WA 3019
FF 6B
December 2016
Vol I

EPA, REGION 10
OFFICE OF AIR AND WASTE

Report

Stand-Alone Data Document
2016

Former J.H. Baxter & Co. Wood Treating Facility
Arlington, Washington

Prepared for

U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, WA 98101

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December 2016

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GSI Water Solutions, Inc.

Transmittal

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Address:	U.S. Environmental Protection Agency, Region 10 1200 6th Avenue, Suite 900 Seattle, WA 98101-3140	**Date:**	December 29, 2016
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Acronyms and Abbreviations

CLP	contract laboratory program
NAPL	nonaqueous-phase liquid
ND	not detected
PAH	polycyclic aromatic hydrocarbon
SI	site investigation
Site	J.H. Baxter & Co.'s wood treating facility in Arlington, Washington
TEF	toxicity equivalency factor
TEQ	toxicity equivalent quotient
WHO	World Health Organization

Stand-Alone Data Document (2016)
Arlington, Washington Facility
December 2016

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Signature: Georgia Baxter Date: 12/20/2016

Georgia Baxter
Chief Executive Officer
J.H. Baxter & Co.

1. Introduction

This document presents a summary of all data collected from investigations conducted at the J.H. Baxter & Co. wood treating facility (Site), located at 6520 188th Street NE in Arlington, Washington (Figures 1-1 and 1-2), for the period of 1988 through September 2016. Data collected from the Site during the fourth quarter 2016 have not yet been validated, and, therefore, are not included.

1.1 Document Overview

The format for this document is consistent with previous reports for ease of comparison to previous Stand-Alone Data Documents. The following sections in the report consist of data tables and figures, which present the following information:

- Section 2 through Section 9 consist of data from the Site Investigation through 2016 for groundwater elevations and analytical results for surface and subsurface soil, groundwater, sediment, former catch basins, surface water, porewater, lysimeter, residential well, and base oil samples.
- Section 10 displays data from the stormwater pilot project.
- Section 11 presents data from the nonaqueous-phase liquid (NAPL) monitoring program.
- Section 12 provides the monitoring well construction information of all wells at the Site.
- Section 13 presents analytical groundwater data during the supplemental site investigation.
- Section 14 consists of information from the source area investigation and chemical bench study.

Additionally, the document has several appendices:

- Appendix A through Appendix E further evaluate the data through time series plots, hydrographs, contour maps, and vertical groundwater gradient trends.
- Appendix F through Appendix H present borings logs and well construction details.
- Appendix I and Appendix J present information from the source are investigation and chemical oxidation bench test.

1.2 Data Organization

Section 2 through Section 14 contain multiple analytical data tables. In these tables, a blank field indicates that the sample was not analyzed for that specific analyte. In a few cases, analyte reporting limits were not specified and results have been reported as "ND" (not detected).

The data from the site investigation (SI) have been validated according to contract laboratory program (CLP) validation procedures or Level III validation. Monitoring data collected during 2002 and 2004 underwent Level III validation. A Level III validation was performed on the monitoring well data from 2005 to 2014. In 2015 and 2016, the monitoring well data were validated by reviewing the laboratory quality control results and did not include a review of the raw analytical data to confirm report concentrations and analyte identification. The NAPL study data, hazardous waste profile, and ditch excavation data were not validated. Data from the Supplemental Groundwater Investigation 2009-2010 were used for screening purposes and received only a cursory level validation. A summary of the data qualifiers is provided in Table 1-1.

Table 1-1. Data Qualifiers Flags

Qualifier	Description
U	The analyte was not detected. The associated numerical value is the laboratory reporting limit adjusted for percent solids and any required dilution factors.
J	The numerical value is an estimated quantity because the reported concentration is less than the lowest calibration standard or the result of minor exceedance of quality control criteria.
UJ	The analyte was not detected. The associated reporting limit is an estimated quantity because of analytical interferences or minor exceedances of quality control criteria.
R	Analytical results are not useable due to major exceedance of quality control criteria. The analyte may or may not be present.
B	Organics: The analyte was detected in the associated laboratory or field blank in addition to the sample.
B	Metals: The result is an estimated concentration that is less than the method reporting limit (MRL), but greater than or equal to the method detection limit (MDL).
C	Dioxins/furans: Indicates the value for the TCDF analyte was obtained by analysis using a DB-225 confirmation column.
E	Dioxins/furans: Indicates an estimated value. Used when the analyte concentration exceeds the upper end of the calibration range.
F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
I	The MRL/MDL has been elevated due to a chromatographic interference.
K	Dioxin/furans: EMPC; estimated maximum possible concentration.
L	The chromatographic fingerprint of the sample resembles a petroleum project, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
N	The matrix spike sample recovery is not within control limits.
P	The GC or HPLC confirmation criteria were exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP pesticides).
X	Dioxins/furans: Ion ratios did not meet criteria for dioxin identification and results are considered as undetected. Other: See case narrative.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.

Qualifier	Description
Z	The chromatographic fingerprint does not resemble a petroleum product.
#	The control limit criteria is not applicable. See case narrative.

Based on a review of the data, the sample bottles for dissolved metals analysis of samples BXS 3 and BXS 5 (field blank) collected on April 4, 2000, appear to have been inadvertently switched.

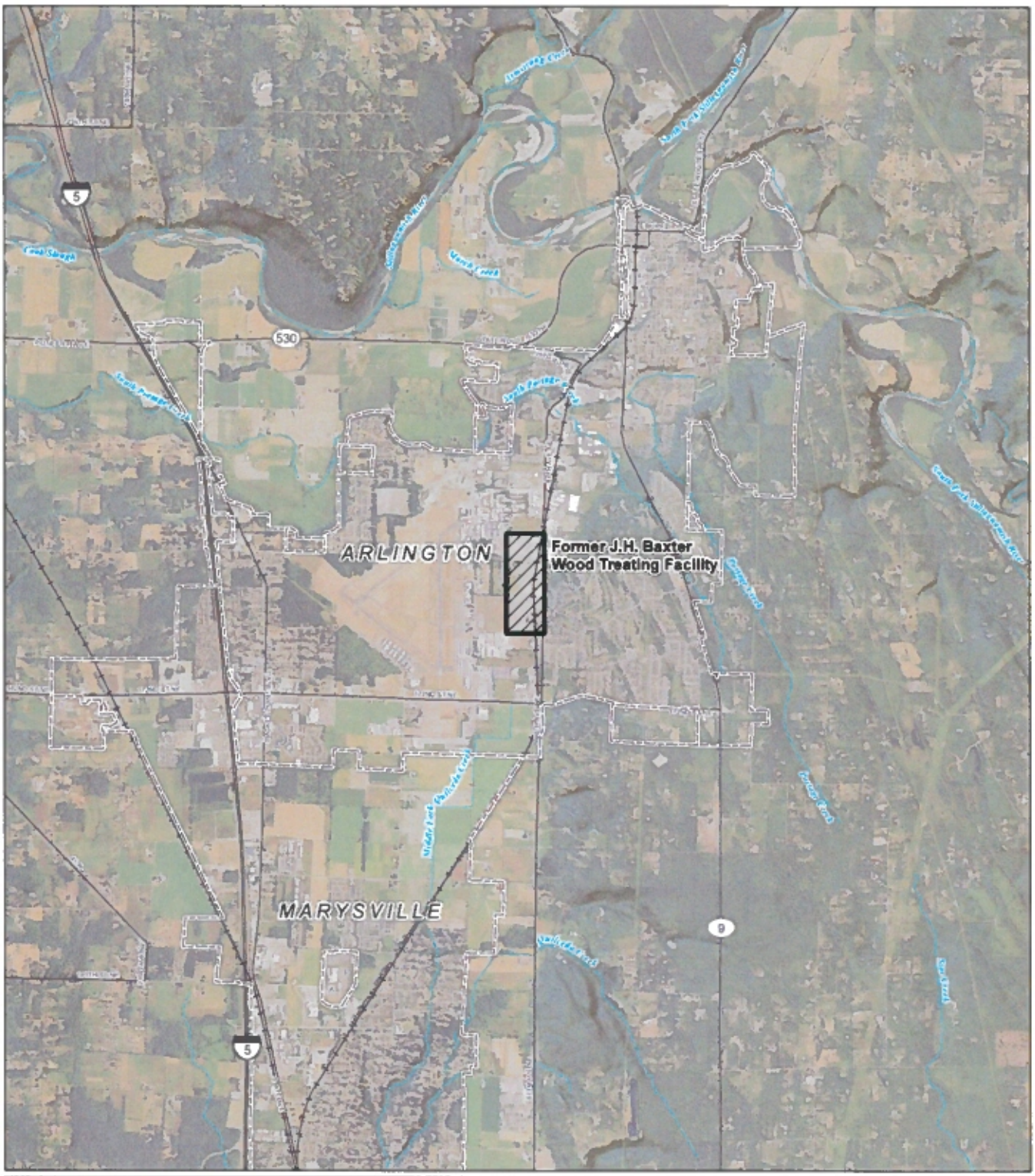
Polycyclic aromatic hydrocarbon (PAH) data have been summed using detected concentrations of acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, naphthalene, phenanthrene, and pyrene.

Toxicity equivalent quotients (TEQ) have been calculated using 1998 World Health Organization (WHO) toxicity equivalency factors (TEF) for dioxins and furans where congeners exceeded their respective minimum quantitation limit. An example of a calculation for TEQ is shown in Table 1-2.

Table 1-2. TEQ Calculation Example

Sample ID/Date		L-1 04/10/02		
Analyte	**WHO TEF**	**Result (pg/L)**		**TEQ**
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1.0	6.3		6.3
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	1.0	8.3		8.3
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.1	9.3	J	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.1	8.8		0.88
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	0.1	8.9		0.89
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	0.01	9	J	0
Octachlorodibenzo-p-dioxin (OCDD)	0.0001	21.1	UJ	0
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	0.1	4.5		0.45
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	0.05	7.3		0.365
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	0.5	4.5		2.25
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	0.1	1.9	UJ	0
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.1	5.5		0.55
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	0.1	8.7		0.87
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.1	5.8		0.58
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	0.01	6.9	J	0
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	0.01	8.2		0.082
Octachlorodibenzofuran (OCDF)	0.0001	5.8	UJ	0
Tetrachlorodibenzo-p-dioxins (TCDD), Total		6.3		
Pentachlorodibenzo-p-dioxin (PeCDD), Total		8.3		
Hexachlorodibenzo-p-dioxins (HxCDD), Total		8.8		
Heptachlorodibenzo-p-dioxins (HpCDD), Total		9		
Tetrachlorodibenzofurans (TCDF), Total		4.5		

Pentachlorodibenzofurans (PeCDF), Total	4.5	
Hexachlorodibenzofurans (HxCDF), Total	1.9	
Heptachlorodibenzofurans (HpCDF), Total	6.9	
2,3,7,8-TCDD equivalent (TEQ-WHO)		**21.517**



LEGEND

- Cities
- Railroads
- Major Roads
- Watercourses

MAP NOTES:
Date: December 17, 2015
Data Sources: Air photo taken on July 15, 2013 by the USDA

N

0 0.5 1
Miles

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FIGURE 1-1

Site Vicinity Map

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Document Path: P:\Portland\302 - Baxter\06\Arlington_RCRA\Project_mxds\2015_SAP\Figure1-1_Site_Vicinity_Map.mxd

FIGURE 1-2

Groundwater Monitoring Network

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

LEGEND

- Monitoring Well
- Recovery Well
- Extraction Well
- Infiltration Trench

N

0 150 300 450
Feet

MAP NOTES:
Date: December 17, 2015
Data Sources: AMEC, ESRI, Air photo taken on May 2, 2015 by Google Earth

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Document Path: P:\Portland\302 - Baxter\GIS\Arlington_RCRA\Project_mxds\2015_SADD\Figure1-2_GW_Monitoring_Network.mxd

2. Summary of Groundwater Elevation Data

Table 2-1. Historical Groundwater Elevation Summary: 1990-2007

Former J.H. Baxter Wood Treating Facility

Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				8/1/1990	8/1/1991	10/1/1991	3/1/1992	8/1/1992	3/1/1993	6/1/1993	9/1/1993	12/1/1993	8/15/1994	11/30/1994	2/16/1995	4/27/1995	8/1/1995	10/10/1995
BXS-1	427577	1320372.8	142.65	63.79	64.65	NM	64.43	59.67	58.89	58.98	57.24	56.02	56.74	54.68	59.42	61.19	59.20	58.13
BXS-2	427429.1	1320176.6	142.89	64.97	65.98	NM	65.05	60.92	59.55	NM	58.13	56.84	57.84	56.12	60.46	62.18	60.37	59.11
BXS-3	427202.9	1320143.8	142.07	67.39	68.28	66.02	67.93	63.22	61.68	NM	NM	NM	59.20	57.13	62.35	64.76	62.71	60.81
BXS-4	426556.4	1320865.9	143.42	84.74	85.03	NM	90.28	82.73	84.17	NM	NM	NM	81.28	NM	86.43	87.50	82.75	84.73
MW-1	427352.2	1320826.9	147.44	77.90	77.32	NM	82.90	71.43	75.82	NM	71.00	NM	70.95	77.86	81.09	81.12	74.27	75.94
MW-2	428166.9	1320647.4	145.96	64.36	64.87	NM	62.30	58.03	57.32	57.34	55.66	NM	55.12	NM	57.57	59.27	57.49	56.30
MW-3	427560.7	1320596.2	146.13	66.84	67.90	65.59	--	--	--	--	--	--	59.34	59.88	60.67	62.25	59.96	58.87
MW-4	425935.6	1321013.3	145.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.23	88.67	90.61	86.97	89.70
HCMW-5	427010.1	1320692.3	143.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCMW-6	427887.2	1320815.7	146.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCMW-7	428230.4	1320337.6	144.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	427175.1	1320566	144.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	427398.1	1321001	146.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	--	--	143.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	--	--	146.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-14	425602.6	1320388.9	141.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	427860	1320310.6	142.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	428006.8	1320325.6	142.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	427863.6	1320173.9	144.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	428312.7	1320075.7	142.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-1. Historical Groundwater Elevation Summary: 1990-2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				1/11/1996	4/18/1996	7/18/1996	9/25/1996	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/15/1998	4/15/1998	7/15/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999
BXS-1	427577	1320372.8	142.65	61.31	68.39	62.93	60.78	66.07	71.36	68.60	66.32	66.40	68.67	66.38	62.96	63.54	67.80	67.33
BXS-2	427429.1	1320176.6	142.89	61.99	64.57	64.01	61.92	66.94	71.95	69.81	67.64	64.83	69.89	67.73	64.30	64.63	68.96	68.71
BXS-3	427202.9	1320143.8	142.07	64.56	67.46	67.00	64.64	69.73	75.77	73.70	70.70	70.77	73.21	70.95	67.40	67.42	72.38	72.03
BXS-4	426556.4	1320865.9	143.42	88.15	--	84.40	85.49	92.20	90.20	86.69	86.61	89.40	88.89	85.87	83.91	88.16	88.94	87.56
MW-1	427352.2	1320826.9	147.44	81.45	77.61	76.15	74.83	84.72	82.12	79.90	77.38	81.15	80.79	77.15	72.89	80.65	81.34	79.86
MW-2	428166.9	1320647.4	145.96	59.29	61.51	61.12	59.10	63.93	69.51	66.67	64.33	64.08	66.51	64.31	60.97	60.98	--	65.06
MW-3	427560.7	1320596.2	146.13	62.44	64.16	64.26	61.09	67.44	72.16	69.25	66.89	67.05	69.09	67.03	63.47	64.86	68.59	68.02
MW-4	425935.6	1321013.3	145.02	92.18	90.27	88.15	89.87	94.96	91.30	88.97	90.10	92.74	91.30	89.12	88.02	91.82	91.15	89.92
HCMW-5	427010.1	1320692.3	143.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCMW-6	427887.2	1320815.7	146.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCMW-7	428230.4	1320337.6	144.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	427175.1	1320566	144.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	427398.1	1321001	146.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	--	--	143.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	--	--	146.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-14	425602.6	1320388.9	141.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	427860	1320310.6	142.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	428006.8	1320325.6	142.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	427863.6	1320173.9	144.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	428312.7	1320075.7	142.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-1. Historical Groundwater Elevation Summary: 1990-2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				10/4/1999	10/25/1999	1/11/2000	4/17/2000	7/26/2000	8/10/2000	10/4/2000	1/11/2001	4/3/2001	7/9/2001	10/1/2001	1/7/2002	4/8/2002	7/8/2002	10/21/2002
BXS-1	427577	1320372.8	142.65	64.72	63.83	67.01	68.40	65.64	64.64	62.96	62.83	NM	NM	59.81	72.78	63.99	63.07	NM
BXS-2	427429.1	1320176.6	142.89	66.04	64.23	68.22	71.27	64.07	66.21	64.29	62.15	62.08	62.63	60.87	62.91	65.26	64.21	104.63
BXS-3	427202.9	1320143.8	142.07	69.44	68.42	71.52	69.04	70.55	69.78	67.48	64.54	65.05	65.54	63.33	65.54	68.90	67.74	107.09
BXS-4	426556.4	1320865.9	143.42	84.69	84.87	89.67	85.54	85.48	84.71	85.32	88.07	86.89	85.42	83.87	88.15	87.73	85.01	126.01
MW-1	427352.2	1320826.9	147.44	75.26	74.40	82.40	80.42	NM	76.04	74.06	78.94	76.78	NM	69.99	80.93	79.11	75.19	113.41
MW-2	428166.9	1320647.4	145.96	62.62	61.85	64.57	65.38	NM	62.89	61.07	58.92	58.86	59.28	57.80	59.55	61.72	61.09	101.27
MW-3	427560.7	1320596.2	146.13	65.22	64.24	68.10	68.24	NM	65.56	63.54	61.81	61.73	NM	60.35	62.94	64.70	63.69	103.83
MW-4	425935.6	1321013.3	145.02	88.16	88.78	92.28	91.18	NM	87.73	88.55	92.77	NM	NM	88.44	91.33	91.05	89.02	129.62
HCMW-5	427010.1	1320692.3	143.75	NA	71.32	80.35	NM	NM	72.99	NM	72.46	72.18	72.44	71.13	76.44	74.68	71.38	NM
HCMW-6	427887.2	1320815.7	146.36	NA	64.08	107.25	NM	NM	65.45	NM	63.79	107.25	61.95	60.01	62.86	64.45	63.48	104.36
HCMW-7	428230.4	1320337.6	144.73	NA	61.00	63.10	NM	NM	62.14	NM	58.22	58.01	58.50	56.70	58.55	60.78	60.55	100.53
MW-10	427175.1	1320566	144.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	107.08
MW-11	427398.1	1321001	146.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	117.63
MW-12	--	--	143.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM
MW-13	--	--	146.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM
MW-14	425602.6	1320388.9	141.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	111.51
MW-15	427860	1320310.6	142.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	98.22
MW-16	428006.8	1320325.6	142.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	427863.6	1320173.9	144.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	428312.7	1320075.7	142.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-1. Historical Groundwater Elevation Summary: 1990-2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				1/10/2003	3/31/2003	7/8/2003	9/15/2003	2/12/2004	4/22/2004	7/13/2004	10/12/2004	1/13/2005	4/11/2005	8/8/2005	11/2/2005	12/1/2005	1/18/2006	2/16/2006
BXS-1	427577	1320372.8	142.65	NM	NM	106.40	NM	106.27	106.16	105.99	106.25	106.22	106.38	106.17	106.28	106.16	104.39	NM
BXS-2	427429.1	1320176.6	142.89	NM	105.01	105.16	NM	105.1	106.62	105.33	104.26	106.1	107.39	107.2	104.82	105.06	106.2	108.57
BXS-3	427202.9	1320143.8	142.07	105.21	108.25	108.39	105.85	108.82	110.43	108.36	106.24	108.92	108.07	110.49	107.57	107.45	109.23	NM
BXS-4	426556.4	1320865.9	143.42	131.64	131.22	127.13	125.41	133.69	130.13	129.87	128.44	133.47	132.71	127.4	128.62	131.59	133.74	132.92
MW-1	427352.2	1320826.9	147.44	123.31	123.10	118.19	114.45	125.44	122.19	120	121.03	125.52	122.48	118.46	116.29	122.93	NM	NM
MW-2	428166.9	1320647.4	145.96	100.13	101.73	102.02	100.05	102.11	103.24	102.24	100.62	103.29	104.11	105.96	101.54	101.74	NM	105.96
MW-3	427560.7	1320596.2	146.13	102.96	105.00	105.00	102.70	105.61	106.47	105.16	103.53	106.85	107.16	106.78	104.33	104.63	NM	109.16
MW-4	425935.6	1321013.3	145.02	135.32	134.56	130.94	129.10	137.22	132.53	131.47	131.46	137.23	137.37	130.83	132.5	136.04	NM	NM
HCMW-5	427010.1	1320692.3	143.75	115.83	117.90	114.56	114.56	122.02	117.75	115.49	115	122.83	117.73	114.58	114.53	116.58	NM	NM
HCMW-6	427887.2	1320815.7	146.36	102.18	104.48	104.56	102.18	105.21	106.2	104.74	102.93	106.66	106.61	106.36	103.73	103.99	NM	NM
HCMW-7	428230.4	1320337.6	144.73	99.34	101.04	101.14	99.31	101.04	102.2	101.32	99.86	102.07	103.24	103.04	100.79	100.96	NM	NM
MW-10	427175.1	1320566	144.99	108.27	110.85	109.35	106.06	107.21	112.24	109.95	108.14	115.84	112.12	110.78	107.95	109.26	NM	116.13
MW-11	427398.1	1321001	146.06	125.62	124.77	121.52	119.48	127.21	123.81	122.69	123.31	126.87	124.42	121.3	121.38	124.46	NM	126.34
MW-12	--	--	143.79	NM	NM	107.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-13	--	--	146.62	NM	NM	117.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-14	425602.6	1320388.9	141.70	112.10	117.51	114.75	110.71	117.85	116.58	114.12	111.1	118.01	121.16	115.46	111.99	109.81	NM	NM
MW-15	427860	1320310.6	142.22	101.00	102.69	103.02	101.05	102.94	104.22	103.18	101.6	104.04	105.1	104.96	102.52	102.68	NM	106.53
MW-16	428006.8	1320325.6	142.91	NA	NA	NA	NA	102.66	103.96	102.96	101.45	103.65	104.91	104.84	102.45	102.55	NM	107.71
MW-17	427863.6	1320173.9	144.85	NA	NA	NA	NA	102.12	103.38	102.42	100.91	103.2	104.35	104.21	101.91	100.97	NM	104.32
MW-18	428312.7	1320075.7	142.45	NA	NA	NA	NA	100.2	101.53	100.71	99.27	101.22	102.68	102.52	100.35	100.46	NM	103.83

