required.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. Apex and CF did not report CCV results.

REPORTING LIMITS

CF and Apex used routine MRLs and EDLs for non-detect results. MRLs and EDLs were adjusted for samples requiring dilutions because of high analyte concentrations, matrix interferences, or ratio criteria exceedances (resulting in EMPCs).

DATA PACKAGE

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

All ISM sample names reported by Apex were appended with "--After Processing" to indicate ISM sample processing, or with "--As Received" to indicate the original unprocessed sample. For brevity, samples are referenced in this validation memorandum by the original sample name.

Apex indicated in the report A0L0214 cooler receipt form that sample collection date and time were not recorded on sample containers and that the sample names recorded on the sample containers did not match the names recorded on the chain of custody. The reviewer confirmed that sample "ISMA" was matched to "ISM-A-20201203," "ISMB" was matched to "ISM-B-20201204," "ISMC" was matched to "ISM-C-20201204," and "Rinsate" was matched to "Rinsate Blank."

No additional issues were found.

REFERENCES

Apex. 2019. Quality systems manual. Rev. 77. Apex Laboratories, LLC, Tigard, Oregon. February 11.

CF. 2020. Quality assurance plan. Rev. 17. Cape Fear Analytical, LLC, Wilmington, North Carolina. March 11.

EPA. 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), VI phase II (2018), and VI phase III (2019).

EPA. 2016. EPA contract laboratory program, national functional guidelines for high resolution Superfund methods data review. EPA 542-B-16-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. April.

EPA. 2017. EPA contract laboratory program, national functional guidelines for inorganic Superfund methods data review. EPA 540-R-2017-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

APPENDIX D-4

LAKE RIVER BANK INTEGRITY MONITORING PLAN

LAKE RIVER BANK INTEGRITY MONITORING PLAN

The Lake River engineered bank will be monitored annually through 2020 to verify effective containment of underlying soils. The bank integrity monitoring procedures are designed to evaluate changes in stability along the bank, identify and evaluate any changes over time, and determine any corrective actions. The bank was constructed consistent with the project design and specifications as described in the Comprehensive Operations and Maintenance Plan (COMP), to which this document is included as an appendix.

1. BACKGROUND

As part of the Lake River remedial action, a layer of erosion-resistant fish mix and geotextile fabric was placed along the length of the LRIS to resist erosion and act as a physical barrier to any movement of underlying soil and sediment. Fish mix was placed at a slope no steeper than 4H:1V, with a minimum 2-foot thickness. The fish mix stabilization layer is a well-graded mixture of river cobble and gravel that begins at the toe of the slope and transitions to a planted turf reinforcement mat (TRM) (between +11 and +14 National Geodetic Vertical Datum [NGVD]) that extends to the top of the bank (approximately +22 NGVD).

2. VISUAL MONITORING SCHEDULE

Visual monitoring will be completed for the bank cap and the visible (i.e., above-water) near-shore rock and planted TRM annually through 2020 to identify changes and evaluate the physical integrity and stability of the bank. Visual monitoring will be conducted during low-water periods so that the bank areas most susceptible to wave action and other physical changes can be observed. Low-water elevation typically will depend on tide fluctuations and will occur in late summer or in the fall.

3. VISUAL MONITORING PROCEDURES

Visual monitoring events will be conducted by the engineer or representative of the engineer familiar with the site and the monitoring requirements. Monitoring will be conducted from the top of the bank. The bank will be visually inspected for the following:

- General bank conditions
- Areas where fish mix rock appears unstable or disturbed
- Areas of apparent erosion
- Areas of inconsistent vegetative cover or where invasive vegetative species are observed, consistent with procedures identified in the Lake River Riparian Maintenance Plan (see COMP Appendix D-6)
- Any apparent loss of rock or planted turf material

During the inspection, observations will be documented on the attached form. Representative photographs will also be taken to document general bank conditions and any of the areas identified above.

4. VISUAL MONITORING RESULTS

Areas having erosion or minimal bank stability will be reviewed by the engineer, and corrective actions will be developed to address the issue(s).

Results of the visual monitoring will be reported annually along with the Soil Management and Cap Maintenance Plan (SMCMP) monitoring results. The SMCMP is provided as COMP Appendix B-1.

LAKE RIVER BANK INTEGRITY MONITORING FORM - 2017

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 10/29/2017 Inspector: LINDSEY CROSBY

General Bank Conditions

GENERAL BANK CONDITIONS ARE GOOD. NO EVIDENCE OF UNSTABLE OR DISTURBED ROCK. SOME EXPOSED MATTING ALONG TOP OF BANK, BUT OTHERWISE GOOD VEGETATION COVER.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☒	☐	1
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☒	

Comments

If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	VERY MINOR EROSION OBSERVED AROUND NORTHERN-MOST OUTFALL PIPE.
2	SPOTS OF MATTING EXPOSED ALONG LENGTH OF BANK. OVERALL GOOD VEGETATION COVER. 1 TREE/SHRUB ROOTED IN FISH MIX. SOME THISTLE WEED OBERVED ON NORTHERN PORTION OF BANK - INVASIVE SPECIES TO BE ADDRESSED DURING CARTY LAKE REVEGETATION ACTIVITIES.

Signature Reviewer/Representative: [signature] Date: 10/29/17

Firm: MAUL FOSTER & ALONGI

Attach photos: SEE ATTACH PHOTO ARRAY.

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 1

North end of bank – Looking south (STA 2+50)

Photo No. 2

Exposed matting at North end of bank (STA 3+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 3

Thistle at North end of bank (STA 4+00)

Photo No. 4

Minor erosion around northernmost outfall pipe (STA 5+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 5

Single tree rooted mid-slope (STA 10+00)

Photo No. 6

Staining of rocks at kayak launch outfall (near STA 13+00)

PHOTOGRAPHS

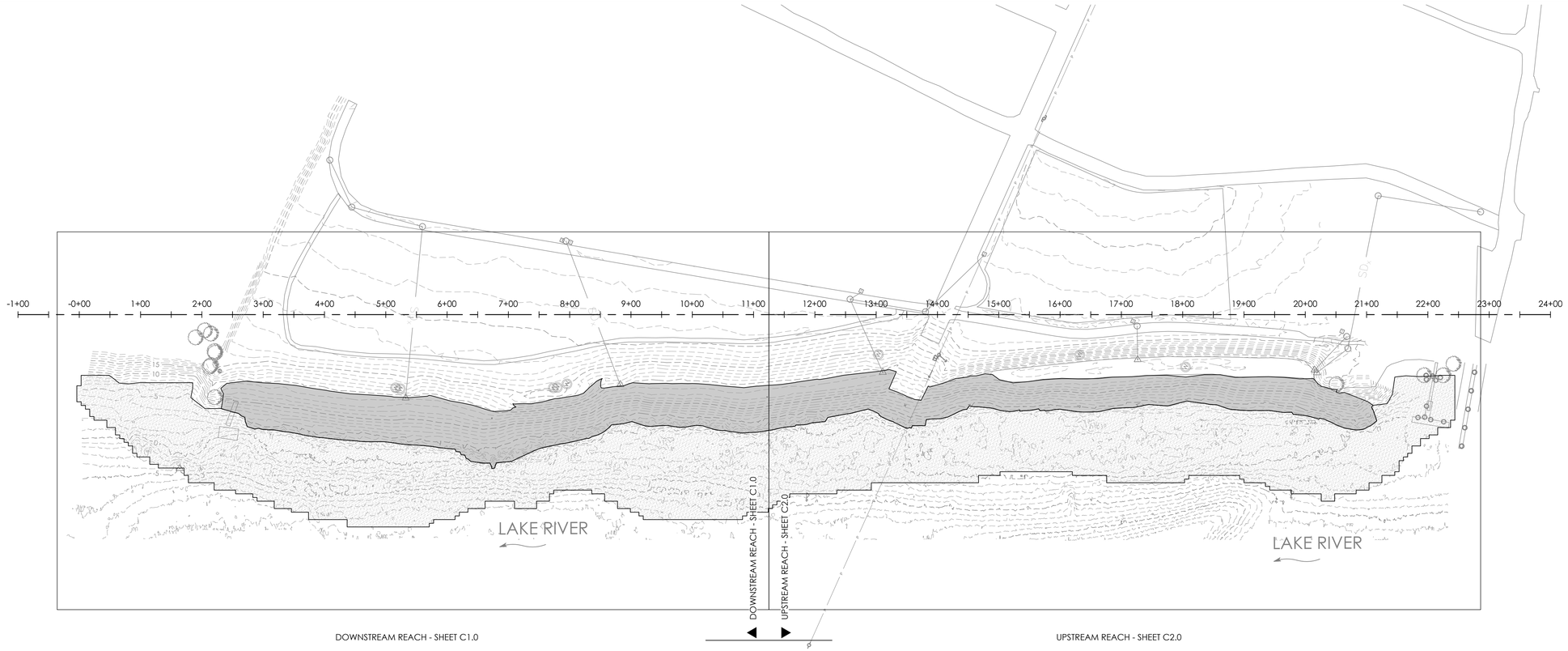
Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 7

Exposed matting along top of bank, looking north (STA 13+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

LAKE RIVER BANK INTEGRITY MONITORING FORM -2018

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 10/16/18 Inspector: BROOKE HARMON

General Bank Conditions

GENERAL BANK CONDITIONS ARE GOOD. NO EVIDENCE OF UNSTABLE OR DISTURBED ROCK. MATTING ALONG TOP OF BANK IS EXPOSED, OTHERWISE GOOD VEGETATION COVER.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☒	☐	1
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☒	

Comments

If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	MINOR EROSION AROUND NORTHERN-MOST OUT FALL PIPE
2	SPOTS OF MATTING EXPOSED ALONG LENGTH OF BANK (MORE SOUTH ON THE NORTH END). OVERALL GOOD VEGETATION. 1 TREE / SHRUB ROOTED IN FISH MIX. THISTLE WEED OBSERVED ON NORTHERN PORTION OF BANK (INCREASED FROM LAST YEAR)

Signature Reviewer/Representative: Brooke Harmon Date: 10/16/18

Firm: MAUL FOSTER + ALONGI

Attach photos: SEE ATTACHED PHOTO ARRAY

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 1

North end of bank, looking south (STA 2+50)

Photo No. 2

Exposed matting at north end of bank (STA 3+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 3

Thistle at North end of bank (STA 4+00)

Photo No. 4

Minor erosion around northernmost outfall pipe (STA 5+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 5

Single tree rooted mid-slope (STA 10+00)

Photo No. 6

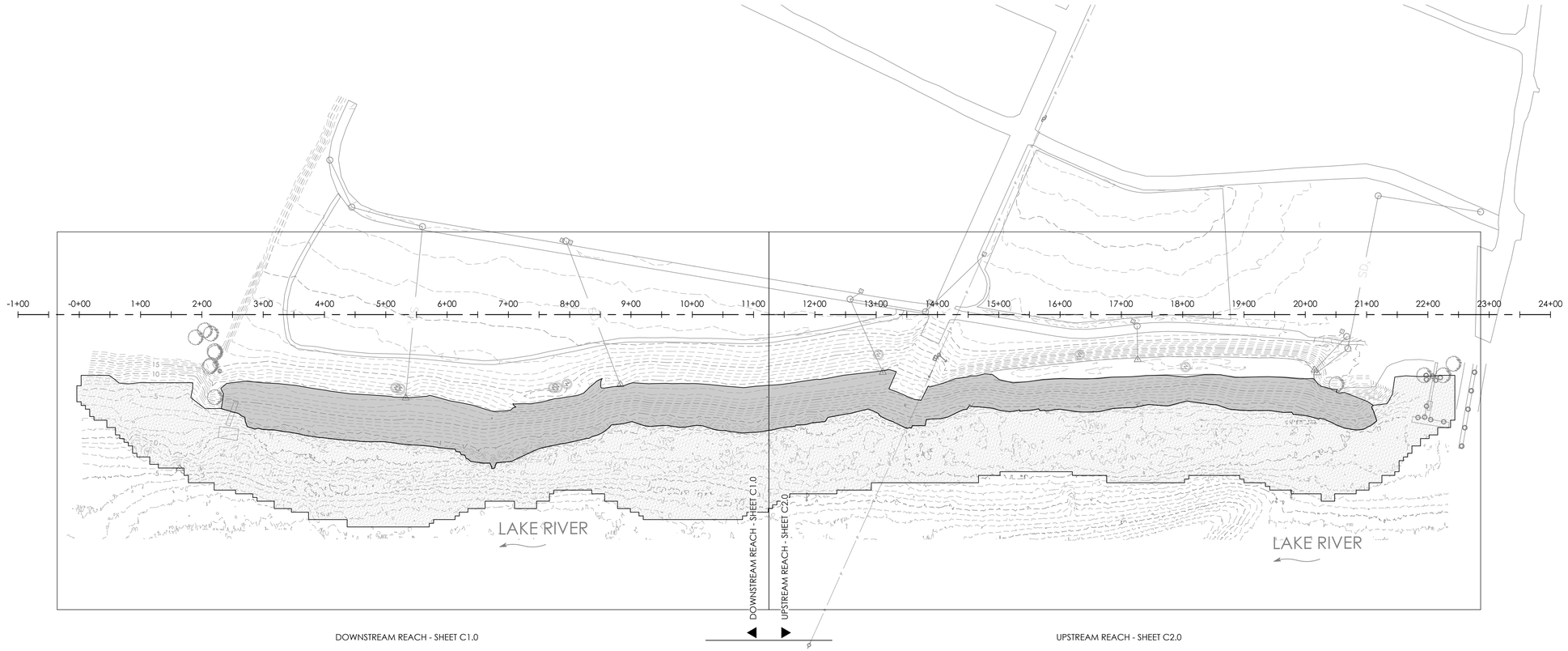
Staining of rocks at kayak launch outfall (near STA 13+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 7

Top of bank, looking north (STA 8+00)



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

LAKE RIVER BANK INTEGRITY MONITORING FORM-2019

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 11/6/2019 Inspector: M. Pollock

General Bank Conditions

General bank condition is good. There is no evidence of unstable or disturbed rock. Matting exposed along portions of bank.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☒	☐	1
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☐	

Comments

If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	Minor erosion around two of the northern-most outfall pipes.
2	Matting exposed along gravel walkway on southern end of bank. Matting exposed along length of bank (more prevelent on north end of bank). Overall good vegetation coverage. Most of the upland shrubs have died. Marker stakes in-place with no live plants. Some trees/shrubs and invasive species observed in fish mix.

Signature Reviewer/Representative: Meaghan Black Date: 11/6/19

Firm: Mavel Foster & Alongi

Attach photos:

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 1.

Description
North end of bank, facing northwest (STA 4+50)

Photo No. 2.

Description
Minor erosion around northernmost outfall pipe, facing west (STA 5+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 3.

Description
Exposed matting at north end of bank, facing west (STA 7+50)

Photo No. 4.

Description
North end of bank, facing northwest (STA 8+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 5.

Description
Upland shrub planting, facing north (STA 8+00)

Photo No. 6.

Description
Central portion of bank, facing west (STA 8+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 7.

Description
Unidentified invasive species in fish mix, facing northwest (STA 8+50)

Photo No. 8.

Description
Minor erosion around outfall pipe near kayak launch, facing southwest (STA 13+00)

PHOTOGRAPHS

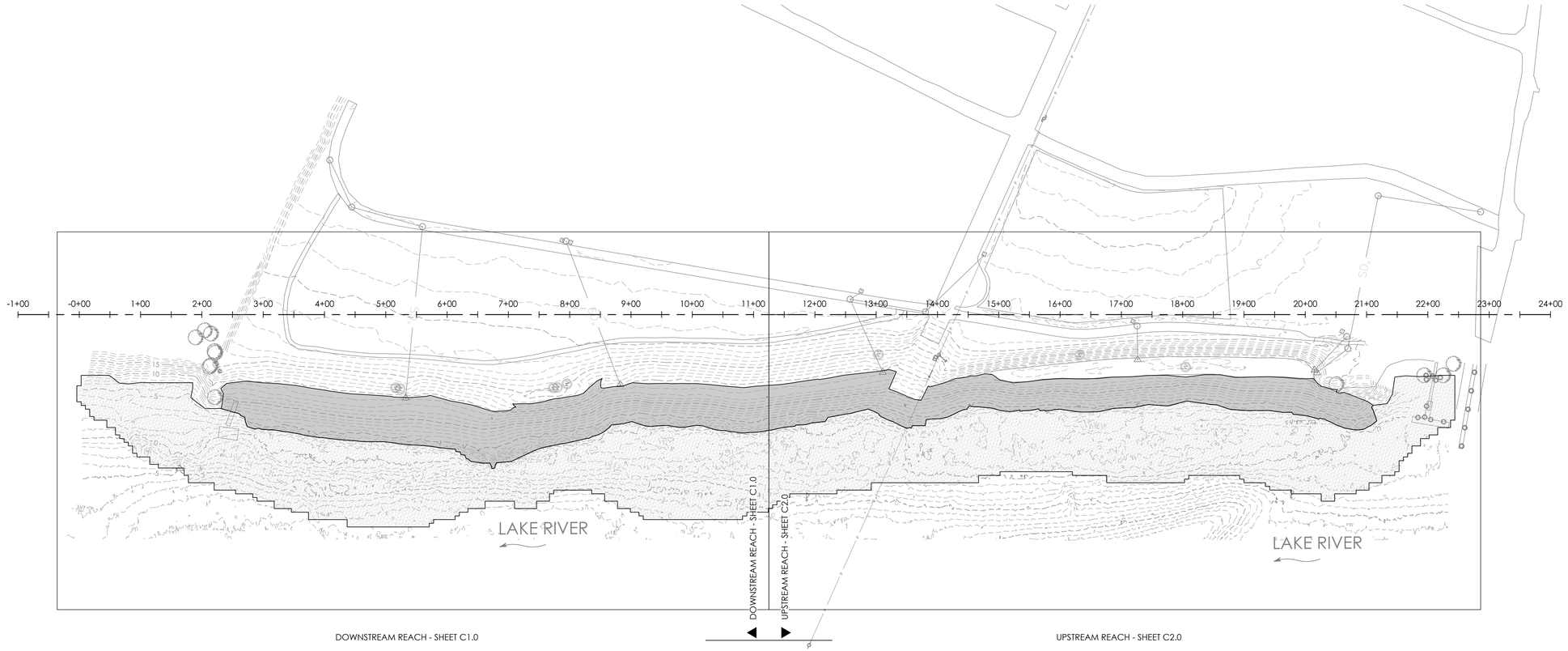
Project Name: Lake River Bank Monitoring
Project Number: 9003.01.49
Location: Port of Ridgefield, Washington

Photo No. 9.

Description
Staining of rocks at kayak launch outfall, facing northeast (STA 13+00)

Photo No. 10.

Description
Exposed matting along gravel walkway, facing northwest (STA 20+50)



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

LAKE RIVER BANK INTEGRITY MONITORING FORM-2020

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER ~~CARTY LAKE~~ BANK INTEGRITY MONITORING FORM

Inspection date: 11/11/2020 Inspector: BROOKE HARMON

General Bank Conditions

GENERAL BANK CONDITION IS GOOD. THERE IS NO EVIDENCE OF UNSTABLE OR DISTURBED ROCK. MATTING EXPOSED ALONG PORTIONS OF BANK.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where rock or planted turf appears unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☒	☐	1
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or planted turf appears to be diminished?	☐	☒	

Comments

If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	MINOR EROSION AROUND TWO OF THE NORTHER-MOST OUTFALL PIPES
2	MATTING EXPOSED ALONG GRAVEL WALKWAY ON SOUTHERN END OF BANK. MATTING EXPOSED ALONG LENGTH OF BANK OVERALL GOOD VEGETATION COVERAGE. SOME TREES/ SHRUBS/ INVASIVE SPECIES OBSERVED IN FISH MIX.

Signature Reviewer/Representative: Brooke Harmon Date: 11/11/2020

Firm: MAUL FOSTER + ALONGI

Attach photos:

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 1.

Description
North end of bank, facing northwest (STA 4+50)

Photo No. 2.

Description
Inconsistent vegetation and exposed matting from unauthorized vehicle traffic, facing northwest (STA 4+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 3.

Description
Minor erosion around northernmost outfall pipe, facing west (STA 5+50)

Photo No. 4.

Description
Exposed matting at north end of bank, facing west (STA 7+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 5.

Description
North end of bank, facing northwest (STA 8+00)

Photo No. 6.

Description
Upland shrub planting, facing north (STA 8+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 7.

Description
Central portion of bank, facing west (STA 8+50)

Photo No. 8.

Description
Unidentified invasive species in fish mix, facing northwest (STA 8+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 9.

Description
Minor erosion around outfall pipe near kayak launch, facing west (STA 13+00)

Photo No. 10.

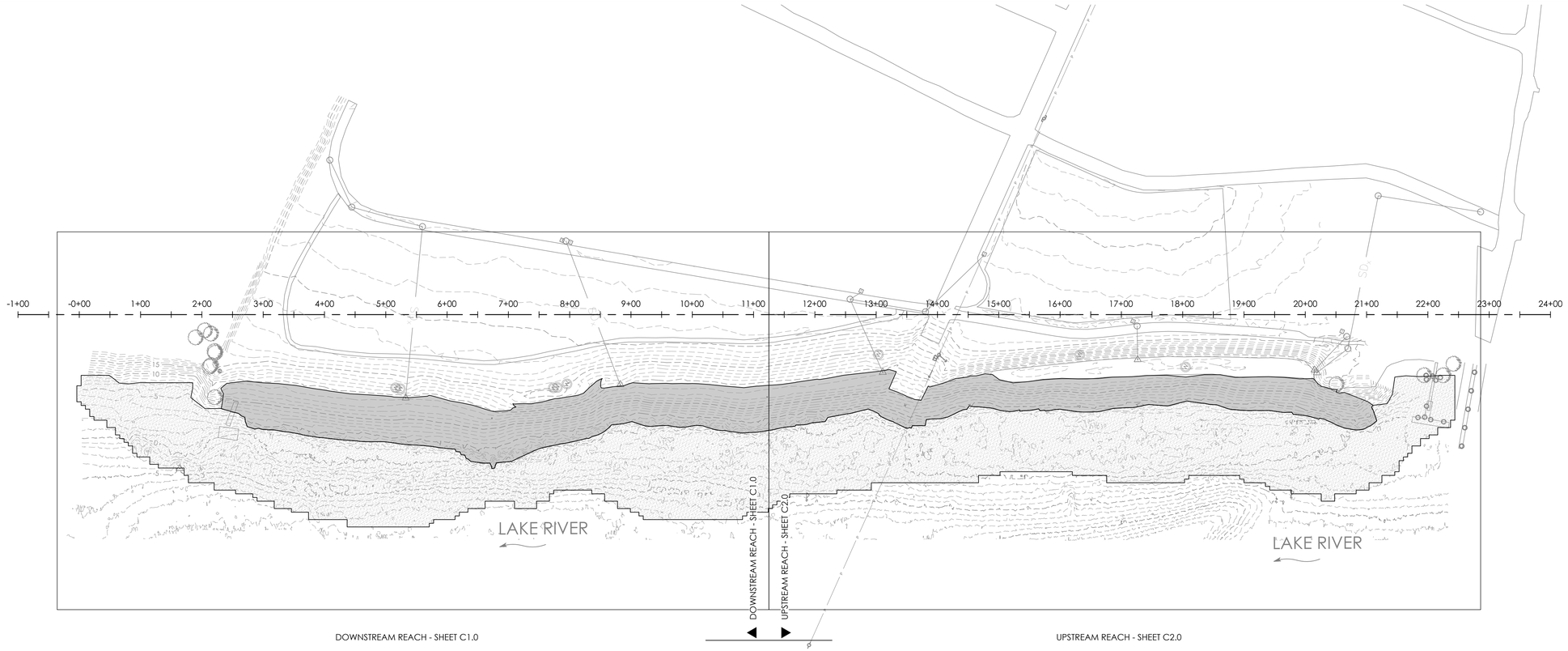
Description
Staining of rocks at kayak launch outfall, facing northeast (STA 13+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.55
Location: Port of Ridgefield, Washington

Photo No. 11.

