Stand-Alone Data Document (2011)

J.H. Baxter & Company
Arlington, Washington Facility



Prepared for:

United States Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, Washington 98101

Prepared by:

J. H. Baxter Project Team
P.O. Box 10797
Eugene, Oregon 97440

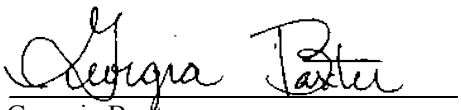
December 13, 2011

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Stand-Alone Data Document (2011)
Arlington, Washington Facility

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Signature:  Date: December 13, 2011

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

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Acronyms and Abbreviations

Arlington facility	J.H. Baxter & Co. wood treating facility in Arlington, Washington
Baxter	J.H. Baxter & Co.
CLP	Contract laboratory program
EarthCon	EarthCon Consultants, Inc. (formally Premier Environmental Services, Inc.)
NAPL	Nonaqueous phase liquid
ND	not detected
PAH	Polycyclic aromatic hydrocarbon
PCDD/PCDFs	Polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofurans
Premier	Premier Environmental Services, Inc.
SADD	Stand-alone data document
SI	Site investigation
TEF	Toxicity equivalency factor
TEQ	Toxicity equivalent quotient
TPAH	Total Polycyclic Aromatic Hydrocarbons
WHO	World Health Organization

1 Introduction and Figures

This document presents all data collected from investigations conducted at the J.H. Baxter & Co. (Baxter) Arlington, Washington, facility for the period of 1988 through October 2011. The information includes groundwater elevation data, nonaqueous phase liquid monitoring data, soil boring and well logs, and analytical data from environmental samples. Media that has been sampled at the facility include surface and subsurface soil, sediment, groundwater, and surface water (from stormwater). Figures are provided to orient the reader to locations of environmental sample collections.

The analytical data is presented in various tables by matrix and the chemical constituents analyzed (refer to the table of contents). Polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofurans (PCDD/PCDFs) and semivolatile organic compound results are compiled separately since a limited number of samples have been analyzed for these constituents.

In the analytical data tables themselves, 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).

In addition to environmental samples from soil, groundwater wells, lysimeters, and former catch basins (drains), analytical data has been included from base oil and samples collected during a test of a stormwater pilot project.

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.

Monitoring data collected during 2002 and 2004 underwent Level III validation. The data from the site investigation (SI) has been validated according to contract laboratory

program (CLP) validation procedures or Level III validation. A Level III validation was performed on the monitoring well data from 2005 to 2011. The NAPL study data, hazardous waste profile, and ditch excavation data were not validated. Data from the Supplemental Groundwater Investigation was used for screening purposes and only received a cursory level validation. A summary of the data qualifiers is provided below.

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 due to minor exceedence of quality control criteria.
UJ	The analyte was not detected. The associated reporting limit is an estimated quantity due to analytical interferences or minor exceedences of quality control criteria.
R	Analytical results are not useable due to major exceedence 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	Dioxin/furans: Indicates the value for the TCDF analyte was obtained by analysis using a DB-225 confirmation column.
E	Dioxin/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 was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP pesticides).
X	Dioxin/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 patter does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.
#	The control limit criteria is not applicable. See case narrative.

Polycyclic aromatic hydrocarbon (PAH) data have been summed using detected concentrations of acenaphthene, acenaphthylene, anthracene, benz(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 below:

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**

Figures

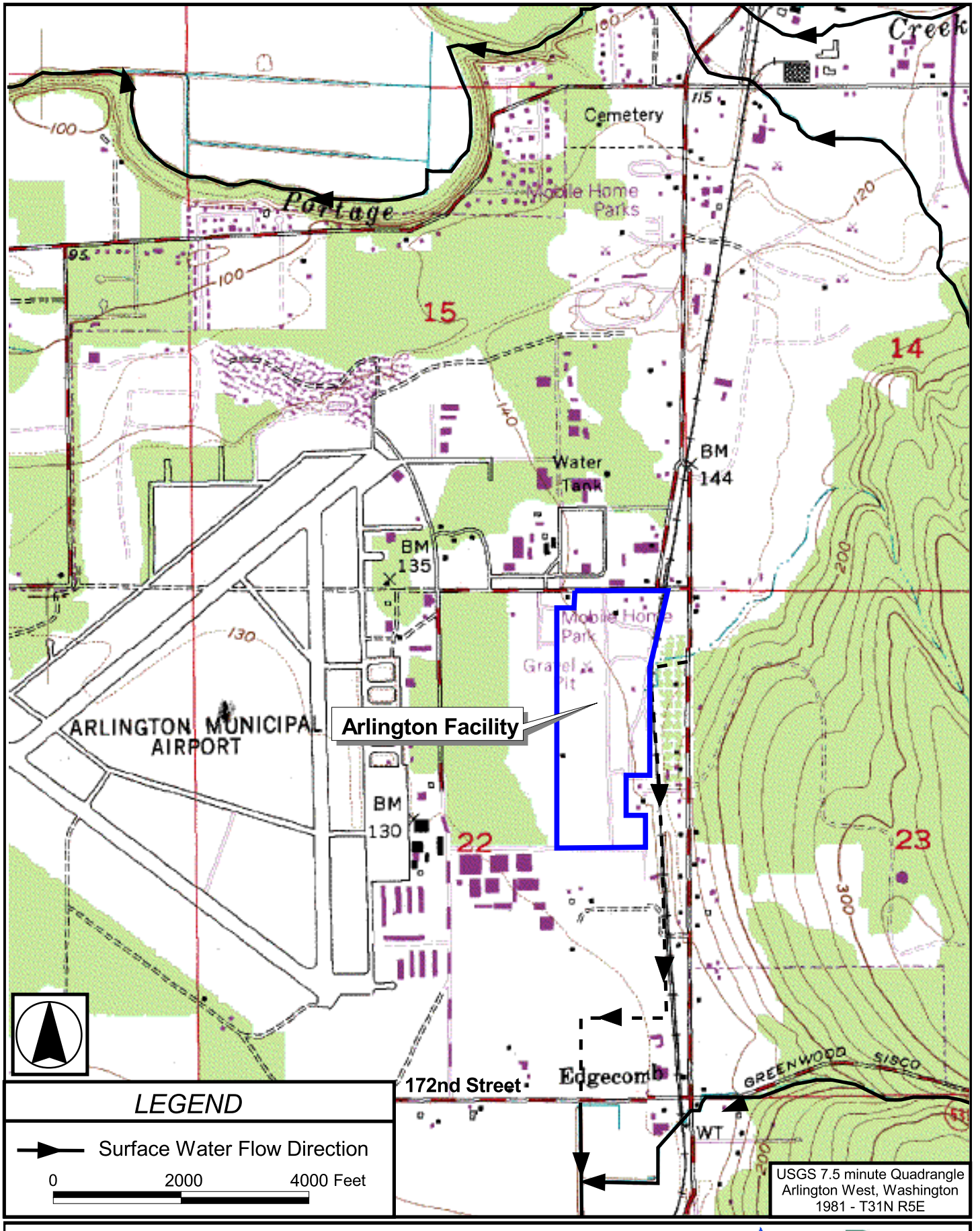
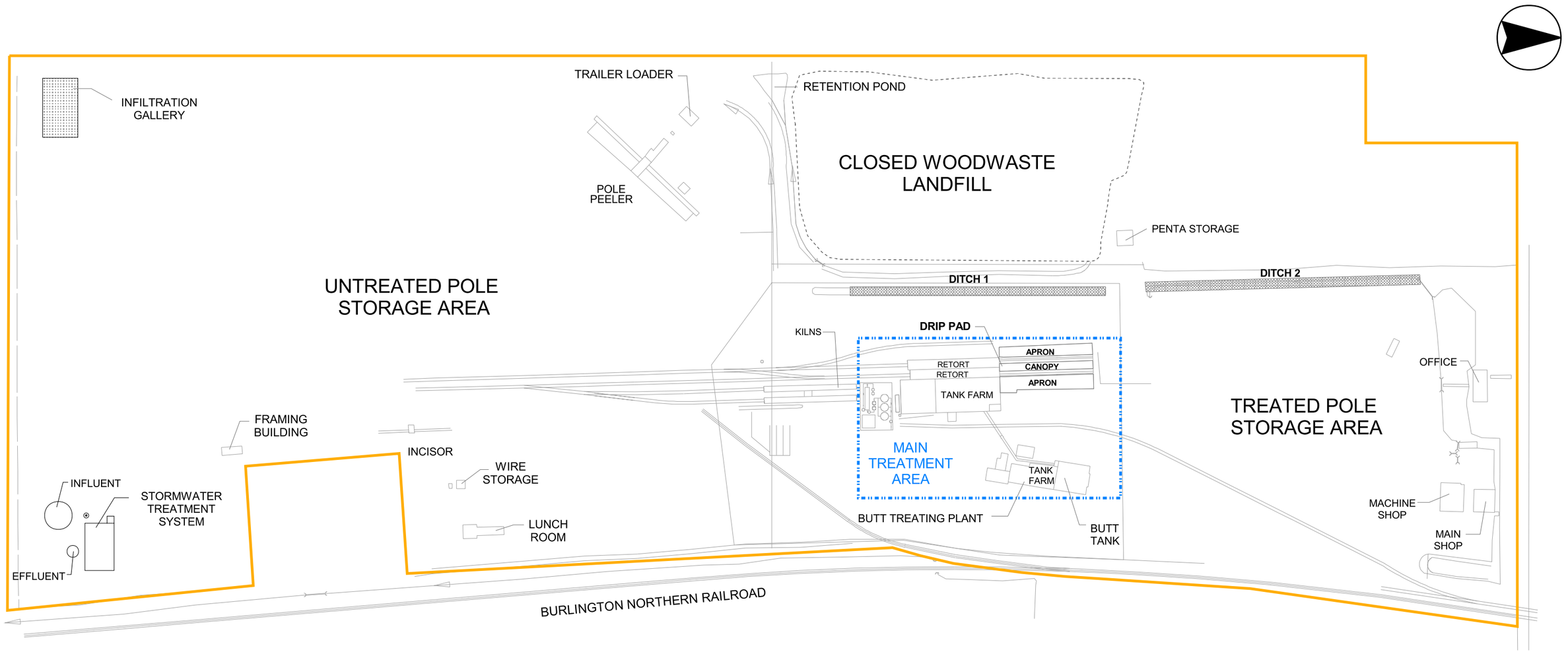


Figure 1. Site Location Map

PREMIER Baxter

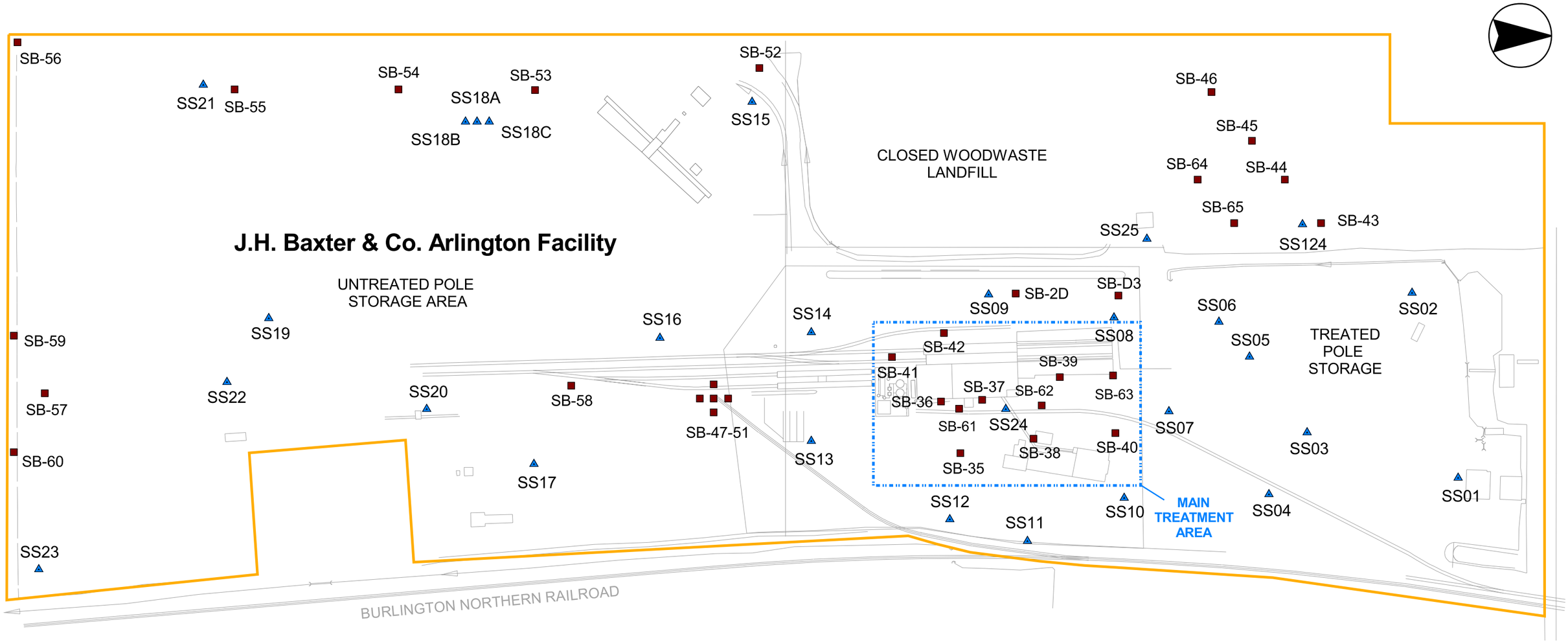


LEGEND

Approximate Site Boundary

0 200 400 Feet

Figure 2. Site Features



LEGEND

- Soil Boring Location
- Surface Soil Sample Location
- Approximate Site Boundary