Table 2-1. Historical Groundwater Elevation Summary: 1990-2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)											
				3/1/2006	4/3/2006	5/1/2006	6/1/2006	7/5/2006	8/1/2006	9/1/2006	10/2/2006	1/29/2007	4/16/2007	7/16/2007	10/8/2007
BXS-1	427577	1320372.8	142.65	108.58	108.92	109.17	108.75	108.37	107.4	106.31	106.05	109.86	110.72	108.42	106.2
BXS-2	427429.1	1320176.6	142.89	109.19	109.76	110.04	109.77	109.37	108.45	107.48	106.43	110.24	111.71	109.63	106.67
BXS-3	427202.9	1320143.8	142.07	112.75	113.38	113.6	113.24	112.75	111.92	108.04	109.8	114.12	115.59	113.3	109.89
BXS-4	426556.4	1320865.9	143.42	132.38	131.91	131.48	131.99	130.02	128.23	127.17	128.5	133.44	133.24	128.5	127.51
MW-1	427352.2	1320826.9	147.44	124.2	123.57	123.49	122.63	122.02	119.19	117.07	118.79	125.69	125.02	120.14	115.81
MW-2	428166.9	1320647.4	145.96	106.4	106.71	107.05	106.59	106.11	105.11	104.06	103.13	107.49	108.37	106.15	103.22
MW-3	427560.7	1320596.2	146.13	109.49	109.74	110.01	109.47	109.1	108.05	106.88	105.96	110.89	111.61	109.06	105.86
MW-4	425935.6	1321013.3	145.02	135.25	134.87	133.97	135.68	132.38	131.15	130.29	131.52	136.23	135.78	131.22	130.38
HCMW-5	427010.1	1320692.3	143.75	120.95	119.99	119.76	118.73	118.4	115.85	114.55	114.43	124.06	123.11	116.96	114.35
HCMW-6	427887.2	1320815.7	146.36	109.67	109.69	109.93	109.18	108.79	107.63	106.39	105.41	111.41	111.56	108.74	105.39
HCMW-7	428230.4	1320337.6	144.73	105.06	105.54	105.9	105.52	105.14	104.22	103.25	102.34	106	107.1	105.24	102.43
MW-10	427175.1	1320566	144.99	116.01	115.41	115.37	114.48	114	112.18	110.64	109.96	119.44	119.46	114.3	109.82
MW-11	427398.1	1321001	146.06	126.01	124.9	124.69	124.25	123.43	121.63	119.51	122.61	127.07	126.21	122.21	119.94
MW-12	--	--	143.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	120.14	NM	NM
MW-13	--	--	146.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	125.62	NM	NM
MW-14	425602.6	1320388.9	141.70	122.14	121.18	121.7	119.54	119.33	116.73	114.96	113.77	124.52	124.49	117.48	113.63
MW-15	427860	1320310.6	142.22	107.04	107.5	107.85	107.4	107.08	106.2	105.2	104.23	108.19	109.2	107.21	104.26
MW-16	428006.8	1320325.6	142.91	108.26	108.63	109.01	108.67	108.3	107.39	106.38	105.48	109.24	110.35	108.45	105.52
MW-17	427863.6	1320173.9	144.85	104.92	105.32	105.66	105.28	104.93	104.12	103.09	102.15	105.91	106.98	105.13	102.19
MW-18	428312.7	1320075.7	142.45	104.31	104.82	105.19	104.91	104.53	103.75	102.85	101.92	105.12	106.43	104.79	102.03

Notes

ft = feet.

NM = not measured; often due to water level below the pump.

NA = not applicable; MW-4 was installed in 1994, HCMW-5 through HCMW-7 were installed in 1999, MW-10 through MW-15 were installed in 2002, and MW-16 through MW-18 were installed in 2004.

NAVD88 = North American Vertical Datum of 1988.

-- = data not reported or elevation inconsistent with historical groundwater elevation.

Table 2-2. Groundwater Elevation Summary: 2008-2016
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				1/28/2008[1,2]	1/31/2008 (am)[3]	1/31/2008 (pm)[3]	2/1/2008	2/2/2008	2/4/2008	2/5/2008	2/8/2008[4]	2/15/2008	2/25/2008	3/6/2008	3/14/2008	3/24/2008	3/28/2008	4/28/2008
BXS-1	427577	1320372.8	142.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	106.88
BXS-2	427429.1	1320176.6	142.89	106.63	NM	NM	106.74	106.94	106.74	107.03	106.91	107.08	106.92	107.26	107.29	107.15	107.44	108.26
BXS-3	427202.9	1320143.8	142.07	109.82	NM	NM	110.08	110.36	110.28	110.57	110.56	110.84	110.85	111.27	111.26	111.15	111.42	112.84
BXS-4	426556.4	1320865.9	143.42	132.10	NM	NM	131.99	131.94	131.95	131.95	131.85	132.34	131.74	131.25	131.13	131.09	131.38	131.77
MW-1	427352.2	1320826.9	147.44	124.33	NM	NM	124.08	124.06	123.94	123.97	123.87	124.21	124.03	123.63	123.41	123.16	123.29	124.22
MW-2	428166.9	1320647.4	145.96	103.68	NM	NM	103.80	103.84	103.79	103.86	103.86	103.96	103.99	104.05	104.05	103.94	104.04	104.72
MW-3	427560.7	1320596.2	146.13	106.87	106.94	106.90	106.86	106.76	106.59	106.68	106.70	106.82	106.66	106.85	106.76	106.65	106.79	107.63
MW-4	425935.6	1321013.3	145.02	135.54	NM	NM	135.29	135.53	135.37	135.42	135.35	136.10	134.46	134.10	134.13	134.51	135.12	134.46
HCMW-5	427010.1	1320692.3	143.75	120.42	NM	NM	120.09	120.09	119.90	119.92	119.71	120.04	119.78	119.22	118.82	118.39	118.53	120.15
HCMW-6	427887.2	1320815.7	146.36	106.84	NM	NM	106.91	106.95	106.77	106.85	106.78	106.90	106.82	106.89	106.85	106.67	106.76	107.62
HCMW-7	428230.4	1320337.6	144.73	102.67	NM	NM	102.74	102.78	102.75	102.82	102.81	102.91	102.99	103.05	103.07	102.99	103.06	103.71
MW-10	427175.1	1320566	144.99	114.90	NM	NM	114.85	114.94	114.76	114.92	114.74	114.92	114.77	114.64	114.50	114.33	114.54	116.72
MW-11	427398.1	1321001	146.06	125.74	NM	NM	125.51	125.51	125.40	125.40	125.29	125.67	125.26	124.76	124.47	124.29	124.46	125.25
MW-14	425602.6	1320388.9	141.70	119.98	NM	NM	119.71	119.75	119.65	--	119.72	120.35	120.33	119.29	118.86	118.64	118.88	120.72
MW-15	427860	1320310.6	142.22	104.72	NM	NM	104.80	104.83	104.73	104.82	104.81	104.90	104.93	105.06	105.04	104.95	105.04	105.77
MW-16	428006.8	1320325.6	142.91	103.91	NM	NM	103.98	104.02	103.96	104.05	104.04	104.14	104.18	104.29	104.30	104.21	104.29	105.01
MW-17	427863.6	1320173.9	144.85	104.47	NM	NM	104.55	104.59	104.52	104.62	104.60	104.70	104.75	104.88	104.87	104.78	104.87	105.56
MW-18	428312.7	1320075.7	142.45	102.05	NM	NM	102.12	102.18	102.14	102.21	102.22	102.33	102.40	102.50	102.54	102.47	102.54	103.19
MW-22	427395.3	1320573.5	142.75	108.72	108.93	108.90	108.85	108.96	108.83	109.05	108.96	109.25	109.45	110.22	110.38	110.31	110.70	111.62
MW-23	427500	1320578.2	143.18	107.50	107.64	107.63	107.58	107.60	107.43	107.54	107.53	107.75	107.95	108.41	108.50	108.46	108.60	109.52
MW-24	427563.9	1320645.1	144.13	107.02	107.09	107.04	107.00	106.93	106.74	106.83	106.84	106.99	106.83	107.01	106.93	106.83	106.96	107.81
MW-25	427492.9	1320682	144.98	109.06	109.28	109.26	109.19	109.22	109.12	109.28	109.51	110.29	110.90	111.96	112.13	112.13	112.53	113.45
MW-26	427601	1320773	144.75	107.48	107.56	107.51	107.46	107.41	107.17	107.22	107.29	107.44	107.27	107.46	107.42	107.30	107.42	108.31
MW-27	427677.9	1320702.8	144.31	107.01	107.07	107.03	106.98	106.62	106.71	106.81	106.80	106.93	106.77	106.93	106.88	106.77	106.88	107.74
MW-28	427502.3	1320488.8	142.77	107.01	107.18	107.16	107.08	107.14	106.91	107.10	107.04	107.20	107.09	107.45	107.48	107.47	107.68	108.58
MW-29	427637.7	1320503	142.61	106.33	106.38	106.36	106.29	106.19	106.03	106.13	106.13	106.21	106.09	106.26	106.04	105.95	106.07	106.90
MW-30	427836.7	1320483.2	142.4	105.47	105.55	105.55	105.53	105.51	105.39	105.47	105.46	105.57	105.52	105.65	105.58	105.48	105.60	106.34
MW-31	427715.8	1320294	140.95	105.23	105.31	105.32	105.28	105.30	105.19	105.31	105.29	105.37	105.37	105.53	105.47	105.38	105.48	106.23
MW-32	427493.5	1320670.2	145.01	107.36	107.44	107.40	107.37	107.30	107.11	107.19	107.22	107.38	107.24	107.42	107.35	107.22	107.36	108.23
MW-33	427577.4	1320602	143.46	106.87	106.94	106.91	106.85	106.77	106.59	106.67	106.69	106.82	106.66	106.85	106.75	106.66	106.81	107.63
MW-34	427647.7	1320498.6	142.6	106.29	106.33	106.30	106.25	106.17	106.00	106.09	106.09	106.18	106.01	106.24	106.02	105.93	106.05	106.87
MW-35	427726.8	1320608.7	143.89	106.36	106.45	106.40	106.36	106.29	106.14	106.21	106.22	106.34	106.21	106.35	106.28	106.17	106.31	107.08
MW-36	427676.1	1320399.4	141.15	105.60	105.66	105.64	105.60	105.58	105.46	105.72	105.52	105.61	105.55	105.71	105.61	105.52	105.63	106.42
MW-37	427969.4	1320251.9	141.96	104.16	104.24	104.25	104.24	104.28	104.22	104.29	104.30	104.38	104.44	104.57	104.57	104.48	104.56	105.25
MW-38	427653.6	1320491.4	143.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-39	427993.1	1320148.9	142.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-40	427859.5	1320316.6	142.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-41	427968.1	1320255	141.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-42	428319.7	1320080.9	142.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-43	428757.5	1319841.1	141.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-2. Groundwater Elevation Summary: 2008-2016
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				5/30/2008	6/30/2008	7/28/2008[5]	8/25/2008	9/26/2008	10/22/2008	11/25/2008	1/6/2009[6]	2/9/2009	3/5/2009	4/1/2009	5/4/2009	5/26/2009	7/8/2009	8/3/2009
BXS-1	427577	1320372.8	142.65	106.87	106.64	NM	NM	NM	NM	NM	NM	109.10	108.45	107.95	108.73	108.31	107.04	106.08
BXS-2	427429.1	1320176.6	142.89	108.30	108.12	107.43	106.58	105.86	105.45	105.29	106.64	110.00	110.59	110.10	110.84	110.47	109.28	108.35
BXS-3	427202.9	1320143.8	142.07	112.72	112.27	111.42	111.42	111.42	108.56	108.16	109.90	113.75	113.92	113.50	114.18	113.73	112.56	111.53
BXS-4	426556.4	1320865.9	143.42	131.08	129.41	127.43	127.23	127.16	128.06	130.79	132.50	131.65	130.40	131.28	131.18	130.51	127.49	126.40
MW-1	427352.2	1320826.9	147.44	123.50	122.11	120.40	119.02	118.63	119.18	124.09	125.54	125.33	123.61	123.37	123.99	123.13	120.19	118.41
MW-2	428166.9	1320647.4	145.96	104.81	104.60	103.91	103.20	102.46	102.04	102.12	103.70	107.53	106.70	106.06	106.65	106.37	105.13	104.23
MW-3	427560.7	1320596.2	146.13	107.53	107.24	106.39	105.60	105.04	104.77	104.67	106.53	110.05	109.18	108.56	109.39	108.91	107.59	106.63
MW-4	425935.6	1321013.3	145.02	133.78	132.31	131.20	131.04	131.20	132.27	134.58	136.69	133.78	133.30	135.75	133.88	133.45	131.07	130.37
HCMW-5	427010.1	1320692.3	143.75	119.18	117.63	115.53	113.79	112.95	113.48	118.26	120.39	122.33	120.02	119.39	120.53	119.17	116.61	114.92
HCMW-6	427887.2	1320815.7	146.36	107.56	107.30	106.38	105.51	104.71	104.41	104.38	106.44	111.19	109.63	108.74	109.61	109.07	107.57	106.56
HCMW-7	428230.4	1320337.6	144.73	103.84	103.68	103.03	102.35	101.66	101.31	101.30	102.58	106.14	105.53	105.02	105.56	105.33	104.42	103.43
MW-10	427175.1	1320566	144.99	116.48	115.20	113.20	111.49	110.50	110.24	111.55	114.90	120.17	118.05	116.30	117.36	116.59	114.30	112.57
MW-11	427398.1	1321001	146.06	124.46	123.26	121.75	120.89	120.78	122.04	125.42	127.18	126.06	124.46	124.64	125.00	124.11	121.49	119.95
MW-14	425602.6	1320388.9	141.70	120.40	118.42	116.29	114.70	113.44	113.14	116.72	120.76	121.72	119.04	120.24	121.85	120.61	116.90	115.45
MW-15	427860	1320310.6	142.22	105.82	105.64	104.93	104.21	103.46	103.17	103.04	104.40	107.98	107.42	106.85	107.52	107.23	106.10	105.27
MW-16	428006.8	1320325.6	142.91	105.08	104.93	104.25	103.52	101.79	102.46	102.34	103.68	107.26	106.76	106.16	106.82	106.55	105.41	104.60
MW-17	427863.6	1320173.9	144.85	105.65	105.49	104.81	104.10	103.36	103.04	102.90	104.15	107.71	107.20	106.66	107.32	107.06	105.97	105.17
MW-18	428312.7	1320075.7	142.45	103.32	103.18	102.58	101.92	101.23	100.86	100.80	101.82	105.21	104.85	104.41	104.96	104.78	103.74	103.02
MW-22	427395.3	1320573.5	142.75	111.44	110.86	110.15	109.30	108.74	108.22	108.88	110.52	113.71	112.80	112.07	113.08	112.40	111.05	110.14
MW-23	427500	1320578.2	143.18	109.45	109.11	108.43	107.70	107.10	106.41	107.03	108.50	108.72	110.93	110.35	111.11	110.64	109.43	108.63
MW-24	427563.9	1320645.1	144.13	107.78	107.44	106.57	105.77	105.21	104.91	104.87	106.76	110.36	109.40	108.80	109.66	109.09	107.74	106.80
MW-25	427492.9	1320682	144.98	113.52	113.10	112.49	111.62	111.46	110.65	111.75	112.99	115.60	114.57	114.01	114.80	114.32	113.27	112.59
MW-26	427601	1320773	144.75	108.20	107.88	106.93	106.09	105.47	105.21	105.25	107.29	111.03	109.86	109.25	110.09	109.48	108.08	107.08
MW-27	427677.9	1320702.8	144.31	107.67	107.39	106.47	105.66	105.05	104.79	104.74	NM	110.41	109.36	108.76	109.59	109.00	107.65	106.71
MW-28	427502.3	1320488.8	142.77	108.51	108.19	107.45	106.63	106.04	105.83	105.82	107.48	110.79	110.07	109.43	110.25	109.76	108.49	107.64
MW-29	427637.7	1320503	142.61	106.87	106.62	105.79	105.00	104.56	104.38	103.99	105.80	109.31	108.51	107.92	108.70	108.25	106.99	106.08
MW-30	427836.7	1320483.2	142.4	106.39	106.18	105.40	104.66	103.90	103.70	103.54	105.17	108.76	108.00	107.44	108.16	107.79	106.57	105.71
MW-31	427715.8	1320294	140.95	106.26	106.07	105.34	104.58	103.84	103.59	103.44	104.89	108.43	107.85	107.27	107.99	107.65	106.48	105.65
MW-32	427493.5	1320670.2	145.01	108.14	107.81	106.95	106.11	105.55	105.27	105.30	107.16	110.68	109.66	109.14	109.98	109.41	108.06	107.12
MW-33	427577.4	1320602	143.46	107.61	107.30	106.45	105.63	105.06	104.83	104.71	106.63	110.10	109.21	108.62	109.44	108.91	107.61	106.68
MW-34	427647.7	1320498.6	142.6	106.86	106.61	105.79	105.00	104.53	104.34	103.97	105.77	109.27	108.50	107.90	108.68	108.23	106.97	106.08
MW-35	427726.8	1320608.7	143.89	107.08	106.84	105.97	105.19	104.57	104.34	104.18	106.03	109.63	108.74	108.17	108.96	108.44	107.17	106.26
MW-36	427676.1	1320399.4	141.15	106.43	106.21	105.51	104.74	104.27	103.81	103.65	105.27	108.80	108.20	107.51	108.27	107.89	106.66	105.80
MW-37	427969.4	1320251.9	141.96	105.34	105.18	104.51	103.78	103.05	102.73	102.62	103.89	107.43	106.91	106.36	107.02	106.77	105.66	104.85
MW-38	427653.6	1320491.4	143.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-39	427993.1	1320148.9	142.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-40	427859.5	1320316.6	142.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-41	427968.1	1320255	141.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-42	428319.7	1320080.9	142.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-43	428757.5	1319841.1	141.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-2. Groundwater Elevation Summary: 2008-2016
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				8/27/2009	9/30/2009	11/16/2009	12/30/2009	1/25/2010	2/8/2010[7]	3/23/2010[8,9]	4/28/2010[8,10]	5/24/2010[11]	6/29/2010	8/16/2010	11/15/2010	2/7/2011	5/15/11[12]	8/22/2011
BXS-1	427577	1320372.8	142.65	NM	NM	106.10	107.38	108.70	108.97	108.06	108.63	108.66	109.96	108.32	106.37	111.16	115.52	111.77
BXS-2	427429.1	1320176.6	142.89	107.56	106.39	106.29	108.91	110.15	110.65	110.72	110.49	110.75	111.85	110.54	108.51	112.75	117.48	115.12
BXS-3	427202.9	1320143.8	142.07	110.59	109.12	108.41	111.88	113.43	114.09	113.78	113.93	114.18	115.18	114.16	111.30	116.19	121.53	117.58
BXS-4	426556.4	1320865.9	143.42	126.17	125.95	131.38	132.52	133.22	131.70	130.34	132.07	130.68	132.31	128.12	130.98	133.84	134.18	130.16
MW-1	427352.2	1320826.9	147.44	117.14	115.44	126.08	126.05	126.45	125.47	124.14	125.13	124.14	125.33	121.85	124.42	126.48	126.42	122.78
MW-2	428166.9	1320647.4	145.96	103.38	102.27	102.41	105.45	106.81	106.99	106.14	106.60	106.68	107.95	106.41	104.41	109.32	113.88	109.78
MW-3	427560.7	1320596.2	146.13	105.75	104.67	105.15	108.45	109.85	110.00	108.85	109.42	109.45	110.87	108.87	107.12	112.38	116.36	112.29
MW-4	425935.6	1321013.3	145.02	129.81	129.53	133.94	135.45	135.47	133.44	132.91	135.33	132.78	134.08	131.04	134.19	137.08	136.24	134.17
HCMW-5	427010.1	1320692.3	143.75	113.47	112.23	119.52	122.33	123.91	122.54	NM3	NM3	120.58	122.90	118.06	118.85	125.16	126.17	121.18
HCMW-6	427887.2	1320815.7	146.36	105.63	104.46	104.93	109.36	111.26	111.04	109.37	109.95	109.88	111.57	109.08	107.21	113.50	117.20	112.46
HCMW-7	428230.4	1320337.6	144.73	102.62	101.54	101.55	104.03	105.25	105.55	105.00	105.43	105.55	106.65	105.44	103.43	107.71	112.47	108.86
MW-10	427175.1	1320566	144.99	111.21	109.52	112.13	119.01	120.90	120.34	118.19	118.19	118.25	120.04	116.60	114.51	122.78	124.85	119.59
MW-11	427398.1	1321001	146.06	118.82	117.76	128.41	127.67	127.98	126.69	125.25	126.50	125.11	126.44	122.90	125.78	127.60	127.18	123.76
MW-14	425602.6	1320388.9	141.70	114.25	112.75	115.18	119.13	122.10	120.51	118.23	120.76	119.81	122.67	117.87	115.55	125.45	127.49	121.25
MW-15	427860	1320310.6	142.22	104.45	103.35	103.29	106.00	107.31	107.64	106.98	107.39	107.57	108.73	107.33	105.25	109.77	114.32	110.78
MW-16	428006.8	1320325.6	142.91	103.77	102.67	102.60	105.21	106.48	106.84	106.27	106.66	106.83	107.96	106.65	104.61	108.98	113.66	110.17
MW-17	427863.6	1320173.9	144.85	104.35	103.26	103.12	105.69	106.94	107.33	106.76	107.14	107.36	108.44	107.19	105.11	109.40	113.03	110.66
MW-18	428312.7	1320075.7	142.45	102.24	101.16	101.05	103.20	104.35	104.73	104.38	104.78	104.96	105.96	104.91	102.92	106.76	111.20	108.45
MW-22	427395.3	1320573.5	142.75	109.31	108.09	109.18	112.61	113.68	113.74	112.69	112.96	113.07	114.22	112.39	110.99	115.94	118.60	115.00
MW-23	427500	1320578.2	143.18	107.84	106.77	107.39	110.40	111.54	111.70	110.74	111.13	111.20	112.36	110.65	109.18	113.91	117.26	113.46
MW-24	427563.9	1320645.1	144.13	105.93	104.83	105.40	108.71	110.18	110.32	109.12	109.69	109.69	111.12	109.07	107.30	112.61	116.60	112.49
MW-25	427492.9	1320682	144.98	111.90	110.76	112.69	115.04	115.90	115.86	115.21	115.43	115.53	116.32	115.00	114.16	117.60	119.97	116.53
MW-26	427601	1320773	144.75	106.17	105.06	105.88	109.51	111.06	111.04	109.63	110.20	110.09	111.60	109.42	107.76	113.41	117.14	112.75
MW-27	427677.9	1320702.8	144.31	105.80	104.72	105.38	108.82	110.34	110.43	109.07	109.67	109.62	111.09	108.99	107.30	112.79	116.70	112.41
MW-28	427502.3	1320488.8	142.77	106.84	105.76	106.19	109.34	110.54	110.77	109.85	110.20	110.31	111.55	109.78	108.12	113.14	117.80	112.91
MW-29	427637.7	1320503	142.61	105.23	104.13	104.43	107.59	108.97	109.18	108.17	108.71	108.77	110.33	108.28	106.46	111.83	116.02	111.80
MW-30	427836.7	1320483.2	142.4	104.87	103.78	103.85	106.88	108.26	108.50	107.65	108.11	108.21	109.51	107.88	105.95	110.72	115.16	111.33
MW-31	427715.8	1320294	140.95	104.82	103.72	103.72	106.53	107.81	108.14	107.64	107.86	108.02	109.22	107.72	105.73	110.34	114.78	111.16
MW-32	427493.5	1320670.2	145.01	106.25	105.12	105.82	109.10	110.53	110.63	109.43	110.00	109.99	111.42	109.36	107.69	112.90	116.84	112.70
MW-33	427577.4	1320602	143.46	105.81	104.71	105.20	108.47	109.87	110.03	108.90	109.46	109.48	110.91	108.91	107.15	112.44	116.37	112.31
MW-34	427647.7	1320498.6	142.6	105.23	104.13	104.42	107.56	108.93	109.14	108.16	108.68	108.74	110.28	108.26	106.45	111.75	116.19	111.77
MW-35	427726.8	1320608.7	143.89	105.40	104.32	104.64	107.93	109.36	109.54	108.43	108.96	109.00	110.45	108.49	106.65	111.86	116.86	111.99
MW-36	427676.1	1320399.4	141.15	104.97	103.87	104.01	106.89	108.23	108.50	107.68	108.44	108.25	109.63	107.87	105.95	110.81	115.16	111.40
MW-37	427969.4	1320251.9	141.96	104.04	102.94	102.84	105.41	106.67	107.03	106.45	106.85	107.05	108.15	106.90	104.82	109.12	113.78	110.36
MW-38	427653.6	1320491.4	143.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	108.25	106.41	111.48	115.64	111.74
MW-39	427993.1	1320148.9	142.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	106.28	104.30	108.43	113.06	109.77
MW-40	427859.5	1320316.6	142.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	106.82	104.79	109.20	113.81	110.29
MW-41	427968.1	1320255	141.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	106.48	104.48	108.75	113.39	109.97
MW-42	428319.7	1320080.9	142.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	104.82	102.80	106.69	111.81	108.32
MW-43	428757.5	1319841.1	141.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100.14	103.28	108.16	105.56