Description
Exposed matting along gravel walkway, facing northwest (STA 20+50)



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

LAKE RIVER BANK INTEGRITY MONITORING FORM-2021

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 12-2-2021 Inspector: M. Pollock

General Bank Conditions

General bank condition is good. There is no evidence of unstable or disturbed rock. Matting exposed along portions of bank.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☒	☐	1
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☒	

Comments

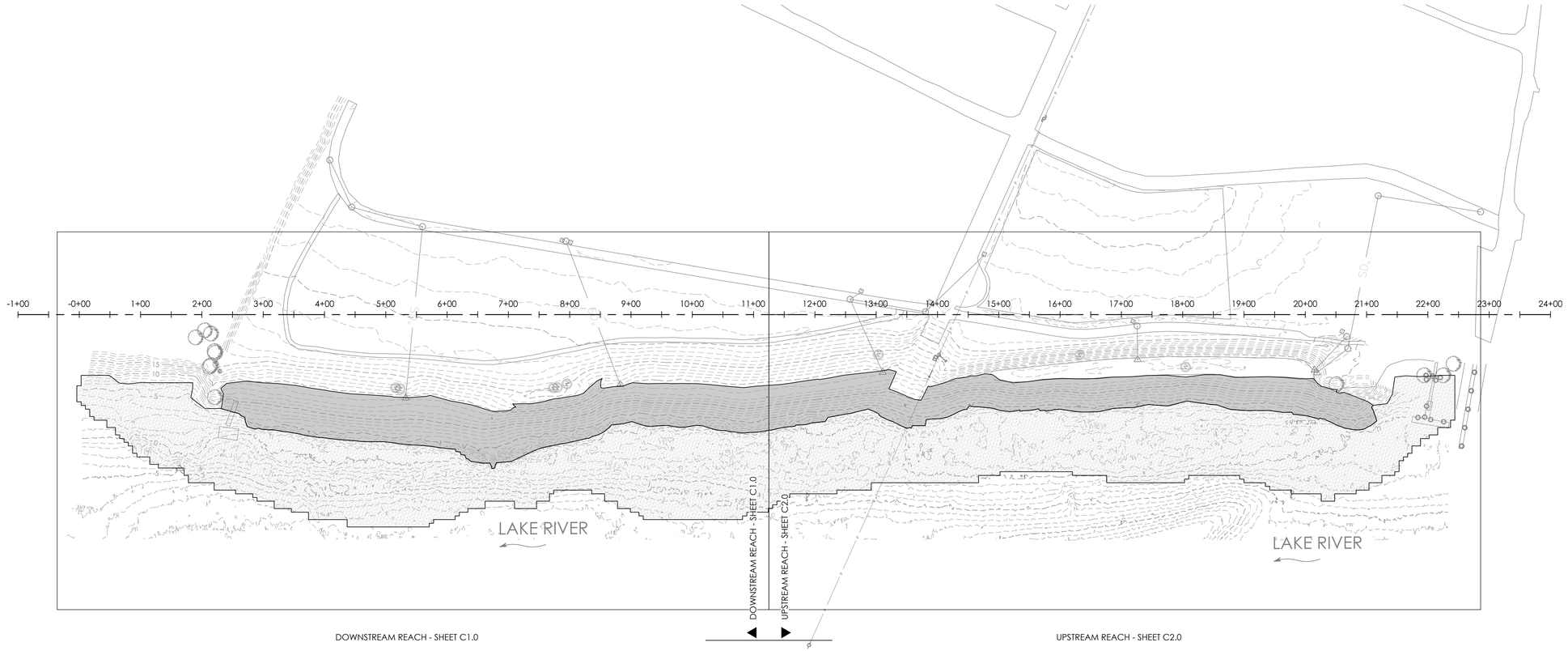
If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	Minor erosion around three of the outfall pipes.
2	matting is exposed along gravel walkway on southern end of bank. matting exposed along length of bank. Overall good vegetative coverage. Some trees/ shrubs / invasive species observed in fish mix.

Signature Reviewer/Representative: [signature] Date: 12-2-2021

Firm: Mark Foster & Alongi, Inc.

Attach photos:



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 1.

Description
North end of bank, facing northwest (STA 4+50)

Photo No. 2.

Description
Inconsistent vegetation and exposed matting from unauthorized vehicle traffic, facing northwest (STA 4+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 3.

Description
Minor erosion around northernmost outfall pipe, facing west (STA 5+50)

Photo No. 4.

Description
Exposed matting at north end of bank, facing west (STA 7+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 5.

Description
North end of bank, facing northwest (STA 8+00)

Photo No. 6.

Description
Upland shrub planting, facing north (STA 8+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 7.

Description
Central portion of bank, facing west (STA 8+50) Note broken outfall pipe

Photo No. 8.

Description
Broken outfall pipe (STA 8+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 9.

Description
Unidentified invasive species in fish mix, facing northwest (STA 8+50)

Photo No. 10.

Description
Minor erosion around outfall pipe near kayak launch, facing west (STA 13+00) Note broken outfall pipe

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: 9003.01.56
Location: Port of Ridgefield, Washington

Photo No. 11.

Description
Staining of rocks at kayak launch outfall, facing northeast (STA 13+00)

Photo No. 12.

Description
Exposed matting along gravel walkway, facing northwest (STA 20+50)

LAKE RIVER BANK INTEGRITY MONITORING FORM-2022

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 11-15-2022 Inspector: M. Pollock

General Bank Conditions

General bank condition is good. There is no evidence of unstable rock. There is one location on the bank with tire tracks and disturbed rock. Matting exposed along portions of bank.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☒	☐	1
2. Are there any areas of apparent erosion?	☐	☒	
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	2
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☒	

Comments

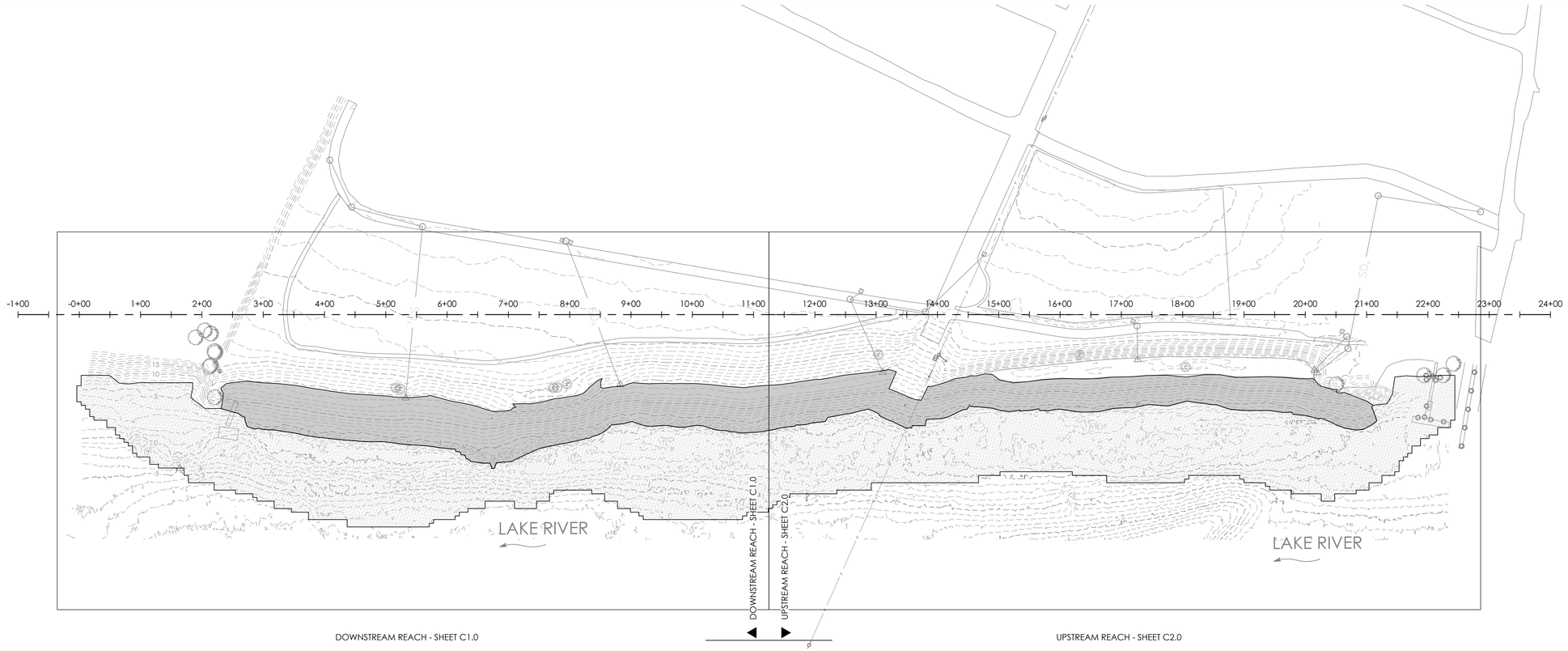
If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	tire tracks on bank at STA 9+50 has disturbed upper 6-inches of rock.
2	Matting is exposed along gravel walkway on southern end of bank. Matting exposed along length of bank. overall good vegetative coverage. Some trees / shrubs / invasive species observed in fish mix.

Signature Reviewer/Representative: Meaghan R Pollock Date: 11-15-2022

Firm: Maul Foster & Alongi, inc.

Attach photos:



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---

PROJECT: 9003.01.40

DESIGNED: J. ELLIOTT

DRAWN: J. ELLIOTT

CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 1.

Description
North end of bank, facing northwest (Station [STA] 4+50)

Photo No. 2.

Description
Good vegetative coverage along top of northern portion of bank, facing west (STA 4+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 3.

Description
Northernmost outfall pipe, facing west (STA 5+50). Note that erosion around this outfall denoted in the 2021 inspection has been remedied with a layer of river rock at the top of the outfall.

Photo No. 4.

Description
Exposed matting at north end of bank, facing west (STA 7+50)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 5.

Description
Unidentified invasive species in fish mix, facing northwest (STA 7+50)

Photo No. 6.

Description
North end of bank and upland shrub planting, facing northwest (STA 8+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 7.

Description
Central portion of bank, facing west (STA 8+50)

Photo No. 8.

Description
Outfall pipe (STA 8+50). Note that erosion around this outfall denoted in the 2021 inspection has been remedied with a layer of river rock at the top of the outfall. This outfall pipe was observed as broken during the 2021 inspection and has been repaired.

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 9.

Description
Tire tracks in fish mix on bank, facing northwest (STA 9+50)

Photo No. 10.

Description
Outfall pipe near kayak launch, facing west (STA 13+00). Note that erosion around this outfall denoted in the 2021 inspection has been remedied with a layer of river rock at the top of the outfall. This outfall pipe was observed as broken during the 2021 inspection and has been repaired.

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 11.

Description
Staining of rocks at kayak launch outfall, facing northeast (STA 13+00)

Photo No. 12.

Description
Exposed matting along gravel walkway, facing southwest (STA 17+00)

PHOTOGRAPHS

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: November 15, 2022

Photo No. 13.

Description
Outfall pipe, facing east (STA 18+00)

Photo No. 14.

Description
Exposed matting along gravel walkway, facing northwest (STA 20+50)

LAKE RIVER BANK INTEGRITY MONITORING FORM-2023

PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON
LAKE RIVER BANK INTEGRITY MONITORING FORM

Inspection date: 7-10-2025 Inspector: M. Pollock

General Bank Conditions

General bank condition is good. There is no evidence of unstable rock. Matting exposed along portions of bank.

Visual Monitoring Checklist

Visual observations made from top of bank:	YES	NO	COMMENT NO.
1. Are there areas where fish mix rocks appear unstable or disturbed?	☐	☒	
2. Are there any areas of apparent erosion?	☐	☒	
3. Are there areas of inconsistent cover or invasive vegetative species?	☒	☐	1
4. Are there areas where amount of rock or turf mat appears to be diminished?	☐	☒	

Comments

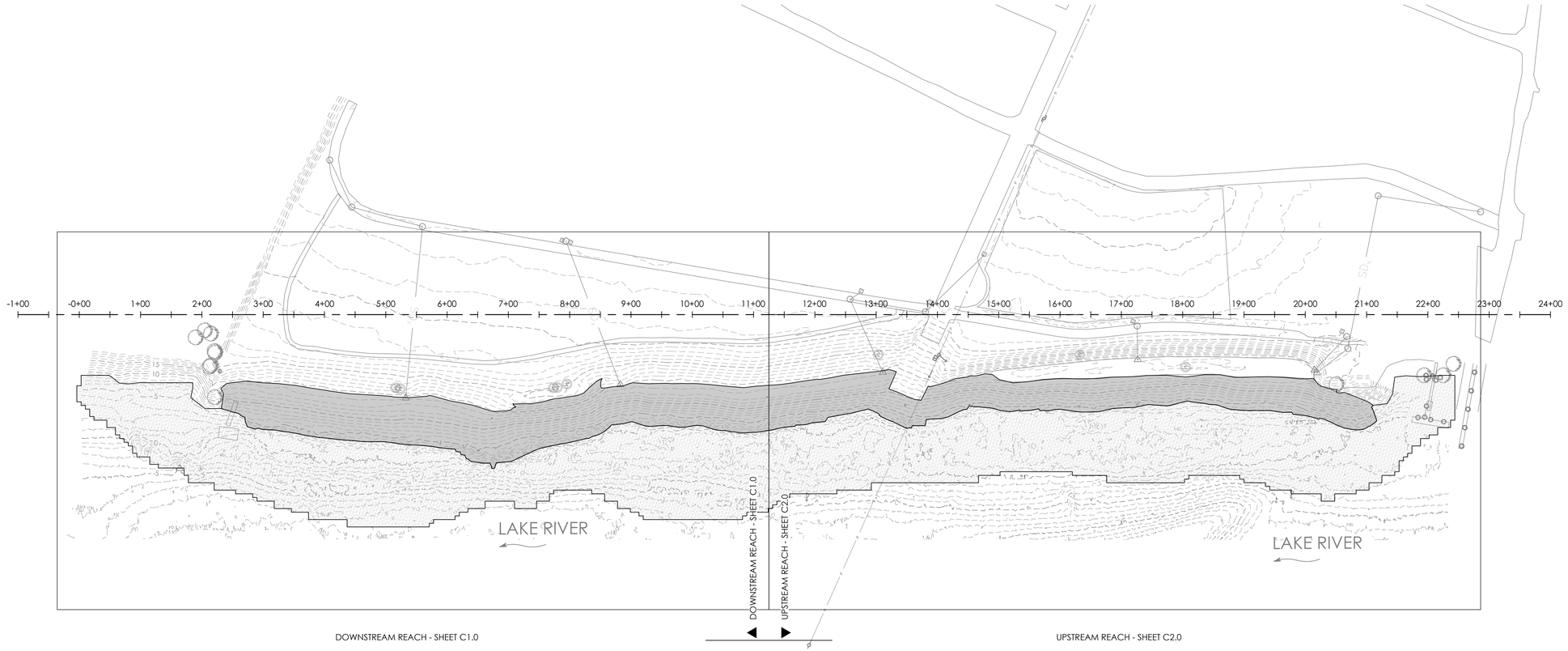
If any items listed above were checked YES, provide detailed description of the issue and the location:

COMMENT NUMBER	COMMENT
1	Matting is exposed along gravel walkway on southern end of bank. Matting exposed along length of bank. Overall good vegetative coverage. Some trees/shrubs/ invasive species observed in fish mix.

Signature Reviewer/Representative: [signature] Date: 7-10-23

Firm: Mauri Foster & Alongi, Inc.

Attach photos:



DOWNSTREAM REACH STATIONING LEGEND:

- 2015 RECORD SURVEY MAJOR CONTOUR (5' INTERVAL)
- 2015 RECORD SURVEY MINOR CONTOUR (1' INTERVAL)
- ENR SAND DESIGN EXTENTS
- FISH MIX DESIGN EXTENTS

MAUL FOSTER ALONGI
400 EAST MILL PLAIN BLVD, SUITE 400
VANCOUVER, WA 98660
PHONE: 360.694.2691
www.maulfoster.com

Port of Ridgefield

12/14/16

LAKE RIVER RECORD DRAWINGS

PORT OF RIDGEFIELD

RIDGEFIELD, WASHINGTON

ISSUE	DATE	DESCRIPTION
---	---	---
---	---	---
---	---	---

PROJECT: 9003.01.40
DESIGNED: J. ELLIOTT
DRAWN: J. ELLIOTT
CHECKED: ----

SCALE

0 100' 200

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

SHEET TITLE

RECORD DRAWING SITE MAP

SHEET

C0.0

PLOTTED ON: 2016-12-12 4:40 PM PLOTTED BY: Josh Elliott FILENAME: G:\00_MFA Civil\30\00_PROJECTS\9003.01.40 - Port of Ridgefield\Lake River Construction\PLANS\C0.0 - OVERALL PLAN.dwg

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 1.

Description

North end of bank, facing northwest (Station [STA] 4+50)

Photo No. 2.

Description

Good vegetative coverage along top of northern portion of bank, facing west (STA 4+50)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 3.

Description

Northernmost outfall pipe, facing west (STA 5+50).

Photo No. 4.

Description

Exposed matting at north end of bank, facing west (STA 7+50)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 5.

Description

Unidentified invasive species in fish mix, facing northwest (STA 7+50)

Photo No. 6.

Description

North end of bank and upland shrub planting, facing north (STA 8+00)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 7.

Description

Shrub planting along central portion of bank, facing northeast (STA 8+50)

Photo No. 8.

Description

Central portion of bank, facing west (STA 8+50)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 9.

Description

Outfall pipe (STA 8+50)

Photo No. 10.

Description

Outfall pipe near kayak launch, facing west (STA 13+00)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 11.

Description

Vegetation riverward of kayak launch outfall, facing northeast (STA 13+00)

Photo No. 12.

Description

Outfall pipe, facing southeast (STA 18+00)

Photographs

Project Name: Lake River Bank Monitoring
Project Number: M9003.01.056
Location: Port of Ridgefield, Washington
Date: July 10, 2023

Photo No. 13.

Description

Outfall pipe, facing south (STA 21+50)

Photo No. 14.

Description

Exposed matting along gravel walkway, facing northwest (STA 20+50)

APPENDIX D-5

REVISED LAKE RIVER RIPARIAN ENHANCEMENT PLAN

REVISED LAKE RIVER RIPARIAN ENHANCEMENT PLAN

ADDENDUM TO THE JOINT AQUATIC RESOURCES PERMIT APPLICATION

LAKE RIVER REMEDIAL ACTION
111 W DIVISION STREET
RIDGEFIELD, WASHINGTON

NWS-2013-875

Prepared for
PORT OF RIDGEFIELD
January 17, 2014
Project No. 9003.01.40

MAUL FOSTER ALONGI

Prepared by
Maul Foster & Alongi, Inc.
400 E Mill Plain Blvd., Suite 400, Vancouver WA 98660

REVISED LAKE RIVER RIPARIAN ENHANCEMENT PLAN

Maul Foster & Alongi, Inc. has prepared this riparian enhancement plan as a supplement to the Lake River Remedial Action Joint Aquatic Resources Permit Application (JARPA) (Reference Number NWS-2013-875). The purpose of the remedial action is to address historical contamination in the sediments in Lake River adjacent to the former Lake River Industrial Site (LRIS) (now referred to as Miller's Landing). The remedial action was designed to create a net benefit to the environment and will involve dredging and excavation of contaminated sediment in areas exceeding remediation levels, placing clean sand to control sediment residuals and enhance the recovery of low-level contamination, and bank stabilization (see Attachment 1 to the JARPA for a more detailed project description).

Mitigation sequencing has been incorporated throughout the design process for the project, which has been overseen by the Washington State Department of Ecology (Ecology). To effectively stabilize the bank, predominantly non-native and some native vegetation will be removed or covered. Removal of native shrubs and trees will be off-set through re-vegetation of the riverbank with natives following construction. This is consistent with federal regulations specifying that compensatory mitigation is required to ensure that impacts to the aquatic environment are minimized and offset (33 CFR, Parts 325 and 332, April 10, 2008). Per the regulations, a minimum 1:1 acreage or linear foot compensation must be provided (CFR 332.3(f)). In a letter from the U.S. Army Corps of Engineers (COE) on December 31, 2013, a 2:1 mitigation ratio (based on lineal feet) was requested to account for potential temporal impacts.

The purpose of this riparian enhancement plan is to (1) demonstrate that the proposed riparian enhancement meets and exceeds the 2:1 mitigation ratio, (2) describe measures that will be taken to improve habitat quality on the riverbank, and (3) outline plans for monitoring and maintenance.

MFA initially submitted a riparian enhancement plan on November 25, 2013 and received comments and a request for a revised riparian enhancement plan from the COE on December 31, 2013. During a conversation on January 8, 2014 the approach to the riparian enhancement documented herein was selected.

1. BACKGROUND

Lake River is west of the former LRIS (now known as Miller's Landing) and the Ridgefield National Wildlife Refuge. The LRIS was used as a wood processing and shipping site between 1964 and 1993, and cleanup actions have been conducted at the LRIS since 2000. Through the completion of a remedial investigation and feasibility study conducted under an Agreed Order, it was determined that Lake River sediments are contaminated at levels that present unacceptable risk to human health and to ecological receptors. Therefore, Ecology requires remedial actions in Lake River to address legacy contamination in the remedy area (see Exhibit C1.0). The remedial action provides environmental benefit, as it addresses unacceptable risks to ecological receptors, primarily by dredging contaminated sediment and eliminating the potential for erosion of contaminated soils into the aquatic environment.

2. PLAN OVERVIEW

Miller's Landing is a former industrial site that is planned for redevelopment with a mix of uses, including commercial, office, retail, and open space. The river bank at Miller's Landing is planned for recreational use, with trails and open grassy areas, and accommodates enhancements to habitat. The riparian habitat enhancement concept for Miller's Landing is to improve the physical characteristics of the riverbank and establish a native plant community. The enhancement concept includes:

- Grading the riverbank and adding fish mix rounded rock (7-inch median) from the toe of the slope to between approximately +11 and +14 feet National Geodetic Vertical Datum of 1929 (NGVD).
- Installing native trees, shrubs and groundcover in three discrete groves (planting groves 1, 2, and 3).
- Planting native grasses on the riverbank.

The native planting areas are located on the riverbank Cell 2, kayak launch, and Cell 3 reaches (see Exhibits L1.0 and L1.1). In the Cell 2 and kayak launch reaches, the planting area generally extends from ordinary high-water mark (OHW) of +14 feet NGVD to the gravel trail and includes native grasses and two discrete groves; the landward extent of the planting area generally follows the top of the riverbank. The planting area in the Cell 3 reach is comprised of one discrete grove; note native grasses were previously planted in the Cell 3 reach.

3. COMPENSATORY MITIGATION

The riverbank will be re-graded and fish mix rounded rock will be installed from the toe of the slope to between approximately +11 and +14 feet NGVD. These bank stabilization elements were designed to account for Lake River wave action and to reduce soil erosion. Construction includes the removal or covering of vegetation. Existing vegetation is primarily non-native, however some natives are present. Removal of native vegetation requires compensatory mitigation and mitigation will be achieved with native vegetation plantings.

A survey of existing native tree and shrub vegetation was completed by MFA ecologists on January 10, 2014. Conditions were overcast, with some light rain. Temperatures were in the mid-40s (Fahrenheit). Native vegetation was identified and logged with a differential global positioning system along the entire shoreline between the water elevation (approximately +7 feet NGVD) and jurisdictional OHW (+14 NGVD) (see the Figure). A photo array showing shoreline vegetation and associated descriptions are provided in the Appendix.

Shrubs, groundcover, and some trees are generally present up to +11 NGVD. This vegetation is predominantly comprised of non-native California false indigo (*Amorpha californica*), reed canary grass (*Phalaris arundinacea*), Himalayan blackberry (*Rubus armeniacus*), and low growing groundcover. Above +11 NGVD, grasses[1] and non-native weeds (e.g., Queen Anne's lace) are dominant.

[1] Grasses are non-native in Cell 2. In Cell 3, native grasses were recently planted.

A total of 148 lineal feet of native tree and shrub vegetation was measured along the approximately 1,840 feet long shoreline (see the Figure). Some native herbaceous forbs (knotweed [*Polygonum sp.*] less than 3 feet tall) identified as nuisance species (Portland Bureau of Planning and Sustainability Portland Plant List) were not included in the evaluation. Note that native vegetation was generally isolated and surrounded by non-native vegetation.[2] Natives identified include Oregon ash, cottonwood species, and willow species; leaves were generally absent and twigs were collected to support identification.

The proposed native tree and shrub plantings (planting groves 1, 2, and 3) span approximately 500 lineal feet. The proposed tree and shrub plantings exceed the 148 lineal feet of existing native vegetation to be removed (3.4:1 ratio). The proposed plantings will therefore provide the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources (CFR 332.3(f)).

4. RIPARIAN AREA GOALS, OBJECTIVES, AND PERFORMANCE STANDARDS

Goal: Enhance habitat functions and values of the riverbank.

Objective 1: Reduce and control non-native vegetation.

Performance Standard 1: During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.

Objective 2: Improve physical structure of riverbank habitat.

Performance Standard 2: Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).

Objective 3: Enhance the riverbank plant community.

Performance Standard 3.1: Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.

Performance Standard 3.2: During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.

Alternatively:

Performance Standard 3.2: Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.

[2] Non-native vegetation was generally present and dense along the entire shoreline, with the exception of the Division St. kayak launch area (no vegetation present).

5. GRADING AND PLANTING PLAN

5.1. GRADING

The existing bank below +11 feet NGVD will be stabilized with a minimum 2-foot-thick layer of fish mix rounded rock (7-inch median) from the toe of the bank slope to a minimum elevation of approximately +11 feet NGVD. Fish mix will be placed on a filter layer consisting of filter gravel and/or filter fabric to prevent erosion of underlying bank soils. Fish mix will be placed at no greater than a 4H:1V slope. Above 11 feet NGVD, fish mix will be transitioned at a less-than-2-foot thickness to the existing clean soil cap grades. In the Cell 2 archaeological reach, the minimum 2-foot-thick layer of fish mix will extend farther up the bank to stabilize soils that, because of the presence of archaeological artifacts, were not regraded during the upland cleanup.

The fish mix is required to prevent further erosion of the bank and subsequent potential release of contaminants. Additionally, the fish mix will serve to protect known archaeological artifacts in the Lake River bank. Existing bank debris either will be removed prior to placement of fish mix or will be entirely covered by the fish mix.

TRM will be placed and seeded from the top of the bank down to the fish mix extents. The planted TRM will provide a reinforced, vegetated system to minimize erosion of the clean soil cap during high-water events.