0 200 400 Feet

Figure 3. Site Investigation Surface Soil Sample and Borehole Locations

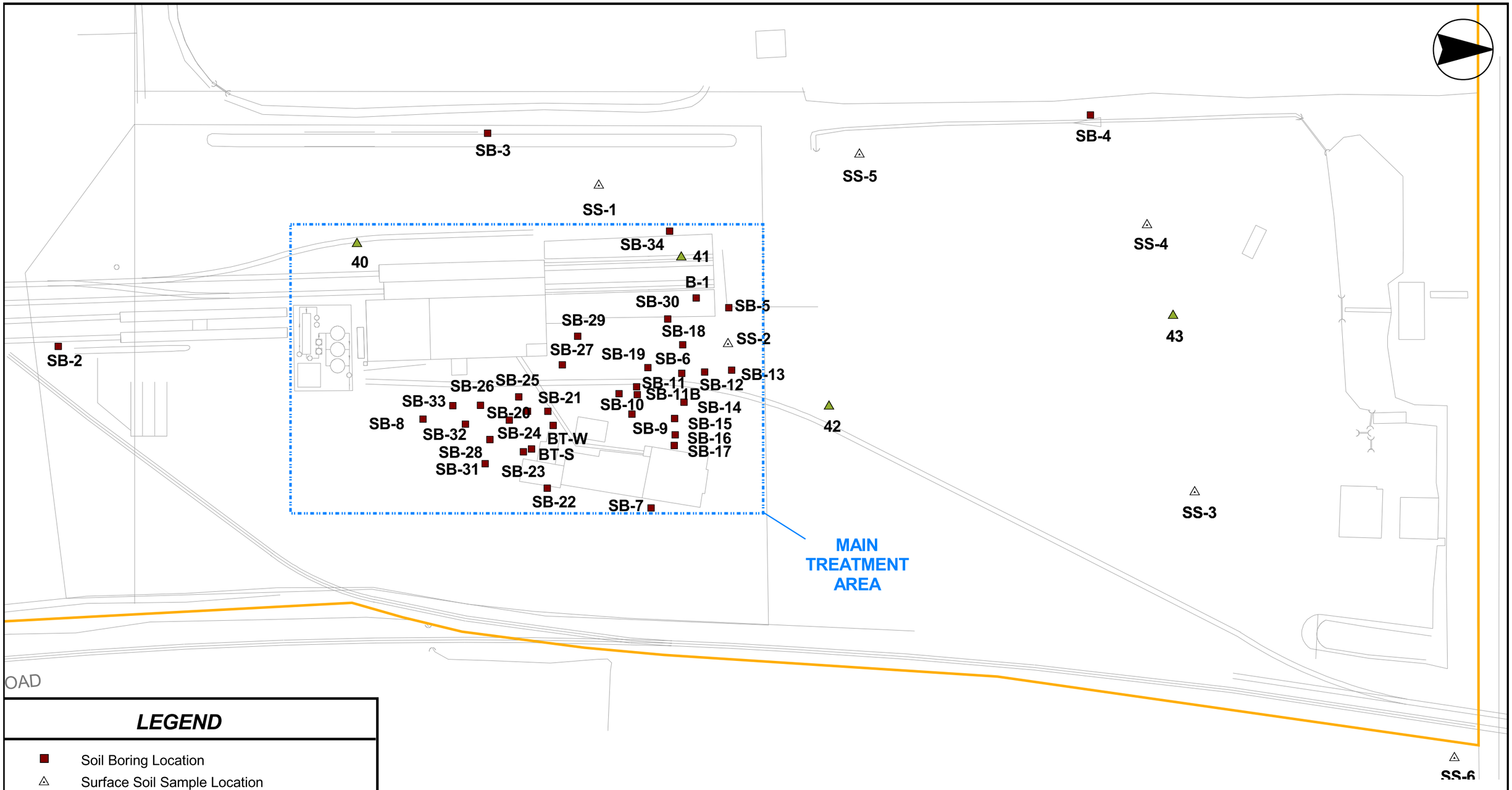


Figure 4. Historical Surface Soil and Borehole Locations (Pre-SI)