Table 2-2. Groundwater Elevation Summary: 2008-2016
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)														
				11/1/2011[13]	2/12/2012	4/29/2012	8/19/2012	11/11/2012	2/13/2013	6/2/2013	8/25/2013	12/2/2013	3/16/2014	6/2/2014	9/29/2014	11/17/2014	2/23/2015	9/14/2015
BXS-1	427577	1320372.8	142.65	108.64	109.84	113.71	111.76	108.65	115.9	113.43	109.9	107.13	108.75	111.2	107.46	107.35	110.93	106.05
BXS-2	427429.1	1320176.6	142.89	110.89	111.67	115.92	114.02	110.89	117.76	115.64	112.14	109.2	120.75	113.09	109.49	109.39	113.13	108.19
BXS-3	427202.9	1320143.8	142.07	114.30	115.03	119.94	117.43	114.07	122.31	119.07	115.42	106.55	114.07	116.36	112.47	113.17	117.03	108.67
BXS-4	426556.4	1320865.9	143.42	128.89	132.27	133.42	130.07	131.32	134.54	131.65	128.3	129.82	131.85	131.16	128.82	131.32	130.42	127.02
MW-1	427352.2	1320826.9	147.44	120.28	124.59	125.53	122.53	122.64	126.88	123.59	121.67	120.29	NM	133.31	133.64	134.87	134.41	131.77
MW-2	428166.9	1320647.4	145.96	106.54	107.69	112.10	109.75	106.51	114.65	111.52	107.71	104.99	NM	NM	NM	NM	NM	114.87
MW-3	427560.7	1320596.2	146.13	109.13	110.68	114.57	112.28	109.18	116.97	114.18	110.48	107.62	NM	NM	NM	NM	NM	106.31
MW-4	425935.6	1321013.3	145.02	132.07	136.24	135.89	132.25	135.15	137.06	133.57	131.76	133.77	105.58	108.1	104.42	104.37	107.78	103.03
HCMW-5	427010.1	1320692.3	143.75	117.80	121.22	124.32	120.59	118.95	126.79	122.2	NM	116.74	--	--	118.9	123.33	124.14	119.29
HCMW-6	427887.2	1320815.7	146.36	109.07	110.85	115.36	112.42	111.96	118.13	NM	NM	NM	106.76	109.25	105.36	104.36	109.36	103.96
HCMW-7	428230.4	1320337.6	144.73	105.69	106.54	110.74	108.81	105.73	112.98	110.43	106.93	104.08	109.57	111.78	107.98	108.03	111.93	106.6
MW-10	427175.1	1320566	144.99	115.84	118.09	122.73	119.15	115.79	125.18	120.77	116.56	113.58	NM	118.39	113.06	114.09	118.98	111.99
MW-11	427398.1	1321001	146.06	116.91	125.82	126.52	123.44	124.36	127.76	124.44	123.06	122.81	NM	NM	NM	NM	NM	NM
MW-14	425602.6	1320388.9	141.70	117.35	122.83	126.21	121.75	119.2	128.09	123.38	119.69	119.03	NM	122.75	118.1	122.2	124.5	116.28
MW-15	427860	1320310.6	142.22	107.64	108.57	112.64	110.79	107.62	114.69	112.41	108.89	106.09	107.69	110.07	106.52	106.32	110.02	104.72
MW-16	428006.8	1320325.6	142.91	106.96	107.80	111.99	110.16	106.91	114.1	111.76	108.17	105.26	106.91	109.3	105.8	109.01	109.11	104.35
MW-17	427863.6	1320173.9	144.85	107.50	108.30	112.39	110.60	107.45	114.24	112.29	108.75	105.88	107.3	109.85	106.3	106.05	109.65	104.95
MW-18	428312.7	1320075.7	142.45	105.28	105.92	109.95	108.44	105.3	111.82	109.95	106.48	103.67	105.05	107.49	104.05	103.95	107.15	102.75
MW-22	427395.3	1320573.5	142.75	112.07	113.21	116.85	114.73	111.96	118.63	116.49	113.06	110.14	112.29	113.9	110.1	110.23	114.1	109.6
MW-23	427500	1320578.2	143.18	110.63	112.07	115.68	113.37	110.53	117.78	115.03	111.54	108.83	110.86	112.83	108.74	108.94	112.64	108.18
MW-24	427563.9	1320645.1	144.13	109.29	110.87	114.78	112.42	109.33	117.03	114.19	110.58	107.73	109.61	111.98	107.98	108.13	111.95	106.58
MW-25	427492.9	1320682	144.98	113.99	114.98	118.51	116.27	113.63	117.38	117.62	109.47	111.35	114.13	115.52	110.48	111.88	115.14	112.51
MW-26	427601	1320773	144.75	109.50	111.20	115.30	112.75	109.55	117.76	114.42	110.78	108	110	112.35	108.27	108.31	112.38	106.85
MW-27	427677.9	1320702.8	144.31	109.28	110.80	114.86	112.42	109.31	117.31	114.16	110.48	107.75	109.57	111.99	108	108.01	111.99	106.55
MW-28	427502.3	1320488.8	142.77	109.87	111.31	115.09	112.86	109.92	117.32	114.62	111.04	108.22	110.72	112.32	108.35	108.56	112.17	107.26
MW-29	427637.7	1320503	142.61	108.65	110.18	114.02	111.81	108.79	116.31	113.62	109.97	107.14	108.91	111.46	107.69	106.53	111.34	106.1
MW-30	427836.7	1320483.2	142.4	108.15	109.26	113.40	111.39	108.16	115.55	113.01	109.45	106.59	107.89	110.72	106.98	106.86	110.49	105.66
MW-31	427715.8	1320294	140.95	108.05	109.05	113.10	111.16	108.03	115.18	112.85	109.3	106.5	108.54	110.46	106.95	106.71	110.4	105.4
MW-32	427493.5	1320670.2	145.01	109.54	111.16	115.09	112.69	109.58	120.1	114.31	110.76	108.01	110.01	112.37	108.35	108.36	112.24	106.91
MW-33	427577.4	1320602	143.46	109.13	110.67	114.61	112.34	109.21	116.95	114.01	110.45	107.69	109.46	111.86	107.94	108.01	111.78	106.51
MW-34	427647.7	1320498.6	142.6	108.62	110.14	113.94	111.75	108.7	116.3	113.6	109.95	107.15	108.87	111.29	107.66	106.49	111.29	105.96
MW-35	427726.8	1320608.7	143.89	108.76	110.27	114.24	111.90	108.89	116.6	113.74	110.03	107.32	109.46	111.42	107.64	107.49	111.44	106.19
MW-36	427676.1	1320399.4	141.15	108.24	109.34	113.50	111.40	108.22	115.65	113.15	109.58	106.84	108.43	110.84	107.35	107.25	111.15	105.77
MW-37	427969.4	1320251.9	141.96	107.14	108.01	112.05	110.35	107.16	114.04	111.95	108.21	105.56	107.02	109.46	105.92	105.16	109.36	104.62
MW-38	427653.6	1320491.4	143.28	108.58	110.03	113.87	111.77	108.69	116.13	113.46	109.92	107.12	108.86	111.28	107.58	107.63	111.28	106.08
MW-39	427993.1	1320148.9	142.40	106.62	107.41	111.44	109.72	106.6	113.31	111.3	107.85	105.07	106.55	96.94	105.44	105.26	108.7	103.97
MW-40	427859.5	1320316.6	142.1	107.13	108.13	112.33	110.22	107	114.13	111.86	108.63	105.62	107.1	109.54	105.94	105.86	109.4	105.24
MW-41	427968.1	1320255	141.47	106.81	107.65	111.71	109.93	106.81	113.62	111.55	108.09	105.26	106.68	109.2	105.66	105.46	108.95	103.45
MW-42	428319.7	1320080.9	142.68	105.18	105.78	109.87	108.23	105.13	111.72	109.84	106.35	103.68	104.93	107.35	103.83	103.8	107.04	102.58
MW-43	428757.5	1319841.1	141.51	102.54	102.83	106.76	105.50	102.52	108.11	106.86	103.77	101.01	101.96	104.32	101.25	101.11	103.86	99.96

Table 2-2. Groundwater Elevation Summary: 2008-2016
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Well ID	Northing	Easting	Top of Casing Elevation (ft, NAVD88)	Groundwater Elevations (ft, NAVD88)			
				12/7/2015[14]	2/29/2016[14]	6/6/2016[15]	9/26/2016
BXS-1	427577	1320372.8	142.65	106.45	113.75	112.15	107.45
BXS-2	427429.1	1320176.6	142.89	108.19	115.69	114.39	109.79
BXS-3	427202.9	1320143.8	142.07	113.54	119.57	117.77	112.17
BXS-4	426556.4	1320865.9	143.42	129.76	133.27	130.22	128.02
MW-1	427352.2	1320826.9	147.44	124.44	119.73	122.87	119.06
MW-2	428166.9	1320647.4	145.96	104.16	112.36	110.36	105.46
MW-3	427560.7	1320596.2	146.13	107.23	114.63	112.73	107.93
MW-4	425935.6	1321013.3	145.02	135.01	135.17	132.87	131.92
HCMW-5	427010.1	1320692.3	143.75	NM	NM	NM	NM
HCMW-6	427887.2	1320815.7	146.36	NM	NM	NM	NM
HCMW-7	428230.4	1320337.6	144.73	103.64	110.73	109.18	104.56
MW-10	427175.1	1320566	144.99	NM	NM	119.64	113.55
MW-11	427398.1	1321001	146.06	146.06	146.06	146.06	146.06
MW-14	425602.6	1320388.9	141.70	120.03	126.06	121.87	116.33
MW-15	427860	1320310.6	142.22	105.37	112.72	111.12	105.72
MW-16	428006.8	1320325.6	142.91	104.71	111.91	110.71	106.01
MW-17	427863.6	1320173.9	144.85	105.05	112.2	111.05	106.45
MW-18	428312.7	1320075.7	142.45	102.98	109.8	108.85	104.35
MW-22	427395.3	1320573.5	142.75	110.53	117.58	115.38	111.1
MW-23	427500	1320578.2	143.18	109	115.7	113.96	109.67
MW-24	427563.9	1320645.1	144.13	107.44	114.8	112.71	108.03
MW-25	427492.9	1320682	144.98	113.72	118.81	116.54	113.6
MW-26	427601	1320773	144.75	107.98	115.35	112.94	108.28
MW-27	427677.9	1320702.8	144.31	107.45	114.96	112.72	107.99
MW-28	427502.3	1320488.8	142.77	108.02	115.05	113.31	108.66
MW-29	427637.7	1320503	142.61	106.66	113.97	112.21	107.46
MW-30	427836.7	1320483.2	142.4	105.98	109.55	111.51	106.98
MW-31	427715.8	1320294	140.95	105.74	112.83	111.6	106.95
MW-32	427493.5	1320670.2	145.01	107.9	115.15	113.1	108.44
MW-33	427577.4	1320602	143.46	107.25	114.65	112.62	107.91
MW-34	427647.7	1320498.6	142.6	106.6	113.9	112.09	107.42
MW-35	427726.8	1320608.7	143.89	106.89	114.39	112.49	107.59
MW-36	427676.1	1320399.4	141.15	106.25	113.5	111.95	106.65
MW-37	427969.4	1320251.9	141.96	104.86	106.96	120.76	106.16
MW-38	427653.6	1320491.4	143.28	106.55	113.86	112.06	107.38
MW-39	427993.1	1320148.9	142.40	104.18	111.13	109.89	105.44
MW-40	427859.5	1320316.6	142.1	104.43	112.77	111.25	106.62
MW-41	427968.1	1320255	141.47	104.93	110.72	109.51	104.93
MW-42	428319.7	1320080.9	142.68	102.78	109.57	108.56	104.08
MW-43	428757.5	1319841.1	141.51	99.96	106.26	105.77	101.52

Notes

feet = feet.

NM = not measured; BSX-1 not measured when groundwater is below the dedicated pump.

NA = not applicable; MW-38 through MW-42 were installed in July 2010 and MW-43 was installed in October 2010.

NAVD88 = North American Vertical Datum of 1988.

-- = data not reported or elevation inconsistent with historical groundwater elevation

[1] Baseline measurement.

[2] Elevations indicated for MW-23 and MW-37 on 1/28/2008 were raised by 1 foot from values recorded in the field due to suspected error in field recording.

[3] Measurements obtained hourly on 1/31/2008; only the initial and last elevations are shown.

[4] Elevations indicated for MW-37 on 2/8/2008 were raised by 1 foot from values recorded in the field because of suspected error in field recording.

[5] Elevations indicated for MW-22 and MW-25 on 7/28/2008 were raised by 5 feet from values recorded in the field because of suspected error in field recording.

[6] Groundwater elevation in MW-27 on 1/6/2009 not measured because of high surface water conditions surounding the well.

[7] Elevation indicated for MW-23 on 2/8/10 was raised by 3 feet from value recorded in the field because of suspected error in field recording.

[8] Measurement not obtained at HC-MW5 on 3/23/2010 and 4/28/2010 because of damaged well monument lid.

[9] Elevation indicated for MW-16 and MW-31 on 3/23/10 was raised by 2 feet from value recorded in the field because of suspected error in field recording.

[10] Elevation indicated for MW-15 on 4/28/2010 was raised by 1 foot from field recordings because of suspected error.

[11] Elevation indicated for MW-26 was measured on 5/25/10. All groundwater elevations were measured within a 24-hour period.

[12] Elevation indicated for MW-15 on 5/15/2015 was estimated because of suspect field measurement; it was calculated using the average elevation difference between MW-15 and MW-40 for the Third Quarter 2010 through First Quarter 2011, and adding the difference to the Second Quarter 2011 groundwater elevation at MW-40.

[13] Elevation indicated for MW-15 on 11/1/2011 was raised by 1 foot from field recordings because of suspected error.

[14] Depth to water at MW-10 not measured in Fourth Quarter 2015 and First Quarter 2016.

[15] Suspect measurement at MW-37 in Second Quarter 2016.