5.2. PLANT LIST

Native plants and grasses will be installed on the riverbank between OHW (+14 feet NGVD) and the gravel trail in the Cell 2 north, Cell 2 south, and kayak launch reaches (see Exhibits L1.0 and L1.1). As described above, fish mix will extend farther up the bank (above OHW) in the Cell 2 archaeological reach; native plants will be installed above the fish mix extents in this reach and a discrete grove extends landward of the gravel trail. In addition, a discrete native tree, shrub, and groundcover grove will be planted in the Cell 3 reach (see Exhibit L1.1). The planting plan has been designed to cluster native trees and shrubs in three groves to provide habitat structural diversity while protecting scenic views. The planting groves span approximately 500 lineal feet. The open areas between the clustered trees are planted or will be planted with native grasses. The total native plant area will extend approximately 1,750 feet and be approximately 2.7 acres.

The plants specified for the mitigation site are intended to provide diversity in each stratum and will provide cover and habitat in both the short and long terms. The proposed plant list includes seven species of native trees and seven species of native shrubs, along with variety of native grasses, legumes, and wildflowers.

Table Planting List

Common Name	Scientific Name	Size*	Qty	Spacing
Trees				
Douglas Fir	*Pseudotsuga menziessii*	5 gal	4	Per planting plan
Western Red Cedar	*Thuja plicata*	5 gal	4	Per planting plan
Oregon Ash	*Fraxinus latifolia*	3 gal	4	Per planting plan
Pacific Crabapple	*Malus fusca*	3 gal	7	20'–0", o.c.
Pacific Willow	*Salix lasiandra*	1 gal	8	20'–0", o.c.
Scouler's Willow	*Salix scouleriana*	1 gal	4	15'–0", o.c.
Chokecherry	*Prunus virginiana*	3 gal	13	15'–0", o.c.
Shrubs				
Snowberry	*Symphoricarpos albus*	1 gal	58	3'–0", o.c.
Nootka Rose	*Rosa nutkana*	1 gal	62	3'–0", o.c.
Evergreen Huckleberry	*Vaccinium ovatum*	1 gal	41	3'–0", o.c.
Red Flowering Currant	*Ribes sanquineum*	1 gal	61	4'–0", o.c.
Douglas' Spiraea	*Spiraea douglasii*	1 gal	68	4'–0", o.c.
Red-Osier Dogwood	*Cornus stolonifera*	1 gal	51	5'–0", o.c.
Ninebark	*Physocarpus capitatus*	1 gal	33	6'–0", o.c.

Common Name	Examples	Type
Groundcover		
Low-Growing Native Grasses and Wildflowers	Ex: Yarrow and Red Fescue	Seed
Low-Growing Native Grasses	Ex: Buffalo Grass and Red Fescue	Seed
Taller Native Grasses	Ex: Tufted Hairgrass and Blue Wildrye	Seed

*If specified sizes are not available, bare root stock may be substituted.

5.3. PLANTING SPECIFICATIONS

Plants will be installed according to the following specifications.

Planting

- Plant the site with native species according to the planting list.
- Lay out the plants according to the planting plan.
- Plant containerized and bareroot trees and shrubs with shovel or comparable tool. Position the plants' root crowns so that they are at or slightly above the level of the surrounding soil surface.
- Firmly compact the soil around the plants to eliminate air spaces.
- Install anti-herbivore devices, such as seedling protection tubes or mesh protection netting, around the stems of plants as appropriate. Secure with stakes.
- Irrigate all newly installed plants as weather conditions warrant.

Bareroot Stock

- Bareroot stock will be a minimum size of 18 to 36 inches tall.
- Bareroot stock will be kept cool and moist before planting.
- The bareroot stock will have well-developed roots and sturdy stems with an appropriate root-to-shoot ratio.
- No damaged or desiccated roots or diseased plants will be accepted.
- Unplanted bareroot stock will be properly stored at the end of each planting day to prevent desiccation.

5.4. SCHEDULE

Year 1: 2015

- January 2015—Precision dredging and installation of the fish mix rounded rock is scheduled to be completed.
- January–March—Plant installation.
- April–October—Irrigation and maintenance.
- June–August—Conduct monitoring.
- November–December—Replace dead or failing plants as needed.

Year 2: 2016

- April–October—Irrigation and maintenance.
- June–August—Conduct monitoring.

Year 3: 2017

- April–October—Irrigation as needed and maintenance.
- June–August—Conduct monitoring.

Year 4: 2018

- April–October— Irrigation as needed and Maintenance.
- June–August—Conduct monitoring.

Year 5: 2019

- April–October— Irrigation as needed and Maintenance.
- June–August—Conduct monitoring.

5.5. MAINTENANCE

The planting areas will be maintained during the monitoring period to support native plant establishment and to control non-native invasive species. Maintenance will include the following activities.

Irrigation—An irrigation system will be established. In the first year following planting, the irrigation system will be set to allow for 0.5 inch of precipitation two times per week between June 15 and October 1. In the second year following planting, the irrigation system will be set to allow for 0.5 inch of precipitation once per week between June 15 and October 1.

Non-native Invasive Control—Non-native plants will be controlled through mechanical means, including hand removal, brush cutting, and mowing. These activities will be conducted two to three times per growing season, or as needed, during the monitoring period, from approximately April 1 through October 1.

Plant Replacement—Dead or failing plantings may be replaced to meet the performance standards. Dead or failing plants will be evaluated to determine the cause of the decline. Alternate native species may be selected as replacement plants if it appears that these will have a better chance of survival. Replacement plants will be installed as described for the original installation.

5.6. MONITORING PLAN

Planting areas will be inspected and monitored annually for five years. The goal of the monitoring inspections is to determine the survival rate of the installed plant material, to determine the extent of non-native invasive plant encroachment, and to identify maintenance tasks that are required to meet performance standards. Monitoring in the planting areas will include:

- Establishing photo documentation points.
- Comparing the number of planted native trees and shrubs to the number surviving.
- Identifying invasive plant material percent aerial cover and implementing removal as needed.

Monitoring Report

Following each inspection, a monitoring report will be prepared that notes observations made. The report will be submitted to the U.S. Army Corps of Engineers (COE) and will indicate if the planting is successful, not successful, or moving toward successful establishment. The information will indicate performance metrics and will contain photographs and a written description of the planting areas. The report will include the following information:

- The date of the inspection.
- Photodocumentation from established photo points to compare plant growth between monitoring inspections. The photos will be used to support

the findings and recommendations referenced in the report and to assist in assessing whether the project is successful for the monitoring period.

- A site location map indicating the monitoring area and locations of specific photo locations.
- A description of the conditions of the planting project.
- Conclusions. (If performance standards are not being met, a brief explanation of the difficulties will be included.)
- Recommendations for maintenance and adaptive management.

6. ADAPTIVE MANAGEMENT

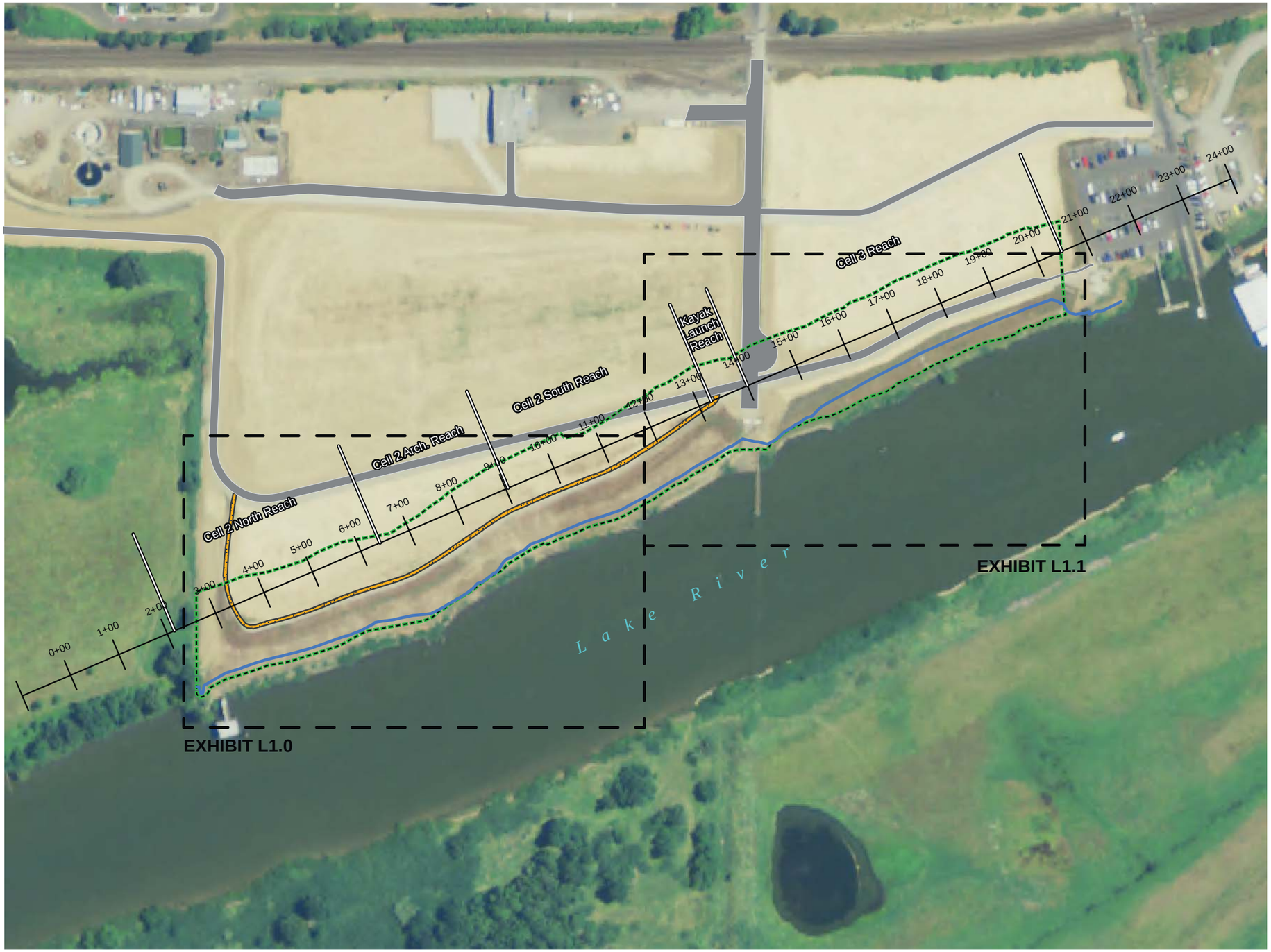
The monitoring and maintenance events will provide a basis of information for evaluating the success of the project and for making any recommendations for adaptive management that may be needed. If the COE or the Port of Ridgefield (the Port) believes that adaptive management of the riparian area is needed, they will collaboratively discuss options, and the Port will present a written proposal to the COE, identifying specific issues and measures for addressing them. Upon receiving written approval by the COE, the Port will proceed to implement the adaptive management measures.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

EXHIBITS



Legend

- Ordinary High Water
- Riparian Area
- Roads
- Gravel Trail

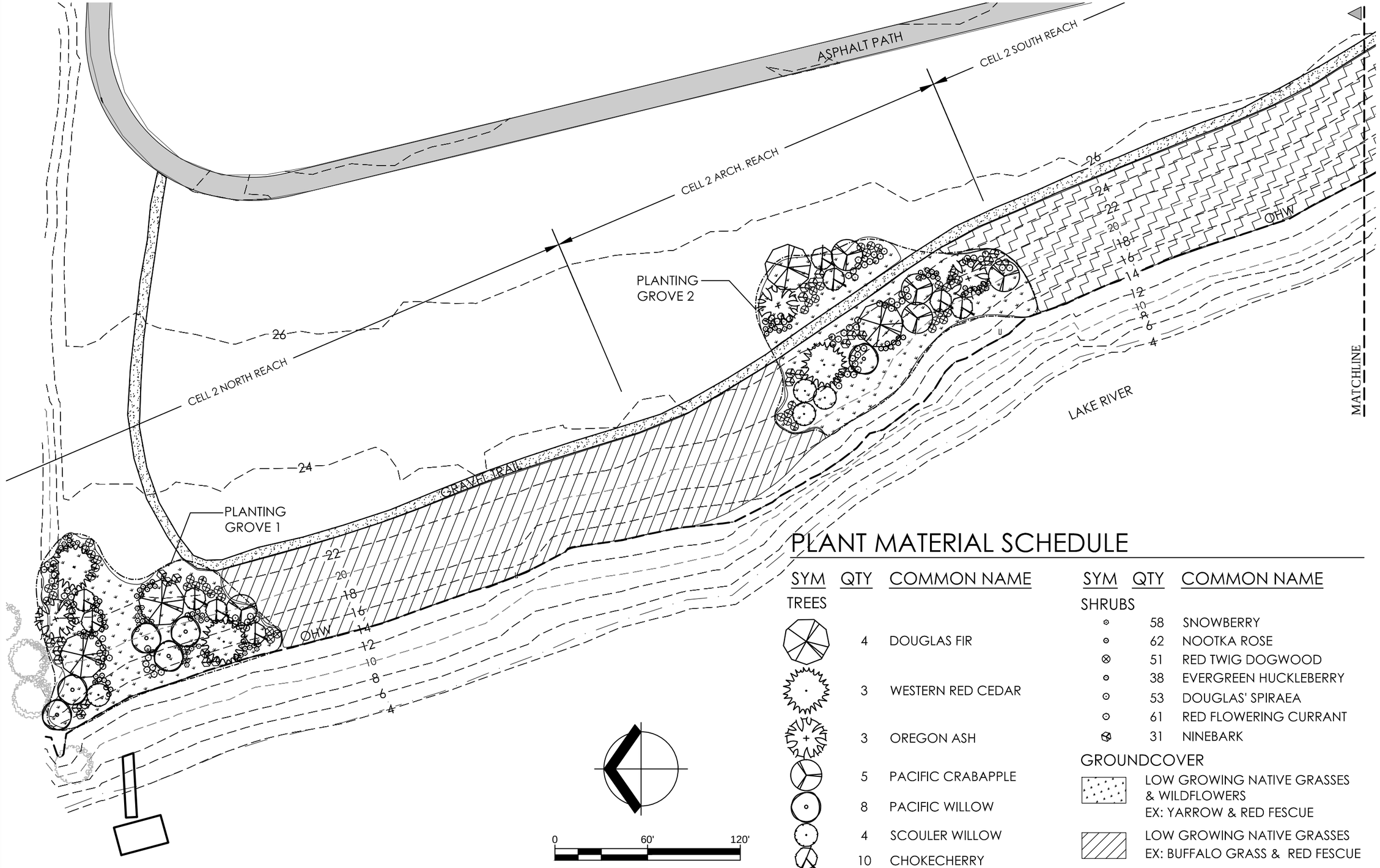
0 100 200
Feet

REMEDIAL ACTION VEGETATION PLAN
LAKE RIVER
PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON

MFA JOB #:	9003.01.40
ISSUE DATE:	11/18/13
CHECKED:	M.NOVAK
DRAWN:	C.RILEY

MAUL FOSTER ALONGI
2001 NW 19TH AVENUE, SUITE 200
PORTLAND, OR 97209
PHONE: 971.544.2139
www.maulfoster.com

EXHIBIT
C1.0



PLANT MATERIAL SCHEDULE

SYM	QTY	COMMON NAME
TREES		
	4	DOUGLAS FIR
	3	WESTERN RED CEDAR
	3	OREGON ASH
	5	PACIFIC CRABAPPLE
	8	PACIFIC WILLOW
	4	SCOULER WILLOW
	10	CHOKECHERRY

SYM	QTY	COMMON NAME
SHRUBS		
	58	SNOWBERRY
	62	NOOTKA ROSE
	51	RED TWIG DOGWOOD
	38	EVERGREEN HUCKLEBERRY
	53	DOUGLAS' SPIRAEA
	61	RED FLOWERING CURRANT
	31	NINEBARK

GROUNDCOVER

LOW GROWING NATIVE GRASSES & WILDFLOWERS
EX: YARROW & RED FESCUE

LOW GROWING NATIVE GRASSES
EX: BUFFALO GRASS & RED FESCUE

TALLER NATIVE GRASSES
EX: TUFTED HAIRGRASS & BLUE WILDRYE

0 60' 120'

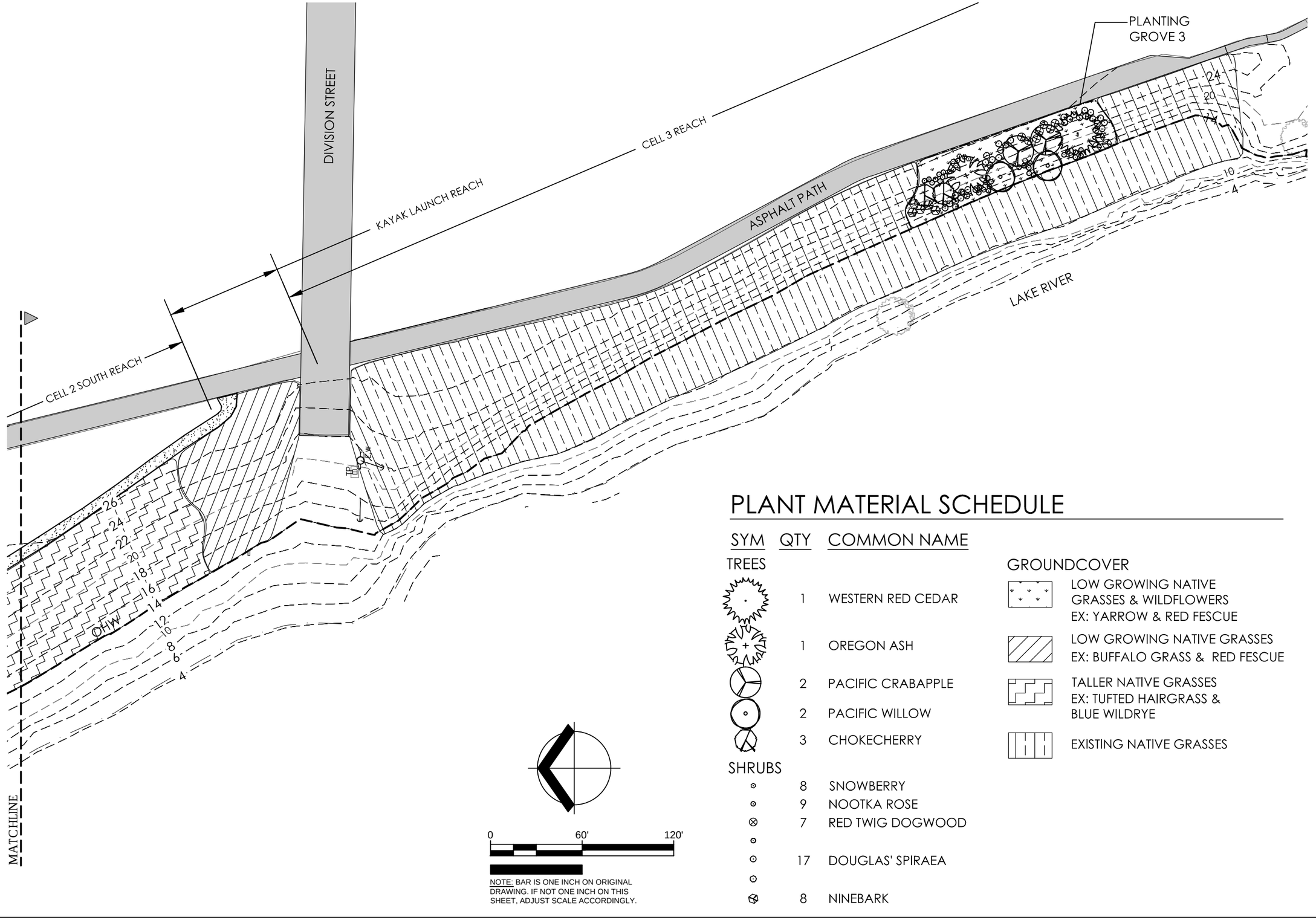
NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

REMEDIAL ACTION VEGETATION PLAN
LAKE RIVER
PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON

MFA JOB #:	9003.01.40
ISSUE DATE:	01/15/14
CHECKED:	M.NOVAK
DRAWN:	C.RILEY

MAUL FOSTER ALONGI
2001 NW 19TH AVENUE, SUITE 200
PORTLAND, OR 97209
PHONE: 971.544.2139
www.maulfoster.com

EXHIBIT
L1.0



0 60' 120'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

PLANT MATERIAL SCHEDULE

SYM	QTY	COMMON NAME
TREES		
	1	WESTERN RED CEDAR
	1	OREGON ASH
	2	PACIFIC CRABAPPLE
	2	PACIFIC WILLOW
	3	CHOKECHERRY
SHRUBS		
	8	SNOWBERRY
	9	NOOTKA ROSE
	7	RED TWIG DOGWOOD
	17	DOUGLAS' SPIRAEA
	8	NINEBARK

GROUNDCOVER

- LOW GROWING NATIVE GRASSES & WILDFLOWERS EX: YARROW & RED FESCUE
- LOW GROWING NATIVE GRASSES EX: BUFFALO GRASS & RED FESCUE
- TALLER NATIVE GRASSES EX: TUFTED HAIRGRASS & BLUE WILDRYE
- EXISTING NATIVE GRASSES

REMEDIAL ACTION VEGETATION PLAN
LAKE RIVER
PORT OF RIDGEFIELD
RIDGEFIELD, WASHINGTON

MFA JOB #: 9003.01.40
ISSUE DATE: 01/15/14
CHECKED: M.NOVAK
DRAWN: C.RILEY

MAUL FOSTER ALONGI
2001 NW 19TH AVENUE, SUITE 200
PORTLAND, OR 97209
PHONE: 971.544.2139
www.maulfoster.com

EXHIBIT
L1.1

FIGURE

Source: Aerial photograph obtained from NAIP (2013).
Points and lines measured using Trimble GeoExplorer (MFA).

Note: NGVD = National Geodetic Vertical Datum

Legend

- Ordinary High Water (+14
- Vegetation Measurement Line (Field GPS Measurement)
- Tape Measurement Point

Total Native Vegetation Measured: 148 linear feet

Figure
Lake River
Shoreline Native Vegetation

NWS-2013-875
Lake River Remedial Action
Port of Ridgefield
Ridgefield, Washington

Township 4N, Range 1W, W.M Section 24

0 75 150
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Path: X:\9003.01 Port of Ridgefield\4.0\Projects\Fig_Lake River Shoreline Native Vegetation.mxd
Print Date: 1/15/2014
Approved By: P. Wiescher
Produced By: jschane
Project: 9003.01.40

APPENDIX

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 1
Shoreline looking southwest towards Port marina: reed canary grass, false indigo, and blackberry. South of Cell 3.

Photo No. 2
Native black cottonwood and reed canary grass, looking west. Cell 3 south.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 3
Willow species and reed canary grass, looking west. Cell 3 south.

Photo No. 4
Knotweed (Polygonum sp.), reed canary grass, and blackberry, looking southwest. Cell 3 south.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 5
Oregon ash, and reed canary grass, looking northwest. Cell 3 middle.

Photo No. 6
Knotweed (dark brown), reed canary grass, and thistle, looking south. Cell 3 north.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 7
False indigo bush and reed canary grass, looking north. Cell 2 south.

Photo No. 8
Willow species (center) surrounded by false indigo bushes, reed canary grass, and knotweed (dark brown), looking south. Cell 2 south.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 11
Oregon ash shrub in foreground, reed canary grass and false indigo in background, looking west. Cell 2 middle.

Photo No. 10
Native cottonwood in foreground, false indigo bushes in background, looking west. Cell 2 middle.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 11
Willow sp. shrub in foreground, reed canary grass and false indigo in background. Cell 2 middle.

Photo No. 12
Reed canary grass, false indigo bushes, and small Oregon ash to the right, looking northwest. Cell 2 middle.

APPENDIX—PHOTOGRAPHS

Project Name: Lake River Remedial Action
Project Number: 9003.01.40
Location: 111 West Division Street
Ridgefield, Washington

Photo No. 13
20’ tall native tree (tentatively identified as an ash species based on seed pods) in foreground surrounded by false indigo bushes; native 14’ (ash) tree on the right, looking west. Cell 2 north.

Photo No. 14
Native tree (tentatively identified as an ash species based on seed pods), looking west. Cell 2 north.

APPENDIX D-6

LAKE RIVER RIPARIAN ANNUAL REPORTS

TECHNICAL MEMORANDUM

To:	Jim Carsner, U.S. Army Corps of Engineers	Date:	November 11, 2016
From:	Phil Wiescher, PhD, and Curtis Riley, RLA	Project:	NWS-2013-875

RE: Port of Ridgefield Lake River Remedial Action (NWS-2013-875) Year 1 (2016) Vegetation Monitoring

On behalf of the Port of Ridgefield, Maul Foster & Alongi, Inc. (MFA) has prepared this vegetation monitoring report consistent with the Lake River Riparian Enhancement Plan (LRRE).[1] The LRRE is to be implemented in accordance with the U.S. Army Corps of Engineers (COE) Nationwide Permit 38 (NWS-2013-875), issued for the Lake River remedial action in Ridgefield, Washington. The remedial action addressed historical contamination of sediment in Lake River adjacent to Millers' Landing, site of the former Pacific Wood Treating Co. (PWT) facility (see Figure 1). PWT filed for bankruptcy and abandoned the site in 1993. The remedial action was required by the Washington State Department of Ecology for protection of human health and the environment and included precision dredging of contaminated sediment; placement of clean sand to contain residual contamination; bank stabilization elements, including placement of turf reinforcement mat (TRM) and fish mix rounded rock; and removal of in-water and shoreline debris. To effectively stabilize the bank, predominantly nonnative and some native vegetation was removed along the shoreline. The remediation work and restoration plantings implemented to improve the physical characteristics of the riverbank and establish a native plant community were substantively completed in spring 2015.