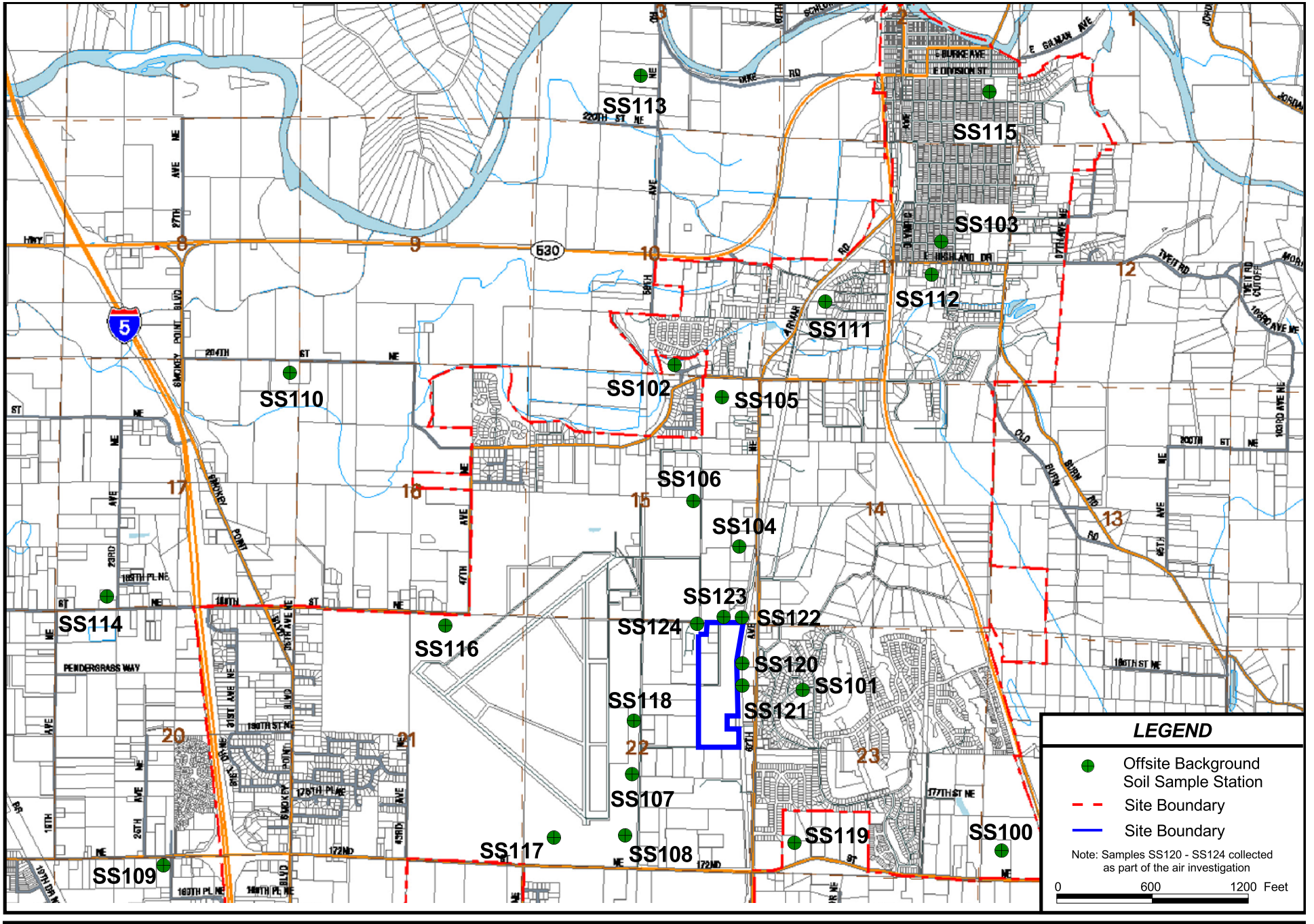
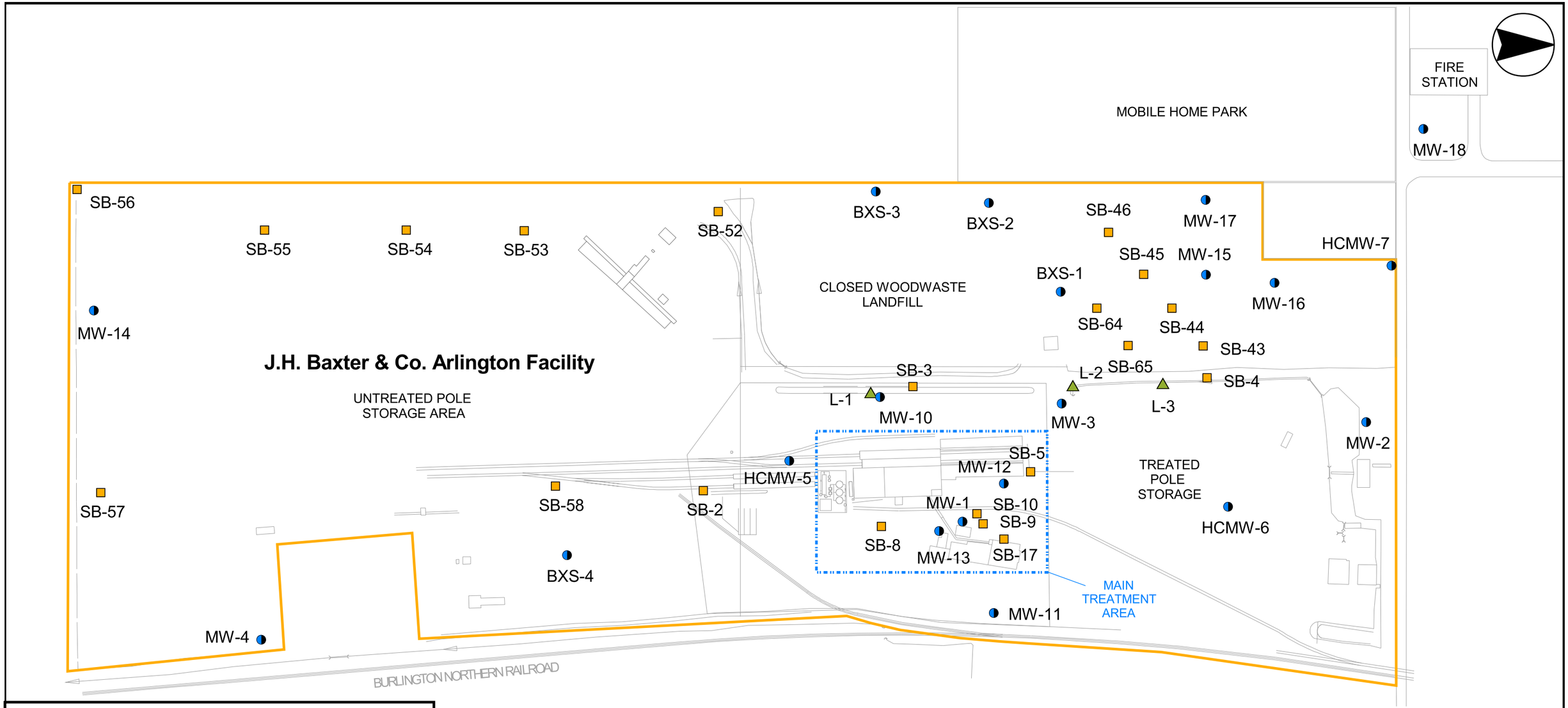


Figure 5. Offsite Surface Soil Sample Locations



LEGEND

- Monitoring Well Location
- Lysimeter Location
- Borehole with Grab Groundwater Sample
- Approximate Site Boundary