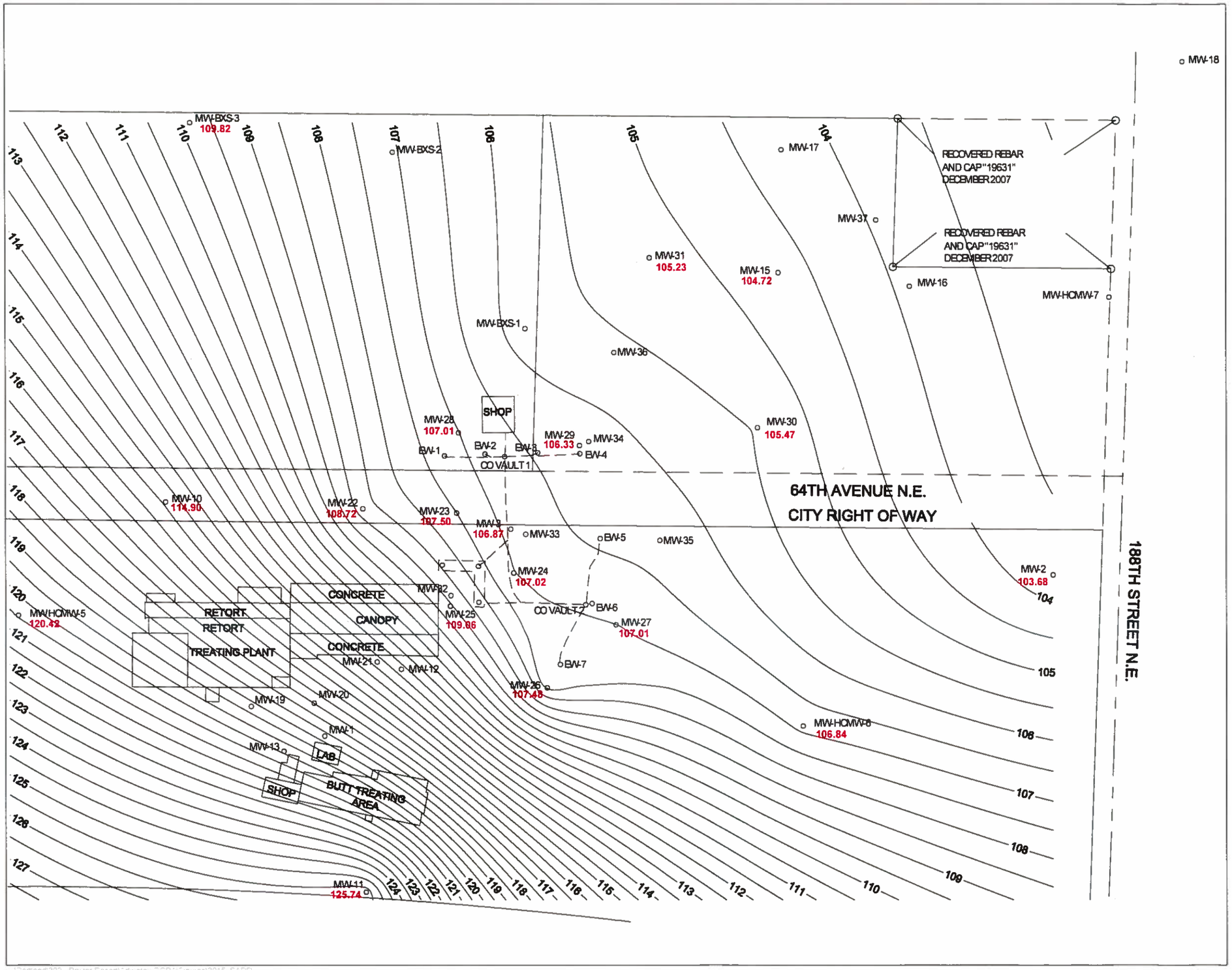


FIGURE 2-1

Groundwater Elevation Contour Map: Baseline Elevations, January 28, 2008

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

LEGEND

- MW-15 / 104.72 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 106 — Groundwater Elevation Contour (ft.)

NOTES:

1. All elevations exist in the North American Vertical Datum of 1988.
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Elevation at MW-23 on 1/28/08 was raised by 1 ft. due to suspected error in field recording.

N

0 50 100 150
Feet

MAP NOTES:
Date: December 17, 2015
Data Sources: Geomatrix, Figure 3, April 2014

GSI Water Solutions, Inc.

\\Portland\302 - Baxter Resort\Arlington RCRA\Figures\2015_SADD

FIGURE 2-2

Groundwater Elevation Contour Map: Third Quarter 2016

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

LEGEND

- Groundwater Elevation Contours (dashed where inferred)
- Shallow Monitoring Well (September 2016 Groundwater Elevation)
- Intermediate Monitoring Well (September 2016 Groundwater Elevation)
- Extraction Well
- Infiltration Trench
- Infiltration Gallery Piping

NOTES:

1. All elevations exist in NAVD88.
2. Extraction wells are pumping while water level measurements are collected.
3. Intermediate wells not used for contouring.
4. NM = not measured.

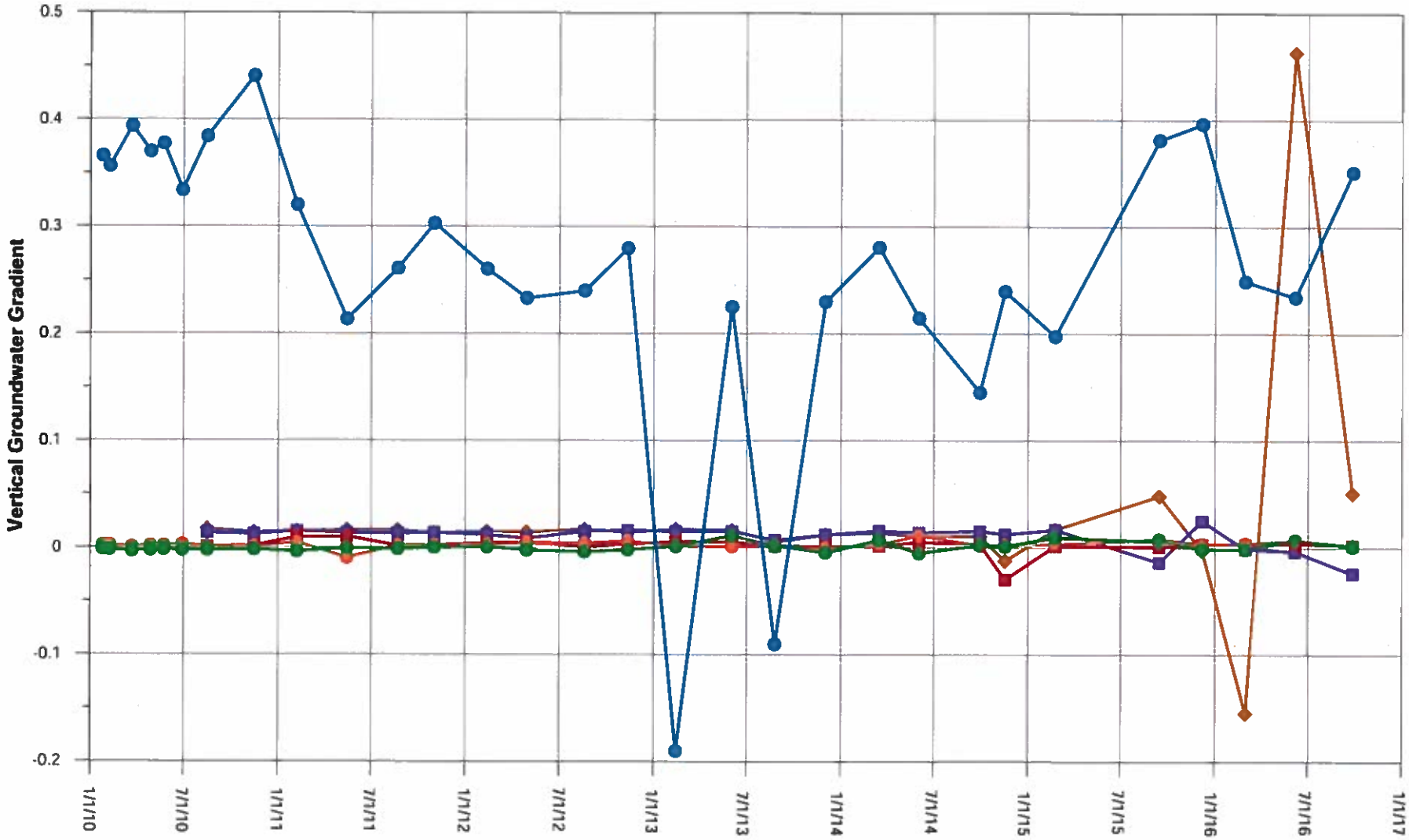
N

0 65 130 195
Feet

Date: December 15, 2016
Data Sources: AMEC, ESRI, Air photo taken on May 2, 2015 by Google Earth

GSI Water Solutions, Inc.

Document Path: P:\Portland\302 - Baxter\GIS\Arlington_RCRA\Project_mxds\2016_SADD\Figure2-2_GW_Elev_3Q_2016.mxd



Legend:

- MW-25/MW-32, Shallow to Intermediate Zone
- MW-3/MW-33, Shallow to Intermediate Zone
- MW-29/MW-34, Shallow to Intermediate Zone
- MW-29/MW-38, Shallow to Deep Zone
- MW-15/MW-40, Shallow to Deep Zone
- MW-37/MW-41, Intermediate to Deep Zone

Notes:

Vertical groundwater gradients are dimensionless.
Positive values indicate a downward flow direction, while negative values indicate an upward flow direction.
In the vicinity of MW-25 and MW-32, a silt layer is approximately 20' below ground surface, and could account for larger vertical gradient.
1Q 2013 and 3Q 2013, the MW-25/MW-32 vertical gradient shifted from a downward gradient to upward gradient. The associated O&M reports cited numerous high level alarm errors during the 1Q 2013 period that shut the extraction system down, and possible human error as reasons for the change.
Suspect measurement at MW-37 in 2Q 2016.

FIGURE 2-3
Vertical Groundwater Gradient Trends
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

GSI Water Solutions, Inc.

3. Arlington Site Data from Soil, Sediment, and Catch Basins

Table 3-1. Site Investigation Data: Surface Soil

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SS01	SS01	SS02	SS02	SS03	SS03	SS04	SS04	SS05	SS05	SS06	SS06	SS07	SS07	SS08	SS08	SS09	SS09	SS10	SS10	SS11	SS11	SS11	SS12
	Sample ID	SO001	SO002	SO003	SO004	SO024	SO025	SO045	SO046	SO039	SO040	SO041	SO042	SO043	SO044	SO026	SO027	SO037	SO038	SO452	SO453	SO030	SO031	SO032	SO033
	Date	8/7/2002	8/7/2002	8/7/2002	8/7/2002	8/9/2002	8/9/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/9/2002	8/9/2002	8/12/2002	8/12/2002	10/10/2002	10/10/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002
	Depth (inches)	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	0 - 2	6 - 18	0 - 2
Analyte	Unit																						Field dup		
Conventionals																									
Carbon, Total Organic (TOC)	%										0.53			0.3								1.04	1.01		
pH	--										5.88			8.08								5.74	5.83		
Solids, Total	%	96.4	90.5	96.9	85	92.6	88.4	97.8	96.4	98	95.2	97.5	93.2	96.6	94.9	96	94.4	90	87.8	95.5	95.1	89.6	90	87.2	99.2
Phenols																									
3,4-Dichlorophenol	µg/kg	21 U	2.3 U	2.1 U	2.4 U	22 U	2.3 U	21 U	2.1 U	210 U	2.2 U	16 UJ	2.2 U	2.1 U	8.8 UJ	21 U	22 U	230 U	23 U	21 U	22 U	23 U	23 U	23 U	21 U
3,5-Dichlorophenol	µg/kg	32 U	3.4 U	3.1 U	3.6 U	33 U	3.4 U	31 U	3.2 U	310 U	3.2 U	3.1 U	3.3 U	3.2 U	3.2 U	32 U	32 U	340 U	35 U	32 U	32 U	34 U	34 U	35 U	31 U
2,4,5-Trichlorophenol	µg/kg	52 U	5.6 U	5.2 U	5.9 U	54 U	5.7 U	52 U	5.2 U	520 U	5.3 U	5.2 U	5.4 U	5.2 U	5.3 U	53 U	53 U	560 U	57 U	53 U	53 U	56 U	56 U	58 U	51 U
2,4,6-Trichlorophenol	µg/kg	7.3 UJ	0.78 UJ	0.73 UJ	0.83 UJ	7.6 U	0.8 U	7.2 U	0.73 U	72 U	0.74 U	0.72 U	0.76 U	0.73 U	0.74 U	7.3 U	7.5 U	78 U	8 U	7.4 UJ	7.4 UJ	7.9 U	7.8 U	8.1 U	7.1 U
Tetrachlorophenols, Total	µg/kg	74 U	7.9 U	7.3 U	8.4 U	77 U	8 U	72 U	7.4 U	720 U	7.5 U	9 J	7.6 U	7.4 U	7.5 U	74 U	75 U	790 U	81 U	74 U	130 J	79 U	79 U	81 U	72 U
Pentachlorophenol (PCP)	µg/kg	430	89	100	18	840 PD	95	790	65	4700	140	260	34	140	62	840	490	10000	740	300	2000	1100	1100	1100	760
TPH																									
Diesel Range Organics (DRO)	µg/kg	120000 H	45000 H	73000 H	24000 J	200000 Y	59000 H	74000 Y	23000 J	85000 Y	48000 Y	57000 Y	19000 J	26000 J	19000 J	190000 Y	74000 Y	480000 Y	26000 J	42000 Y	2100000 F	72000 H	70000 H	180000 H	67000 H
Residual Range Organics (RRO)	µg/kg	870000 O	320000 O	320000 O	110000 J	590000 O	290000 O	250000 O	78000 J	300000 O	230000 O	280000 O	49000 J	140000 O	56000 J	450000 O	230000 O	1300000 O	85000 J	190000 O	1500000 O	400000 O	380000 O	970000 O	470000 O
PAHs																									
2-Methylnaphthalene	µg/kg				2.2 J				1 J		2.2 J		0.74 J		0.87 J										
Acenaphthene	µg/kg				0.25 U				0.22 U		0.23 U		0.23 U		0.23 U										
Acenaphthylene	µg/kg				0.66 J				0.17 U		0.34 J		0.18 U		0.34 J										
Anthracene	µg/kg				1.6 J				0.52 J		1.4 J		0.21 U		0.49 J										
Benz(a)anthracene	µg/kg				2.8 J				1.1 J		3.9 J		0.23 J		2 J										
Benzo(a)pyrene	µg/kg				4.5 J				1.9 J		8		0.59 J		3.4 J										
Benzo(b)fluoranthene	µg/kg				5.5 J				2.9 J		6.4		0.83 J		6.3										
Benzo(g,h,i)perylene	µg/kg				9.3				5.4		24		1.2 J		4.7 J										
Benzo(k)fluoranthene	µg/kg				4.9 J				1.7 J		1.9 J		0.27 J		4.4 J										
Chrysene	µg/kg				7.6				5.8		17		1.1 J		6.2										
Dibenz(a,h)anthracene	µg/kg				1.4 J				1.1 J		5 J		0.29 J		0.93 J										
Fluoranthene	µg/kg				6.1				2.1 J		3.3 J		0.52 J		2.8 J										
Fluorene	µg/kg				0.2 U				0.24 J		0.4 J		0.19 U		0.18 U										
Indeno(1,2,3-cd)pyrene	µg/kg				6.5				2.9 J		6.7		0.75 J		4.9 J										
Naphthalene	µg/kg				7.2				0.48 J		0.83 J		0.37 J		0.76 J										
Phenanthrene	µg/kg				7.1				1.4 J		4.3 J		0.82 J		1.8 J										
Pyrene	µg/kg				6.5				2.8 J		12		0.89 J		3.6 J										
Total PAHs (calculated)	µg/kg				71.66				30.34		95.47		7.86		42.62										
Other SVOCs																									
1,2,4-Trimethylbenzene	µg/kg																								
1,3,5-Trimethylbenzene	µg/kg																								
VOCs																									
Benzene	µg/kg																								
Dioxins and Furans																									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g						1.044												0.348 U			5.69	5.223		
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g						16.668												10.317			106.21	96.435		
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						57.059												35.778			310.52	255.36		
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						203.36												114.02			834.87	758.52		
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						127.79												71.671			607.6	529.73		
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g						5871.8												3343.6			23180	22225		
Octachlorodibenzo-p-dioxin (OCDD)	pg/g						52008 B												39274 B			209171 B	200004 B		
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g						5.526 J												1.356 CK			6.929 C	5.423 C		
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						14.582												4.35 J			23.845	19.47		
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						17.206												3.119 J			22.769	19.235		
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						65.439												26.287			167.19	136.35		
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						27.526												25.298			95.265	88.069		
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g						24.404												4.136 U			30.399 U	3.723 J		
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						40.173												25.934			208.77	177.22		
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g						480.78												650.54			3980.7	3872.3		
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g						33.478												58.104			283.89	259.14		
Octachlorodibenzofuran (OCDF)	pg/g						1076.8												3738.7			24083	22638		
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g						24.313												4.283			37.015	27.638		
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g						109.4												37.087			417.64	384.7		
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g						1102												620.58			5049.6	4316.2		
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g						11007												5860.2			41930	40361		
Tetrachlorodibenzofurans (TCDF), Total	pg/g						36.359												11.656			122.01	117.2		
Pentachlorodibenzofurans (PeCDF), Total	pg/g						297.94												137.43			1112	1073.6		
Hexachlorodibenzofurans (HxCDF), Total	pg/g						672.38												470.01			3804.5	5065.2		
Heptachlorodibenzofurans (HpCDF), Total	pg/g						1769.8												2965.1			15952	15857		
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g						150.79												85.175			645.36	593.15		