Lake River is an 11-mile-long side channel of the Columbia River and lies within the lower Columbia River west of Ridgefield, Washington, near the confluence of the Columbia River and the Lewis River. The National Wetlands Inventory classifies Lake River as a riverine, tidal, unconsolidated bottom, permanent tidal habitat. Lake River is slow moving; its width varies from approximately 100 feet to over 300 feet, and its depth typically averages no more than 10 feet along the entire length. As described in the LRRE, shoreline vegetation in 2014 comprised predominantly nonnative California false indigo, reed canary grass, Himalayan blackberry, weeds (e.g., Queen Anne's lace), and low-growing groundcover prior to the remediation work. Native vegetation was limited, generally isolated,

[1] MFA. Revised Lake River riparian enhancement plan addendum to the Joint Aquatic Resources Permit Application, NWS-2013-875. Maul Foster & Alongi, Inc., January 17, 2014.

and surrounded by nonnative vegetation. Natives present included Oregon ash, cottonwood species, and willow species.

Approximately 148 lineal feet of native shrubs and trees along the approximately 1,800-foot-long shoreline was removed as part of the bank stabilization work and required compensatory mitigation. Three planting groves with native shrubs and trees, spanning a total of approximately 500 lineal feet, were installed on the shoreline in 2015. This meets the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources. In addition, the open areas between the groves were planted with native grasses. The total native plant area extends the length of the shoreline, covering approximately 2.7 acres. Plantings were installed generally consistent with the Lake River 90 Percent Remedial Design Report.[2]

Monitoring of the planting-grove vegetation is to be conducted annually for five years (until 2020). Year 1 (2016) mitigation monitoring results are provided below.

SITE MANAGEMENT ACTIVITIES

Paul Brothers, Inc. (PBI), of Boring, Oregon, performed the restoration and planting of the shoreline. In late 2014, PBI began mobilizing their materials and equipment to the site to complete the site restoration and all associated plantings. Periodic landscaping oversight conducted by MFA included verification of installation methods (e.g., plants and TRM), material quality, seeding rate, and compliance with project plans and specifications. Plantings were completed in May 2015. PBI maintained the planted areas during the summer months, including installing an irrigation system (and making adjustments and repairs to the system as needed), removing invasive plants, and removing plant collars as the plants grew beyond the confines of these protective barriers. MFA gave verbal notice of substantial completion to PBI at a site inspection in fall 2015.[3] In October 2015, PBI removed the irrigation system.

MFA conducted initial site inspections (September 2015), which included walking the project site; noting the condition of landscaping, weed infestations, and plant damage; and documenting site conditions. At that time, PBI continued ongoing maintenance of invasive-plant removal and irrigation-system repair.

[2] MFA. Lake River 90% remedial design report. Maul Foster & Alongi, Inc., March 3, 2014. Additional documentation to be provided in the forthcoming Lake River Completion Report.

[3] This does not include PBI's ongoing maintenance requirements as part of the contract, which includes maintaining all planted areas through September 2017 in order to meet performance standards identified in the contract documents.

PERFORMANCE STANDARDS

The following performance standards for the mitigation area are taken from the LRRE:

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

This performance standard for Year 1 is evaluated below.

Performance Standard 2. *Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).*

This performance standard has been met. Documentation will be provided in the forthcoming Lake River Completion Report and is not further evaluated below.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

This performance standard for Year 1 is evaluated below.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Alternatively:

Performance Standard 3.2. *Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.*

This performance standard does not apply to this monitoring event.

COMPLIANCE MONITORING METHODOLOGY

The planting areas were inspected on August 18 and August 23, 2016. The goal of the monitoring inspection was to determine the survival rate of the installed plant material, to determine the extent of nonnative invasive plant encroachment, and to identify maintenance tasks that are required to meet the performance standards. The monitoring was performed by MFA ecologists and included:

- Establishing the identity and percent survival of native vegetation, using a point-line method; monitoring points at fixed intervals (approximately 5 feet) along three sampling transects spanning each planting grove were evaluated (see Figure 2). Data were recorded for plants within 1 foot of the sampling units. Percent survival for each planting grove (Groves 1, 2, and 3) was determined based on the number of times a live species was observed at a sampling unit divided by the total number of times that species was observed.

- Establishing the areal percent cover of native and invasive vegetation using the point-line method described above. Native percent cover for each planting grove was determined based on the number of times native vegetation was present at a sampling unit divided by the total number of sampling units within a Grove. Invasive percent cover was determined in the same way.
- Establishing representative photodocumentation points to compare plant vigor and growth between monitoring inspections. The photos will be used in assessing whether the project is successful during upcoming monitoring years. Three photodocumentation points for each planting grove (total of nine) were identified as shown in Figure 2.

RESULTS

This is the first year of monitoring. Monitoring focused on plant identification and cover to provide management recommendations and to evaluate performance standards. Data are provided in the attached table and are discussed below with respect to the relevant performance standards presented above.

In general, much of the planted woody vegetation has browned or perished, likely because of insufficient water in summer 2016. During a site inspection conducted in May 2016, most plants appeared to be healthy and establishing. Although certain species have persisted and may recover with cooling temperatures and increased rains in the fall, replacement plantings will need to be coordinated with the contractor, as described below. It may be that because the summer of 2015 was excessively harsh, plantings did not initially adequately establish (despite the presence of an irrigation system), and were therefore more subject to deterioration in summer 2016. Limited invasive species encroachment was observed. This was generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, and the native grasses planted are well-established and dense. A photo array showing site conditions and photodocumentation points is attached.

CONCLUSIONS AND RECOMMENDATIONS

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

The aerial cover for Groves 2 (3 percent) and 3 (10 percent) is well below 20 percent for invasive species. In Grove 1, aerial cover is 27 percent. The average cover for all areas surveyed is 13 percent and the performance standard is met. The higher invasive cover in Grove 1 is due primarily to the presence of small, isolated patches of reed canary grass. The grass likely encroached from the Ridgefield National Wildlife Refuge immediately north, where reed canary grass is widespread and present in monodominant stands. The reed canary grass stands are occasionally mowed by the U.S. Fish and Wildlife Service (USFWS) and many acres of tree plantings (which may help limit spread of the grass) were recently installed by USFWS in the same area. However, existing USFWS budgets and

staffing levels typically do not allow for robust reed canary grass treatments (e.g., removal of the rhizome systems) to fully control regrowth and dispersal.[4]

To continue to meet performance standards, reed canary grass and other invasive plant and root mass will be removed from the planting groves as part of ongoing control measures.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

Survival for native woody vegetation Groves 1 (57 percent), 2 (55 percent), and 3 (23 percent) is well below 100 percent. Willows, and to a lesser extent Douglas spiraea and baldhip roses, are performing better than other species such as dogwood, twinberry, and planted trees. Native grasses are well-established in the planting groves and, based on site observations, are also well-established in the areas between planting groves. As indicated above, it is likely that the woody plants deteriorated because of insufficient watering in summer 2016.

To meet performance standards, the landscape contractor will replace the dead plantings in all three groves. MFA recommends that the landscape contractor reinstall the irrigation system to provide an adequate, consistent water source. Based on the monitoring results, willows and Douglas spiraea will be planted in greater numbers than other plants (e.g., snowberry) that did not establish or persist as well. All trees will be replaced with in-kind trees. As indicated above, invasive species will be removed as part of these site maintenance and replanting activities.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

[4] USFWS. Ridgefield National Wildlife Refuge comprehensive conservation plan. U.S. Fish and Wildlife Service, September 2010.

ATTACHMENTS

Table
Figures
Photographs

Lake River Remedial Action (NWS-2013-875)
Year 1 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	Comments	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	L.SPP	NAGR	T.REP	D.CAR	CIRS	UNW	P.ARU
		Native Species																Invasive Species			
PLANTING GROVE 1																					
G1-A1																G	G				X
G1-A2																G					
G1-A3									D							G	G				
G1-A4																G	G				
G1-A5																G		X			X
G1-A6					D											G					
G1-A7	Snowberry in poor health									X						G	G				
G1-A8																G	G				
G1-A9					D											G	G				
G1-A10																G	G				
G1-B1	Spiraea in poor health								D		X					G	G				
G1-B2	Spiraea in poor health										X					G	G				
G1-B3	Spiraea in poor health										X		X			G					
G1-B4																G					
G1-B5			D													G					
G1-B6													X			G	G				
G1-B7		D														G	G				X
G1-B8	Dogwood in poor health	X														G	G				
G1-B9					D											G	G				
G1-B10	Dogwood in poor health	X														G					
G1-C1		D		X												G					
G1-C2				X										D		G					
G1-C3				X												G					
G1-C4																G					
G1-C5				X	D											G					
G1-C6				X												G					X
G1-C7				X												G					X
G1-C8				X												G		X			X
G1-C9				X					D							G					X
G1-C10					D											G					X
Native Percent Cover (all vegetation)	100%																				
Native Percent Cover (not including groundcover)	50%																				
Native Percent Survival (not including groundcover)	57%																				
Native Species Diversity (all vegetation)	7																				
Native Species Diversity (not including groundcover)	5																				
Invasive Percent Cover	27%																				

Lake River Remedial Action (NWS-2013-875)
Year 1 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	Comments	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	L.SPP	NAGR	T.REP	D.CAR	CIRS	UNW	P.ARU
		Native Species																Invasive Species			
PLANTING GROVE A802																					
G2-A1									D							G					
G2-A2																G	G				
G2-A3		D														G					
G2-A4				X												G					
G2-A5									D							G	G				
G2-A6					D											G					
G2-A7				X												G	G				
G2-A8			D													G					
G2-A9			D	X												G					
G2-A10				X												G					
G2-B1									D							G	G				
G2-B2	Rose in poor health					X										G					
G2-B3	Rose in poor health					X										G	G				
G2-B4	Rose in poor health						D									G	G				
G2-B5	Rose in poor health					X	D									G	G				
G2-B6						X										G	G				
G2-B7				X		D										G	G				
G2-B8				X		D										G	G				
G2-B9				X		D										G	G				
G2-B10	Cherry in poor health			X					X							G	G				
G2-B11					D											G	G				
G2-B12					D											G	G				
G2-B13					D											G	G				
G2-B14	Spiraea in poor health										X					G					
G2-B15	Dogwood in poor health	X		X							X					G	G				X
G2-B16					D						D	X				G					
G2-B17											X					G					
G2-B18					D							X				G	G				
G2-B19											X					G	G				
G2-B20	Spiraea in poor health										X					G					
Native Percent Cover (all vegetation)		100%																			
Native Percent Cover (not including groundcover)		63%																			
Native Percent Survival (not including groundcover)		55%																			
Native Species Diversity (all vegetation)		8																			
Native Species Diversity (not including groundcover)		6																			
Invasive Percent Cover		3%																			

Lake River Remedial Action (NWS-2013-875)
Year 1 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	Comments	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	L.SPP	NAGR	T.REP	D.CAR	CIRS	UNW	P.ARU
		Native Species																Invasive Species			
PLANTING GROVE 3																					
G3-A1		D														G					
G3-A2		D														G					
G3-A3																G					
G3-A4																G					
G3-A5																G					
G3-A6											D					G					
G3-A7	Spiraea in poor health										X					G					
G3-A8											D					G	G				
G3-A9									D							G				G	
G3-A10																G	G			G	
G3-A11	Lupine tentatively identified														D	G					
G3-A12																G				G	
G3-A13																G				G	
G3-A14		D														G	G		X	G	
G3-A15		D														G					
G3-B1	Spiraea in poor health										X					G			X		
G3-B2				X				D								G	G				
G3-B3	Spiraea in poor health							D			X					G					
G3-B4											D					G	G			G	
G3-B5	Spiraea in poor health										X					G					
G3-B6											D					G					
G3-B7											D					G				G	
G3-B8		D							D							G	D			G	
G3-B9		D													G	G					
G3-B10								D								G					
G3-B11	Rose in poor health					X									G	G	G				
G3-B12								D							G	G	G				
G3-B13											D					G			X		
G3-B14											D					G				G	
G3-B15											D					G					
Native Percent Cover (all vegetation)		100%																			
Native Percent Cover (not including groundcover)		20%																			
Native Percent Survival (not including groundcover)		23%																			
Native Species Diversity (all vegetation)		7																			
Native Species Diversity (not including groundcover)		4																			
Invasive Percent Cover		10%																			

Lake River Remedial Action (NWS-2013-875)
Year 1 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Overall Mitigation Area Results	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	L.SPP	NAGR	T.REP	D.CAR	CIRS	UNW	P.ARU
Percent Cover (all groves)	3%	0%	20%	0%	6%	0%	0%	1%	1%	13%	2%	2%	0%	0%	100%	42%	2%	3%	10%	10%
Percent Survival (all groves)	25%	0%	100%	0%	63%	0%	0%	11%	100%	57%	100%	100%	0%	75%	100%	97%	NP	NP	NP	NP

NOTES:

Photodocumentation points shown in **bold.**

Species diversity and percent cover calculations do not include dead (indicated by "D") plants.

D = dead vegetation.

G = groundcover vegetation.

NP = not planted.

X = live vegetation.

C.SER	Red twig dogwood
CIRS	Thistle
D.CAR	Queen Anne's lace
J.SPP	Juncus species
L.INV	Twinberry
L.SPP	Lupine
NAGR	Native grass
P.ARU	Reed canary grass
P.SPP	Cherry species (choke cherry or bitter cherry)
R.GYM	Baldhip rose
R.NUT	Nootka rose
R.SPP	Rose species (baldhip or nootka)
S.ALB	Snowberry
S.DOU	Douglas spiraea
S.LAS	Pacific willow
S.SCO	Scouler's willow
T.PLI	Western red cedar
T.REP	White clover
UNW	Unidentified weedy groundcover vegetation
UNS	Unidentified native shrub

Source: Aerial photograph (2015) obtained from National Agriculture Imagery Program.

Legend

- Grove Boundary
- Road

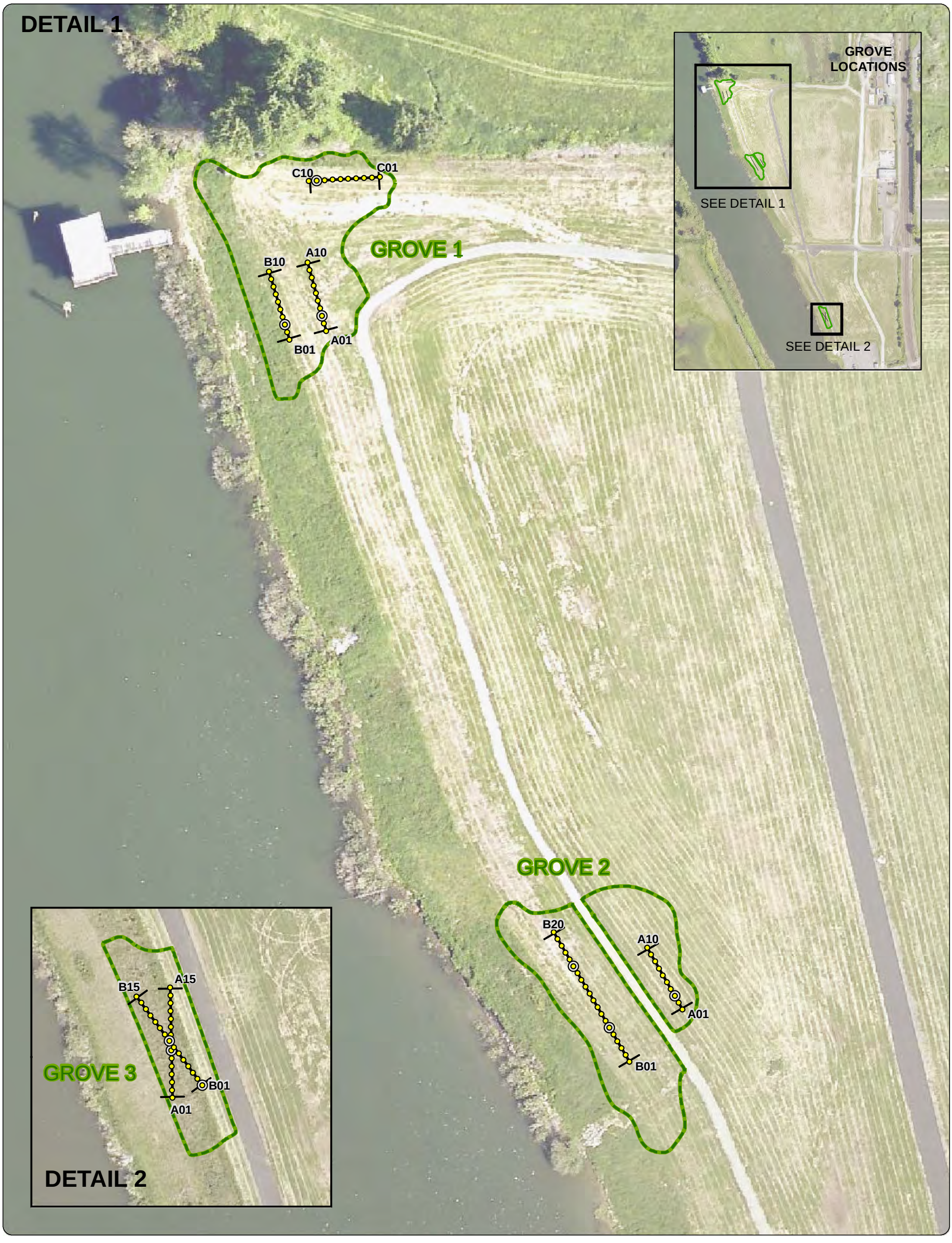
Figure 1
Site Location

Port of Ridgefield
Ridgefield, Washington

0 390 780
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016
Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Fig1_Site Location_LakeRiver.mxd



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

Legend

PhotoDocPt

- Sample Location
- Sample Photo Documentation Point
- Vegetation Transect
- Grove Boundary

Figure 2
Lake River Vegetation Transects

Port of Ridgefield
Ridgefield, Washington

0 30 60
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 1
2013. Lake River aerial prior to remediation. Looking north.

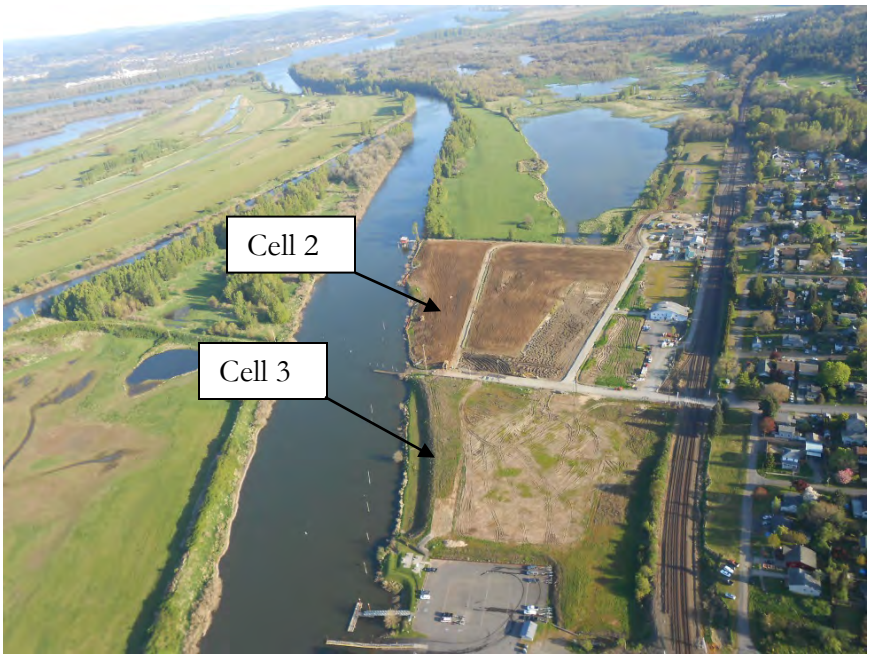


Photo No. 2
Winter 2013/4. Cell 3 shoreline prior to remediation. Knotweed, reed canary grass, and thistle. Looking south.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 3
Winter 2013/4. Cell 2 shoreline prior to remediation. False indigo bush and reed canary grass. Looking north.

Photo No. 4
April 2015. Grove 3 (Cell 3) following remediation and plantings. Shoreline debris removed and fish mix rounded rock in place. Looking north.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 5
April 2015. Grove 2 (Cell 2) following remediation and plantings. Looking north.

Photo No. 6
April 2015. Grove 1 (Cell 2) following remediation and plantings. Looking south.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 7
August 2016. Grove 3 (Cell 3). Looking north.

Photo No. 8
August 2016. Grove 2 (Cell 2). Looking north.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 9
August 2016. Grove 1 (Cell 2). Looking west.

Photo No. 10
August 2016. Photo point G1-A3. Cherry tree in poor health.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 11
August 2016. Photo point G1-B3. Pacific willow, spiraea in poor health at base.

Photo No. 12
August 2016. Photo point G1-C9. Dead cherry tree, Juncus, and reed canary grass nearby.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 13
August 2016. Photo point G2-A3. Dead dogwood.

Photo No. 14
August 2016. Photo point G2-B6. Baldhip rose.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 15
August 2016. Photo point G2-B15. Juncus; spiraea and dogwood in poor health. Reed canary grass nearby.

Photo No. 16
August 2016. Photo point G3-A7. Spiraea in poor health.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 17
August 2016. Photo point G3-B1. Spiraea in poor health.

Photo No. 18
August 2016. Photo point G3-B8. Dead dogwood; cherry tree in poor health nearby.

TECHNICAL MEMORANDUM

To:	Jim Carsner, U.S. Army Corps of Engineers	Date:	November 20, 2017
From:	Phil Wiescher, PhD, and Curtis Riley, RLA	Project:	NWS-2013-875
RE:	Port of Ridgefield Lake River Remedial Action (NWS-2013-875) Year 2 (2017) Vegetation Monitoring		

On behalf of the Port of Ridgefield, Maul Foster & Alongi, Inc. (MFA) has prepared this Year 2 (2017) vegetation monitoring report consistent with the Lake River Riparian Enhancement Plan (LRRE) (MFA, 2014). The LRRE is to be implemented in accordance with the U.S. Army Corps of Engineers (COE) Nationwide Permit 38 (NWS-2013-875), issued for the Lake River remedial action in Ridgefield, Washington. The remedial action addressed historical contamination of sediment in Lake River adjacent to Millers' Landing, site of the former Pacific Wood Treating Co. (PWT) facility (see Figure 1). PWT filed for bankruptcy and abandoned the site in 1993. The remedial action was required by the Washington State Department of Ecology for protection of human health and the environment and included precision dredging of contaminated sediment; placement of clean sand to contain residual contamination; bank stabilization elements, including placement of turf reinforcement mat and fish mix rounded rock; and removal of in-water and shoreline debris. To stabilize the bank, predominantly nonnative and some native vegetation was removed along the shoreline. The remediation work and restoration plantings implemented to improve the physical characteristics of the riverbank and establish a native plant community were substantively completed in spring 2015.

Institutional controls and an associated environmental covenant are not required for Lake River. However, characterization of current sediment conditions adjacent to the riverbank will be required before any activities resulting in significant sediment disturbance, such as in-water construction or dredging, are initiated.

Lake River is an 11-mile-long side channel of the Columbia River and lies in the lower Columbia River west of Ridgefield, Washington, near the confluence of the Columbia and Lewis rivers. As described in the LRRE, shoreline vegetation in 2014, before the remediation work, consisted predominantly of nonnative California false indigo, reed canary grass, Himalayan blackberry, weeds (e.g., Queen Anne's lace), and low-growing groundcover. Native vegetation was limited, generally isolated, and surrounded by nonnative vegetation. Natives present included Oregon ash, cottonwood species, and willow species.

Approximately 148 lineal feet of native shrubs and trees along the approximately 1,800-foot-long shoreline was removed as part of the bank stabilization work and required compensatory mitigation. Three planting groves with native shrubs and trees, spanning a total of approximately 500 lineal feet, were installed on the shoreline in 2015 to meet the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources. In addition, the open areas between the groves were planted with native grasses. The total native plant area extends the length of the shoreline, covering approximately 2.7 acres. Plantings were installed as documented in the Lake River construction completion report (MFA, 2017).

Monitoring of the planting-grove vegetation is to be conducted annually for five years (until 2020). Year 1 (2016) mitigation monitoring was conducted in summer 2016, with results provided in the November 2016 monitoring report submitted to the COE (MFA, 2016). In brief, the 2016 report concluded that much of the planted woody vegetation had browned or perished, likely because of insufficient water during summer 2016, and the associated performance standard had not been met. Limited invasive-species encroachment had occurred, and the associated performance standard had been met. Based on these results, replacement plantings in all three groves, as well as ongoing manual control measures for invasive species, were recommended. To optimize plant establishment, the landscape contractor recommended fall/winter plantings in 2017, which are currently being coordinated.