0 200 400 Feet

Figure 6. Groundwater Monitoring Wells and Lysimeter Locations

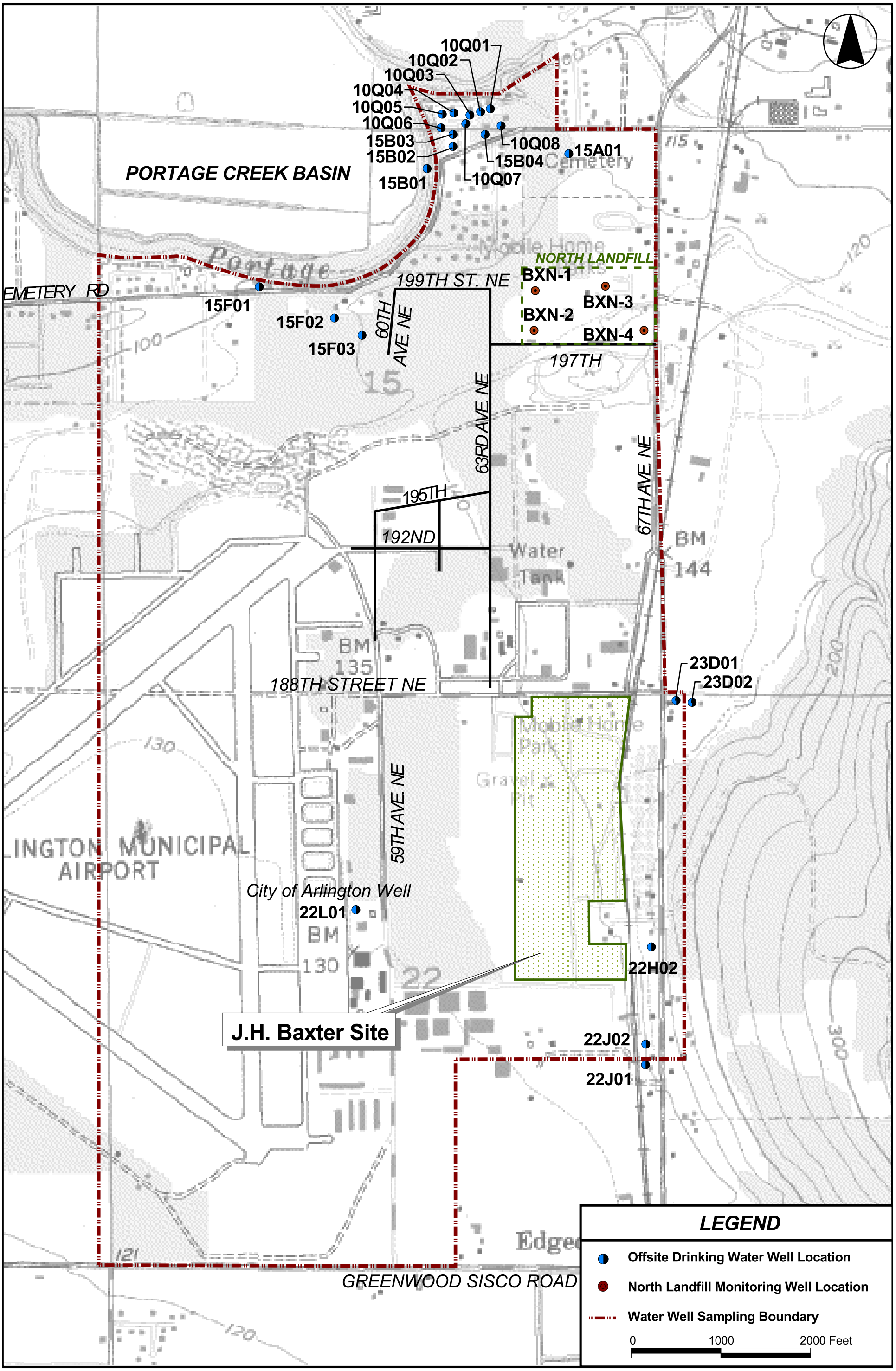
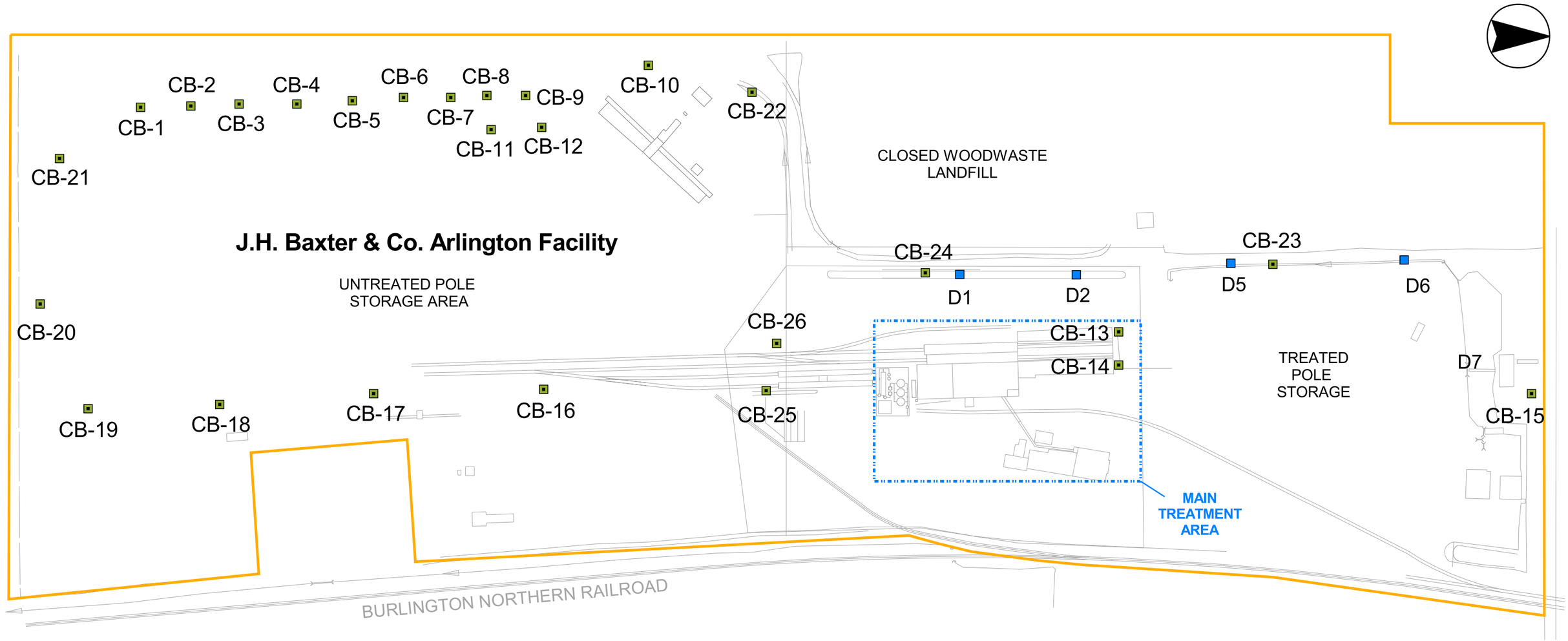