Table 3-1. Site Investigation Data: Surface Soil

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SS12	SS13	SS13	SS14	SS14	SS15	SS15	SS16	SS16	SS17	SS17	SS17	SS18A	SS18A	SS18B	SS18C	SS19	SS19	SS20	SS20	SS21	SS21	SS22	SS22
	Sample ID	SO034	SO035	SO036	SO028	SO029	SO015	SO016	SO022	SO023	SO017	SO018	SO019	SO020	SO021	SO450	SO451	SO013	SO014	SO011	SO012	SO009	SO010	SO007	SO008
	Date	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	9/26/2002	9/26/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/9/2002
	Depth (inches)	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	6 - 18	0 - 2	6 - 18	6 - 18	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18
Analyte	**Unit**												Field dup												
Conventionals																									
Carbon, Total Organic (TOC)	%						0.37								0.48						0.19				
pH	--						7.1								6.85						7.03				
Solids, Total	%	97.7	98	95.9	98.1	96.4	96.7	90.8	97.4	94.7	88.2	94.6	94.4	88.3	94.8	95.5	96.2	93.3	90.2	89.5	94.4	86.3	90.7	94.2	96.6
Phenols																									
3,4-Dichlorophenol	µg/kg	2.1 U	21 U	25 UJ	21 U	2.1 U	2.1 U	2.3 U	21 U	2.2 U	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U			2.2 U	2.3 U	23 U	2.2 U	2.4 U	2.3 U	2.2 U	2.1 U
3,5-Dichlorophenol	µg/kg	3.1 U	31 U	3.2 U	31 U	3.2 U	3.2 U	3.4 U	31 U	3.2 U	3.5 U	3.2 U	3.2 U	3.4 U	3.2 U			3.3 U	3.4 U	34 U	3.2 U	3.5 U	3.4 U	3.2 U	3.2 U
2,4,5-Trichlorophenol	µg/kg	5.2 U	52 U	5.3 U	51 U	5.2 U	5.2 U	5.6 U	52 U	5.3 U	5.7 U	5.3 U	5.3 U	5.7 U	5.3 U			5.4 U	5.6 U	56 U	5.3 U	5.8 U	5.6 U	5.4 U	5.2 U
2,4,6-Trichlorophenol	µg/kg	0.72 U	7.2 U	0.73 U	7.2 U	0.73 U	0.73 UJ	0.78 UJ	7.2 U	0.74 U	0.8 UJ	0.74 UJ	0.75 UJ	0.8 UJ	0.74 U			0.76 UJ	0.78 UJ	7.9 UJ	0.75 UJ	0.82 UJ	0.78 UJ	0.75 UJ	0.73 UJ
Tetrachlorophenols, Total	µg/kg	7.2 U	72 U	7.4 U	72 U	7.4 U	9.4 J	7.9 U	73 U	7.5 U	8.1 U	7.5 U	7.5 U	56	7.5 U			7.6 U	7.9 U	79 U	7.5 U	31	7.9 U	8.2 J	7.4 U
Pentachlorophenol (PCP)	µg/kg	46	390	140	990	130	47	5.2 J	410 J	73	62	4.1 J	4.8 J	82	11			120	6.3	480	8.8	100	32	53	12
TPH																									
Diesel Range Organics (DRO)	µg/kg	10000 J	41000 Y	32000 Y	300000 Y	60000 Y	33000 H	17000 U	36000 H	22000 J	13000 U	6300 U	4500 U	140000 Z	22000 J			22000 J	7500 U	140000 H	7800 U	100000 Z	9300 U	55000 H	11000 U
Residual Range Organics (RRO)	µg/kg	67000 J	200000 O	80000 J	730000 O	180000 O	270000 O	79000 J	190000 O	90000 J	120000 O	24000 U	19000 U	630000 Z	100000 J			140000 O	21000 U	1200000 O	52000 J	520000 Z	27000 U	260000 O	57000 J
PAHs																									
2-Methylnaphthalene	µg/kg	0.42 J				1.1 J						0.23 U	0.23 U		0.56 J	0.32 J	0.22 U						0.24 U		
Acenaphthene	µg/kg	0.22 U				0.22 U						0.23 U	0.23 U		0.23 U	0.22 U	0.22 U						0.24 U		
Acenaphthylene	µg/kg	0.17 U				0.63 J						0.17 J	0.17 U		14	0.17 U	0.17 U						0.18 U		
Anthracene	µg/kg	0.39 J				2.3 J						0.26 J	0.28 J		26	0.23 J	0.2 U						0.21 U		
Benz(a)anthracene	µg/kg	0.35 J				8.3						0.37 J	0.42 J		65	1.2 J	0.25 J						0.15 U		
Benzo(a)pyrene	µg/kg	0.39 J				17						0.52 J	0.67 J		130	1.4 J	0.15 U						0.16 U		
Benzo(b)fluoranthene	µg/kg	0.92 J				19						1.1 J	1.4 J		240	4.1 J	0.31 J						0.28 J		
Benzo(g,h,i)perylene	µg/kg	1.1 J				18						0.84 J	1.1 J		110	2.3 J	0.33 J						0.99 J		
Benzo(k)fluoranthene	µg/kg	0.59 J				13						1.2 J	1.6 J		170	1.4 J	0.18 J						0.18 J		
Chrysene	µg/kg	1.5 J				49						1.5 J	1.8 J		120	6.3	0.63 J						0.56 J		
Dibenz(a,h)anthracene	µg/kg	0.19 U				4.8 J						0.21 J	0.33 J		22	0.4 J	0.19 U						0.2 U		
Fluoranthene	µg/kg	0.82 J				18						1 J	1.3 J		9.2	4.2 J	0.59 J						0.58 J		
Fluorene	µg/kg	0.18 U				0.28 J						0.18 U	0.19 U		0.18 U	0.18 U	0.18 U						0.19 U		
Indeno(1,2,3-cd)pyrene	µg/kg	1.2 J				10						0.79 J	0.84 J		120 J	2.2 J	0.2 J						0.26 J		
Naphthalene	µg/kg	0.28 J				0.46 J						0.23 U	0.23 U		0.43 J	0.29 J	0.22 U						0.24 U		
Phenanthrene	µg/kg	0.7 J				3.9 J						0.31 J	0.37 J		1.8 J	1.8 J	0.54 J						0.3 J		
Pyrene	µg/kg	1.6 J				30						1.2 J	1.4 J		15	5.4	0.59 J						0.44 J		
Total PAHs (calculated)	µg/kg	9.84				194.67						9.47	11.51		1043.43	31.22	3.62						3.59		
Other SVOCs																									
1,2,4-Trimethylbenzene	µg/kg																								
1,3,5-Trimethylbenzene	µg/kg																								
VOCs																									
Benzene	µg/kg																								
Dioxins and Furans																									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g									0.859 J												0.936 J			
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g									14.937												13.756			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									43.814												32.176			
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									184.03												375.9			
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									89.133												82.981			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g									4384.5												2655			
Octachlorodibenzo-p-dioxin (OCDD)	pg/g									37405 B												22119 B			
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g									1.983 J												5.294 C			
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									5.108												14.276			
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									4.776												10.785			
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									18.341												34.969			
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									13.27												18.066			
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g									9.29												13.687			
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									26.126												35.206			
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g									429.56												602.28			
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g									23.904												24.742			
Octachlorodibenzofuran (OCDF)	pg/g									1410.7												1845.3			
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g									2.262												5.141			
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g									50.042												53.182			
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g									823.02												1163.3			
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g									8043.5												5028.6			
Tetrachlorodibenzofurans (TCDF), Total	pg/g									13.322												29.319			
Pentachlorodibenzofurans (PeCDF), Total	pg/g									164.05												293.03			
Hexachlorodibenzofurans (HxCDF), Total	pg/g									399.81												673.88			
Heptachlorodibenzofurans (HpCDF), Total	pg/g									1633.1												2596.4			
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g									108.24												114.91			

Table 3-1. Site Investigation Data: Surface Soil

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SS23	SS23	SS24	SS24	SS25	SS100	SS101	SS102	SS103	SS104	SS105	SS106	SS106	SS107	SS108	SS109	SS110	SS111	SS112	SS113	SS114	SS115	SS116	SS117
	Sample ID	SO005	SO006	SO448	SO449	SO4009	SO1000	SO1001	SO1002	SO1003	SO1004	SO1005	SO1006	SO1007	SO1008	SO1009	SO1010	SO1011	SO1012	SO1013	SO1014	SO1015	SO1016	SO1017	SO1018
	Date	8/9/2002	8/9/2002	9/19/2002	9/19/2002	9/30/2003	8/9/2002	8/9/2002	8/9/2002	8/9/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002
	Depth (inches)	0 - 2	6 - 18	0 - 2	6 - 18	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6
Analyte	Unit													Field dup											
Conventionals																									
Carbon, Total Organic (TOC)	%																								
pH	--																								
Solids, Total	%	93.3	91.8	96.5	95.9	95.6	86.8	85.4	88.4	92.8	67	80.6	92.2	92.7	97.8	89.2	80	85.7	86.2	88.4	84.3	93.7	94.7	96.8	94.4
Phenols																									
3,4-Dichlorophenol	µg/kg	2.2 U	2.2 U	21 U	21 U	21 U	2.4 U	2.4 U	2.3 U	2.2 U	3 U	2.5 U	2.2 U	2.2 U	2.1 U	2.3 U	2.5 U	5.3 UJ	11 UJ	2.3 U	3.6 UJ	2.2 U	2.2 U	2.1 U	6.8 UJ
3,5-Dichlorophenol	µg/kg	3.3 U	3.3 U	32 U	32 U	32 U	3.5 U	3.6 U	3.4 U	3.3 U	4.5 U	3.8 U	3.3 U	3.3 U	3.1 U	3.4 U	3.8 U	3.6 U	3.5 U	3.4 U	3.6 U	3.3 U	3.2 U	3.1 U	3.2 U
2,4,5-Trichlorophenol	µg/kg	5.4 U	5.5 U	52 U	53 U	53 UJ	5.8 U	5.9 U	5.7 U	5.4 U	7.5 U	6.3 U	5.5 U	5.4 U	5.2 U	5.7 U	6.3 U	5.9 U	5.9 U	5.7 U	6 U	5.4 U	5.3 U	5.2 U	5.3 U
2,4,6-Trichlorophenol	µg/kg	0.76 UJ	0.77 UJ	7.3 U	7.3 U	7.4 UJ	0.81 U	0.82 U	0.8 U	0.76 U	1.1 U	0.87 U	0.76 U	0.79 UJ	0.72 U	0.79 U	1.5 UJ	0.82 U	0.82 U	0.8 U	0.84 U	0.75 U	0.74 U	0.73 U	0.75 U
Tetrachlorophenols, Total	µg/kg	7.6 U	7.7 U	74 U	74 U	74 U	8.2 U	8.3 U	8 U	7.7 U	11 U	8.8 U	7.7 U	7.7 U	7.2 U	7.9 U	8.8 U	8.3 U	8.2 U	8 U	8.4 U	7.6 U	7.5 U	7.3 U	7.5 U
Pentachlorophenol (PCP)	µg/kg	51	5 J	230	560	1900	2.4 U	4.3 J	2.3 U	2.2 U	22	2.5 U	2.8 J	5.4 UJ	5.4 J	2.3 U	2.5 U	2.4 U	2.4 U	2.3 U	2.4 U	2.2 U	2.2 U	2.1 U	2.2 U
TPH																									
Diesel Range Organics (DRO)	µg/kg	8100 U	4600 U	35000 H	73000 H	58000 Y	13000 J	48000 Z	110000 Z	22000 J	65000 H	63000 H	62000 Z	56000 Z	5900 J	7200 J	87000 Z	5600 J	9200 J	6300 J	5300 J	15000 J	15000 J	6500 J	8400 J
Residual Range Organics (RRO)	µg/kg	21000 U	8600 U	170000 O	270000 O	230000 O	81000 J	260000 JZ	390000 Z	160000 Z	620000 O	690000 O	320000 Z	300000 Z	62000 J	81000 J	270000 Z	77000 J	85000 J	73000 J	85000 J	160000 O	100000 J	77000 J	69000 J
PAHs																									
2-Methylnaphthalene	µg/kg				4.6 J	4.9	0.48 J	0.8 J	1.6 J	2.1 J	2.9 J	2.3 J	3.3 J	2.7 J	0.59 J	0.41 J	1.1 J	2.7 J	0.72 J	0.72 J	1.8 J	1.2 J	1.1 J	3.9 J	0.24 J
Acenaphthene	µg/kg				0.38 J	0.23 J	0.25 U	0.25 U	0.24 U	0.23 U	0.54 J	0.27 U	1.2 J	0.93 J	0.24 J	0.24 U	0.27 U	0.4 J	0.25 U	0.24 U	0.25 U	0.23 U	0.23 U	0.22 U	0.23 U
Acenaphthylene	µg/kg				0.32 J	0.42 J	0.19 U	0.19 U	0.47 J	0.43 J	3.3 J	0.27 J	0.99 J	0.97 J	0.17 U	0.32 J	0.65 J	7.5	1.3 J	1.1 J	0.19 U	0.38 J	0.36 J	0.26 J	0.17 U
Anthracene	µg/kg				3 J	2.5 J	0.43 J	0.38 J	0.81 J	0.95 J	2.8 J	0.32 J	2.8 J	1.8 J	0.2 U	1 J	0.56 J	7.4	0.79 J	1.5 J	0.24 J	0.4 J	0.51 J	0.42 J	0.21 U
Benz(a)anthracene	µg/kg				5.9	5.4	1 J	1.1 J	2.9 J	3.3 J	15	2.4 J	6.5	6.6	1 J	5.7	2.6 J	30	5 J	5.7	2.3 J	2.3 J	2.5 J	1.5 J	0.5 J
Benzo(a)pyrene	µg/kg				9.8	6.3	0.94 J	0.87 J	3.8 J	4.6 J	26	4.9 J	8.5	8.3	0.95 J	5.4 J	3.8 J	37	6.4	7.9	1.9 J	3.3 J	3 J	2 J	0.71 J
Benzo(b)fluoranthene	µg/kg				21	11	6.2	1.7 J	10	7.2	54	8.3	12	13	1.9 J	6.3	5.8 J	32	6.4	9.6	3.7 J	7.7	5.6	4.3 J	1.8 J
Benzo(g,h,i)perylene	µg/kg				25	12	3 J	1.8 J	6.5	7.1	35	9.9	12	13	2.2 J	4.8 J	7.3	31	5.4 J	8.8	2.1 J	7.1	4.5 J	3.6 J	1.4 J
Benzo(k)fluoranthene	µg/kg				7.7	7.6	0.18 U	2 J	7	4.4 J	38	2.2 J	11	10	1.5 J	5.4 J	4.4 J	34	7.2	9.4	2.1 J	4.6 J	3.7 J	2.3 J	0.81 J
Chrysene	µg/kg				16	13	3.2 J	3.4 J	10	8.5	54	11	15	15	2.3 J	7.8	6.1 J	54	10	13	4.6 J	7.5	6.7	4.5 J	1.4 J
Dibenz(a,h)anthracene	µg/kg				2.8 J	1.9 J	0.43 J	0.22 U	1.2 J	0.88 J	7.2 J	2.5 J	1.7 J	2.1 J	0.33 J	0.76 J	0.71 J	4.4 J	0.88 J	0.99 J	0.36 J	0.9 J	0.74 J	0.45 J	0.2 U
Fluoranthene	µg/kg				13	11	3.8 J	4 J	9.6	9.3	29	2.7 J	26	22	2.7 J	12	8.5	110	11	18	3.9 J	6.9	9.3	4.9 J	1.9 J
Fluorene	µg/kg				0.51 J	1.1 J	0.28 J	0.28 J	0.25 J	0.43 J	2 J	0.23 J	1.8 J	1.3 J	0.21 J	0.31 J	0.24 J	2.9 J	0.23 J	0.46 J	0.33 J	0.19 U	0.26 J	0.26 J	0.19 U
Indeno(1,2,3-cd)pyrene	µg/kg				21	11	3.4 J	1.5 J	7.8 J	7.2 J	33	2.7 J	9.9	11	1.5 J	4.5 J	6.8	35	6.3	9.4	2.2 J	6.7	4.3 J	3.3 J	1.4 J
Naphthalene	µg/kg				2.1 J	2.3 J	1.2 J	1.1 J	2.3 J	1.8 J	4.6 J	1.5 J	6.4	5.3 J	0.87 J	0.77 J	2.9 J	2.7 J	0.87 J	1.2 J	1.2 J	1.9 J	1.7 J	3.9 J	0.57 J
Phenanthrene	µg/kg				7	8.5	3.2 J	3 J	5.3 J	7.1	17	1.7 J	23	16	1.9 J	5.5 J	5.7 J	90	7	11	3.7 J	4.2 J	6.2	3.9 J	1.2 J
Pyrene	µg/kg				16	12	2.6 J	3.4 J	8.8	9.6	32	5.4 J	24	21	2.4 J	12	7.5	140	16	20	3.8 J	6.5	7.2	4.1 J	1.3 J
Total PAHs (calculated)	µg/kg				151.51	106.25	29.68	24.53	76.73	72.79	353.44	56.02	162.79	148.3	20	72.56	63.56	618.3	84.77	118.05	32.43	60.38	56.57	39.69	12.99
Other SVOCs																									
1,2,4-Trimethylbenzene	µg/kg																								
1,3,5-Trimethylbenzene	µg/kg																								
VOCs																									
Benzene	µg/kg																								
Dioxins and Furans																									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g			9.767			0.815 J	0.107 U	0.952 J	14.722	0.981 UJ	0.132 U	0.396 UJ	0.283 UJ	0.212 U	0.096 U	33.041	0.24 J	0.172 U	0.634 J	0.133 UJ	0.225 J	0.18 UJ	0.155 U	0.115 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g			130.68			0.705 J	1.375 J	2.872 J	0.8 J	3.984 J	0.283 UJ	1.371 J	1.204 J	0.321 U	0.104 U	1.149 J	0.523 UJ	0.372 UJ	0.692 J	0.324 UJ	0.937 J	0.533 UJ	0.913 J	0.163 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			247.52			1.094 J	1.041 J	4.026 J	1.051 J	7.801	0.17 U	2.299 J	2.342 J	0.546 UJ	0.39 J	1.612 J	0.946 J	0.702 J	1.26 J	0.55 J	1.983 J	0.79 J	0.292 U	0.254 UJ
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			574.38			2.567	30.813	22.107	3.213 J	52.998	0.956 J	8.959	6.856	2.104 J	1.144 J	5.513	2.651 J	3.064 J	2.914 J	4.39 J	5.85	1.682 J	4.789 J	0.662 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			522.59			2.906	7.896	11.201	3.012 J	26.552	0.178 U	6.498	5.638	1.034 UJ	1.127 J	4.983 J	2.286 J	2.304 J	3.142 J	1.961 J	5.302	1.965 J	2.671 J	0.646 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g			13448			36.244	176.28	309.37	55.183	1293.4	16.006	223.76	161.88	44.275	19.203	88.453	41.094	67.028	51.759	71.131	136.82	23.069	23.608	9.076
Octachlorodibenzo-p-dioxin (OCDD)	pg/g			116685			210.21 B	538.22 B	1810.9 B	548.8 B	10851 B	124.83 J	3365 B	2493.4 B	367.71 B	142.07 B	538.67 B	202.86 B	484.3 B	301.92 B	347.37 B	891.3 B	129.98 B	114.32 B	60.087 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g			1.032 C			3.505 J	2.904 J	1.031 UJ	2.137 J	2.464 C	0.594 UC	1.823 C	1.712 C	0.325 U	0.507 UJC	18.945 C	1.443 C	0.711 JC	0.591 UC	1 UC	0.631 UC	1.57 C	0.574 JC	0.309 UJC
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g			11.294			0.691 J	0.88 J	1.606 UJ	0.561 J	1.805 J	0.16 U	0.879 UJ	0.972 J	0.19 U	0.105 U	1.045 J	0.386 UJ	0.244 UJ	0.441 J	0.367 J	0.517 J	0.759 J	0.173 U	0.131 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g			13.011			0.901 J	1.302 J	1.85 J	1.079 J	2.3 J	0.159 U	1.599 J	1.413 J	0.175 U	0.503 J	1.836 J	1.379 J	0.426 UJ	0.722 UJ	0.447 UJ	1.125 J	1.206 J	0.163 U	0.128 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			76.472			1.532 J	2.7	3.696 J	1.512 J	6.547	0.483 J	2.523 J	2.24 J	0.358 U	0.641 J	2.797 J	1.216 J	0.888 J	1.171 J	1.587 J	1.642 J	1.108 UJ	0.86 J	0.359 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			69.136			0.669 J	2.062 J	3.812 J	1.003 J	4.79 J	0.276 J	1.426 J	1.24 J	0.367 U	0.364 J	1.284 J	1.539 J	0.444 UJ	0.692 J	0.691 J	1.207 J	0.739 J	0.415 J	0.162 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g			12.006 UJ			0.17 U	0.622 U	1.21 J	0.353 J	0.39 U	0.195 U	0.317 U	0.367 U	0.595 U	0.306 U	0.537 U	0.315 U	0.23 U	0.302 U	0.468 U	0.334 U	0.198 U	0.327 U	0.234 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			163.56			0.808 J	5.051	4.475 J	1.733 J	7.833	0.152 U	2.22 J	1.882 J	0.408 U	0.789 J	1.863 J	3.309 J	0.851 J	1.246 J	1.178 J	2.485 J	1.243 J	0.541 J	0.178 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g			3358.6			5.746	109.55	38.224	20.914	114.21	2.288 J	29.411	25.679	5.969	3.51 J	22.442	11.752	13.318	8.927	25.123	37.225	4.298 J	3.36 J	1.779 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g			125.7 J			0.383 U	2.492 J	2.088 J	0.931 J	6.964	0.802 U	2.282 J	1.563 J	1.035 U	0.518 U	0.853 UJ	0.453 UJ	0.486 U	0.557 U	1.08 U	1.936 J	0.458 U	0.463 U	0.342 U
Octachlorodibenzofuran (OCDF)	pg/g			14329 B			8.752	90.512	49.183	135.89	248.06	5.234 J	80.063	68.271	17.563	12.153	33.169	26.464	34.407	18.152	41.953	122.91	6.55	5.87	5.815 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g			38.819			6.622	0.555	8.337	20.125	12.823	2.249	11.526	11.109	0.772	1.299	51.161	4.977	3.451	7.208	1.47	6.939	6.5	2.857	0.851
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g			461.84			10.099	10.475	23.361	11.026	38.124	4.514	23.887	21.182	2.665	1.276	27.191	8.352	3.591	10.96	4.806	9.86	3.073	8.388	2.819
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g			3820.7			29.112	139.9	126.39	34.962	397.02	12.7	93.915	76.389	21.346	15.218	66.592	25.547	23.394	33.9	26.301	49.796	22.997	37.398	7.674
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g			25490			76.316	322.43	575.32	112.83	2459.2	36.103	539	375.58	95.643	42.577	178.01	76.34	120.36	103.03	121.9	238.79	50.367	50.148	19.645
Tetrachlorodibenzofurans (TCDF), Total	pg/g			122.17			17.577	13.025	22.306	42.136	34.951	6.03	28.693	26.124	0.325 U	6.786	189.89	31.722	2.466	10.087	4.821	22.619	24.926	6.973	1.7
Pentachlorodibenzofurans (PeCDF), Total	pg/g			1124.5			11.468	48.862	32.386	38.556	66.21	7.299	28.698	23.574	1.302	14.536	154.43	89.9	8.695	16.592	6.114	52.107	26.88	5.528	1.926
Hexachlorodibenzofurans (HxCDF), Total	pg/g			2753.4			9.412	191.35	83.232	27.232	150.21	5.59	40.215	34.849	5.934	10.409	24.535	48.572	15.684	16.461	34.956	44.148	13.982	7.254	1.453
Heptachlorodibenzofurans (HpCDF), Total	pg/g			10168			12.494	347.37	98.636	54.082	334.55	5.607	91.918	80.743	15.999	8.968	45.386	28.922	38.441	20.857	73.732	112.42	9.118	7.425	4.22
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g			494.15			0.9891	7.5672	6.9927	15.551	25.675	0.1601	4.6043	3.5523	0.541	0.2075	36.653	0.6957	0.8553	0.6389	1.0015	2.957	0.4013	0.2481	0.0968