The Year 2 (2017) mitigation monitoring results provided below reflect conditions prior to the replacement plantings and helped inform the selection of species (including quantities) for the replacement plantings.

SITE MANAGEMENT ACTIVITIES

Paul Brothers, Inc. (PBI), of Boring, Oregon, performed the restoration and planting of the shoreline. Plantings were completed in May 2015 and have been maintained as documented in the Lake River completion report (MFA, 2017). MFA gave verbal notice of substantial completion to PBI at a site inspection in October 2015.[1]

MFA conducted initial site inspections (September 2015), which included walking the project site; noting the condition of landscaping, weed infestations, and plant damage; and documenting site conditions. In October 2015, PBI removed the irrigation system. Following the 2016 site monitoring, MFA provided the 2016 monitoring report to PBI, informing them that replacement plantings and some invasive-species control would be necessary to meet performance standards. PBI recommended conducting fall/winter 2017 replacement plantings to optimize plant establishment. MFA conducted the Year 2 monitoring described in this report in September 2017. The results in this report were provided to PBI to provide up-to-date planting requirements (e.g., number of plants needed) and to refine species selection for the site (i.e., identify species that appear to be most tolerant of site

[1] This does not include PBI's ongoing maintenance requirements as part of the contract, which includes maintaining all planted areas through October 2018 in order to meet performance standards identified in the contract documents.

conditions and that had shown establishment success). The Year 2 (2017) mitigation monitoring results provided below reflect conditions prior to the replacement plantings.

PERFORMANCE STANDARDS

The following performance standards for the mitigation area are taken from the LRRE:

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

This performance standard for Year 2 is evaluated below.

Performance Standard 2. *Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).*

This performance standard has been met. Documentation is provided in the Lake River completion report (MFA, 2017) and is not further evaluated below.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

This performance standard for Year 2 is evaluated below.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Alternatively:

Performance Standard 3.2. *Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.*

This performance standard does not apply to this monitoring event.

COMPLIANCE MONITORING METHODOLOGY

The planting areas were inspected on September 29, 2017. The goal of the monitoring inspection was to determine the survival rate of the installed plant material and the extent of nonnative invasive plant encroachment, and to inform maintenance and plant replacement tasks that are required in order to meet the performance standards. The monitoring was performed by MFA ecologists consistent with the methodology and locations described in the 2016 monitoring report (MFA, 2016) and included:

- Establishing the identity and percent survival of native vegetation, using a point-line method; monitoring points at fixed intervals (approximately 5 feet) along three sampling transects spanning each planting grove were evaluated (see Figure 2). Data were recorded for plants

within 1 foot of the sampling units. Percent survival for each planting grove (Groves 1, 2, and 3) was determined based on the number of times a live species was observed at a sampling unit divided by the total number of times that species was observed.

- Establishing the areal percent cover of native and invasive vegetation, using the point-line method described above. Native percent cover for each planting grove was determined based on the number of times native vegetation was present at a sampling unit divided by the total number of sampling units within a grove. Invasive percent cover was determined in the same way.
- Taking photographs at representative photodocumentation points established in 2016 to compare plant vigor and growth between monitoring inspections. Three photodocumentation points for each planting grove (total of nine) were identified, as shown in Figure 2.
- Counting the total number of living/well-established shrubs and trees in each grove to assess the number of replacement plants needed to match the number of plants initially installed in 2015. Typical species identified as well-established were also noted to help inform plant species selection for the 2017 replacement plantings.

RESULTS

This is the second year of monitoring. Monitoring focused on plant identification and cover to provide management (e.g., plant replacement) recommendations and to evaluate the performance standards. Data are provided in the attached table and are discussed below with respect to the relevant performance standards presented above.

In general and as observed in August 2016, much of the planted woody vegetation has browned or perished, likely because of insufficient watering. During a site inspection conducted in May 2016, most plants appeared to be healthy and establishing. Replacement plantings are therefore being coordinated with the contractor, as described below. As noted in August 2016, limited invasive-species encroachment was observed. This was generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, and the native grasses planted are well-established and dense. A photo array showing the 2017 site conditions and photodocumentation points is attached.

CONCLUSIONS AND RECOMMENDATIONS

Performance Standard 1. During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.

The aerial cover for Groves 2 (20 percent) and 3 (13 percent) increased (in 2016 they were 3 and 10 percent, respectively) but does not exceed 20 percent for invasive species. In Grove 1, aerial cover increased from 27 percent in 2016 to 53 percent, primarily due to the spread of Queen Anne's lace. The average cover for all areas surveyed is 29 percent, exceeding the performance standard. The higher-percent invasive cover in Grove 1 is due primarily to the presence of small, isolated patches of reed canary grass and Queen Anne's lace. The grass likely encroached from the Ridgefield National

Wildlife Refuge immediately north, where reed canary grass is widespread and present in monodominant stands. The reed canary grass stands are occasionally mowed by the U.S. Fish and Wildlife Service (USFWS), and many acres of trees (which may help limit spread of the grass) were recently planted by USFWS in the same area. However, existing USFWS budgets and staffing levels typically do not allow for robust reed canary grass treatments (e.g., removal of the rhizome systems) to fully control regrowth and dispersal (USFWS, 2010).

To meet performance standards, reed canary grass and other invasive plant and root mass will be removed from the planting groves as part of the replacement planting efforts scheduled December 2017 through January 2018.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

Survival for native woody vegetation Groves 1 (42 percent), 2 (70 percent), and 3 (48 percent) is well below 100 percent, but Groves 2 and 3 increased (in 2016 they were 55 and 23 percent, respectively). This is because some plants scored as dead or dying during August 2016 showed leaf regeneration during the 2017 monitoring event and appear to be persisting. Willows, and to a lesser extent Douglas spiraea *(Spiraea douglasii)*, roses, and some snowberry, are performing better than other species such as dogwood, twinberry, and planted trees. Native grasses are well-established in the planting groves and, based on site observations, are also well-established in the areas between planting groves. As indicated above, it is likely that the woody plants deteriorated because of insufficient watering by the landscape contractor.

Replacement plantings will be installed in all three planting groves this winter (December 2017 through January 2018) as part of the maintenance contract with PBI. While conducting the annual monitoring, MFA observed a greater survival rate with specific plant varieties. The information collected along with the coordinated efforts with local native nurseries led to MFA's selection of hardy native upland plants to meet the site's conditions. The proposed plant list for replanting includes the following species: bald hip rose *(Rosa gymnocarpa),* Nootka rose *(Rosa nutkana),* Indian plum *(Oemleria cerasiformis),* salmonberry *(Rubus spectabilis),* thimbleberry *(Rubus parviflorus),* Douglas spiraea*,* Pacific crab apple *(Malus fusca),* willow species *(Salix spp.),* serviceberry *(Amelanchier alnifolia),* shore pine *(Pinus contorta),* and bigleaf maple *(Acer macrophyllum).* As bare root and seedling plants become available from nurseries in December 2017, PBI will immediately proceed with replanting as directed by MFA to meet the performance standards per the contract.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

MFA. 2014. Revised Lake River riparian enhancement plan addendum to the Joint Aquatic Resources Permit Application, NWS-2013-875. Maul Foster & Alongi, Inc. January 17.

MFA. 2016. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 1 (2016) vegetation monitoring. Maul Foster & Alongi, Inc. November 11.

MFA. 2017. Lake River construction completion report, Lake River remedial action, former Pacific Wood Treating Co. site. Maul Foster & Alongi, Inc. April 13.

USFWS. 2010. Ridgefield National Wildlife Refuge comprehensive conservation plan. U.S. Fish and Wildlife Service. September.

ATTACHMENTS

Table
Figures
Photographs

Table
Lake River Remedial Action (NWS-2013-875)
Year 2 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species															Invasive Species				
PLANTING GROVE 1																				
G1-A1														G		X				
G1-A2			X											G		X	X			
G1-A3			X					D						G		X				
G1-A4														G						
G1-A5														G				X		X
G1-A6				D										G						
G1-A7									D					G						
G1-A8														G						
G1-A9				D										G				X		
G1-A10														G						
G1-B1								D		X				G						
G1-B2										X				G				X		
G1-B3			X							X				G						
G1-B4														G				X		
G1-B5		D												G						
G1-B6												X		G						
G1-B7	D													G						
G1-B8	D													G						
G1-B9				D										G						
G1-B10	D													G						
G1-C1	D		X											G						
G1-C2			X										D	G						X
G1-C3														G				X		X
G1-C4														G		X				X
G1-C5				D										G		X			X	
G1-C6														G		X		X		X
G1-C7														G		X	X	X		X
G1-C8			X											G						X
G1-C9			X					D						G		X		X		
G1-C10				D										G						X
Native Percent Cover (all vegetation)	100%																			
Native Percent Cover (not including groundcover)	33%																			
Native Percent Survival (not including groundcover)	42%																			
Native Species Diversity (all vegetation)	4																			
Native Species Diversity (not including groundcover)	3																			
Native Species Total Count (Entire Grove Survey)	45																			
Invasive Percent Cover	53%																			

Table
Lake River Remedial Action (NWS-2013-875)
Year 2 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species															Invasive Species				
PLANTING GROVE 2																				
G2-A1			X					D						G						
G2-A2			X											G						X
G2-A3	D													G						
G2-A4			X											G						
G2-A5			X					D						G						
G2-A6				D										G						
G2-A7														G	G					
G2-A8		D												G						
G2-A9		D	X											G						
G2-A10			X							X				G						
G2-B1								D		X				G						
G2-B2					X									G						
G2-B3					X									G						X
G2-B4					X	X								G						
G2-B5					X	X								G						
G2-B6					X									G						
G2-B7			X		D									G	G					
G2-B8			X		X									G	G					
G2-B9			X		X									G	G					
G2-B10			X					X						G	G					
G2-B11				D										G	G					
G2-B12			X	D					X					G						
G2-B13				D										G	G			X		
G2-B14										X				G						X
G2-B15	D									X				G	G					X
G2-B16				D						X	X			G	G			X		
G2-B17										X				G	G					
G2-B18				D						X	X			G	G					
G2-B19										X				G	G					
G2-B20										X				G						
Native Percent Cover (all vegetation)	100%																			
Native Percent Cover (not including groundcover)	80%																			
Native Percent Survival (not including groundcover)	70%																			
Native Species Diversity (all vegetation)	9																			
Native Species Diversity (not including groundcover)	7																			
Native Species Total Count (Entire Grove Survey)	131																			
Invasive Percent Cover	20%																			

Table
Lake River Remedial Action (NWS-2013-875)
Year 2 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species															Invasive Species				
PLANTING GROVE 3																				
G3-A1	D													G						
G3-A2	D													G						
G3-A3														G						
G3-A4														G						
G3-A5										X				G						
G3-A6										X				G						
G3-A7										X				G						
G3-A8										D				G						
G3-A9								D						G						
G3-A10														G						X
G3-A11														G						
G3-A12														G						
G3-A13														G						
G3-A14	D													G			X			
G3-A15	D									X				G						
G3-B1										X				G			X			
G3-B2			X				D							G						
G3-B3							D			X				G						
G3-B4										X				G						
G3-B5										X				G						
G3-B6										D				G						
G3-B7										D				G						
G3-B8	D							D						G						
G3-B9	D													G						
G3-B10							X							G						
G3-B11					X		X							G						
G3-B12							X							G						
G3-B13										X				G						
G3-B14										D				G	G					
G3-B15										D				G				X		
Native Percent Cover (all vegetation)	100%																			
Native Percent Cover (not including groundcover)	43%																			
Native Percent Survival (not including groundcover)	48%																			
Native Species Diversity (all vegetation)	6																			
Native Species Diversity (not including groundcover)	4																			
Native Species Total Count (Entire Grove Survey)	55																			
Invasive Percent Cover	13%																			

Table
Lake River Remedial Action (NWS-2013-875)
Year 2 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Overall Mitigation Area Results	C.SER	L.INV	J.SPP	UNS	R.GYM	R.NUT	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
Percent Cover (all groves)	0%	0%	21%	0%	9%	2%	3%	1%	1%	23%	2%	1%	0%	100%	14%	9%	4%	12%	1%	14%
Percent Survival (all groves)	0%	0%	NP	0%	89%	100%	60%	11%	50%	81%	100%	100%	0%	100%	100%	NP	NP	NP	NP	NP

NOTES:
Photodocumentation points shown in **bold.**
Species diversity and percent cover calculations do not include dead (indicated by "D") plants.
C. SCO = Scotch broom (not planted).
C.SER = red twig dogwood.
CIRS = thistle (not planted).
D = dead vegetation. Includes woody vegetation noted in 2016 but not observed during 2017 monitoring. Not noted for groundcover vegetation and vegetation that was not planted.
D.CAR = Queen Anne's lace (not planted).
G = groundcover vegetation.
J.SPP = Juncus species (not planted).
L.INV = Twinberry.
NAGR = native grass (groundcover vegetation).
NP = not planted.
P.ARU = reed canary grass (not planted).
P.SPP = cherry species (choke cherry or bitter cherry)
R.GYM = baldhip rose
R.NUT = Nootka rose
R.SPP = rose species (baldhip or Nootka)
S.ALB = snowberry
S.DOU = Douglas spiraea
S.LAS = Pacific willow.
S.SCO = Scouler's willow.
T.PLI = Western red cedar.
T.REP = white clover (groundcover vegetation).
UNS = unidentified native shrub.
UNW = unidentified weedy groundcover vegetation (not planted).
X = live vegetation.

Source: Aerial photograph (2015) obtained from National Agriculture Imagery Program.

Legend

- Grove Boundary
- Road

Figure 1
Site Location

Port of Ridgefield
Ridgefield, Washington

0 390 780
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016
Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Fig1_Site Location_LakeRiver.mxd

DETAIL 1

GROVE LOCATIONS

SEE DETAIL 1

SEE DETAIL 2

GROVE 1

C10

C01

B10

A10

B01

A01

GROVE 2

B20

A10

A01

B01

GROVE 3

B15

A15

B01

A01

DETAIL 2

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

Legend

- Sample Location
- Sample Photo Documentation Point
- Vegetation Transect
- Grove Boundary

Figure 2
Lake River
Vegetation Transects

Port of Ridgefield
Ridgefield, Washington

0 30 60
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 1
2013. Lake River aerial prior to remediation. Looking north.

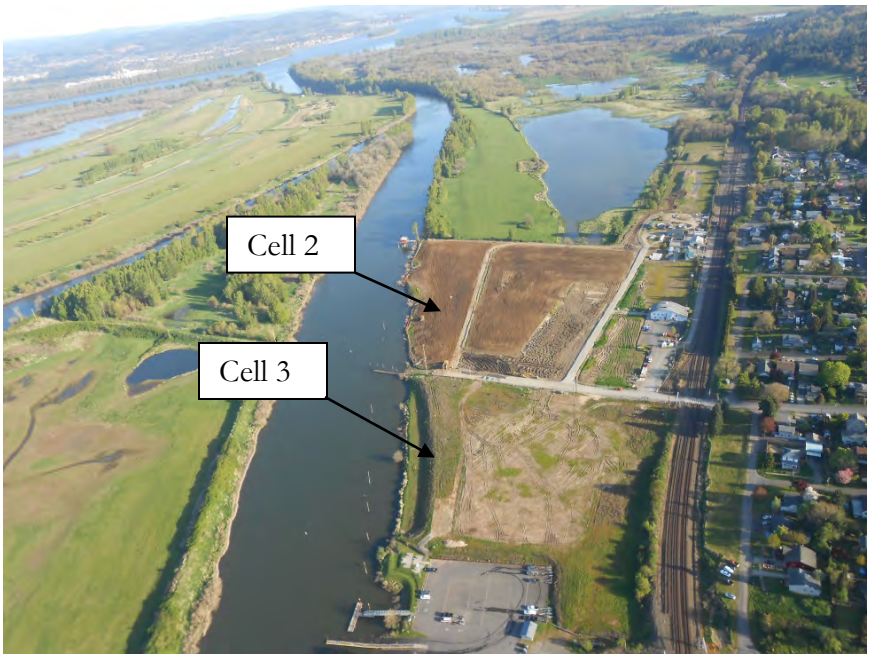


Photo No. 2
Winter 2013/4. Cell 3 shoreline prior to remediation. Knotweed, reed canary grass, and thistle. Looking south.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 3
Winter 2013/4. Cell 2 shoreline prior to remediation. False indigo bush and reed canary grass. Looking north.

Photo No. 4
April 2015. Grove 3 (Cell 3) following remediation and plantings. Shoreline debris removed and fish mix rounded rock in place. Looking north.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 5
April 2015. Grove 2 (Cell 2) following remediation and plantings. Looking north.

Photo No. 6
April 2015. Grove 1 (Cell 2) following remediation and plantings. Looking south.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 7
September 2017.
Grove 3 (Cell 3).
Looking north.

Photo No. 8
September 2017.
Grove 2 (Cell 2).
Looking south.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 9
September 2017.
Grove 1 (Cell 2).
Looking south.

Photo No. 10
September 2017. Photo point G1-A3. Perished Cherry tree.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 11
September 2017. Photo point G1-B3. Pacific willow and nearby Douglas spiraea, well-established.

Photo No. 12
September 2017. Photo point G1-C9. Juncus, Queen Anne's lace, and reed canary grass nearby. Dead cherry tree in area (not shown).

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 13
September 2017. Photo point G2-A3. Juncus and severely stressed cherry tree nearby.

Photo No. 14
September 2017. Photo point G2-B6. Baldhip rose and juncus nearby.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 15
September 2017.
Photo point G2-B15.
Douglas spiraea; reed canary grass nearby.

Photo No. 16
September 2017.
Photo point G3-A7.
Douglas spiraea and grasses.

PHOTOGRAPHS

Project: NWS-2013-875
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 17
August 2016. Photo point G3-B1. Douglas spiraea and grasses.

Photo No. 18
August 2016. Photo point G3-B8. Dead dogwood; severely stressed cherry tree nearby.

TECHNICAL MEMORANDUM

To:	Jim Carsner, U.S. Army Corps of Engineers	Date:	December 13, 2018
From:	Phil Wiescher, PhD, and Curtis Riley, RLA	Project:	NWS-2013-875

RE: Port of Ridgefield Lake River Remedial Action (NWS-2013-875) Year 3 (2018) Vegetation Monitoring

On behalf of the Port of Ridgefield, Maul Foster & Alongi, Inc. (MFA) has prepared this Year 3 (2018) vegetation monitoring report consistent with the Lake River Riparian Enhancement Plan (LRRE) (MFA, 2014). The LRRE is to be implemented in accordance with the U.S. Army Corps of Engineers (COE) Nationwide Permit 38 (NWS-2013-875), issued for the Lake River remedial action in Ridgefield, Washington. The remedial action addressed historical contamination of sediment in Lake River adjacent to Millers' Landing, site of the former Pacific Wood Treating Co. (PWT) facility (see Figure 1). PWT filed for bankruptcy and abandoned the site in 1993. The remedial action was required by the Washington State Department of Ecology for protection of human health and the environment and included precision dredging of contaminated sediment; placement of clean sand to contain residual contamination; bank stabilization elements, including placement of turf reinforcement mat and fish mix rounded rock; and removal of in-water and shoreline debris. To stabilize the bank, predominantly nonnative and some native vegetation was removed along the shoreline. The remediation work and restoration plantings implemented to improve the physical characteristics of the riverbank and establish a native plant community were substantively completed in spring 2015.

Institutional controls and an associated environmental covenant are not required for Lake River. However, characterization of current sediment conditions adjacent to the riverbank will be required before any activities resulting in significant sediment disturbance, such as in-water construction or dredging, are initiated.

Lake River is an 11-mile-long side channel of the Columbia River and lies in the lower Columbia River west of Ridgefield, Washington, near the confluence of the Columbia and Lewis rivers. As described in the LRRE, shoreline vegetation in 2014, before the remediation work, consisted predominantly of nonnative California false indigo, reed canary grass, Himalayan blackberry, weeds (e.g., Queen Anne's lace), and low-growing groundcover. Native vegetation was limited, generally isolated, and surrounded by nonnative vegetation. Natives present included Oregon ash, cottonwood species, and willow species.

Approximately 148 lineal feet of native shrubs and trees along the approximately 1,800-foot-long shoreline was removed as part of the bank stabilization work and required compensatory mitigation. Three planting groves with native shrubs and trees, spanning a total of approximately 500 lineal feet, were installed on the shoreline in 2015 to meet the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources. In addition, the open areas between the groves were planted with native grasses. The total native plant area extends the length of the shoreline, covering approximately 2.7 acres. Plantings were installed as documented in the Lake River construction completion report (MFA, 2018).

Monitoring of the planting-grove vegetation is to be conducted annually for five years (until 2020). Year 1 (2016) mitigation monitoring was conducted in summer 2016, with results provided in the November 2016 monitoring report submitted to the COE (MFA, 2016). In brief, the 2016 report concluded that much of the planted woody vegetation had browned or perished, likely because of insufficient water during summer 2016, and the associated performance standard had not been met. Limited invasive-species encroachment had occurred, and the associated performance standard had been met. Invasive-species encroachment was generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, and the native grasses planted are well-established and dense. The Year 2 (2017) mitigation monitoring in September 2017 concluded, as in August 2016, that much of the planted woody vegetation had browned or perished, likely because of insufficient watering. Based on these results, replacement plantings in all three groves, as well as ongoing manual control measures for invasive species, were recommended to meet the performance standards.

In fall 2017, the results of the 2017 monitoring report and a revegetation memo were provided to Paul Brothers, Inc. (PBI), of Boring, Oregon. The revegetation memo included a selection of species for replanting that had demonstrated successful establishment on site. These species included: serviceberry *(Amelanchier alnifolia)*, Douglas spiraea *(Spiraea douglasii),* Nootka rose *(Rosa nutkana),* Pacific willow *(Salix lucida),* tall Oregon grape (*Mahonia aquifolium),* and red alder *(Alnus rubra)*. PBI replanted the three groves in December 2017.

SITE MANAGEMENT ACTIVITIES

The landscape contractor, PBI, restored and planted the shoreline. Plantings were completed in May 2015 and have been maintained as documented in the Lake River completion report (MFA, 2018). MFA gave verbal notice of substantial completion to PBI at a site inspection in October 2015.[1]

MFA conducted initial site inspections (September 2015), which included walking the project site; noting the condition of landscaping, weed infestations, and plant damage; and documenting site conditions. In October 2015, PBI removed the irrigation system. Following the 2016 site monitoring, MFA provided the 2016 monitoring report to PBI, informing them that replacement plantings and some invasive-species control would be necessary to meet performance standards. PBI recommended conducting fall/winter 2017 replacement plantings to optimize plant establishment. MFA conducted

[1] This does not include PBI's ongoing maintenance requirements as part of the contract, which includes maintaining all planted areas through October 2018 in order to meet performance standards identified in the contract documents.

the Year 2 monitoring in September 2017 and the results were provided to PBI to provide up-to-date planting requirements (e.g., number of plants needed) and to refine species selection for the site (i.e., identify species that appear to be most tolerant of site conditions and that had shown establishment success). Following the monitoring in fall 2017, a revegetation memo was submitted to PBI to direct the replanting efforts. In December 2017, PBI proceeded with the replanting of all three upland groves along Lake River.

In spring 2018, Sound Native Plants (SNP), of Olympia, Washington, continued vegetation management with mowing, cutting, and hand pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system. SNP conducted six irrigation/maintenance visits from April through September 2018 to hand water each planting grove and perform vegetation management as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities.

The Year 3 (2018) mitigation monitoring results are provided below.

PERFORMANCE STANDARDS

The following performance standards for the mitigation area are taken from the LRRE:

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

This performance standard for Year 3 is evaluated below.

Performance Standard 2. *Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).*

This performance standard has been met. Documentation is provided in the Lake River completion report (MFA, 2018) and this standard is not further evaluated below.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

This performance standard does not apply to this monitoring event.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Alternatively:

Performance Standard 3.2. *Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.*

This performance standard for Year 3 is evaluated below.

COMPLIANCE MONITORING METHODOLOGY

The planting areas were inspected on September 21, 2018. The goal of the monitoring inspection was to determine the survival rate of the installed plant material and the extent of nonnative invasive plant encroachment, and to inform maintenance and plant replacement tasks that are required in order to meet the performance standards. The monitoring was performed by MFA ecologists, consistent with the methodology and locations described in the 2016 monitoring report (MFA, 2016) and included:

- Establishing the identity and percent survival of native vegetation, using a point-line method; monitoring points at fixed intervals (approximately 5 feet) along three sampling transects spanning each planting grove were evaluated (see Figure 2). Data were recorded for plants within 1 foot of the sampling units. Percent survival for each of the three planting grove was determined based on the number of times a live species was observed at a sampling unit divided by the total number of times that species was observed.
- Establishing the areal percent cover of native and invasive vegetation, using the point-line method described above. Native percent cover for each planting grove was determined based on the number of times native vegetation was present at a sampling unit divided by the total number of sampling units in a grove. Invasive percent cover was determined in the same way.
- Taking photographs at representative photodocumentation points established in 2016 to compare plant vigor and growth between monitoring inspections. Three photodocumentation points for each planting grove (total of nine) were identified, as shown in Figure 2.

RESULTS

This is the third year of monitoring. Monitoring focused on plant identification and cover to provide management recommendations and to evaluate the performance standards. Data are provided in the attached table and are discussed below with respect to the relevant performance standards presented above.