Figure 7. Offsite Drinking Water and Monitoring Well Locations



LEGEND

- Catch Basin Location
- Ditch Sample Location
- Approximate Site Boundary

0 200 400 Feet

Figure 8. Sediment and Surface Water Samples

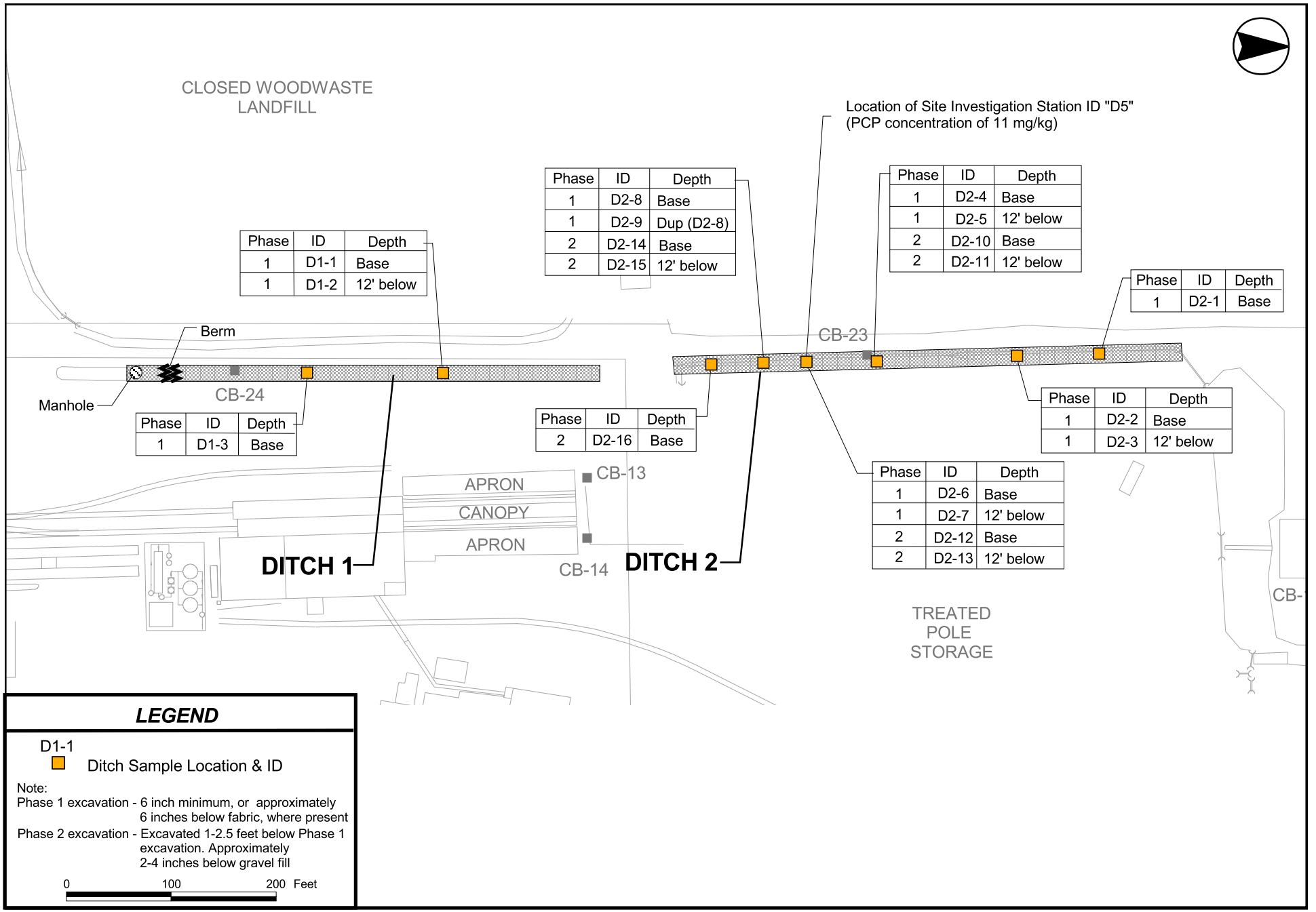


Figure 9. Ditch Excavation Sample Locations



AERIAL: MAY 2009, GOOGLE

LEGEND

- MW-1 ⊕ MONITORING WELL
- MW-12 ● LNAPL RECOVERY WELL
- EW-1 ■ EXTRACTION WELL AND VAULT IDENTIFYING NUMBER
- APPROXIMATE SITE BOUNDARY
- LAYOUT OF GROUNDWATER RECIRCULATION PIPING

0 110 220

APPROXIMATE SCALE IN FEET

GROUNDWATER MONITORING NETWORK
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

By: APS	Date: 11/17/10	Project No. 0127060010
AMEC Geomatrix		Figure 10

Plot Date: 11/17/10 - 12:10pm, Plotted by: adam.stenberg
Drawing Path: S:\127060\14_WellNetwork\, Drawing Name: Baxter_WellNetwork_101710.dwg

PCP Conc. (ug/l)

500
300
100
50
10
1

BXS-3 [NS]
BXS-2 [ND]
MW-17 [ND]
MW-18 [ND]
MW-37 [770]
MW-31 [ND]
MW-15 [200]
MW-16 [ND]
HCMW-7 [NS]
BXS-1 [66]
MW-36 [270]
MW-28 [0.75]
EW-1
EW-2
EW-3
MW-29 [1,300]
EW-4
MW-34 [1,200]
MW-30 [ND]
MW-10 [NS]
MW-22 [130]
MW-23 [500]
MW-3 [480]
MW-33 [50]
EW-5
MW-35 [ND]
MW-24 [180]
MW-2 [ND]
MW-32 [1,700]
MW-25 [230]
EW-6
HCMW-5 [NS]
MW-27 [0.48]
TREATING PLANT
MW-21
MW-12
EW-7
MW-26 [ND]
MW-19
MW-20
HCMW-6 [NS]
MW-1 [NS]
MW-13
LAB
SHOP
BUTT TREATING AREA
188TH STREET N.E.

PCP Plume Stability Data Summary

Plume Area: 4.4 Acres
Plume Avg. Concentration: 116 µg/l
Plume Mass: 12.4 Pounds

LEGEND

- MW-24 [180] — Monitoring Well and PCP Concentration (ug/l)
- LNAPL Recovery Well
- Groundwater Extraction Well
- Infiltration Gallery
- ND — PCP Not Detected
- NS — Not Sampled
- PCP Plume Center of Mass
- 107 — Groundwater Elevation Isopleth