Table 3-1. Site Investigation Data: Surface Soil

Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SS118		SS119		SS120		SS121		SS122		SS123		SS124	
	Sample ID	SO1019		SO1020		SO5000		SO5001		SO5002		SO5003		SO5004	
	Date	8/14/2002		8/14/2002		9/29/2003		9/29/2003		9/29/2003		9/29/2003		9/30/2003	
	Depth (inches)	0 - 6		0 - 6		0 - 2		0 - 2		0 - 2		0 - 2		0 - 2	
Analyte	**Unit**														
Conventionals															
Carbon, Total Organic (TOC)	%														
pH	--														
Solids, Total	%	96.1		95.3		96.4		90.7		89.3		86.6		89.3	
Phenols															
3,4-Dichlorophenol	µg/kg	2.1	U	2.1	U									2.3	U
3,5-Dichlorophenol	µg/kg	3.2	U	3.2	U									3.4	U
2,4,5-Trichlorophenol	µg/kg	5.3	U	5.3	U									5.6	UJ
2,4,6-Trichlorophenol	µg/kg	0.73	U	0.74	U									0.79	U
Tetrachlorophenols, Total	µg/kg	7.4	U	7.4	U									7.9	U
Pentachlorophenol (PCP)	µg/kg	2.8	J	2.1	U	12	J	13	J	100	J	180	J	23	
TPH															
Diesel Range Organics (DRO)	µg/kg	18000	J	4500	U										
Residual Range Organics (RRO)	µg/kg	200000	O	68000	J										
PAHs															
2-Methylnaphthalene	µg/kg	1.4	J	0.71	J	4.2	J	5.2		11		48		11	
Acenaphthene	µg/kg	0.3	J	5.7		4.8	U	5	U	5.5	U	0.25	U	0.4	J
Acenaphthylene	µg/kg	0.35	J	1.6	J	4.8	U	5	U	3.2	J	17		0.79	J
Anthracene	µg/kg	0.91	J	21		4.8	U	5	U	4.7	J	19		2.2	J
Benz(a)anthracene	µg/kg	3.6	J	59		4.8	U	5.2		15		32		4.1	J
Benzo(a)pyrene	µg/kg	4.7	J	59		4.8	U	5.5		14		41		5.9	
Benzo(b)fluoranthene	µg/kg	6.9		66		4.8	U	16		19		170		10	
Benzo(g,h,i)perylene	µg/kg	6.8		35		4.8	U	10		13		130		8.6	
Benzo(k)fluoranthene	µg/kg	4.7	J	60		4.8	U	13		14		89		8.7	
Chrysene	µg/kg	8.5		79		4.8	U	21		28		180		13	
Dibenz(a,h)anthracene	µg/kg	1.4	J	9.5		4.8	U	5	U	5.5	U	15		1.3	J
Fluoranthene	µg/kg	9.7		140		4.8	U	25		44		120		15	
Fluorene	µg/kg	0.45	J	6.6		4.8	U	5	U	5.5	U	4.7	J	1.2	J
Indeno(1,2,3-cd)pyrene	µg/kg	4.7	J	39		4.8	U	8.7		12		95		10	
Naphthalene	µg/kg	1.4	J	1.6	J	5.1		2.2	J	5.4	J	34		4.4	J
Phenanthrene	µg/kg	5.9		81		4.8	U	11		29		58		11	
Pyrene	µg/kg	8.7		110		4.8	U	21		52		150		14	
Total PAHs (calculated)	µg/kg	69.01		774		5.1		138.6		253.3		1154.7		110.59	
Other SVOCs															
1,2,4-Trimethylbenzene	µg/kg					0.92	U	0.97	U	2.8	U	1.5	U	1.4	UJ
1,3,5-Trimethylbenzene	µg/kg					4.3	U	4.5	U	13	U	6.8	U	6.5	UJ
VOCs															
Benzene	µg/kg					0.89	U	0.93	U	2.7	U	1.5	U	1.4	UJ
Dioxins and Furans															
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.096	U	0.112	U	0.637	U	0.459	U	0.983	U	3.479		0.218	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	0.871	UJ	0.121	U	3.381	J	4.131	J	6.966		42.453		0.403	J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1.437	J	0.233	UJ	5.669		6.049	J	17.187		97.159		0.942	J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	5.089		1.217	J	13.14		13.115		46.515		252.48		3.049	J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	3.363	J	1.146	J	10.915		11.816		40.321		197.93		2.091	J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	91.124		27.203		258.11		270.8		1192.6		7430.8	B	75.811	
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	735.75	J	157.52	B	1656.6		1963.1		9023.9	J	64790	B	572.5	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	0.26	UJC	0.342	UJC	0.667	CJ	0.659	UC	1.029	UC	2.685	C	0.466	CU
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.187	UJ	0.08	U	0.405	U	0.313	U	1.102	UJ	7.188		0.202	U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.493	UJ	0.077	U	0.388	U	0.678	J	1.867	J	8.773		0.197	U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1.321	UJ	0.109	U	2.056	J	2.653	J	9.907		59.324		0.617	UJ
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.808	J	0.105	U	2.082	J	1.984	J	7.308		48.161		0.462	J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.295	U	0.156	U	0.278	U	0.233	U	0.594	U	1.135	U	0.328	U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1.457	J	0.123	U	3.482	J	3.309	J	11.304		80.29		0.689	J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	16.49		4.947	J	47.553		45.157		172.78		1548.8		9.654	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	1.105	J	0.506	U	2.592	J	3.654	J	10.594		85.71		0.522	J
Octachlorodibenzofuran (OCDF)	pg/g	30.432		10.512		204.35		213.45		639.81		7974.6	B	33.631	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	2.641		0.617		0.637	U	0.994		0.983	U	39.646		0.218	U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	11.911		1.914		6.36		23.811		41.499		293.98		2.329	
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	56.79		16.269		78.011		110.72		383.89		2108.5		31.02	
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	205.98		101.32		450.34		574.01		2373		14472		170.52	
Tetrachlorodibenzofurans (TCDF), Total	pg/g	3.903		0.93		0.667		0.4		10.358		121.59		0.824	
Pentachlorodibenzofurans (PeCDF), Total	pg/g	14.776		2.111		20.689		20.96		77.391		531.07		2.224	
Hexachlorodibenzofurans (HxCDF), Total	pg/g	25.706		5.626		66.058		56.385		233.11		1958.6		9.03	
Heptachlorodibenzofurans (HpCDF), Total	pg/g	43.217		14.675		138.64		155.76		503.12		5118.3		27.968	
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	1.5881		0.2888		6.2151		5.8703		34.044		222.41		0.9153	

Notes

% = percent.
µg/kg = microgram per kilogram.
B = analyte was detected in the associated laboratory or field blank in addition to the sample.
C = value for TCDF analyte was obtained by analysis using DB-225 confirmation column.
F = chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
H = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
I = method reporting limit and/or method detection limit had been elevated because of chromatographic interference.
J = analyte is an estimated quantity.
K = estimated maximum possible concentration.
P = GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for contract laboratory program pesticides).
pg/g = picogram per gram.
PAHs = polycyclic aromatic hydrocarbons.
TPH = total petroleum hydrocarbons.
SVOCs = semivolatile organic carbons.
U = analyte not detected above the laboratory reporting limit.
UJ = analyte not detected above the estimated laboratory reporting limit.
VOCs = volatile organic carbons.
Y = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.
Z = chromatographic fingerprint does not resemble a petroleum product.

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Station		MW-10		MW-10		MW-10		MW-11		MW-11		MW-11		MW-12		MW-12		MW-12		MW-13		MW-13		MW-13		MW-13		MW-13		MW-14		SB-2D	
Sample ID		SO183		SO185		SO188		SO177		SO179		SO182		SO294		SO296		SO305		SO276		SO278		SO282		SO289		SO292		SO125		SO424	
Date		8/26/2002		8/26/2002		8/26/2002		8/26/2002		8/26/2002		8/26/2002		8/28/2002		8/28/2002		8/28/2002		8/28/2002		8/28/2002		8/28/2002		8/28/2002		8/28/2002		8/22/2002		9/18/2002	
Depth (inches)		4 - 6		14 - 16		29 - 31		4 - 6		14 - 16		29 - 31		14 - 16		18 - 20		36 - 38		6 - 8		10 - 12		18 - 20		32 - 34		38 - 40		4 - 6		50 - 52	
Analyte	Unit																																
Conventionals																																	
Solids, Total	%	78.2		83.9		85		96.6		80.7		76.2		95		95.4		79.3		94		96		94.9		75.8		80.3		96.9		79.7	
Phenols																																	
3,4-Dichlorophenol	µg/kg	2.6	U	8	Ui	4.3	Ui	2.2	Ui	2.5	U	5.6	Ui	22	U	2100	U	26	U	2.2	U	21	U	22000	U	27000	U	250	U	2.1	U	26	U
3,5-Dichlorophenol	µg/kg	3.9	U	3.6	U	3.6	U	3.2	U	3.8	U	4	U	32	UJ	3200	UJ	38	UJ	3.2	U	32	U	32000	U	40000	U	380	U	3.1	U	38	U
2,4,5-Trichlorophenol	µg/kg	6.4	U	6	U	5.9	U	5.2	U	6.2	U	6.6	U	53	U	5300	U	64	U	5.4	U	53	U	53000	U	66000	U	630	U	5.2	U	63	U
2,4,6-Trichlorophenol	µg/kg	0.9	U	0.84	U	0.83	U	0.73	U	0.87	U	0.92	U	7.4	U	740	U	8.9	U	0.75	UJ	7.3	UJ	7400	UJ	9300	UJ	88	UJ	0.73	U	8.8	U
Tetrachlorophenols, Total	µg/kg	9.1	UJ	8.4	UJ	8.4	UJ	7.4	UJ	8.8	UJ	9.3	UJ	75	U	7400	U	89	U	7.5	U	74	U	75000	U	93000	U	880	U	7.3	U	89	U
Pentachlorophenol (PCP)	µg/kg	5.3	J	2.4	U	18		2.1	U	2.5	U	2.7	U	220		110000		33	J	24		390		870000		830000		2300		2.1	U	500	
TPH																																	
Diesel Range Organics	µg/kg	5400	U	5100	U	5000	U	4400	U	5200	U	5600	U	3500000	Y	8600000	Y	5600	J	130000	Y	820000	Y	12000000	Y	45000000	Y	81000	Y	15000	J	5300	U
Residual Range Organics	µg/kg	8800	J	8900	J	9900	J	6300	J	8100	J	9600	J	200000	L	480000	L	17000	J	24000	J	210000	L	1000000	L	3100000	L	19000	J	11000	J	5300	U
PAHs																																	
2-Methylnaphthalene	µg/kg	0.27	U	0.26	U	0.25	U	0.35	J	0.27	U	0.28	U	100	J	21000		0.38	J	0.23	U	0.22	U	11	J	60000		19		0.22	U	0.28	J
Acenaphthene	µg/kg	0.27	U	0.26	U	0.25	U	0.22	U	0.27	U	0.28	U	170	J	3200		0.27	U	0.23	U	0.22	U	760		28000		32		0.22	U	0.27	U
Acenaphthylene	µg/kg	0.21	U	0.2	U	0.19	U	0.17	U	0.2	U	0.21	U	0.17	U	340		0.21	U	0.18	U	1	J	26	Ui	960		1.1	J	0.17	U	0.21	U
Anthracene	µg/kg	0.25	U	0.23	U	0.23	U	0.2	U	0.24	U	0.25	U	180	J	410		0.24	U	0.21	U	8.1		28	J	13000		25		0.2	U	0.24	U
Benz(a)anthracene	µg/kg	0.17	U	0.16	U	0.16	U	0.14	U	0.17	U	0.18	U	51	J	110		0.17	U	0.14	U	0.14	U	250	J	4100		9.9		0.14	U	6.3	U
Benzo(a)pyrene	µg/kg	0.18	U	0.17	U	0.17	U	0.15	U	0.18	U	0.19	U	14	J	39	J	0.18	U	0.15	U	4.5	J	89	J	2000		3.7	J	0.15	U	0.18	U
Benzo(b)fluoranthene	µg/kg	0.18	U	0.17	U	0.17	U	0.15	U	0.18	U	0.19	U	12	J	32	J	0.18	U	0.15	U	3.5	J	120	J	1600		4	J	0.52	J	0.18	J
Benzo(g,h,i)perylene	µg/kg	0.13	U	0.12	U	0.12	U	0.11	U	0.13	U	0.14	U	4.9	J	13	J	0.13	U	5.4	U	10		21	J	500		6.3	U	0.11	U	0.13	U
Benzo(k)fluoranthene	µg/kg	0.2	U	0.18	U	0.18	U	0.16	U	0.19	U	0.2	U	13	J	30	J	0.19	U	0.16	U	0.16	U	100	J	1900		5.1	J	0.16	U	0.19	U
Chrysene	µg/kg	0.2	U	0.18	U	0.18	U	0.16	U	0.19	U	0.2	U	130	J	290		0.34	J	2.6	J	36		710	J	5000		15		0.16	U	0.25	J
Dibenz(a,h)anthracene	µg/kg	0.24	U	0.22	U	0.22	U	0.19	U	0.23	U	0.24	U	1.1	J	3.1	J	0.23	U	0.2	U	1.3	J	9.2	J	150		0.35	J	0.19	U	0.23	U
Fluoranthene	µg/kg	0.22	U	0.21	U	0.2	U	0.18	U	0.22	U	0.23	U	200	J	460		0.36	J	0.19	U	1.5	J	1500		22000		60		0.18	U	0.28	J
Fluorene	µg/kg	0.22	U	0.21	U	0.2	U	0.18	U	0.22	U	0.23	U	1800		4500		0.64	J	0.19	U	0.18	U	120		43000		61		0.18	U	0.22	U
Indeno(1,2,3-cd)pyrene	µg/kg	0.2	U	0.18	U	0.18	U	0.16	U	0.19	U	0.2	U	6.6	J	18	J	0.19	U	0.41	J	14		30	J	740		2.2	J	0.16	U	0.19	U
Naphthalene	µg/kg	0.27	U	0.26	U	0.25	U	0.22	J	0.27	U	0.28	U	480	J	11000		0.43	J	0.23	J	0.24	J	9	J	35000		4.4	J	5.2	U	0.51	J
Phenanthrene	µg/kg	0.2	U	0.18	U	0.42	J	0.16	U	0.31	J	0.2	U	3200		7600		2.5	J	0.16	U	4.7	J	81		82000		170		0.16	U	0.82	J
Pyrene	µg/kg	0.15	U	0.14	U	0.16	J	0.12	U	0.14	U	0.15	U	300	J	700		0.43	J	0.94	J	4.5	J	1900		18000		62		0.14	J	6.3	U
Total PAHs (calculated)	µg/kg	0.27	U	0.26	U	0.58		0.22		0.31		0.28	U	6562.6		28745.1		4.7		4.18		89.34		5727.2		257950		455.75		0.66		2.04	

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SB-2D		SB-2D		SB-3D		SB-3D		SB-3D		SB-35		SB-35		SB-35		SB-36		SB-36		SB-36		SB-37		SB-37		SB-37		SB-37		SB-38	
	Sample ID	SO436		SO446		SO374		SO386		SO397		SO154		SO168		SO175		SO150		SO155		SO162		SO134		SO137		SO142		SO146		SO205	
	Date	9/18/2002		9/18/2002		9/17/2002		9/17/2002		9/17/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/23/2002		8/27/2002	
	Depth (inches)	74 - 76		94 - 96		50 - 52		74 - 76		96 - 98		4 - 6		14 - 16		28 - 30		4 - 6		14 - 16		28 - 30		6 - 8		12 - 14		22 - 24		30 - 32		4 - 6	
Analyte	Unit																																
Conventionals																																	
Solids, Total	%	87.7		91.5		91.7		87.7		89.3		95.7		96		92.3		96		94.2		79.2		93.8		96.6		94.5		78.4		88	
Phenols																																	
3,4-Dichlorophenol	µg/kg	12	Ui	2.2	U	30	Ui	40	Ui	24	Ui	2.1	U	2.1	U	2.2	U	2.1	U	4.7	J	9.6	Ui	11	Ui	16	Ui	2200	U	26	U	2300	U
3,5-Dichlorophenol	µg/kg	3.5	U	3.3	U	33	U	3.5	U	3.4	U	3.2	U	3.2	U	3.3	U	3.2	U	3.2	U	3.8	U	3.2	U	3.2	U	3200	U	39	U	3500	U
2,4,5-Trichlorophenol	µg/kg	5.8	U	5.5	U	55	U	5.8	U	5.6	U	5.3	U	5.3	U	5.5	U	5.3	U	5.4	U	6.4	U	5.4	U	5.2	U	5300	U	64	U	5700	U
2,4,6-Trichlorophenol	µg/kg	0.8	U	0.77	U	7.7	U	0.8	U	0.79	U	0.74	U	0.73	U	0.76	U	0.73	U	0.75	U	0.89	U	0.75	U	0.73	U	750	U	9	U	800	U
Tetrachlorophenols, Total	µg/kg	8.1	U	7.7	U	77	U	8.1	U	7.9	U	7.4	U	7.4	U	7.7	U	7.4	U	7.5	U	8.9	U	7.5	U	7.4	U	7500	UJ	100	J	8100	UJ
Pentachlorophenol (PCP)	µg/kg	2.3	U	2.2	U	420	J	2.3	U	2.3	U	41		2.1	U	7.9		13		13		13		2.2	U	6.4		200000		1100		250000	J
TPH																																	
Diesel Range Organics	µg/kg	4800	U	4600	U	4600	U	4800	U	4700	U	4700	J	5000	J	4900	J	4500	J	5700	J	5400	J	5000	J	4700	J	17000000	Y	64000	Y	6000000	Y
Residual Range Organics	µg/kg	4900	U	15000	J	4600	U	4900	U	4800	U	4500	U	4500	U	4600	U	4400	U	4500	U	5400	U	4500	U	4400	U	1200000	L	7000	J	840000	L
PAHs																																	
2-Methylnaphthalene	µg/kg	0.24	U	0.31	J	3.5	J	0.24	U	0.6	J	0.22	U	0.22	U	0.52	J	0.22	U	0.23	U	0.27	U	0.23	U	0.22	U	26	J	1.1	J	1	J
Acenaphthene	µg/kg	0.24	U	0.23	U	0.23	U	0.24	U	0.24	U	0.22	U	0.22	U	0.23	U	0.22	U	0.23	U	0.27	U	0.23	U	0.22	U	190		1.7	J	4.8	J
Acenaphthylene	µg/kg	0.19	U	0.18	U	0.18	U	0.19	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.21	U	0.18	U	0.17	U	28	J	0.35	J	4.5	J
Anthracene	µg/kg	0.22	U	0.21	U	0.21	U	0.22	U	0.22	U	0.2	U	0.2	U	0.21	U	0.2	U	0.21	U	0.24	U	0.21	U	0.2	U	200		2.2	J	84	
Benz(a)anthracene	µg/kg	5.7	U	5.5	U	0.15	U	5.7	U	5.6	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.17	U	0.14	U	0.14	U	680		1.3	J	6.8	
Benzo(a)pyrene	µg/kg	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	0.15	U	0.15	U	0.18	U	0.15	U	0.15	U	440		0.18	U	25	
Benzo(b)fluoranthene	µg/kg	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.22	J	0.15	U	0.24	J	0.22	J	0.28	J	0.69	J	0.15	U	0.15	U	380		1.1	J	110	
Benzo(g,h,i)perylene	µg/kg	0.12	U	0.37	J	0.11	U	0.12	U	0.2	J	0.11	U	0.11	U	0.12	J	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	110		0.34	J	31	
Benzo(k)fluoranthene	µg/kg	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.16	U	0.16	U	0.17	U	0.16	U	0.16	U	0.19	U	0.16	U	0.16	U	420		1.3	J	70	
Chrysene	µg/kg	0.18	U	0.22	J	0.17	U	0.18	U	0.18	J	0.25	J	0.16	U	0.17	U	0.16	U	0.18	J	0.2	J	0.16	U	0.16	U	1200		3.7	J	250	
Dibenz(a,h)anthracene	µg/kg	0.21	U	0.2	U	0.2	U	0.21	U	0.21	U	0.19	U	0.19	U	0.2	U	0.19	U	0.2	U	0.23	U	0.2	U	0.19	U	34	J	0.28	J	11	
Fluoranthene	µg/kg	0.29	J	0.35	J	0.19	U	0.22	J	0.25	J	5.3	U	0.18	U	5.5	U	5.3	U	5.3	U	6.4	U	0.19	U	0.18	U	2900		5.2	J	24	J
Fluorene	µg/kg	0.2	U	0.19	U	0.22	J	0.2	U	0.21	J	0.21	J	0.18	U	0.2	J	0.18	U	0.19	U	0.24	J	0.19	U	0.18	U	49	J	2.7	J	0.2	U
Indeno(1,2,3-cd)pyrene	µg/kg	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.16	U	0.16	U	0.17	U	0.16	U	0.16	U	0.19	U	0.16	U	0.16	U	160		0.47	J	46	
Naphthalene	µg/kg	0.24	U	0.23	U	9.7		0.24	U	0.35	J	5.3	U	0.22	U	0.23	U	5.3	U	0.23	U	6.4	U	0.23	U	5.2	U	2.3	U	6.4	U	0.51	J
Phenanthrene	µg/kg	0.31	J	0.58	J	0.33	J	0.41	J	0.79	J	5.3	U	5.3	U	5.5	U	5.3	U	5.3	U	1.3	J	0.16	U	5.2	U	69		4.5	J	50	J
Pyrene	µg/kg	5.7	U	5.5	U	0.12	U	5.7	U	5.6	U	0.52	J	0.12	U	0.3	J	0.42	J	0.37	J	0.39	J	0.12	U	0.12	U	3900		13		850	
Total PAHs (calculated)	µg/kg	0.6		1.52		10.25		0.63		1.98		1.2		5.3	U	0.86		0.64		0.83		2.82		0.23	U	5.2	U	10760		38.14		1567.61	