In general, the originally (2015) planted woody vegetation, in addition to the replanted (2017) vegetation, is becoming well-established and diverse. Annual vegetation management has limited the invasive-species encroachment. This result is generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, in addition to the well-established and dense

native grasses. A photo array showing the 2017 site conditions and photodocumentation points is attached.

CONCLUSIONS AND RECOMMENDATIONS

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

The average cover for all areas surveyed is 24 percent, exceeding the performance standard. The aerial cover for Groves 2 (10 percent) and 3 (10 percent) decreased (in 2017 they were 20 and 13 percent, respectively) and does not exceed 20 percent for invasive species. In Grove 1, aerial cover remained the same as in 2017, at 53 percent, primarily due to the spread of unidentified, low-growing weeds, but including small, isolated patches of reed canary grass and Queen Anne's lace. . The grass likely encroached from the Ridgefield National Wildlife Refuge immediately north, where reed canary grass is widespread in monodominant stands. The reed canary grass stands are occasionally mowed by the U.S. Fish and Wildlife Service (USFWS), and many acres of trees (which may help limit spread of the grass) were recently planted by USFWS in the same area. However, existing USFWS budgets and staffing levels typically do not allow for robust reed canary grass treatments (e.g., removal of the rhizome systems) to fully control regrowth and dispersal (USFWS, 2010).

To meet performance standards, reed canary grass and other invasive plant and root mass will be removed from the planting groves as part of the vegetation management efforts scheduled for November 2018 through September 2019.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

The performance standard is met. Survival for native woody vegetation Groves 1 (93 percent), 2 (100 percent), and 3 (87 percent) is above 80 percent; all three groves increased greatly with replacement plantings (in 2017 they were 42, 70, and 48 percent, respectively). In addition to the replanting in December 2017, several plants found during August 2016 to be dead or dying showed leaf regeneration during the 2017 monitoring event and appear to be persisting in 2018. Willows, and to a lesser extent Douglas spiraea *(Spiraea douglasii)*, roses, and some snowberry, are performing better than other species such as dogwood, twinberry, and planted trees. Native grasses are well-established in the planting groves and, based on site observations, are also well-established in the areas between planting groves.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

MFA. 2014. Revised Lake River riparian enhancement plan addendum to the Joint Aquatic Resources Permit Application, NWS-2013-875. Maul Foster & Alongi, Inc. January 17.

MFA. 2016. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 1 (2016) vegetation monitoring. Maul Foster & Alongi, Inc. November 11.

MFA. 2018. Lake River construction completion report, Lake River remedial action, former Pacific Wood Treating Co. site. Maul Foster & Alongi, Inc. October 1.

USFWS. 2010. Ridgefield National Wildlife Refuge comprehensive conservation plan. U.S. Fish and Wildlife Service. September.

ATTACHMENTS

Table
Figures
Photographs

TABLE

Table
Lake River Remedial Action (NWS-2013-875)
Year 3 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	A. ALN	H. DIS	P.CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																	Invasive Species				
PLANTING GROVE 1																						
G1-A1												X				G		X				
G1-A2																G		X				
G1-A3						X				X						G						
G1-A4												X				G				X		
G1-A5							X									G		X		X		X
G1-A6																G						
G1-A7			X													G						
G1-A8											X					G						
G1-A9			X													G				X		
G1-A10							X									G						
G1-B1										D		X				G						
G1-B2												X				G						
G1-B3												X				G						
G1-B4						X						X				G						
G1-B5												X				G			X			
G1-B6												X		X		G						
G1-B7							X					X				G						
G1-B8			X							X						G						
G1-B9							X									G						
G1-B10							X									G						
G1-C1						X						X				G				X		X
G1-C2			X			X			X							G				X		X
G1-C3			X			X										G				X		X
G1-C4			X													G				X		
G1-C5									X							G				X		X
G1-C6		X														G		X		X		
G1-C7		X														G		X		X		
G1-C8		X				X										G				X		
G1-C9						X			X							G		X		X		
G1-C10									X			X				G				X		X
Native Percent Cover (all vegetation)	100%																					
Native Percent Cover (not including groundcover)	93%																					
Native Percent Survival (not including groundcover)	98%																					
Native Species Diversity (all vegetation)	11																					
Native Species Diversity (not including groundcover)	9																					
Native Species Total Count (Entire Grove Survey)	40																					
Invasive Percent Cover	53%																					

Table
Lake River Remedial Action (NWS-2013-875)
Year 3 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																	Invasive Species				
PLANTING GROVE 2																						
G2-A1						X	X		X	D						G						
G2-A2						X						X				G						
G2-A3						X			X			X				G						
G2-A4						X	X			X						G						
G2-A5		X		X												G						
G2-A6									X							G						
G2-A7							X									G						
G2-A8							X									G						
G2-A9						X						X				G						
G2-A10		X				X										G						
G2-B1										X		X				G						
G2-B2									X							G						
G2-B3									X							G						X
G2-B4							X		X							G						
G2-B5									X							G						
G2-B6						X	X					X				G						
G2-B7		X														G						
G2-B8			X			X										G						
G2-B9						X			X							G						
G2-B10						X				X						G						
G2-B11						X										G						
G2-B12						X						X				G						
G2-B13											X	X				G				X		
G2-B14								X				X				G						
G2-B15						X						X				G						X
G2-B16								D					X			G						
G2-B17				X								X				G						
G2-B18												X	X			G						
G2-B19												X				G						
G2-B20												X				G						
Native Percent Cover (all vegetation)	100%																					
Native Percent Cover (not including groundcover)	100%																					
Native Percent Survival (not including groundcover)	96%																					
Native Species Diversity (all vegetation)	11																					
Native Species Diversity (not including groundcover)	10																					
Native Species Total Count (Entire Grove Survey)	53																					
Invasive Percent Cover	10%																					

Table
Lake River Remedial Action (NWS-2013-875)
Year 3 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																	Invasive Species				
PLANTING GROVE 3																						
G3-A1							X									G			X			
G3-A2							X									G						
G3-A3							X									G						
G3-A4												X				G						
G3-A5												X				G						
G3-A6												X				G						
G3-A7												X				G						
G3-A8												X				G						
G3-A9										X						G						
G3-A10							X									G						
G3-A11							X		X							G						
G3-A12									X							G						
G3-A13																G						
G3-A14												X				G						
G3-A15												X				G						
G3-B1												X				G						
G3-B2							X					X				G			X			
G3-B3							X					X				G						
G3-B4												X				G						
G3-B5												X				G						
G3-B6												X				G						
G3-B7												X				G						
G3-B8												X				G						
G3-B9																G						
G3-B10																G						
G3-B11																G						
G3-B12									X							G						
G3-B13									X							G						
G3-B14									X							G				X		
G3-B15												X				G						
Native Percent Cover (all vegetation)	100%																					
Native Percent Cover (not including groundcover)	87%																					
Native Percent Survival (not including groundcover)	100%																					
Native Species Diversity (all vegetation)	5																					
Native Species Diversity (not including groundcover)	4																					
Native Species Total Count (Entire Grove Survey)	29																					
Invasive Percent Cover	10%																					

Table
Lake River Remedial Action (NWS-2013-875)
Year 3 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

NOTES:
Photodocumentation points shown in **bold.**
Species diversity and percent cover calculations do not include dead (indicated by "D") plants.
A. ALN = serviceberry.
C. SCO = Scotch broom (not planted).
C.SER = red twig dogwood.
CIRS = thistle (not planted).
D = dead vegetation. Includes woody vegetation noted in 2016 but not observed during 2017 monitoring. Not noted for groundcover vegetation and vegetation that was not planted.
D.CAR = Queen Anne's lace (not planted).
G = groundcover vegetation.
H. DIS = ocean spray.
J.SPP = *Juncus* species (not planted).
L.INV = twinberry.
M. AQU = tall Oregon grape.
NAGR = native grass (groundcover vegetation).
P. ARU = reed canary grass (not planted).
P. CAP = Pacific ninebark.
P. MEN = Douglas fir.
P.SPP = cherry species (choke cherry or bitter cherry).
R.SPP = rose species (baldhip or Nootka).
S.ALB = snowberry.
S.DOU = Douglas spiraea.
S.LAS = Pacific willow.
S.SCO = Scouler's willow.
T.PLI = Western red cedar.
T.REP = white clover (groundcover vegetation).
UNS = unidentified native shrub.
UNW = unidentified weedy groundcover vegetation (not planted).
X = live vegetation.

FIGURES

Source: Aerial photograph (2015) obtained from National Agriculture Imagery Program.

Legend

- Grove Boundary
- Road

Figure 1
Site Location

Port of Ridgefield
Ridgefield, Washington

0 390 780
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016
Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Fig1_Site Location_LakeRiver.mxd

DETAIL 1

GROVE LOCATIONS

SEE DETAIL 1

SEE DETAIL 2

GROVE 1

C10

C01

B10

A10

B01

A01

GROVE 2

B20

A10

A01

B01

GROVE 3

B15

A15

B01

A01

DETAIL 2

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

Legend

- Sample Location
- Sample Photo Documentation Point
- Vegetation Transect
- Grove Boundary

Figure 2
Lake River
Vegetation Transects

Port of Ridgefield
Ridgefield, Washington

0 30 60
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016

PHOTOGRAPHS

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 1.

Description
2013. Lake River aerial prior to remediation. Looking north.

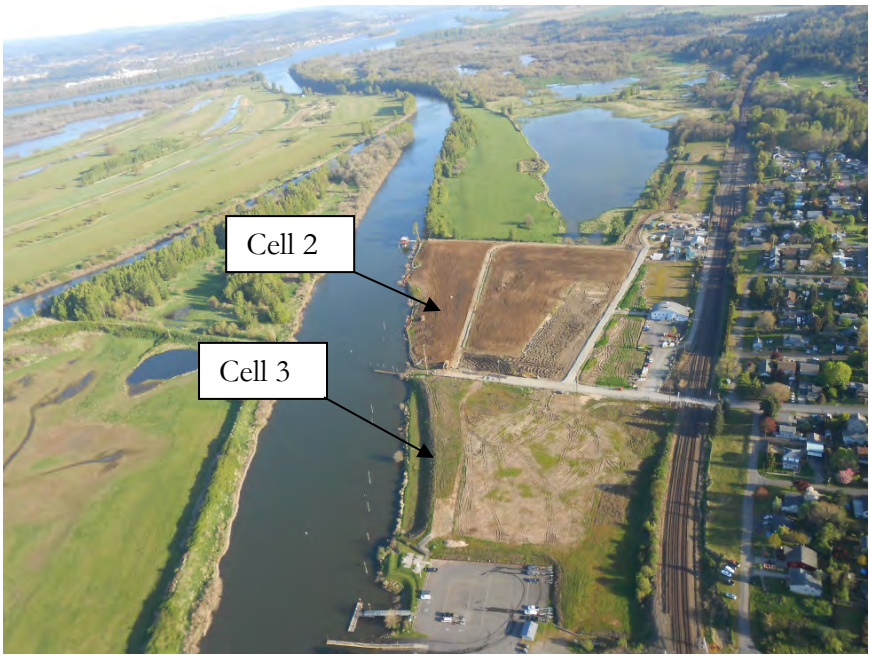


Photo No. 2.

Description
Winter 2013/4. Cell 3 shoreline prior to remediation. Knotweed, reed canary grass, and thistle. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 3.

Description
Winter 2013/4. Cell 2 shoreline prior to remediation. False indigo bush and reed canary grass. Looking north.

Photo No. 4.

Description
April 2015. Grove 3 (Cell 3) following remediation and plantings. Shoreline debris removed and fish mix rounded rock in place. Looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 5.

Description
April 2015. Grove 2 (Cell 2) following remediation and plantings. Looking north.

Photo No. 6.

Description
April 2015. Grove 1 (Cell 2) following remediation and plantings. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 7.

Description
September 2017.
Grove 3 (Cell 3).
Looking north.

Photo No. 8.

Description
September 2017.
Grove 2 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 9.

Description
September 2017.
Grove 1 (Cell 2).
Looking south.

Photo No. 10.

Description
September 2018.
Grove 1 (Cell 2).
Looking south.

MAUL FOSTER ALONGI

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 11.

Description
September 2018. Grove 2 (Cell 2). West side of gravel path, looking northwest.

Photo No. 12.

Description
September 2018. Grove 2 (Cell 2). East side of gravel path, looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 13.

Description
September 2018.
Grove 3 (Cell 3). East side of gravel path, looking north.

Photo No. 14.

Description
September 2018.
Photo point G1-A3.
Cherry tree sprouting.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 15.

Description
September 2018.
Photo point G1-B3.
Well-established
Douglas spiraea.

Photo No. 16.

Description
September 2018.
Photo point G1-C9.
Juncus and rose
species.

MAUL FOSTER ALONGI

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 17.

Description
September 2018. Photo point G2-A3. Juncus and newly sprouting shoots from cherry tree nearby.

Photo No. 18.

Description
September 2018. Photo point G2-B6. Recently planted Oregon grape, and well-stablished Douglas spiraea and Juncus.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 19.

Description
September 2018.
Photo point G2-B15.
Douglas spiraea and Juncus with Pacific willow nearby.

Photo No. 20.

Description
September 2018.
Photo point G3-A7.
Douglas spiraea and grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 21.

Description
September 2018.
Photo point G3-B1.
Douglas spiraea and grasses.

Photo No. 22.

Description
September 2018.
Photo point G3-B8.
Douglas spiraea and cherry tree sprouting new shoots nearby.

TECHNICAL MEMORANDUM

To:	Jim Carsner, U.S. Army Corps of Engineers	Date:	December 17, 2019
From:	Phil Wiescher, PhD, and Curtis Riley, RLA	Project:	NWS-2013-875
RE:	Port of Ridgefield Lake River Remedial Action (NWS-2013-875) Year 4 (2019) Vegetation Monitoring		

On behalf of the Port of Ridgefield, Maul Foster & Alongi, Inc. (MFA) has prepared this Year 4 (2019) vegetation monitoring report consistent with the Lake River Riparian Enhancement Plan (LRRE) (MFA, 2014). The LRRE is to be implemented in accordance with the U.S. Army Corps of Engineers Nationwide Permit 38 (NWS-2013-875), issued for the Lake River remedial action in Ridgefield, Washington. The remedial action addressed historical contamination of sediment in Lake River adjacent to Millers' Landing, site of the former Pacific Wood Treating Co. (PWT) facility (see Figure 1). PWT filed for bankruptcy and abandoned the site in 1993. The remedial action was required by the Washington State Department of Ecology for protection of human health and the environment and included precision dredging of contaminated sediment; placement of clean sand to contain residual contamination; bank stabilization elements, including placement of turf reinforcement mat and fish mix rounded rock; and removal of in-water and shoreline debris. To stabilize the bank, predominantly nonnative and some native vegetation was removed along the shoreline. The remediation work and restoration plantings implemented to improve the physical characteristics of the riverbank and establish a native plant community were substantively completed in spring 2015.

Institutional controls and an associated environmental covenant are not required for Lake River. However, characterization of current sediment conditions adjacent to the riverbank will be required before any activities resulting in significant sediment disturbance, such as in-water construction or dredging, are initiated.

Lake River is an 11-mile-long side channel of the Columbia River and lies in the lower Columbia River west of Ridgefield, Washington, near the confluence of the Columbia and Lewis rivers. As described in the LRRE, shoreline vegetation in 2014, before the remediation work, consisted predominantly of nonnative California false indigo; reed canary grass; Himalayan blackberry; weeds (e.g., Queen Anne's lace); and low-growing groundcover. Native vegetation was limited, generally isolated, and surrounded by nonnative vegetation. Natives present included Oregon ash, cottonwood species, and willow species.

Approximately 148 lineal feet of native shrubs and trees along the approximately 1,800-foot-long shoreline were removed as part of the bank stabilization work and required compensatory mitigation. Three planting groves with native shrubs and trees, spanning a total of approximately 500 lineal feet, were installed on the shoreline in 2015 to meet the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources. In addition, the open areas between the groves were planted with native grasses. The total native plant area extends the length of the shoreline, covering approximately 2.7 acres. Plantings were installed as documented in the Lake River construction completion report (MFA, 2018).

Monitoring of the planting-grove vegetation is to be conducted annually for five years (until 2020). Year 1 (2016) mitigation monitoring was conducted in summer 2016, with results provided in the November 2016 monitoring report submitted to the COE (MFA, 2016). In brief, the 2016 report concluded that much of the planted woody vegetation had browned or perished, likely because of insufficient water during summer 2016, and the associated performance standard had not been met. Limited invasive-species encroachment had occurred, and the associated performance standard had been met. Invasive-species encroachment was generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, and the native grasses planted are well-established and dense.

The Year 2 (2017) mitigation monitoring in September 2017 concluded, as in August 2016, that much of the planted woody vegetation had browned or perished, likely because of insufficient watering. Based on these results, replacement plantings in all three groves, as well as ongoing manual control measures for invasive species, were recommended to meet the performance standards. These species included: serviceberry *(Amelanchier alnifolia)*, Douglas spiraea *(Spiraea douglasii),* Nootka rose *(Rosa nutkana),* Pacific willow *(Salix lucida),* tall Oregon grape (*Mahonia aquifolium),* and red alder *(Alnus rubra)* (MFA, 2017). Replanting occurred in the three groves in December 2017.

Year 3 (2018) continued with vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system. Irrigation/maintenance visits from April through September 2018 included hand-watering of each planting grove and performing vegetation management as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities (MFA, 2018b).

SITE MANAGEMENT ACTIVITIES

The landscape contractor, Paul Brothers, Inc. (PBI), of Boring, Oregon, restored and planted the shoreline. Plantings were completed in May 2015 and have been maintained as documented in the Lake River completion report (MFA, 2018). MFA gave verbal notice of substantial completion to PBI at a site inspection in October 2015.[1]

[1] This does not include PBI's ongoing maintenance requirements as part of the contract, which includes maintaining all planted areas through October 2018 in order to meet performance standards identified in the contract documents.

MFA conducted initial site inspections (September 2015), which included walking the project site; noting the condition of landscaping, weed infestations, and plant damage; and documenting site conditions. In October 2015, PBI removed the irrigation system. Following the 2016 site monitoring, MFA provided the 2016 monitoring report to PBI, informing them that replacement plantings and some invasive-species control would be necessary to meet performance standards. PBI recommended conducting fall/winter 2017 replacement plantings to optimize plant establishment.

MFA conducted the Year 2 monitoring in September 2017, and the results were provided to PBI to provide up-to-date planting requirements (e.g., number of plants needed) and to refine species selection for the site (i.e., identify species that appear to be most tolerant of site conditions and had shown establishment success). Following the monitoring in fall 2017, a revegetation memo was submitted to PBI to direct the replanting efforts. In December 2017, PBI proceeded with the replanting of all three upland groves along Lake River.

In spring 2018, Sound Native Plants (SNP), of Olympia, Washington, continued vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system. SNP conducted six irrigation/maintenance visits from April through September 2018 to hand-water each planting grove and perform vegetation management as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities.

In 2019, SNP continued vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and hand-watering each of the planting groves as required. Much of the originally planted native vegetation as part of the initial restoration efforts in 2015 had become established. In addition, the newly replanted vegetation as part of the 2017 replanting was showing successful signs of becoming self-sufficient.

The Year 4 (2019) mitigation monitoring results are provided below.

PERFORMANCE STANDARDS

The following performance standards for the mitigation area are taken from the LRRE:

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

This performance standard for Year 4 is evaluated below.

Performance Standard 2. *Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).*

This performance standard has been met. Documentation is provided in the Lake River completion report (MFA, 2018a), and this standard is not further evaluated below.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

This performance standard does not apply to this monitoring event.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Alternatively:

Performance Standard 3.2. *Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.*

This performance standard for Year 4 is evaluated below.

COMPLIANCE MONITORING METHODOLOGY

The planting areas were inspected on October 2, 2019. The goal of the monitoring inspection was to determine the survival rate of the installed plant material and the extent of nonnative invasive plant encroachment and to inform maintenance and potential plant replacement tasks that are required in order to meet the performance standards. The monitoring was performed by MFA ecologists, consistent with the methodology and locations described in the 2016 monitoring report (MFA, 2016), and included:

- Establishing the identity and percent survival of native vegetation, using a point-line method; monitoring points at fixed intervals (approximately 5 feet) along three sampling transects spanning each planting grove were evaluated (see Figure 2). Data were recorded for plants within 1 foot of the sampling units. Percent survival for each of the three planting groves was determined based on the number of times a live species was observed at a sampling unit divided by the total number of times that species was observed.
- Establishing the areal percent cover of native and invasive vegetation, using the point-line method described above. Native percent cover for each planting grove was determined based on the number of times native vegetation was present at a sampling unit divided by the total number of sampling units in a grove. Invasive percent cover was determined in the same way.
- Taking photographs at representative photodocumentation points established in 2016 to compare plant vigor and growth between monitoring inspections. Three photodocumentation points for each planting grove (total of nine) were identified, as shown in Figure 2.

RESULTS

This is the fourth year of monitoring. Monitoring focused on plant identification and cover to provide management recommendations and to evaluate the performance standards. Transect data are provided

in the attached table and are discussed below with respect to the relevant performance standards presented above.

In general, the originally (2015) planted woody vegetation, in addition to the replanted (2017) vegetation, is becoming well-established and diverse. Annual vegetation management and the well-established and dense native grasses have limited invasive-species encroachment as feasible, however there are occurrences of reed canary grass or common weeds such as Queen Anne's lace. A photo array showing the 2019 site conditions and photodocumentation points is attached.

CONCLUSIONS AND RECOMMENDATIONS

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

The average cover for all areas surveyed is 57 percent, exceeding the performance standard. In Grove 1, the aerial cover was 60 percent; in Grove 2, the aerial cover was 43 percent; and in Grove 3, the aerial cover was 67 percent. This is an increase from the 2018 monitoring and is primarily due to the spread of unidentified, low-growing weeds; some spreading patches of thistle; and small isolated patches of reed canary grass. The grass and thistle likely encroached from the Ridgefield National Wildlife Refuge immediately north, where reed canary grass and thistle are widespread in dominant stands. The reed canary grass stands are occasionally mowed by the U.S. Fish and Wildlife Service (USFWS), and many acres of trees (which may help limit spread of the grass) were recently planted by USFWS in the same area. However, existing USFWS budgets and staffing levels typically do not allow for robust reed canary grass treatments (e.g., removal of the rhizome systems) to fully control regrowth and dispersal (USFWS, 2010).

To meet performance standards, reed canary grass and other invasive plant and root mass will be removed from the planting groves as part of the vegetation management efforts scheduled for November 2019 through September 2020.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Survival for native woody vegetation Groves 1 (100 percent), 2 (98 percent), and 3 (100 percent) is above 80 percent. Replacement plantings were installed and maintained in 2017 through 2019 as described above. The performance standard is met.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

MFA. 2014. Revised Lake River riparian enhancement plan addendum to the Joint Aquatic Resources Permit Application, NWS-2013-875. Maul Foster & Alongi, Inc., Vancouver, Washington. January 17.

MFA. 2016. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 1 (2016) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. November 11.

MFA. 2017. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 2 (2017) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. November 20.

MFA. 2018a. Lake River construction completion report, Lake River remedial action, former Pacific Wood Treating Co. site. Maul Foster & Alongi, Inc., Vancouver, Washington. October 1.

MFA. 2018b. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 3 (2018) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. December 13.

USFWS. 2010. Ridgefield National Wildlife Refuge comprehensive conservation plan. U.S. Fish and Wildlife Service. September.