0 100 200
SCALE IN FEET

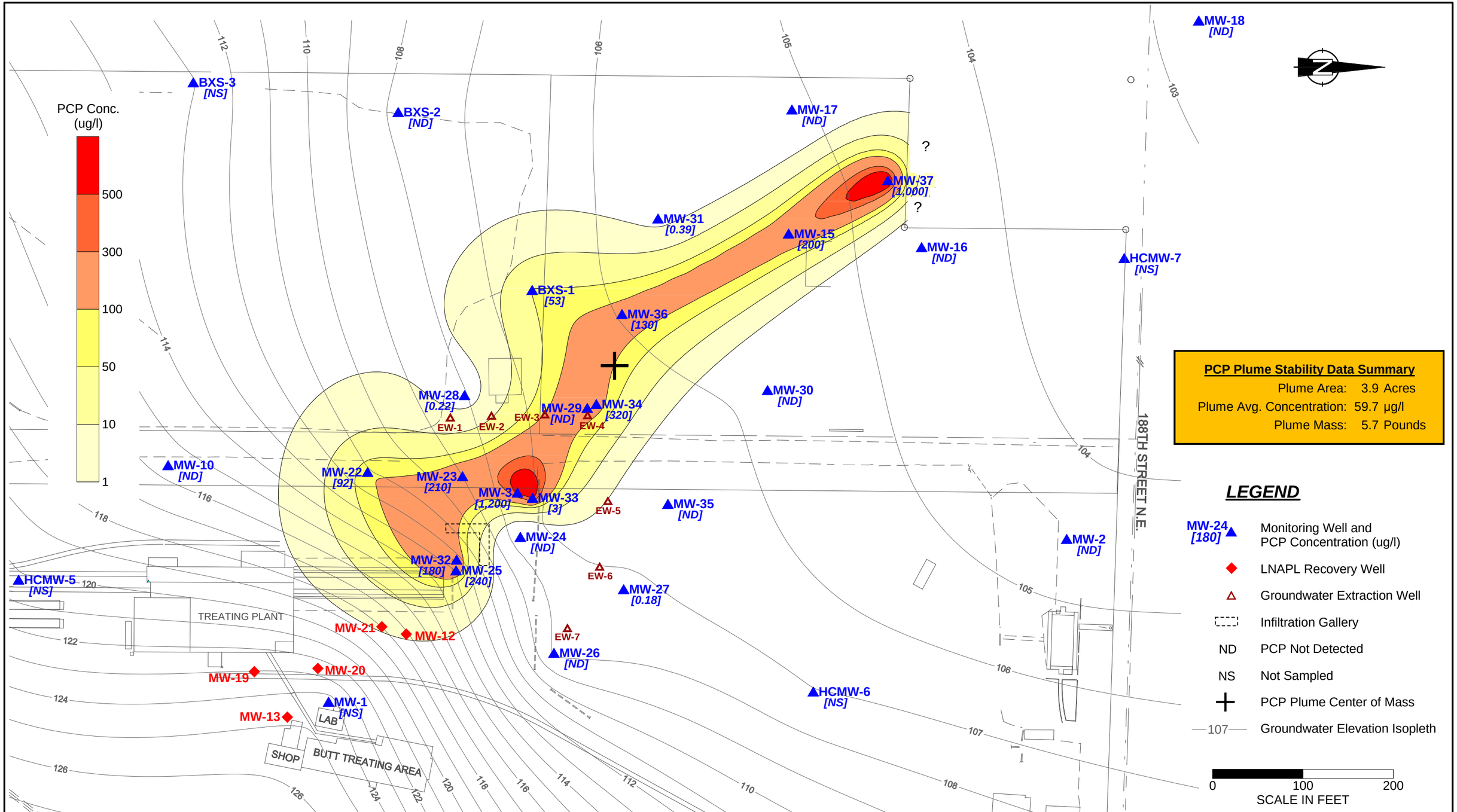
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - JANUARY 2008
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 02/06/09

Figure 11



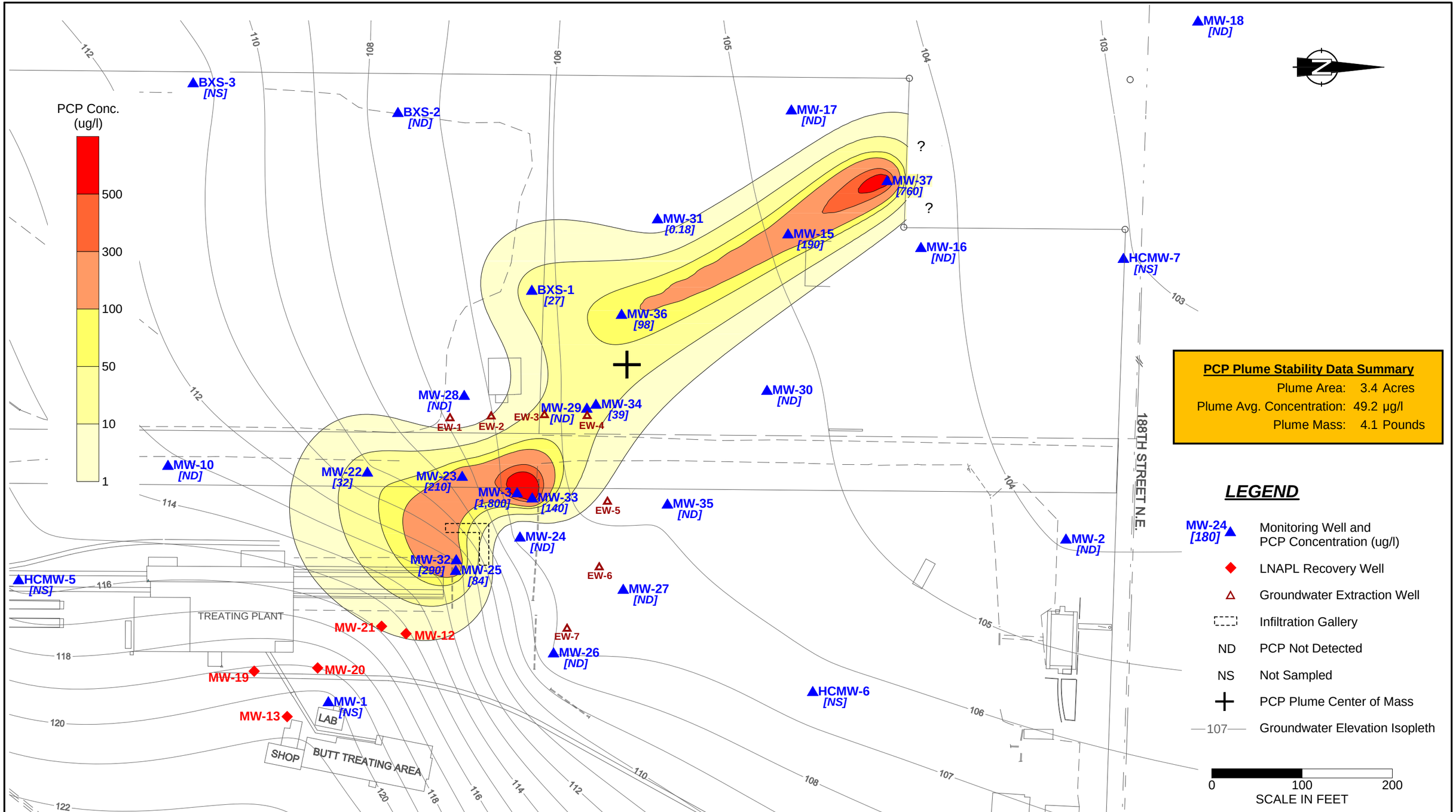
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - APRIL 2008
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 02/06/09

Figure 12



PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - JULY 2008
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 02/06/09

Figure 13

PCP Conc. (ug/l)

500
300
100
50
10
1

▲BXS-3 [NS]
▲BXS-2 [ND]
▲MW-17 [ND]
▲MW-18 [ND]
▲MW-37 [250]
▲MW-31 [0.42]
▲MW-15 [230]
▲MW-16 [7.3]
▲HCMW-7 [ND]
▲BXS-1 [26]
▲MW-36 [63]
▲MW-30 [ND]
▲MW-28 [0.08]
▲MW-29 [7.5]
▲MW-34 [270]
EW-1
EW-2
EW-3
EW-4
▲MW-10 [NS]
▲MW-22 [15]
▲MW-23 [63]
▲MW-3 [1,700]
▲MW-33 [250]
EW-5
▲MW-35 [ND]
▲MW-24 [2.2]
▲MW-2 [ND]
▲MW-32 [390]
▲MW-25 [57]
EW-6
▲MW-27 [0.23]
▲HCMW-5 [NS]
TREATING PLANT
MW-21
MW-12
EW-7
▲MW-26 [0.61]
MW-19
MW-20
▲HCMW-6 [NS]
▲MW-1 [NS]
MW-13
LAB
SHOP
BUTT TREATING AREA
188TH STREET N.E.