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SB-38		SB-38		SB-38		SB-39		SB-39		SB-39		SB-39		SB-40		SB-40		SB-40		SB-41		SB-41		SB-41		SB-41		SB-42		SB-42	
	Sample ID	SO211		SO216		SO218		SO191		SO193		SO195		SO201		SO259		SO265		SO272		SO221		SO227		SO231		SO235		SO240		SO246	
	Date	8/27/2002		8/27/2002		8/27/2002		8/26/2002		8/26/2002		8/26/2002		8/26/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002		8/27/2002	
	Depth (inches)	16 - 18		26 - 28		30 - 32		10 - 12		14 - 16		18 - 20		30 - 32		4 - 6		16 - 18		30 - 32		4 - 6		16 - 18		24 - 26		32 - 34		4 - 6		16 - 18	
Analyte	**Unit**																																
Conventionals																																	
Solids, Total	%	87.7		76.6		74.6		96.9		96.3		95		73		96.6		96.9		77.2		93.6		94.7		91.8		75		95.5		95.8	
Phenols																																	
3,4-Dichlorophenol	µg/kg	230	U	2.7	U	27	U	21000	U	11	Ui	2.2	U	28	U	12	Ui	2.1	U	2.6	U	2.8	Ui	11	Ui	8.9	Ui	16	Ui	2.1	U	2.1	U
3,5-Dichlorophenol	µg/kg	350	U	4	U	41	U	31000	U	3.2	U	3.2	U	42	U	3.2	UJ	3.1	UJ	3.9	UJ	3.3	UJ	3.2	UJ	3.3	UJ	4	UJ	3.2	U	3.2	U
2,4,5-Trichlorophenol	µg/kg	580	U	6.6	U	68	U	52000	U	5.2	U	5.3	U	69	U	5.2	U	5.2	U	6.5	U	5.4	U	5.3	U	5.5	U	6.7	U	5.3	U	5.3	U
2,4,6-Trichlorophenol	µg/kg	80	U	0.92	U	9.4	U	21000	Ui	0.73	U	0.74	U	9.6	U	0.73	U	0.73	UJ	0.91	U	0.75	U	0.74	U	0.77	U	0.94	U	0.74	U	0.74	U
Tetrachlorophenols, Total	µg/kg	810	UJ	9.3	UJ	95	UJ	390000		7.4	UJ	18	J	97	UJ	7.4	U	7.3	U	9.1	U	7.6	U	7.5	U	7.7	U	9.4	U	7.4	UJ	7.4	UJ
Pentachlorophenol (PCP)	µg/kg	2000		49		460		1300000		26		88		420		2.1	U	2.1	U	2.6	U	13		2.2	U	2.2	U	20		2.1	U	2.1	U
TPH																																	
Diesel Range Organics	µg/kg	3500000	Y	21000	J	5700	U	11000000		4400	U	4600	J	5800	U	4400	U	4400	U	5500	U	4500	U	4500	U	4600	U	5600	U	4400	U	4400	U
Residual Range Organics	µg/kg	420000	L	5600	U	5700	U	1300000		6700	J	8000	J	11000	J	4400	U	4400	U	5500	U	4600	U	4500	U	4600	U	5700	U	4500	U	4500	U
PAHs																																	
2-Methylnaphthalene	µg/kg	0.34	J	0.28	U	0.54	J	170000	J	9.5		6.8		6.5	J	0.22	U	0.44	J	0.28	U	0.23	U	0.23	U	0.23	U	1.7	J	0.22	U	0.22	U
Acenaphthene	µg/kg	1.9	J	0.28	U	0.29	U	210000	J	2.7	J	29		3.3	J	0.22	U	0.22	U	0.28	U	0.23	U	0.23	U	0.24	J	0.76	J	0.22	U	0.22	U
Acenaphthylene	µg/kg	0.19	U	0.21	U	0.22	U	2900	J	0.18	J	0.76	J	0.22	U	0.17	U	0.17	U	0.21	U	0.18	U	0.17	U	0.18	U	0.22	U	0.17	U	0.17	U
Anthracene	µg/kg	19	Ui	0.25	U	0.3	J	95000	J	2	J	35		0.57	J	0.2	U	0.2	U	0.25	U	0.24	J	0.21	U	0.21	U	0.26	U	0.2	U	0.2	U
Benz(a)anthracene	µg/kg	0.15	U	0.17	U	0.18	U	29000	J	1.4	J	14		0.18	U	0.14	U	0.14	U	0.17	U	0.48	J	0.14	U	0.15	U	0.18	U	0.14	U	0.14	U
Benzo(a)pyrene	µg/kg	7.9		0.19	U	0.19	U	14000	J	0.54	J	5.4		0.2	U	0.15	U	0.15	U	0.19	U	0.4	J	0.15	U	0.16	U	0.19	U	0.15	U	0.15	U
Benzo(b)fluoranthene	µg/kg	12		0.19	U	0.19	U	12000	J	0.75	J	6.6		0.21	J	0.15	U	0.15	U	0.19	U	0.9	J	0.15	U	0.16	U	0.36	J	0.15	U	0.15	U
Benzo(g,h,i)perylene	µg/kg	4.6	J	6.6	U	0.14	U	3900	J	5.2	U	2	J	0.14	U	0.11	U	0.11	U	0.13	U	5.4	U	0.11	U	0.11	U	0.14	U	0.11	U	0.11	U
Benzo(k)fluoranthene	µg/kg	0.18	U	0.2	U	0.21	U	14000	J	0.71	J	7.8		0.21	U	0.16	U	0.16	U	0.2	U	0.79	J	0.16	U	0.17	U	0.2	U	0.16	U	0.16	U
Chrysene	µg/kg	160		0.89	J	0.21	U	29000	J	2	J	16		0.21	U	0.16	U	0.16	U	0.2	U	0.89	J	5.3	U	0.17	U	0.2	U	0.16	U	0.16	U
Dibenz(a,h)anthracene	µg/kg	0.95	J	0.24	U	0.25	U	1200	J	0.19	U	0.65	J	0.25	U	0.19	U	0.19	U	0.24	U	5.4	U	0.2	U	0.2	U	0.24	U	0.19	U	0.19	U
Fluoranthene	µg/kg	11	Ui	0.23	U	6.7	U	180000	J	9.9		86		0.53	J	0.18	U	0.18	U	0.23	U	5.4	U	5.3	U	5.5	U	0.23	U	5.3	U	0.18	U
Fluorene	µg/kg	6.4	Ui	0.23	U	0.51	J	190000	J	3.4	J	51		3.9	J	0.18	U	0.18	U	0.23	U	0.25	J	0.18	U	0.19	U	0.75	J	0.18	U	0.18	U
Indeno(1,2,3-cd)pyrene	µg/kg	5.3	J	6.6	U	0.21	U	5800	J	5.2	U	2.6	J	0.21	U	0.16	U	0.16	U	0.2	U	5.4	U	0.16	U	0.17	U	0.2	U	0.16	U	0.16	U
Naphthalene	µg/kg	0.69	J	0.33	J	1.2	J	5400	J	1.4	J	1	J	2.8	J	0.22	U	0.23	J	0.38	J	0.23	U	0.23	U	0.55	J	0.33	J	0.22	U	0.22	J
Phenanthrene	µg/kg	9.5	Ui	0.2	U	1.5	J	450000	J	8		170		6.7	J	0.21	J	0.37	J	0.56	J	1.4	J	0.5	J	0.74	J	1.4	J	0.35	J	0.16	U
Pyrene	µg/kg	37		1.9	J	6.7	U	130000	J	7.3		65		1	J	0.12	U	0.12	U	6.5	U	5.4	U	5.3	U	5.5	U	6.7	U	5.3	U	0.12	U
Total PAHs (calculated)	µg/kg	230.34		3.12		3.51		1372200		40.28		492.81		19.01		0.21		0.6		0.94		5.35		0.5		1.53		3.6		0.35		0.22	

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SB-42		SB-42		SB-47		SB-48		SB-49		SB-50		SB-51		SB-52		SB-52		SB-53		SB-53		SB-54		SB-54		SB-55		SB-55		SB-56	
	Sample ID	SO252		SO254		SO128		SO130		SO132		SO131		SO129		SO047		SO054		SO113		SO122		SO101		SO106		SO091		SO098		SO061	
	Date	8/27/2002		8/27/2002		8/22/2002		8/22/2002		8/22/2002		8/22/2002		8/22/2002		8/19/2002		8/19/2002		8/21/2002		8/21/2002		8/21/2002		8/21/2002		8/21/2002		8/21/2002		8/20/2002	
	Depth (inches)	28 - 30		32 - 34		4 - 6		4 - 6		4 - 6		4 - 6		4 - 6		4 - 6		18 - 20		6 - 8		24 - 26		4 - 6		14 - 16		4 - 6		18 - 20		4 - 6	
Analyte	**Unit**																																
Conventionals																																	
Solids, Total	%	90.4		76.2		95.9		93.7		96.2		94.8		96.3		90.8		92.6		94.1		94.2		94.1		95.5		94.9		93.7		95.2	
Phenols																																	
3,4-Dichlorophenol	µg/kg	4.2	Ui	4.5	Ui	9.4	Ui	2.2	U	2.1	U	6.2	Ui	17	Ui	2.3	U	9.2	Ui	2.2	U	3.8	Ui	2.2	U	2.1	U	13	Ui	3.5	Ui	11	Ui
3,5-Dichlorophenol	µg/kg	3.4	U	4	U	3.2	U	3.3	U	3.2	U	3.2	U	3.2	U	3.4	U	3.3	U	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	3.3	U	3.2	U
2,4,5-Trichlorophenol	µg/kg	5.6	U	6.6	U	5.3	U	5.4	U	5.2	U	5.3	U	5.2	U	5.6	U	5.4	U	5.4	U	5.4	U	5.4	U	5.3	U	5.3	U	5.4	U	5.3	U
2,4,6-Trichlorophenol	µg/kg	0.78	U	0.92	U	0.73	U	0.75	U	0.73	U	0.74	U	0.73	U	0.78	U	0.76	U	0.75	U	0.75	U	0.75	U	0.74	U	0.74	U	0.75	U	0.74	U
Tetrachlorophenols, Total	µg/kg	10	J	9.3	UJ	7.4	U	7.6	U	7.4	U	7.5	U	7.4	U	7.9	U	7.7	U	7.5	U	7.5	U	7.5	U	7.4	U	7.5	U	7.6	U	7.5	U
Pentachlorophenol (PCP)	µg/kg	93		26		2.1	U	27		2.1	U	2.2	U	2.1	U	140		2.2	U	2.2	U	2.2	U	2.2	U	2.1	U	2.2	U	2.2	U	2.2	U
TPH																																	
Diesel Range Organics	µg/kg	4700	U	5600	U	4600	J	4800	J	4700	J	4800	J	4500	J	14000	J	4600	U	4500	U	4500	U	4500	U	4400	U	4500000	U	4500000	U	4500	U
Residual Range Organics	µg/kg	4700	U	5600	U	4400	U	4600	U	4400	U	4600	U	4400	U	74000	J	4600	U	4500	U	4500	U	4500	U	4500	U	4500000	U	4600000	U	4500	U
PAHs																																	
2-Methylnaphthalene	µg/kg	0.67	J	0.28	U	0.22	U	0.23	U	0.22	U	0.23	U	0.22	U																		
Acenaphthene	µg/kg	0.24	U	0.28	U	0.22	U	0.23	U	0.22	U	0.23	U	0.22	U																		
Acenaphthylene	µg/kg	0.18	U	0.21	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U																		
Anthracene	µg/kg	0.22	U	0.25	U	0.2	U	0.21	U	0.2	U	0.21	U	0.2	U																		
Benz(a)anthracene	µg/kg	0.15	U	0.18	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U																		
Benzo(a)pyrene	µg/kg	0.16	U	0.19	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U																		
Benzo(b)fluoranthene	µg/kg	0.16	U	0.19	U	0.15	U	0.33	J	0.17	J	0.18	J	0.15	U																		
Benzo(g,h,i)perylene	µg/kg	0.12	U	0.14	U	0.11	U	0.33	J	0.11	U	0.11	U	0.11	U																		
Benzo(k)fluoranthene	µg/kg	0.17	U	0.2	U	0.16	U	0.24	J	0.16	U	0.16	U	0.16	U																		
Chrysene	µg/kg	5.6	U	0.2	U	0.16	U	0.36	J	0.16	U	0.16	U	0.16	U																		
Dibenz(a,h)anthracene	µg/kg	0.2	U	0.24	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U																		
Fluoranthene	µg/kg	0.19	U	0.23	U	5.3	U	5.4	U	0.18	U	0.18	U	0.18	U																		
Fluorene	µg/kg	0.19	U	0.23	U	0.18	U	0.19	U	0.18	U	0.18	U	0.18	U																		
Indeno(1,2,3-cd)pyrene	µg/kg	0.17	U	0.2	U	0.16	U	0.21	J	0.16	U	0.16	U	0.16	U																		
Naphthalene	µg/kg	0.99	J	0.28	U	0.22	U	0.23	U	5.2	U	0.23	U	0.22	U																		
Phenanthrene	µg/kg	0.79	J	0.2	U	5.3	U	5.4	U	5.2	U	0.16	U	5.2	U																		
Pyrene	µg/kg	5.6	U	0.15	U	0.17	J	0.38	J	0.12	U	0.12	U	0.12	U																		
Total PAHs (calculated)	µg/kg	1.78		0.28	U	0.17		1.85		0.17		0.18		5.2	U																		

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SB-56	SB-57	SB-57	SB-58	SB-58	SB-59	SB-60	SB-61	SB-61	SB-61	SB-61	SB-62	SB-62	SB-62	SB-63	SB-63
	Sample ID	SO065	SO082	SO086	SO071	SO075	SO126	SO127	SO306	SO307	SO312	SO319	SO322	SO327	SO334	SO337	SO338
	Date	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/22/2002	8/22/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002	9/6/2002
	Depth (inches)	12 - 14	4 - 6	12 - 14	4 - 6	12 - 14	4 - 6	4 - 6	4 - 6	4 - 6	14 - 16	28 - 30	4 - 6	14 - 16	28 - 30	14 - 16	14 - 16
Analyte	Unit									Field dup							Field dup
Conventionals																	
Solids, Total	%	95.8	94.8	95.9	93.3	93.6	92.1	94.2	95.8	95.6	94.5	81	97.1	97.5	80.5	95.4	94.1
Phenols																	
3,4-Dichlorophenol	µg/kg	4.8 Ui	21 Ui	11 Ui	2.2 U	9.7 Ui	2.2 U	2.2 U	2.1 U	2.1 UJ	2.2 U	25 U	2.1 U	2.1 U	2.5 U	2100 U	2200 U
3,5-Dichlorophenol	µg/kg	3.2 U	3.2 U	3.2 U	3.3 U	3.3 U	3.3 U	3.2 U	3.2 U	3.2 UJ	3.2 U	38 U	3.1 U	3.1 U	3.8 U	3200 U	3200 U
2,4,5-Trichlorophenol	µg/kg	5.3 U	5.3 U	5.3 U	5.4 U	5.4 U	5.5 U	5.4 U	5.3 U	5.3 UJ	5.3 U	62 U	5.2 U	5.2 U	6.3 U	5300 U	5400 U
2,4,6-Trichlorophenol	µg/kg	0.74 U	0.74 UJ	0.73 U	0.76 U	0.75 U	0.77 U	0.75 U	0.74 UJ	0.74 UJ	0.75 UJ	8.7 UJ	0.73 UJ	0.72 UJ	0.87 UJ	740 UJ	750 UJ
Tetrachlorophenols, Total	µg/kg	7.4 U	7.5 U	7.4 U	7.6 U	7.6 U	7.7 U	7.5 U	7.4 U	7.4 U	7.5 U	88 U	7.3 U	7.3 U	8.8 U	7400 U	7500 U
Pentachlorophenol (PCP)	µg/kg	2.1 U	6.2	2.1 U	74	28	2.2 U	2.2 U	6.1	6.5	2.2 U	550	2.1 U	6.4	23	140000	170000
TPH																	
Diesel Range Organics	µg/kg	4400 U	4500000 U	4400000 U	5900 J	4500 U	4600 U	4900 J	4400 U	4400 U	4500 U	30000 U	4400 U	4400 U	5300 U	6400000 Y	6400000 Y
Residual Range Organics	µg/kg	4500 U	5300000 J	4400000 U	23000 J	4600 U	7900 J	4500 U	4500 U	4500 U	4500 U	5300 U	4400 U	4400 U	5300 U	360000 L	350000 L
PAHs																	
2-Methylnaphthalene	µg/kg						0.3 J	0.23 U	0.75 J	1.1 J	0.23 U	0.26 U	0.22 U	0.22 U	0.27 U	22 J	15 J
Acenaphthene	µg/kg						0.23 U	0.23 U	3.6 J	4.6 J	0.23 U	0.26 U	0.22 U	0.22 U	0.27 U	280	250
Acenaphthylene	µg/kg						0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.2 U	0.17 U	0.17 U	0.2 U	26 J	23 J
Anthracene	µg/kg						0.21 U	0.21 U	5.1 J	5 J	0.21 U	0.24 U	0.2 U	0.2 U	0.24 U	1300	1100
Benz(a)anthracene	µg/kg						0.22 J	0.14 U	3.1 J	1.9 J	0.14 U	0.17 U	0.14 U	0.2 J	0.17 U	95	84
Benzo(a)pyrene	µg/kg						0.26 J	0.15 U	0.82 J	0.54 J	0.15 U	0.18 U	0.15 U	0.15 U	0.18 U	35	32
Benzo(b)fluoranthene	µg/kg						1.3 J	0.5 J	1.7 J	0.94 J	0.15 U	0.18 U	0.15 U	0.15 U	0.18 U	45	41
Benzo(g,h,i)perylene	µg/kg						0.76 J	0.11 U	5.3 U	5.3 U	0.11 U	0.13 U	0.11 U	0.11 U	6.3 U	20 J	18 J
Benzo(k)fluoranthene	µg/kg						0.55 J	0.16 U	0.56 J	0.69 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	25 J	22 J
Chrysene	µg/kg						0.64 J	0.16 U	4.1 J	2.8 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	240	240
Dibenz(a,h)anthracene	µg/kg						0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.23 U	0.19 U	0.19 U	0.23 U	8.7 J	8.7 J
Fluoranthene	µg/kg						5.5 U	5.4 U	21	13	5.3 U	0.21 U	0.18 U	0.18 U	0.22 J	590	560
Fluorene	µg/kg						0.19 U	0.19 U	5.5	6.9	0.18 U	0.21 U	0.18 U	0.18 U	0.22 U	1300	1200
Indeno(1,2,3-cd)pyrene	µg/kg						0.83 J	0.16 U	0.52 J	0.53 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	25 J	23 J
Naphthalene	µg/kg						5.5 U	5.4 U	5.3 U	5.3 U	5.3 U	6.2 U	5.2 U	5.2 U	6.3 U	870	750
Phenanthrene	µg/kg						5.5 U	5.4 U	29	26	0.84 J	0.19 U	0.22 J	0.28 J	6.3 U	1700	1600
Pyrene	µg/kg						0.53 J	0.19 J	14	9.4	5.3 U	2.6 J	5.2 U	5.2 U	6.3 U	860	800
Total PAHs (calculated)	µg/kg						5.09	0.69	89	72.3	0.84	2.6	0.22	0.48	0.22	7419.7	6751.7

Table 3-2. Site Investigation Data: Subsurface Soil
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SB-63	SB-63
	Sample ID	SO342	SO346
	Date	9/6/2002	9/6/2002
	Depth (inches)	22 - 24	30 - 32
Analyte	**Unit**		
Conventionals			
Solids, Total	%	93.1	84.4
Phenols			
3,4-Dichlorophenol	µg/kg	2200 U	240 U
3,5-Dichlorophenol	µg/kg	3300 U	360 U
2,4,5-Trichlorophenol	µg/kg	5400 U	600 U
2,4,6-Trichlorophenol	µg/kg	760 UJ	83 UJ
Tetrachlorophenols, Total	µg/kg	7600 U	840 U
Pentachlorophenol (PCP)	µg/kg	250000	2500
TPH			
Diesel Range Organics	µg/kg	21000000 Y	37000 U
Residual Range Organics	µg/kg	1100000 L	7400 J
PAHs			
2-Methylnaphthalene	µg/kg	42000	30
Acenaphthene	µg/kg	19000	23
Acenaphthylene	µg/kg	550	0.19 U
Anthracene	µg/kg	3000	2.6 J
Benz(a)anthracene	µg/kg	210 J	0.59 J
Benzo(a)pyrene	µg/kg	84 J	0.17 U
Benzo(b)fluoranthene	µg/kg	120 J	0.17 U
Benzo(g,h,i)perylene	µg/kg	38 J	6 U
Benzo(k)fluoranthene	µg/kg	35 J	0.18 U
Chrysene	µg/kg	340	1.5 J
Dibenz(a,h)anthracene	µg/kg	11 J	0.22 U
Fluoranthene	µg/kg	2000	6 J
Fluorene	µg/kg	17000	43
Indeno(1,2,3-cd)pyrene	µg/kg	48 J	0.19 J
Naphthalene	µg/kg	27000	43
Phenanthrene	µg/kg	22000	110
Pyrene	µg/kg	2900	6.8
Total PAHs (calculated)	µg/kg	94336	236.68

Notes

% = percent.