ATTACHMENTS

Table
Figures
Photographs

TABLE

Table
Lake River Remedial Action (NWS-2013-875)
Year 4 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P.CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																			Invasive Species				
PLANTING GROVE 1																								
G1-A1	X	X												X				G				X		
G1-A2																		G						
G1-A3	X							X				X						G				X		
G1-A4														X				G				X		
G1-A5									X									G			X	X		X
G1-A6																		G						
G1-A7					X													G						
G1-A8													X					G						
G1-A9					X													G				X		
G1-A10		X							X									G		X		X		
G1-B1	X	X										X		X				G						
G1-B2														X				G				X		
G1-B3														X				G						
G1-B4								X						X				G						
G1-B5								X						X				G						
G1-B6														X				G						
G1-B7									X					X				G				X		
G1-B8												X						G						
G1-B9									X									G						
G1-B10									X									G						
G1-C1								X			X		X					G				X		X
G1-C2					X			X			X							G				X		X
G1-C3					X			X										G			X	X		X
G1-C4					X													G				X		X
G1-C5											X							G			X	X		X
G1-C6				X														G		X		X		X
G1-C7				X														G		X		X		X
G1-C8				X				X			X							G				X		
G1-C9								X										G				X		X
G1-C10								X			X			X				G				X		X
Native Percent Cover (all vegetation)	100%																							
Native Percent Cover (not including groundcover)	93%																							
Native Percent Survival (not including groundcover)	100%																							
Native Species Diversity (all vegetation)	11																							
Native Species Diversity (not including groundcover)	10																							
Native Species Total Count (Entire Grove Survey)	48																							
Invasive Percent Cover	60%																							

Table
Lake River Remedial Action (NWS-2013-875)
Year 4 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																			Invasive Species				
PLANTING GROVE 2																								
G2-A1									X		X	X		X				G		X				
G2-A2								X			X							G						
G2-A3								X			X			X				G						
G2-A4								X			X	X						G						
G2-A5						X			X					X				G						
G2-A6																		G				X		
G2-A7											X			X				G				X		
G2-A8									X									G						
G2-A9								X						X				G						
G2-A10				X														G				X		
G2-B1												X		X				G						
G2-B2											X							G						
G2-B3											X							G						X
G2-B4									X		X							G						
G2-B5											X							G						
G2-B6								X	X					X				G			X			
G2-B7				X							X							G						
G2-B8					X			X			X							G			X			
G2-B9								X			X							G				X		
G2-B10								X				X						G						
G2-B11								X						X				G			X	X		
G2-B12								X						X				G				X		
G2-B13								X					X	X				G				X		
G2-B14														X				G						
G2-B15								X						X				G						X
G2-B16										D					X			G						
G2-B17						X								X				G						
G2-B18														X	X			G						
G2-B19														X				G						
G2-B20														X				G		X				
Native Percent Cover (all vegetation)			100%																					
Native Percent Cover (not including groundcover)			97%																					
Native Percent Survival (not including groundcover)			98%																					
Native Species Diversity (all vegetation)			11																					
Native Species Diversity (not including groundcover)			10																					
Native Species Total Count (Entire Grove Survey)			57																					
Invasive Percent Cover			43%																					

Table
Lake River Remedial Action (NWS-2013-875)
Year 4 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	T.PLI	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU
	Native Species																			Invasive Species				
PLANTING GROVE 3																								
G3-A1									X									G			X			
G3-A2									X									G			X			
G3-A3									X									G			X			
G3-A4														X				G			X			
G3-A5														X				G			X			
G3-A6														X				G						
G3-A7														X				G			X			
G3-A8																		G						
G3-A9												X						G						
G3-A10	X								X									G						
G3-A11											X							G						
G3-A12											X							G						
G3-A13																		G			X			
G3-A14														X				G			X			
G3-A15														X				G						
G3-B1														X				G						
G3-B2									X					X				G			X			
G3-B3														X				G			X			
G3-B4														X				G						
G3-B5											X			X				G			X			
G3-B6														X				G			X			
G3-B7																		G			X			
G3-B8																		G			X			
G3-B9																		G			X			
G3-B10											X							G			X			
G3-B11											X							G						
G3-B12											X							G			X			
G3-B13											X							G			X			
G3-B14																		G				X		
G3-B15														X				G			X			
Native Percent Cover (all vegetation)			100%																					
Native Percent Cover (not including groundcover)			80%																					
Native Percent Survival (not including groundcover)			100%																					
Native Species Diversity (all vegetation)			6																					
Native Species Diversity (not including groundcover)			5																					
Native Species Total Count (Entire Grove Survey)			27																					
Invasive Percent Cover			67%																					

Table
Lake River Remedial Action (NWS-2013-875)
Year 4 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

NOTES:
Photodocumentation points shown in **bold.**
Species diversity and percent cover calculations do not include dead (indicated by "D") plants.
A. ALN = serviceberry.
A.MIL = common yarrow
C. SCO = Scotch broom (not planted).
C.SER = red twig dogwood.
CIRS = thistle (not planted).
D = dead vegetation. Includes woody vegetation noted previously but not observed during 2019 monitoring. Not noted for groundcover vegetation and vegetation that was not planted.
D.CAR = Queen Anne's lace (not planted).
G = groundcover vegetation.
H. DIS = ocean spray.
J.SPP = *Juncus* species (not planted).
L.INV = twinberry.
L.SPP = Lupine
M. AQU = tall Oregon grape.
NAGR = native grass (groundcover vegetation).
P. ARU = reed canary grass (not planted).
P. CAP = Pacific ninebark.
P. MEN = Douglas fir.
P.SPP = cherry species (choke cherry or bitter cherry).
R.SPP = rose species (baldhip or Nootka).
S.ALB = snowberry.
S.DOU = Douglas spiraea.
S.LAS = Pacific willow.
S.SCO = Scouler's willow.
T.PLI = Western red cedar.
T.REP = white clover (groundcover vegetation).
UNS = unidentified native shrub.
UNW = unidentified weedy groundcover vegetation (not planted).
X = live vegetation.

FIGURES

Source: Aerial photograph (2015) obtained from National Agriculture Imagery Program.

Legend

- Grove Boundary
- Road

Figure 1
Site Location

Port of Ridgefield
Ridgefield, Washington

0 390 780
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016
Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Fig1_Site Location_LakeRiver.mxd

DETAIL 1

GROVE LOCATIONS

SEE DETAIL 1

SEE DETAIL 2

GROVE 1

C10

C01

B10

A10

B01

A01

GROVE 2

B20

A10

A01

B01

GROVE 3

B15

A15

B01

A01

DETAIL 2

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

Legend

- Sample Location
- Sample Photo Documentation Point
- Vegetation Transect
- Grove Boundary

Figure 2
Lake River
Vegetation Transects

Port of Ridgefield
Ridgefield, Washington

0 30 60
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016

PHOTOGRAPHS

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 1.

Description
2013. Lake River aerial prior to remediation. Looking north.

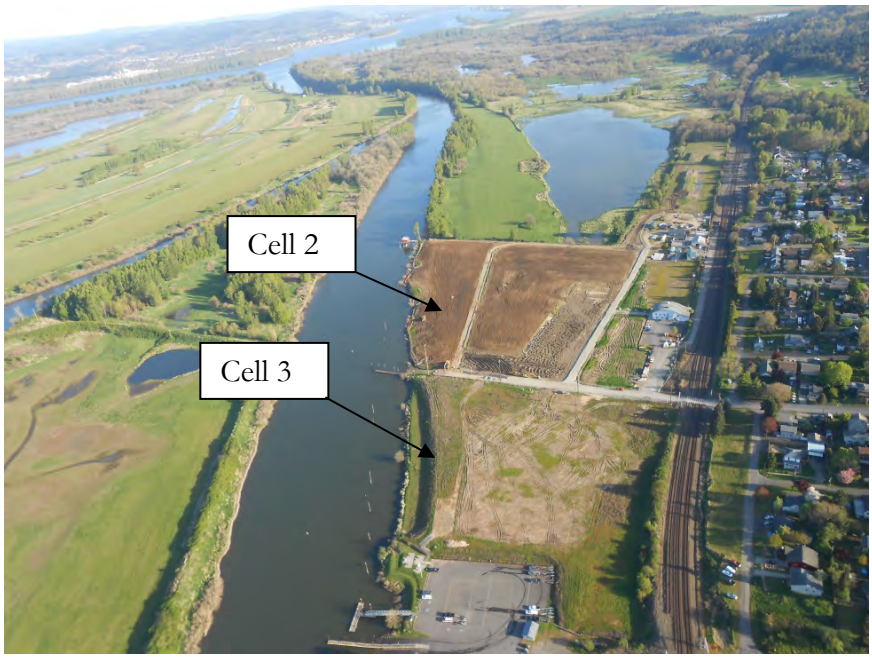


Photo No. 2.

Description
Winter 2013/4. Cell 3 shoreline prior to remediation. Knotweed, reed canary grass, and thistle. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 3.

Description
Winter 2013/4. Cell 2 shoreline prior to remediation. False indigo bush and reed canary grass. Looking north.

Photo No. 4.

Description
April 2015. Grove 3 (Cell 3) following remediation and plantings. Shoreline debris removed and fish mix rounded rock in place. Looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 5.

Description
April 2015. Grove 2 (Cell 2) following remediation and plantings. Looking north.

Photo No. 6.

Description
April 2015. Grove 1 (Cell 2) following remediation and plantings. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 7.

Description
September 2017.
Grove 3 (Cell 3).
Looking north.

Photo No. 8.

Description
September 2017.
Grove 2 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 9.

Description
September 2017.
Grove 1 (Cell 2).
Looking south.

Photo No. 10.

Description
September 2018.
Grove 1 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 11.

Description
September 2018.
Grove 2 (Cell 2).
West side of gravel path, looking northwest.

Photo No. 12.

Description
September 2018.
Grove 2 (Cell 2).
East side of gravel path, looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 13.

Description
September 2018.
Grove 3 (Cell 3).
East side of gravel path, looking north.

Photo No. 14.

Description
September 2019.
Grove 1 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 15.

Description
September 2019.
Grove 2 (Cell 2).
East and west side of gravel path, looking south.

Photo No. 16.

Description
September 2019.
Grove 2 (Cell 2).
West side of gravel path, looking west.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 17.

Description
September 2019.
Grove 3 (Cell 3).
East side of asphalt path, looking north.

Photo No. 18.

Description
September 2019.
Photo point G1-A3.
Cherry species, Common Yarrow, and Juncus.

MAUL FOSTER ALONGI

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 19.

Description
September 2019.
Photo point G1-B3.
Douglas spirea and native grasses.

Photo No. 20.

Description
September 2019.
Photo point G1-C9.
Juncus, Reed Canary Grass, and native grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 21.

Description
September 2019.
Photo point G2-B6.
Oregon grape, Douglas spirea and Juncus.

Photo No. 22.

Description
September 2019.
Photo point G2-A3.
Rose species and Juncus with native grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 23.

Description
September 2019. Photo point G2-B15. Douglas spirea and Juncus with Pacific willow nearby.

Photo No. 24.

Description
September 2018. Photo point G3-A7. Douglas spirea and grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.40
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 25.

Description
September 2018.
Photo point G3-B1.
Douglas spirea and grasses.

Photo No. 26.

Description
September 2019.
Photo point G3-B8.
Douglas spiraea and cherry tree sprouting new shoots nearby.

TECHNICAL MEMORANDUM

To:	Jim Carsner, PWS, U.S. Army Corps of Engineers	Date:	December 16, 2020
From:	Phil Wiescher, PhD, and Curtis Riley, RLA	Project:	NWS-2013-875
RE:	Port of Ridgefield Lake River Remedial Action (NWS-2013-875) Year 5 (2020) Vegetation Monitoring		

On behalf of the Port of Ridgefield (Port), Maul Foster & Alongi, Inc. (MFA) has prepared this Year 5 (2020) vegetation monitoring report consistent with the Lake River Riparian Enhancement Plan (LRRE) (MFA, 2014), which has been implemented in accordance with the U.S. Army Corps of Engineers (COE) Nationwide Permit 38 (NWS-2013-875), issued for the Lake River remedial action in Ridgefield, Washington. The remedial action addressed historical contamination of sediment in Lake River adjacent to Millers' Landing, site of the former Pacific Wood Treating Co. (PWT) facility (see Figure 1). PWT filed for bankruptcy and abandoned the site in 1993. The remedial action was required by the Washington State Department of Ecology for protection of human health and the environment and included precision dredging of contaminated sediment; placement of clean sand to contain residual contamination; bank stabilization elements, including placement of turf reinforcement mat and fish mix rounded rock; and removal of in-water and shoreline debris. To stabilize the bank, predominantly nonnative and some native vegetation was removed along the shoreline. The remediation work and restoration plantings implemented to improve the physical characteristics of the riverbank and establish a native plant community were substantively completed in spring 2015.

Institutional controls and an associated environmental covenant are not required for Lake River. However, characterization of current sediment conditions adjacent to the riverbank will be required before any activities resulting in significant sediment disturbance, such as in-water construction or dredging, are initiated.

Lake River is an 11-mile-long side channel of the Columbia River and lies in the lower Columbia River west of Ridgefield, Washington, near the confluence of the Columbia and Lewis rivers. As described in the LRRE, shoreline vegetation in 2014, before the remediation work, consisted predominantly of nonnative California false indigo; reed canary grass; Himalayan blackberry; weeds (e.g., Queen Anne's lace); and low-growing groundcover. Native vegetation was limited, generally isolated, and surrounded by nonnative vegetation. Natives present included Oregon ash, cottonwood species, and willow species.

Approximately 148 lineal feet of native shrubs and trees along the approximately 1,800-foot-long shoreline were removed as part of the bank stabilization work and required compensatory mitigation. Three planting groves with native shrubs and trees, spanning a total of approximately 500 lineal feet, were installed on the shoreline in 2015 to meet the required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources. In addition, the open areas between the groves were planted with native grasses. The total native plant area extends the length of the shoreline, covering approximately 2.7 acres. Plantings were installed as documented in the Lake River construction completion report (MFA, 2018a).

Monitoring of the planting-grove vegetation is to be conducted annually for five years (ending in 2020). Year 1 (2016) mitigation monitoring was conducted in summer 2016, with results provided in the November 2016 monitoring report submitted to the COE (MFA, 2016). In brief, the 2016 report concluded that much of the planted woody vegetation had browned or perished, likely because of insufficient water during summer 2016, and the associated performance standard had not been met. Limited invasive-species encroachment had occurred, and the associated performance standard had been met. Invasive-species encroachment was generally due to isolated occurrences of reed canary grass or common weeds such as Queen Anne's lace, and the native grasses planted were well-established and dense.

The Year 2 (2017) mitigation monitoring conducted in September 2017 concluded, as in the 2016 report, that much of the planted woody vegetation had browned or perished, likely because of insufficient watering. Based on these results, replacement plantings in all three groves, as well as ongoing manual control measures for invasive species, were recommended to meet the performance standards. These species included: serviceberry *(Amelanchier alnifolia)*, Douglas spiraea *(Spiraea douglasii),* Nootka rose *(Rosa nutkana),* Pacific willow *(Salix lucida),* tall Oregon grape (*Mahonia aquifolium),* and red alder *(Alnus rubra)* (MFA, 2017). Replanting was conducted in the three groves in December 2017.

Year 3 (2018) continued with vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system. Irrigation/maintenance visits from April through September 2018 included hand-watering of each planting grove and performing vegetation management as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities (MFA, 2018b).

Year 4 (2019) continued with vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system (MFA 2019). Some additional plantings were installed in each of the planting groves as part of the maintenance contract with Sound Native Plants (SNP) of Olympia, Washington. Irrigation/maintenance visits from April through September 2018 included hand-watering of each planting grove and managing vegetation as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities (MFA, 2018b).

Year 5 (2020) showed signs of continued successful establishment of the initial (2015) restoration efforts and of the 2017 replanted vegetation. Ongoing maintenance includes mowing and removal of competing vegetation. Supplemental irrigation is no longer used to encourage drought tolerance. An increase in the number of native woody species, likely due to established plants and naturalization, was observed.

SITE MANAGEMENT ACTIVITIES

The landscape contractor, Paul Brothers, Inc. (PBI), of Boring, Oregon, restored and planted the shoreline. Plantings were completed in May 2015 and have been maintained as documented in the Lake River completion report (MFA, 2018a). MFA gave verbal notice of substantial completion to PBI at a site inspection conducted in October 2015.[1]

MFA conducted initial site inspections (September 2015), which included walking the project site; noting the condition of landscaping, weed infestations, and plant damage; and documenting site conditions. In October 2015, PBI removed the irrigation system. Following the 2016 site monitoring, MFA provided the 2016 monitoring report to PBI, informing them that replacement plantings and some invasive-species control would be necessary to meet performance standards. PBI recommended replacement planting in fall/winter 2017 to optimize plant establishment.

MFA conducted the Year 2 monitoring in September 2017, and the results were provided to PBI to present the planting requirements (e.g., number of plants needed) and the refined species selection for the site (i.e., identify species that appear to be most tolerant of site conditions and that had shown establishment success) (MFA, 2017). Following the fall 2017 monitoring, a revegetation memo was submitted to PBI to direct the replanting efforts. In December 2017, PBI proceeded with the replanting of all three upland groves along Lake River.

In spring 2018, SNP continued vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and operating/repairing the irrigation system. SNP conducted six irrigation/maintenance visits from April through September 2018 to hand-water each planting grove and manage vegetation as needed. Invasive species (i.e., primarily reed canary grass) were removed as part of these 2018 activities.

In 2019, SNP continued vegetation management with mowing, cutting, and hand-pulling competing vegetation; controlling invasive species; and hand-watering each of the planting groves as required. Much of the native vegetation originally planted as part of the initial restoration efforts in 2015 had become established. In addition, vegetation newly planted as part of the 2017 replanting was showing signs of becoming self-sufficient.

In 2020, the initial (2015) restoration efforts and the vegetation installed as part of the 2017 replanting showed signs of becoming self-sufficient. The Port has taken on maintenance activities and continues

[1] This does not include PBI's ongoing maintenance required as part of the contract, which includes maintaining all planted areas through October 2018 in order to meet performance standards identified in the contract documents.

to mow and remove competing vegetation as required. To encourage drought tolerance, supplemental irrigation has been discontinued.

PERFORMANCE STANDARDS

The following performance standards for the mitigation area are taken from the LRRE:

Performance Standard 1. *During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.*

Year 5 compliance with this performance standard is evaluated below.

Performance Standard 2. *Fish mix rounded rock material (7-inch median) will cover 100% of the riverbank from the toe of the slope to a minimum elevation between +11 feet and +14 NGVD. Turf reinforcement mat (TRM) will be in place from the fish mix extent to the top of the bank (approximately +22 NGVD).*

This performance standard has been met. Documentation is provided in the Lake River completion report (MFA, 2018a), and this standard is not further evaluated below.

Performance Standard 3.1: *Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.*

This performance standard does not apply to this monitoring event.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Alternatively:

Performance Standard 3.2. *Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.*

Year 5 compliance with this performance standard is evaluated below.

COMPLIANCE MONITORING METHODOLOGY

The planting areas were inspected on October 16, 2020. The goal of the monitoring inspection was to determine the survival rate of the installed plant material and the extent of nonnative invasive plant encroachment and to inform maintenance and potential plant replacement tasks required in order to meet the performance standards. The monitoring was performed by MFA ecologists, consistent with the methodology and locations described in the 2016 monitoring report (MFA, 2016), and included:

- Establishing the identity and percent survival of native vegetation, using a point-line method; monitoring points at fixed intervals (approximately 5 feet) along three sampling transects spanning each planting grove were evaluated (see Figure 2). Data were recorded for plants

within 1 foot of the sampling units. Percent survival for each of the three planting groves was determined based on the number of times a live species was observed at a sampling unit divided by the total number of times that species was observed.

- Establishing the areal percent cover of native and invasive vegetation, using the point-line method described above. Both native and invasive percent cover for each planting grove was determined based on the number of times native vegetation was present at a sampling unit divided by the total number of sampling units in a grove.
- Taking photographs at representative photodocumentation points established in 2016 to compare plant vigor and growth between monitoring inspections. Three photodocumentation points for each planting grove (total of nine) were identified, as shown in Figure 2.

RESULTS

This is the fifth year of monitoring. Monitoring focused on plant identification and cover to evaluate the project performance standards. Transect data are provided in the attached table and are discussed below with respect to the relevant performance standards presented above.

In general, the originally (2015) planted woody vegetation, in addition to the replanted (2017) vegetation, is becoming well-established and diverse. An increase in the number of native woody species, likely due to established plants and naturalization, was observed. Annual vegetation management and the well-established and dense native grasses have limited invasive-species encroachment as feasible; however, there are occurrences of reed canary grass and common weeds such as thistle. A photo array showing the 2020 site conditions and photodocumentation points is attached.

CONCLUSIONS AND RECOMMENDATIONS

Performance Standard 1. During all monitoring periods, non-native, invasive plant species will not exceed 20 percent aerial cover in the planting areas.

The average cover for all areas surveyed is 73 percent, exceeding the performance standard. The aerial cover in Grove 1 was 80 percent; in Grove 2, 73 percent; and in Grove 3, 67 percent. This is an increase from the 2019 monitoring and is due primarily to the spread of unidentified, low-growing weeds; some spreading patches of thistle; and small isolated patches of reed canary grass. The grass and thistle likely encroached from the Ridgefield National Wildlife Refuge immediately north, where reed canary grass and thistle are widespread in dominant stands. The reed canary grass stands are occasionally mowed by the U.S. Fish and Wildlife Service (USFWS), and many acres of trees (which may help limit spread of the grass) were recently planted by USFWS in the same area. However, current USFWS budgets and staffing levels typically do not allow for robust reed canary grass treatments (e.g., removal of the rhizome systems) to fully control regrowth and dispersal (USFWS, 2010).

To meet performance standards, reed canary grass and other invasive plant and root mass will be removed from the planting groves as part of the continued vegetation management efforts.

Performance Standard 3.2. *During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.*

Survival for native woody vegetation in Groves 1 (100 percent), 2 (99 percent), and 3 (100 percent) is above 80 percent. Replacement plantings were installed and maintained in 2017 through 2020 as described above. The performance standard has been met.

This monitoring report demonstrates the completion of the required vegetation monitoring timeframe stated in the LRRE (MFA, 2014) and is in accordance with COE Nationwide Permit 38 (NWS-2013-875), issued for the Lake River. As mentioned in the conclusions above, the native plant areal cover and plant survival performance standards have been met. The exceedance of invasive species in the mitigation areas does not meet performance standard 1 because of the presence of weeds, thistle, and reed canary grass immediately to the north in the Ridgefield National Wildlife Refuge. Control of these invasives would require a long-term approach by USFWS and would involve a significant effort.

Vegetation monitoring and maintenance have been consistent throughout the required monitoring period and have met the attainable goals and objectives for this compensatory mitigation project. Upon receiving written concurrence from the District Commander of the COE, the Port will assume that this concludes the monitoring efforts and that no additional reports are required.

LIMITATIONS

The services undertaken in completing this report 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 report 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 report 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 report.

REFERENCES

MFA. 2014. Revised Lake River riparian enhancement plan addendum to the Joint Aquatic Resources Permit Application, NWS-2013-875. Maul Foster & Alongi, Inc., Vancouver, Washington. January 17.

MFA. 2016. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 1 (2016) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. November 11.

MFA. 2017. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 2 (2017) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. November 20.

MFA. 2018a. Lake River construction completion report, Lake River remedial action, former Pacific Wood Treating Co. site. Maul Foster & Alongi, Inc., Vancouver, Washington. October 1.

MFA. 2018b. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 3 (2018) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. December 13.

MFA. 2019. Port of Ridgefield Lake River remedial action (NWS-2013-875) Year 4 (2019) vegetation monitoring. Maul Foster & Alongi, Inc., Vancouver, Washington. December 17.

USFWS. 2010. Ridgefield National Wildlife Refuge comprehensive conservation plan. U.S. Fish and Wildlife Service. September.