µg/kg = microgram per kilogram.

i = method reporting limit and/or method detection limit had been elevated due to chromatographic interference.

J = analyte is an estimated quantity.

L = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.

PAHs = polycyclic aromatic hydrocarbons.

TPH = total petroleum hydrocarbons.

U = analyte not detected above the laboratory reporting limit.

UJ = analyte not detected above the estimated laboratory reporting limit.

Y = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.

Table 3-3. Site Investigation Data: Sediment
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	D1		D2		D2		D5		D6		D7	
	Sample ID	SD002		SD003		SD004		SD005		SD006		SD001	
	Date	8/15/2002		8/15/2002		8/15/2002		8/15/2002		8/15/2002		8/15/2002	
	Depth (inches)	0 - 6		0 - 6		0 - 6		0 - 6		0 - 6		0 - 6	
Analyte	Unit					Field dup							
Conventionals													
Carbon, Total Organic (TOC)	%	1.19		1.68		1.46		2.35		3.77		2.48	
pH	--	6.52		5.44		5.36		6.3		6.87		7	
Solids, Total	%	76.7		88		86.6		81.3		50.3		62.2	
Phenols													
3,4-Dichlorophenol	µg/kg	27	U	23	U	24	U	250	U	2000		980	J
3,5-Dichlorophenol	µg/kg	40	U	35	U	35	U	370	U	600	U	49	U
2,4,5-Trichlorophenol	µg/kg	66	U	57	U	58	U	620	U	1000	U	81	U
2,4,6-Trichlorophenol	µg/kg	9.2	U	8	U	8.1	U	87	U	140	U	12	U
Tetrachlorophenols, Total	µg/kg	93	U	81	U	87	J	870	U	1400	U	120	
Pentachlorophenol (PCP)	µg/kg	1900		1600		2500		11000		9900		2100	
TPH													
Diesel Range Organics (DRO)	µg/kg	140,000	Y	690,000	Y	630,000	Y	1,200,000		2,100,000		1,600,000	
Residual Range Organics (RRO)	µg/kg	550,000	O	1,900,000	O	1,700,000	O	6,000,000	O	8,900,000	O	7,000,000	O

Notes

% = percent.

µg/kg = microgram per kilogram.

J = analyte is an estimated quantity.

TPH = total petroleum hydrocarbons.

U = analyte not detected above the laboratory reporting limit.

Y = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.

Table 3-4. Site Investigation Data: Catch Basin
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	CB-01		CB-04		CB-12		CB-16		CB-18		CB-20		CB-21	
	Sample ID	SO8002		SO8004		SO8009		SO8018		SO8016		SO8019		SO8001	
	Date	10/14/2002		10/14/2002		10/15/2002		10/17/2002		10/17/2002		10/17/2002		10/14/2002	
	Depth (inches)	48 - 50		48 - 50		48 - 50		48 - 50		48 - 50		48 - 50		48 - 50	
Analyte	**Unit**														
Conventionals															
Solids, Total	%	93.7		92.2		87.1		77.4		88.5		77.8		78.7	
Phenols															
3,4-Dichlorophenol	µg/kg	2.2	U	2.2	U	12	Ui	26	U	16	Ui	41	J	21	Ui
3,5-Dichlorophenol	µg/kg	3.3	U	3.3	U	3.5	U	39	U	3.4	U	3.9	U	3.9	U
2,4,5-Trichlorophenol	µg/kg	5.4	U	5.5	U	5.8	U	65	U	5.7	U	6.5	U	6.4	U
2,4,6-Trichlorophenol	µg/kg	0.75	U	0.76	U	0.81	U	9.1	U	0.8	U	0.9	U	0.89	U
Tetrachlorophenols, Total	µg/kg	7.6	U	7.7	U	8.1	U	91	U	8	U	9.1	U	9	U
Pentachlorophenol (PCP)	µg/kg	2.2	U	13		11		750		28	J	120		62	J
TPH															
Diesel Range Organics	µg/kg	36,000	J	4,600	UJ	58,000	J	160,000	Y	86,000	Y	81,000	H	5,400	UJ
Residual Range Organics	µg/kg	130,000	J	110,000	UJ	340,000	J	630,000	O	280,000	O	700,000	O	130,000	UJ

Notes

% = percent.

µg/kg = microgram per kilogram.

H = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.

i = method reporting limit and/or method detection limit had been elevated because of chromatographic interference.

J = analyte is an estimated quantity.

TPH = total petroleum hydrocarbons.

U = analyte not detected above the laboratory reporting limit.

UJ = analyte not detected above the estimated laboratory reporting limit.

Y = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.

Table 3-5. Site Investigation Data: Synthetic Precipitation Leaching Procedure
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	D1		D2		D2		D5		D6		D7		SS05		SS07	
	Sample ID	SD002		SD003		SD004		SD005		SD006		SD001		SO040		SO043	
	Date	8/15/2002		8/15/2002		8/15/2002		8/15/2002		8/15/2002		8/15/2002		8/13/2002		8/13/2002	
Analyte	Unit					Field dup											
Phenols																	
3,4-Dichlorophenol	µg/L	0.2	U	1.9	Ui	0.2	U	0.2	U	16		5.6	Ui	0.41	Ui	1	Ui
3,5-Dichlorophenol	µg/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2,4,5-Trichlorophenol	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,6-Trichlorophenol	µg/L	0.03	U	0.03	U	0.03	U	0.03	U	0.15	J	0.11	Ui	0.03	U	0.03	U
Tetrachlorophenols, Total	µg/L	0.4	U	0.4	U	0.4	U	1	Ui	1	Ui	0.58	U	0.4	U	0.4	U
Pentachlorophenol (PCP)	µg/L	0.82		4		3.7		0.83		2.2		1.8		1.1		0.73	

Table 3-5. Site Investigation Data: Synthetic Precipitation Leaching Procedure
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	SS11		SS11		SS15		SS18A		SS20	
	Sample ID	SO030		SO031		SO015		SO021		SO012	
	Date	8/12/2002		8/12/2002		8/9/2002		8/9/2002		8/9/2002	
Analyte	Unit			Field dup							
Phenols											
3,4-Dichlorophenol	µg/L	0.53	Ui	0.2	U	0.2	U	0.2	U	0.2	U
3,5-Dichlorophenol	µg/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2,4,5-Trichlorophenol	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,6-Trichlorophenol	µg/L	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Tetrachlorophenols, Total	µg/L	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Pentachlorophenol (PCP)	µg/L	0.54		0.35	J	0.14	J	0.094	J	0.06	U

Notes

% = percent.

µg/Kg = microgram per kilogram.

i = method reporting limit and/or method detection limit had been elevated because of chromatographic interference.

J = analyte is an estimated quantity.

U = analyte not detected above the laboratory reporting limit.

Table 3-6. Ditch Excavation and Hazardous Waste Profile Sampling

Former J.H. Baxter Wood Treating Facility

Arlington, Washington

	Station	COMP-17	D1	D1	D1	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
	Sample ID	COMP-17	D1-1	D1-2	D1-3	D2-1	D2-2	D2-3	D2-4	D2-5	D2-6	D2-7	D2-8	D2-9	D2-10	D2-11	D2-12	D2-13	D2-14	D2-15
	Date	10/1/2004	10/4/2004	10/4/2004	10/4/2004	9/30/2004	9/30/2004	9/30/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/4/2004	10/4/2004	10/4/2004	10/4/2004	10/4/2004	10/4/2004
Analyte	Unit													Duplicate of D2-8						
TPH																				
Diesel Range Organics	ug/kg																			
Residual Range Organics (RRO)	ug/kg																			
Metals																				
Arsenic	mg/kg	4.9																		
Chromium	mg/kg	12																		
Phenols																				
Phenol	ug/kg	120 U																		
2,4,6-Trichlorophenol	ug/kg	120 U																		
2,3,4,6-Tetrachlorophenol	ug/kg	300 U																		
Pentachlorophenol	ug/kg	6000	3800	2300	3300	2500	2500	500 U	12000	12000	4100	11000	9200	10000	1500	1500	3000	2300	1600	2000
2,4-Dimethylphenol	ug/kg	120 U																		
PAHs																				
Acenaphthene	ug/kg	120 U																		
Anthracene	ug/kg	120 U																		
Benzo(a)anthracene	ug/kg	120 U																		
Benzo(a)pyrene	ug/kg	120 U																		
Benzo(b)fluoranthene	ug/kg	120 U																		
Benzo(k)fluoranthene	ug/kg	120 U																		
Chrysene	ug/kg	120 U																		
Dibenzo(a,h)anthracene	ug/kg	120 U																		
Fluorene	ug/kg	120 U																		
Indeno(1,2,3-CD)pyrene	ug/kg	120 U																		
Naphthalene	ug/kg	120 U																		
Phenanthrene	ug/kg	120 U																		
Pyrene	ug/kg	120 U																		
Total PAHs	ug/kg	120 U																		
Dioxins																				
2,3,7,8-TCDD	pg/g	6.74																		
1,2,3,7,8-PeCDD	pg/g	88.547																		
1,2,3,4,7,8-HxCDD	pg/g	250.168																		
1,2,3,6,7,8-HxCDD	pg/g	543.048																		
1,2,3,7,8,9-HxCDD	pg/g	494.738																		
1,2,3,4,6,7,8-HpCDD	pg/g	16899.8 B																		
OCDD	pg/g	142511 B																		
2,3,7,8-TCDF	pg/g	5.06 C																		
1,2,3,7,8-PeCDF	pg/g	15.615																		
2,3,4,7,8-PeCDF	pg/g	15.621																		
1,2,3,4,7,8-HxCDF	pg/g	113.2																		
1,2,3,6,7,8-HxCDF	pg/g	79.615																		
1,2,3,7,8,9-HxCDF	pg/g	9.175 U																		
2,3,4,6,7,8-HxCDF	pg/g	196.9																		
1,2,3,4,6,7,8-HpCDF	pg/g	3355.7 B																		
1,2,3,4,7,8,9-HpCDF	pg/g	190.61																		
OCDF	pg/g	15446																		
Total TCDD	pg/g	30.264																		
Total PeCDD	pg/g	303.23																		
Total HxCDD	pg/g	3025.7																		
Total HpCDD	pg/g	28912																		
Total TCDF	pg/g	81.34																		
Total PeCDF	pg/g	1052.7																		
Total HxCDF	pg/g	2693.3																		
Total HpCDF	pg/g	14445																		

Table 3-6. Ditch Excavation and Hazardous Waste Profile Sampling

Former J.H. Baxter Wood Treating Facility

Arlington, Washington

	Station	D2	D2
	Sample ID	D2-16	COMP
	Date	10/4/2004	9/30/2004
Analyte	**Unit**		
TPH			
Diesel Range Organics	ug/kg		110000
Residual Range Organics (RRO)	ug/kg		340000
Metals			
Arsenic	mg/kg		
Chromium	mg/kg		
Phenols			
Phenol	ug/kg		
2,4,6-Trichlorophenol	ug/kg		
2,3,4,6-Tetrachlorophenol	ug/kg		
Pentachlorophenol	ug/kg	7000	
2,4-Dimethylphenol	ug/kg		
PAHs			
Acenaphthene	ug/kg		
Anthracene	ug/kg		
Benzo(a)anthracene	ug/kg		
Benzo(a)pyrene	ug/kg		
Benzo(b)fluoranthene	ug/kg		
Benzo(k)fluoranthene	ug/kg		
Chrysene	ug/kg		
Dibenzo(a,h)anthracene	ug/kg		
Fluorene	ug/kg		
Indeno(1,2,3-CD)pyrene	ug/kg		
Naphthalene	ug/kg		
Phenanthrene	ug/kg		
Pyrene	ug/kg		
Total PAHs	ug/kg		
Dioxins			
2,3,7,8-TCDD	pg/g		
1,2,3,7,8-PeCDD	pg/g		
1,2,3,4,7,8-HxCDD	pg/g		
1,2,3,6,7,8-HxCDD	pg/g		
1,2,3,7,8,9-HxCDD	pg/g		
1,2,3,4,6,7,8-HpCDD	pg/g		
OCDD	pg/g		
2,3,7,8-TCDF	pg/g		
1,2,3,7,8-PeCDF	pg/g		
2,3,4,7,8-PeCDF	pg/g		
1,2,3,4,7,8-HxCDF	pg/g		
1,2,3,6,7,8-HxCDF	pg/g		
1,2,3,7,8,9-HxCDF	pg/g		
2,3,4,6,7,8-HxCDF	pg/g		
1,2,3,4,6,7,8-HpCDF	pg/g		
1,2,3,4,7,8,9-HpCDF	pg/g		
OCDF	pg/g		
Total TCDD	pg/g		
Total PeCDD	pg/g		
Total HxCDD	pg/g		
Total HpCDD	pg/g		
Total TCDF	pg/g		
Total PeCDF	pg/g		
Total HxCDF	pg/g		
Total HpCDF	pg/g		

Notes

% = percent.

µg/kg = microgram per kilogram.

B = analyte was detected in the associated laboratory or field blank in addition to the sample.

C = value for TCDF analyte was obtained by analysis using DB-225 confirmation column.

mg/kg = milligram per kilogram.

pg/g = picogram per gram.

PAHs = polycyclic aromatic hydrocarbons.

TPH = total petroleum hydrocarbons.

U = analyte not detected above the laboratory reporting limit.

Table 3-7. Nonaqueous-Phase Liquid (NAPL) Study Data
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	MW-12	
	Sample ID	MW-12	
	Date	9/23/2005	
Analyte	Unit		
Phenols			
Phenol	µg/kg	100,000	U
2-Chlorophenol	µg/kg	100,000	U
2,4-Dichlorophenol	µg/kg	100,000	U
4-Chloro-3-methylphenol	µg/kg	100,000	U
2,4,5-Trichlorophenol	µg/kg	100,000	U
2,4,6-Trichlorophenol	µg/kg	100,000	U
Pentachlorophenol	µg/kg	7,000,000	
2,4-Dimethylphenol	µg/kg	100,000	U
2,4-Dinitrophenol	µg/kg	200,000	U
4,6-Dinitro-2-methylphenol	µg/kg	200,000	U
2-Methylphenol	µg/kg	100,000	U
4-Methylphenol	µg/kg	100,000	U
2-Nitrophenol	µg/kg	100,000	U
4-Nitrophenol	µg/kg	200,000	U
PAHs			
2-Methylnaphthalene	µg/kg	350,000	
Anthracene	µg/kg	500,000	U
Acenaphthene	µg/kg	100,000	U
Acenaphthylene	µg/kg	100,000	U
Benzo(a)anthracene	µg/kg	100,000	U
Benzo(a)pyrene	µg/kg	100,000	U
Benzo(b)fluoranthene	µg/kg	100,000	U
Benzo(k)fluoranthene	µg/kg	100,000	U
Benzo(g,h,i)perylene	µg/kg	100,000	U
Chrysene	µg/kg	100,000	U
Dibenzo(a,h)anthracene	µg/kg	100,000	U
Fluoranthene	µg/kg	500,000	U
Fluorene	µg/kg	640,000	
Indeno(1,2,3-CD)pyrene	µg/kg	100,000	U
Naphthalene	µg/kg	170,000	
Phenanthrene	µg/kg	1,100,000	
Pyrene	µg/kg	100,000	U
Total PAHs	µg/kg	1,910,000	
SVOCs			
1,2,4-Trichlorobenzene	µg/kg	100,000	U
1,2-Dichlorobenzene	µg/kg	100,000	U
1,3-Dichlorobenzene	µg/kg	100,000	U
1,4-Dichlorobenzene	µg/kg	100,000	U
2,4-Dinitrotoluene	µg/kg	100,000	U
2,6-Dinitrotoluene	µg/kg	100,000	U
2-Chloronaphthalene	µg/kg	100,000	U
2-Nitroaniline	µg/kg	200,000	U

Table 3-7. Nonaqueous-Phase Liquid (NAPL) Study Data
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

	Station	MW-12	
	Sample ID	MW-12	
	Date	9/23/2005	
Analyte	Unit		
3,3'-Dichlorobenzidine	µg/kg	200,000	U
3-Nitroaniline	µg/kg	200,000	U
4-Bromophenyl-phenylether	µg/kg	500,000	U
4-Chloroaniline	µg/kg	100,000	U
4-Chlorophenyl-phenylether	µg/kg	100,000	U
4-Nitroaniline	µg/kg	200,000	U
Aniline	µg/kg	200,000	U
Benzoic acid	µg/kg	200,000	U
Benzyl alcohol	µg/kg	100,000	U
Bis(2-Chloroethoxy)methane	µg/kg	100,000	U
Bis(2-Chloroethyl)ether	µg/kg	100,000	U
Bis(2-Chloroisopropyl)ether	µg/kg	100,000	U
Bis(2-ethylhexyl)phthalate	µg/kg	100,000	U
Butylbenzylphthalate	µg/kg	100,000	U
Dibenzofuran	µg/kg	130,000	
Diethylphthalate	µg/kg	100,000	U
Dimethylphthalate	µg/kg	100,000	U
Di-n-butylphthalate	µg/kg	500,000	U
Di-n-octylphthalate	µg/kg	100,000	U
Hexachlorobenzene	µg/kg	500,000	U
Hexachlorobutadiene	µg/kg	100,000	U
Hexachlorocyclopentadiene	µg/kg	100,000	U
Hexachloroethane	µg/kg	100,000	U
Isophorone	µg/kg	100,000	U
Nitrobenzene	µg/kg	100,000	U
N-Nitrosodimethylamine	µg/kg	200,000	U
N-Nitroso-di-n-propylamine	µg/kg	100,000	U
N-Nitrosodiphenylamine	µg/kg	100,000	U
TPH			
Diesel Range Organics (DRO)	µg/kg	990,000,000	Y
Residual Range Organics (RRO)	µg/kg	84,000,000	L

Notes

µg/kg = microgram per kilogram.

L = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.

PAHs = polycyclic aromatic hydrocarbons.

SVOCs = semivolatile organic compounds.

TPH = total petroleum hydrocarbons.

U = analyte not detected above the laboratory reporting limit.

Y = chromatographic fingerprint of the sample resembles a petroluem product eluting in approximately the correct calibration range, but the elution pattern does not match the calibration standard.