ATTACHMENTS

Table
Figures
Photographs

TABLE

Table
Lake River Remedial Action (NWS-2013-875)
Year 5 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P.CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	P.MEN	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU	R.CRI
	Native Species																			Invasive Species					
PLANTING GROVE 1																									
G1-A1	X	X												X				G			X	X			
G1-A2								X										G				X			
G1-A3		X						X				X						G				X			
G1-A4		X												X				G		X	X	X		X	
G1-A5									X									G			X	X			
G1-A6		X						X			X							G							
G1-A7		X			X													G							
G1-A8													X					G				X			
G1-A9		X			X													G			X	X			
G1-A10		X							X				X					G				X			
G1-B1	X	X												X				G							
G1-B2		X												X				G				X			
G1-B3														X				G							
G1-B4								X						X				G							
G1-B5														X				G							
G1-B6														X				G				X			
G1-B7		X							X					X				G				X			
G1-B8		X		X					X									G				X			
G1-B9		X							X									G				X			
G1-B10		X																G							X
G1-C1		X						X					X	X				G			X	X		X	
G1-C2		X			X			X					X					G				X		X	X
G1-C3					X			X										G				X		X	
G1-C4		X			X			X			X							G				X		X	
G1-C5					X						X							G				X		X	
G1-C6		X		X	X			X										G		X	X	X		X	
G1-C7		X		X							X							G		X	X	X		X	
G1-C8		X		X				X										G		X	X	X		X	
G1-C9				X				X			X			X				G			X	X		X	
G1-C10								X			X		X					G			X	X		X	
Native Percent Cover (all vegetation)	100%																								
Native Percent Cover (not including groundcover)	97%																								
Native Percent Survival (not including groundcover)	100%																								
Native Species Diversity (all vegetation)	11																								
Native Species Diversity (not including groundcover)	10																								
Native Species Total Count (entire grove survey)	73																								
Invasive Percent Cover	80%																								

Table
Lake River Remedial Action (NWS-2013-875)
Year 5 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	P.MEN	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU	R.CRI
	Native Species																			Invasive Species					
PLANTING GROVE 2																									
G2-A1		X							X					X				G							
G2-A2								X			X			X				G		X		X			
G2-A3								X			X			X				G							
G2-A4								X			X	X		X				G				X			
G2-A5						X		X	X					X				G							
G2-A6				X							X							G				X			
G2-A7								X			X			X				G				X			
G2-A8									X		X							G				X			
G2-A9								X						X				G				X			
G2-A10				X														G			X	X			
G2-B1												X		X				G						X	X
G2-B2											X							G							
G2-B3											X							G							
G2-B4								X	X		X							G							
G2-B5											X							G			X	X			
G2-B6								X	X					X				G							
G2-B7				X							X							G			X	X			
G2-B8					X			X			X							G				X			
G2-B9								X			X							G				X			
G2-B10								X			X	X		X				G			X	X			
G2-B11								X						X				G				X			
G2-B12								X			X			X				G				X			
G2-B13		X						X					X	X				G			X	X			
G2-B14											X		X	X				G				X			
G2-B15		X						X						X				G			X			X	
G2-B16										D					X			G			X				
G2-B17						X								X				G			X	X			
G2-B18														X	X			G			X				
G2-B19														X				G				X			
G2-B20														X				G							
Native Percent Cover (all vegetation)	100%																								
Native Percent Cover (not including groundcover)	100%																								
Native Percent Survival (not including groundcover)	99%																								
Native Species Diversity (all vegetation)	12																								
Native Species Diversity (not including groundcover)	11																								
Native Species Total Count (entire grove survey)	71																								
Invasive Percent Cover	73%																								

Table
Lake River Remedial Action (NWS-2013-875)
Year 5 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

Transect	A.MIL	L.SPP	C.SER	A. ALN	H. DIS	P. CAP	L.INV	J.SPP	M. AQU	UNS	R.SPP	P.SPP	S.ALB	S.DOU	S.LAS	S.SCO	P.MEN	NAGR	T.REP	D.CAR	CIRS	UNW	C. SCO	P.ARU	R.CRI
	Native Species																			Invasive Species					
PLANTING GROVE 3																									
G3-A1									X									G				X			X
G3-A2									X									G				X			X
G3-A3									X					X				G				X			X
G3-A4														X				G			X				
G3-A5																		G			X	X			
G3-A6														X				G				X			
G3-A7														X				G			X				
G3-A8																		G							
G3-A9												X						G							
G3-A10	X			X					X		X							G				X			
G3-A11									X		X							G				X			
G3-A12					X						X							G			X	X			
G3-A13					X													G				X			
G3-A14					X									X				G							
G3-A15														X				G							
G3-B1														X				G							
G3-B2														X				G			X	X			
G3-B3											X			X				G			X				
G3-B4											X			X			X	G							
G3-B5											X			X				G							
G3-B6		X												X				G			X				
G3-B7				X							X							G							
G3-B8																		G							
G3-B9				X														G				X			
G3-B10				X							X							G				X			
G3-B11											X							G				X			
G3-B12											X							G				X			
G3-B13				X							X							G							
G3-B14																		G				X			
G3-B15														X				G			X				
Native Percent Cover (all vegetation)	100%																								
Native Percent Cover (not including groundcover)	87%																								
Native Percent Survival (not including groundcover)	100%																								
Native Species Diversity (all vegetation)	9																								
Native Species Diversity (not including groundcover)	8																								
Native Species Total Count (entire grove survey)	41																								
Invasive Percent Cover	67%																								

Table
Lake River Remedial Action (NWS-2013-875)
Year 5 Vegetation Monitoring
Port of Ridgefield
Ridgefield, Washington

NOTES:
Photodocumentation points shown in **bold.**
Species diversity and percent cover calculations do not include dead (indicated by "D") plants.
A. ALN = serviceberry.
A.MIL = common yarrow.
C. SCO = Scotch broom (not planted).
C.SER = red twig dogwood.
CIRS = thistle (not planted).
D = dead vegetation. Includes woody vegetation noted previously but not observed during 2019 monitoring. Not noted for groundcover vegetation and vegetation that was not planted.
D.CAR = Queen Anne's lace (not planted).
G = groundcover vegetation.
H. DIS = ocean spray.
J.SPP = *Juncus* species (not planted).
L.INV = twinberry.
L.SPP = lupine.
M. AQU = tall Oregon grape.
NAGR = native grass (groundcover vegetation).
P. ARU = reed canary grass (not planted).
P. CAP = Pacific ninebark.
P. MEN = Douglas fir.
P.SPP = cherry species (chokecherry or bitter cherry).
R.CRI = curly dock.
R.SPP = rose species (baldhip or Nootka).
S.ALB = snowberry.
S.DOU = Douglas spiraea.
S.LAS = Pacific willow.
S.SCO = Scouler's willow.
T.REP = white clover (groundcover vegetation).
UNS = unidentified native shrub.
UNW = unidentified weedy groundcover vegetation (not planted).
X = live vegetation.

FIGURES

Source: Aerial photograph (2015) obtained from National Agriculture Imagery Program.

Legend

- Grove Boundary
- Road

Figure 1
Site Location

Port of Ridgefield
Ridgefield, Washington

0 390 780
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016
Path: X:\9003.01 Port of Ridgefield\40\Projects\06\Fig1_Site Location_LakeRiver.mxd

DETAIL 1

GROVE LOCATIONS

SEE DETAIL 1

SEE DETAIL 2

GROVE 1

C10

C01

B10

A10

B01

A01

GROVE 2

B20

A10

A01

B01

GROVE 3

B15

A15

B01

A01

DETAIL 2

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

Legend

- Sample Location
- Sample Photodocumentation Point
- Vegetation Transect
- Grove Boundary

Figure 2
Lake River
Vegetation Transects

Port of Ridgefield
Ridgefield, Washington

0 30 60
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

Project: 9003.01.40-06 Produced By: apadilla Approved By: P. Wiescher Print Date: 9/22/2016

PHOTOGRAPHS

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 1.

Description
2013. Lake River aerial prior to remediation. Looking north.

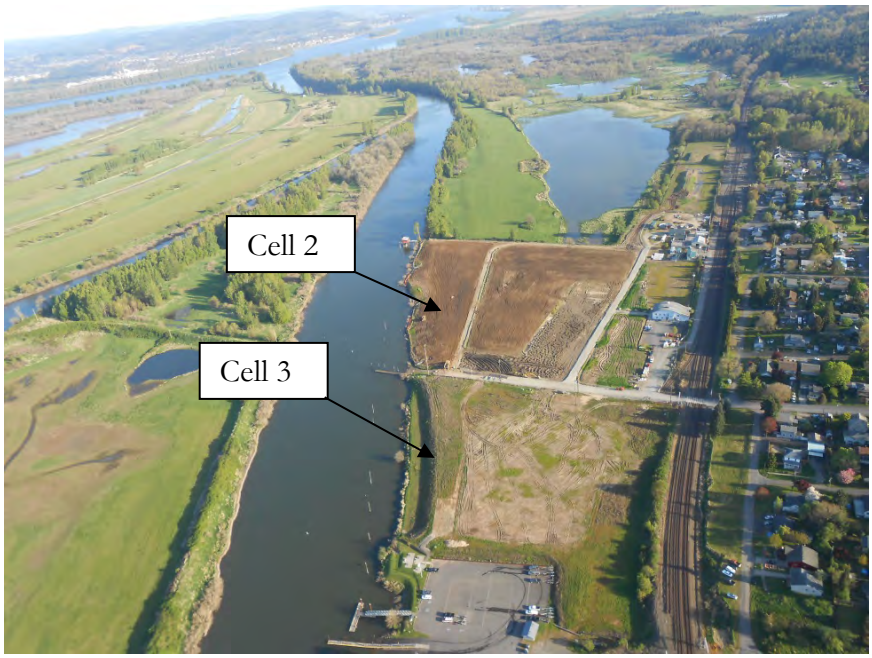


Photo No. 2.

Description
Winter 2013/4. Cell 3 shoreline prior to remediation. Knotweed, reed canary grass, and thistle. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 3.

Description
Winter 2013/4. Cell 2 shoreline prior to remediation. False indigo bush and reed canary grass. Looking north.

Photo No. 4.

Description
April 2015. Grove 3 (Cell 3) following remediation and plantings. Shoreline debris removed and fish mix rounded rock in place. Looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 5.

Description
April 2015. Grove 2 (Cell 2) following remediation and plantings. Looking north.

Photo No. 6.

Description
April 2015. Grove 1 (Cell 2) following remediation and plantings. Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 7.

Description
September 2017.
Grove 3 (Cell 3).
Looking north.

Photo No. 8.

Description
September 2017.
Grove 2 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 9.

Description
September 2017.
Grove 1 (Cell 2).
Looking south.

Photo No. 10.

Description
September 2018.
Grove 1 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 11.

Description
September 2018.
Grove 2 (Cell 2).
West side of gravel path, looking northwest.

Photo No. 12.

Description
September 2018.
Grove 2 (Cell 2).
East side of gravel path, looking north.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 13.

Description
September 2018.
Grove 3 (Cell 3).
East side of gravel path, looking north.

Photo No. 14.

Description
September 2019.
Grove 1 (Cell 2).
Looking south.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 15.

Description
September 2019.
Grove 2 (Cell 2).
East and west sides of gravel path, looking south.

Photo No. 16.

Description
September 2019.
Grove 2 (Cell 2).
West side of gravel path, looking west.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 17.

Description
September 2019.
Grove 3 (Cell 3).
East side of asphalt path, looking north.

Photo No. 18.

Description
October 2020.
Photo point G1-A3.
Cherry species and Juncus.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 19.

Description
October 2020.
Photo point G1-B3.
Douglas spirea and native grasses.

Photo No. 20.

Description
October 2020.
Photo point G1-C9.
Serviceberry, rose, Juncus, Douglas spirea, reed canary grass, thistle, and native grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 21.

Description
October 2020.
Photo point G2-B6.
Oregon grape, Douglas spirea, and Juncus.

Photo No. 22.

Description
October 2020.
Photo point G2-A3.
Rose species and Juncus with native grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 23.

Description
October 2020.
Photo point G2-B15. Douglas spirea, lupine, and Juncus with Pacific willow nearby.

Photo No. 24.

Description
October 2020.
Photo point G3-A7. Douglas spirea and grasses.

PHOTOGRAPHS

Project Name: NWS-2013-875
Project Number: 9003.01.55
Location: Lake River
111 West Division Street
Ridgefield, Washington

Photo No. 25.

Description
October 2020.
Photo point G3-B1.
Douglas spirea and grasses.

Photo No. 26.

Description
October 2020.
Photo point G3-B8.
Lupine and native grasses with cherry tree sprouting new shoots nearby.

APPENDIX D-7

LAKE RIVER RIPARIAN MAINTENANCE PLAN

LAKE RIVER RIPARIAN MAINTENANCE PLAN

The Millers' Landing riverbank, with trails, rounded-rock areas, open grassy areas, and three planting groves, is currently used for recreation (see the attached figure). The purpose of this maintenance plan is to outline vegetation monitoring and maintenance of (1) the three planting groves subject to Nationwide Permit 38 (NWS-2013-875) required performance standards (i.e., the "permit area") and (2) the grassy and rounded-rock areas that are not subject to permit requirements (i.e., the "open area").

Paul Brothers, Inc. (PBI) is under contract until October 2018 to maintain the permit area. After that, the Port of Ridgefield (Port) will be responsible for maintenance of the permit area; performance standards must be met in the permit area until 2020. The Port is also responsible for ongoing maintenance of vegetation in the riverbank open area. No permit requirements are associated with this area; however, ongoing maintenance will enhance aesthetic qualities and help minimize invasive-species encroachment on the bank and into the planting groves.

To help guide the user, **key recommendations are provided in bold** throughout the text.

1. BACKGROUND

As part of the Lake River remedial action, the riparian habitat was enhanced to improve the physical characteristics of the riverbank and establish a native plant community. Riparian enhancement elements were constructed in 2015 and include:

- Riverbank grading and installation of fish mix rounded rock on the lower bank
- Native grass plantings extending from the rounded-rock areas to the top of the bank
- Installing native trees, shrubs, and groundcover in three discrete planting groves on the upper bank

The three planting groves (1, 2, and 3) were installed to provide required mitigation compensation for temporary impacts associated with the Lake River remedial action. The groves are therefore subject to permit-required monitoring and maintenance as described in the Lake River Riparian Enhancement Plan. This plan provides additional information to meet the permit-required performance standards (provided for reference in Section 6) and promote successful establishment of the permit area.

The open area (i.e., the grassy and rounded-rock areas) is not subject to permit-required monitoring and maintenance. This plan also provides information regarding inspection and maintenance of this area.

2. MAINTENANCE OVERVIEW

Maintenance is critical for the first three to five years to ensure the survival and growth of the plantings. **Annual maintenance should include irrigation and weed control at a minimum,**

until plants are established enough to outcompete invasive species. Site inspections should take place regularly (twice a year at a minimum is recommended) to assess irrigation needs and inspect weed growth, damage to plants, and other problems. A general recommended schedule is presented below:

Activity	Timing	Area	Notes
Site Inspection	Fall and spring (2016 and on)	Entire Bank	General inspection.
Irrigation	Every two weeks between April and August, as needed. Every three to four weeks in September/ October, as needed (2016–2020)	Permit Area	**See Section 3 for details.** Port responsible beginning in fall 2018. In 2020, evaluate need for continued watering.
Weed control	April through October (2016 and on)	Permit Area	**See Section 4.1 for details.** Port responsible beginning in fall 2018.
Weed control	April through October (2016 and on)	Open Area	**See Section 4.2 for details. Port currently responsible.**
Plant Replacement/ Damage Control	Fall, as needed (2016-2020)	Permit Area	**See Section 5 for details.** Beginning in fall 2018, Port responsible for plant replacement to meet performance standards, as needed.
Monitoring for Performance Standards	Between June and October (2016–2020)	Permit Area	**See Section 6 for details.** Port responsible for vegetation monitoring to assess performance standards. Maul Foster & Alongi, Inc. (MFA) is currently conducting monitoring.
Activity Scheduling	2016 and on	Entire Bank	**See Section 7 for a detailed recommended schedule.**

3. IRRIGATION

Irrigation of the planting groves is strongly recommended for the first three to five years after installation. The native shrub and tree species planted are adapted to Pacific Northwest conditions and should not require long-term irrigation to survive after three to five years, i.e., once they are established. Plantings were installed in 2015; however, a significant number of plants will be replaced, likely in fall 2017. **Therefore, irrigation of the permit area between April and October until at least fall 2020 is recommended.** At that time, the need for additional irrigation through 2022 can be assessed. **The open area does not require irrigation.**

PBI is responsible for adequate irrigation through October 2018. **After October 2018, the Port will be responsible for irrigation.** The Port likely will not need to irrigate until April 2019.

Watering via hoses connected to existing in-ground quick couplers is recommended. An in-ground quick coupler valve was installed at each planting grove to access local water. Other methods, such as a temporary automatic drip system connected to a local water supply, could be used; however, these typically require more ongoing maintenance. While drip systems are the most efficient systems from a water use standpoint, components frequently break and it is imperative that

the system be checked regularly during summer months to ensure continued delivery and avoid plant die-off.

The permit area should be watered **every two weeks between April and August**. Drying down at the end of the growing season helps induce dormancy and increase winter hardiness, so taper down to irrigation **every three to four weeks in September and October**. Care should be taken to **water deeply and slowly to thoroughly wet the rooting zone**. In the event that summer months are more moderate than typical and soil retains moisture or wet areas persist, the watering frequency can be reduced.

4. WEED CONTROL

During riparian vegetation establishment, competition for light and nutrients from weeds can cause mortality and reduce native plantings growth. Additionally, dense grasses create desirable habitat for rodent species that may damage plants. Invasive weeds found in the area include: Himalayan blackberry, California false indigo-bush, reed canary grass, and other common small weeds (see photos below). Weeds grow rapidly with the onset of wet weather in spring. **Weed control in the permit area and the open area should be conducted annually between April and October until at least spring 2020,** at which time the need for annual weed-control measures can be assessed.

PBI is responsible for adequate weed control in the permit area through October 2018. **After October 2018, the Port will be responsible for weed control in the permit area.** The Port likely will not need to weed in the permit area until April 2019. **The Port is currently responsible for weed control in the open area.**

Recommended weed-control methods include mowing, manual control (hand pulling), and mulching. Chemical treatment is not recommended and it would be necessary to evaluate local ordinances and regulations before herbicides are applied.

Typical Weeds

Reed Canary Grass

False Indigo

Blackberry

Thistle

Queen Anne's Lace

Knotweed

4.1. Permit Area

To meet the permit-required performance standards, invasive plant species shall not exceed 20 percent aerial cover in the permit area between 2016 and 2020. **Use of a handheld weed trimmer for mowing at least once a month between April and October is recommended to keep woody weeds under control.** A tractor-mounted mower or even a hand-push mower should not be used in the permit area, since the native plants are densely spaced. **Care must be taken to avoid mowing the native plantings.**

Mowing alone is not a good way to control perennial weeds. Hand pulling and small tools (e.g., hand trowels) are labor-intensive but can be more effective for controlling certain weeds. **Blackberry, false indigo, and reed canary grass can spread quickly and should be removed with hand tools at least every two months between April and October.** Care should be taken to thoroughly dig up and remove the roots and rhizomes without disturbing nearby native plants. Hand tools can also be used to remove herbaceous weeds that can grow quickly, such as thistle and Queen Anne's lace.

Mulches are effective for suppressing weeds around planted seedlings and retaining moisture into the summer. Various mulch materials are available. **Mulching should be applied every April around the base of each tree and shrub.** The recommended minimum mulching diameter is 2 to 3 feet and the depth is 2 to 6 inches.

4.2. Open Area

Use of a tractor-mounted mower at least once a month between April and October is recommended to keep woody weeds under control in the grassy areas. A push mower may be more appropriate for areas with steeper slopes.

The use of small tools and hand pulling at least every two months between April and October is strongly recommended for plants that appear in the rounded-rock area. Any plant observed in this area should be removed. Blackberry, false indigo, and reed canary grass can spread quickly and should be controlled as soon as possible.

5. PLANT REPLACEMENT AND DAMAGE CONTROL

The permit area is subject to plant survival performance standards provided in Section 6. The need for plant replacements will be based on the results of the annual permit-required monitoring. **It may be necessary to replace dead or failing plantings to meet the performance standards.** MFA is currently conducting the monitoring (required annually until 2020) and associated reporting.

PBI is responsible for replacing plants to meet performance standards through October 2018. **After October 2018, the Port will be responsible for replacing vegetation to meet performance standards.**

Plant replacements in the permit area, as needed, would be planted in the fall. The number, type, location, and planting methods for replacement plants will be based on the results of the annual permit-required monitoring and will be described in the associated monitoring report. The open area will not require any vegetation replacement unless existing grasses fail or are removed for project purposes.

Controlling weeds to promote rapid seedling growth will help minimize many animal-damage problems. **However, if animal damage to plants is observed during the biannual site inspections, appropriate methods will be evaluated based on type of damage and animal species.** Physical methods of damage prevention (e.g., fences, cages, and tubes) are useful, but they are also expensive and require periodic inspection and maintenance. Applicable methods, if needed, would be further described in the permit area monitoring report.

6. PERMIT AREA MONITORING AND PERFORMANCE STANDARDS

The permit area will be monitored annually for five years (2016–2020) to assess performance standards. The goal of the monitoring inspections is to determine the survival rate of the installed plant material, as well as the extent of invasive-plant encroachment. MFA is currently conducting monitoring and reporting consistent with the Lake River Enhancement Plan on behalf of the Port. Performance standards are also provided below for reference.

Objective 1: Reduce and control nonnative vegetation.
Performance Standard 1: During all monitoring periods, nonnative, invasive plant species will not exceed 20 percent aerial cover in the planting areas.

Objective 2 (Improve physical structure of riverbank habitat) relates to completed installation of rounded rock.

Objective 3: Enhance the riverbank plant community.

Performance Standard 3.1: Planted, native tree and shrub species will achieve 100 percent survival during the first and second years after the site is planted. If dead plantings are replaced, the performance standard will be met.
Performance Standard 3.2: During the third through fifth years after planting, native tree and shrub species will achieve 80 percent survival. If dead plantings are replaced, the performance standard will be met.

Alternatively:
Performance Standard 3.2: Native tree and shrub species will provide 15 percent aerial cover in the third year and 25 percent aerial cover in the fifth year in the planting areas.

7. SCHEDULE

A recommended maintenance schedule is provided in the attached table.

8. ADAPTIVE MANAGEMENT

The site inspections will provide a basis of information for evaluating the riverbank vegetation. If the Port or its representatives believes adaptive management is needed, options can be discussed collaboratively.

LIMITATIONS

The services undertaken in completing this plan 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 plan is solely for the use and information of our client unless otherwise noted. Any reliance on this plan by a third party is at such party's sole risk.

Opinions and recommendations contained in this plan 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 plan.

TABLE

Table
Lake River Maintenance Schedule
Former PWT Site
Ridgefield, Washington

Area	Activity	Port Responsibility Start Year[(a)]	April	May	June	July	August	September	October
Entire Bank	Site Inspection	2016	X	--	--	--	--	--	X
Permit Area	Irrigation (by hand via hoses)	2019	XX	XX	XX	XX	XX	X	X
	Weed control (handheld weed trimmer mowing)	2019	X	X	X	X	X	X	X
	Weed control (manual control)	2019	X	--	X	--	X	--	X
	Weed control (mulching)	2019	X	--	--	--	--	--	
	Plant Replacement (coordinate with landscape architect)	2019	--	--	--	--	--	--	X
	Performance Standard Monitoring (MFA currently conducting)	2016	--	--	X				
Open Area (Grassy Area)	Weed control (tractor mowing)	2016	X	X	X	X	X	X	X
Open Area (Rock Area)	Weed control (manual control)	2016	X	--	X	--	X	--	X

NOTES:

MFA = Maul Foster & Alongi, Inc.

Port = Port of Ridgefield.

X = one event.

XX = two events (every two weeks).

[(a)]Indicates year in which Port staff or a contractor should be engaged to complete activities. Before the specified year, activities are not required or are conducted by Paul Brothers, Inc. under a contract through October 2018, with oversight provided by MFA.

FIGURE

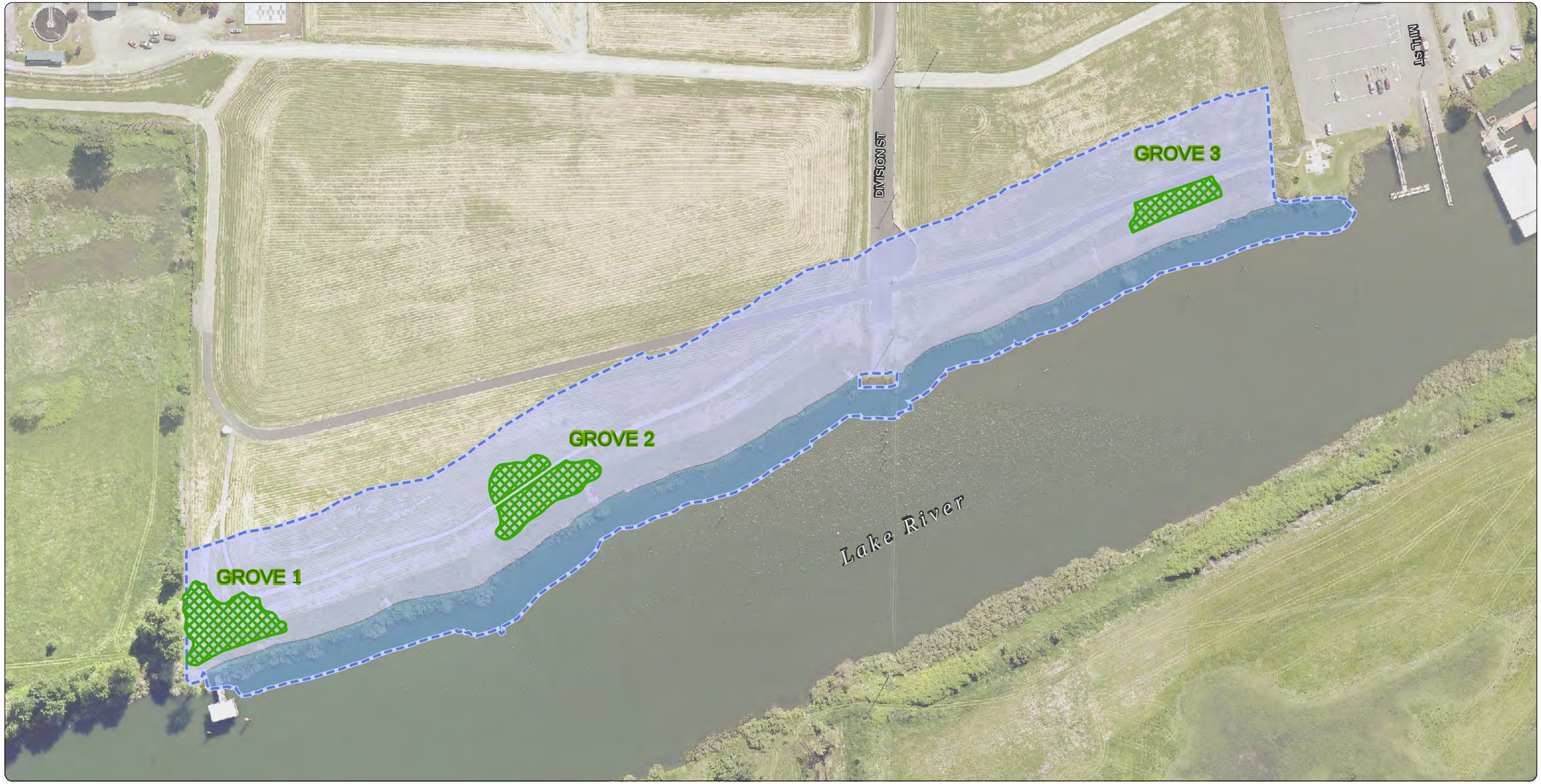
Path: X:\9003.01 Port of Ridgefield\49\Projects\Fig_Vegetation Maintenance Areas_Lake River.mxd

Print Date: 3/10/2017

Approved By: M. Novak

Produced By: jschane

Project: 9003.01.40-06



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

Legend

- Permit Areas
- Open Area
- Grassy Area
- Rounded Rock Area

Figure
Vegetation Maintenance Areas
Lake River
Former PWT Site
Ridgefield, Washington

0 75 150
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com