?
?
?

102 103 104 106 108 110 112 114 116 118 120

PCP Plume Stability Data Summary

Plume Area: 4.2 Acres
Plume Avg. Concentration: 40.7 µg/l
Plume Mass: 4.1 Pounds

LEGEND

- ▲MW-24 [180] — Monitoring Well and PCP Concentration (ug/l)
- ◆ — LNAPL Recovery Well
- △ — Groundwater Extraction Well
- ⬚ — Infiltration Gallery
- ND — PCP Not Detected
- NS — Not Sampled
- ＋ — PCP Plume Center of Mass
- —107— — Groundwater Elevation Isopleth

0 100 200
SCALE IN FEET

PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - OCTOBER 2008
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 02/06/09

Figure 14

PCP Conc. (ug/l)

500

300

100

50

10

1

BXS-3▲ [NS]

BXS-2▲ [ND]

MW-17▲ [ND]

MW-18▲ [ND]

MW-37 [770]

MW-31▲ [0.33]

MW-15▲ [190]

MW-16▲ [ND]

HCMW-7▲ [ND]

BXS-1▲ [38]

MW-36▲ [29]

MW-30▲ [ND]

MW-28▲ [ND]

EW-1

EW-2

EW-3

MW-29▲ [ND]

EW-4

MW-34▲ [ND]

MW-10▲ [NS]

MW-22▲ [5.5]

MW-23▲ [170]

MW-3▲ [ND]

MW-33▲ [26]

EW-5

MW-35▲ [ND]

MW-24▲ [ND]

MW-32▲ [200]

MW-25▲ [30]

MW-2▲ [ND]

EW-6

MW-27▲ [ND]

HCMW-5▲ [NS]

TREATING PLANT

MW-21◆

MW-12◆

EW-7

MW-26▲ [ND]

MW-19◆

MW-20◆

HCMW-6▲ [NS]

MW-1▲ [NS]

MW-13◆

LAB

SHOP

BUTT TREATING AREA

188TH STREET N.E.

N

PCP Plume Stability Data Summary

Plume Area: 2.7 Acres

Plume Avg. Concentration: 36.3 µg/l

Plume Mass: 2.4 Pounds

LEGEND

- MW-24▲ [180] — Monitoring Well and PCP Concentration (ug/l)
- ◆ — LNAPL Recovery Well
- △ — Groundwater Extraction Well
- ▭ — Infiltration Gallery
- ND — PCP Not Detected
- NS — Not Sampled
- + — PCP Plume Center of Mass
- 107 — Groundwater Elevation Isopleth

0 100 200

SCALE IN FEET

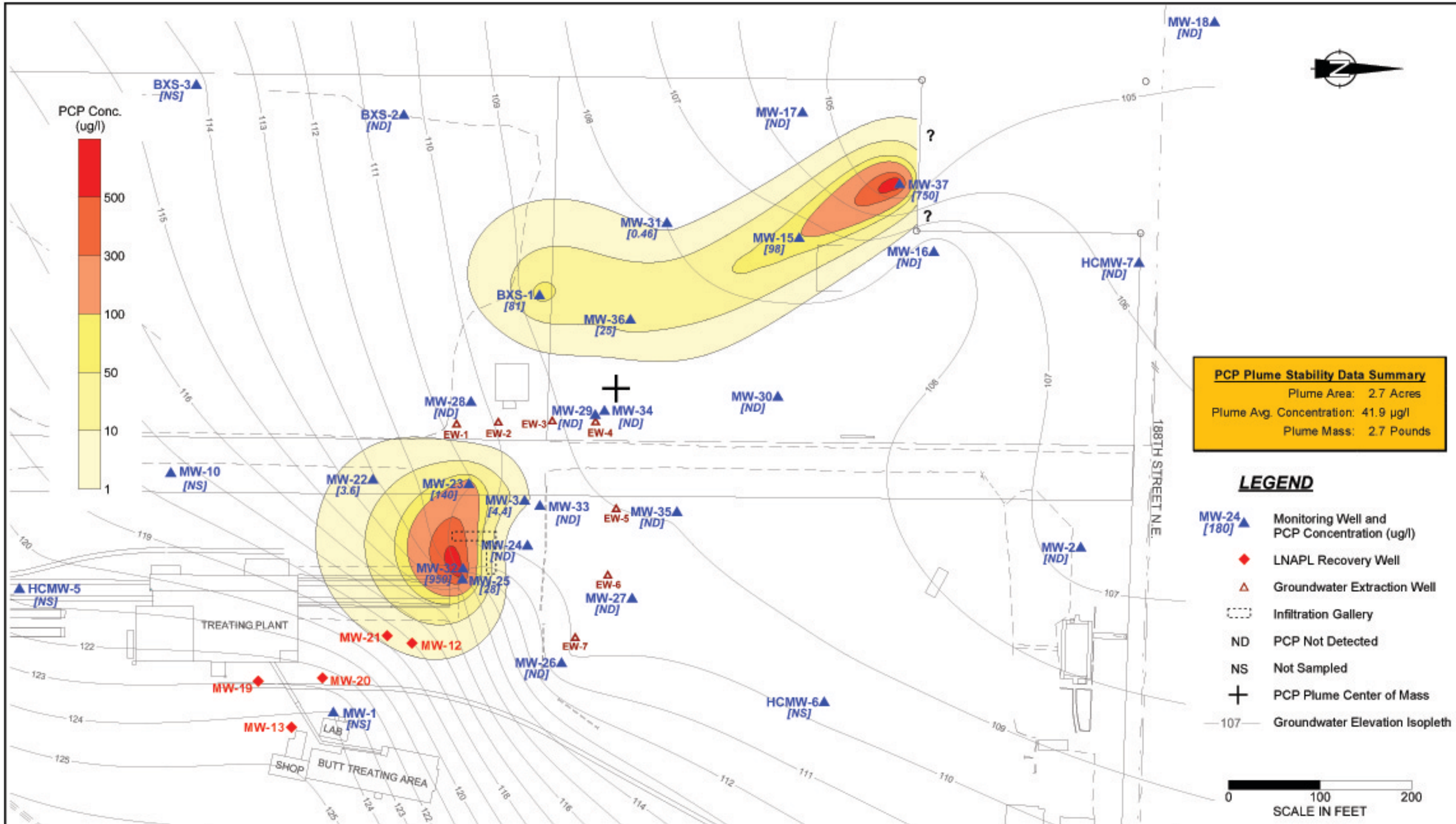
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - FEBRUARY 2009
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 05/13/09

Figure 15



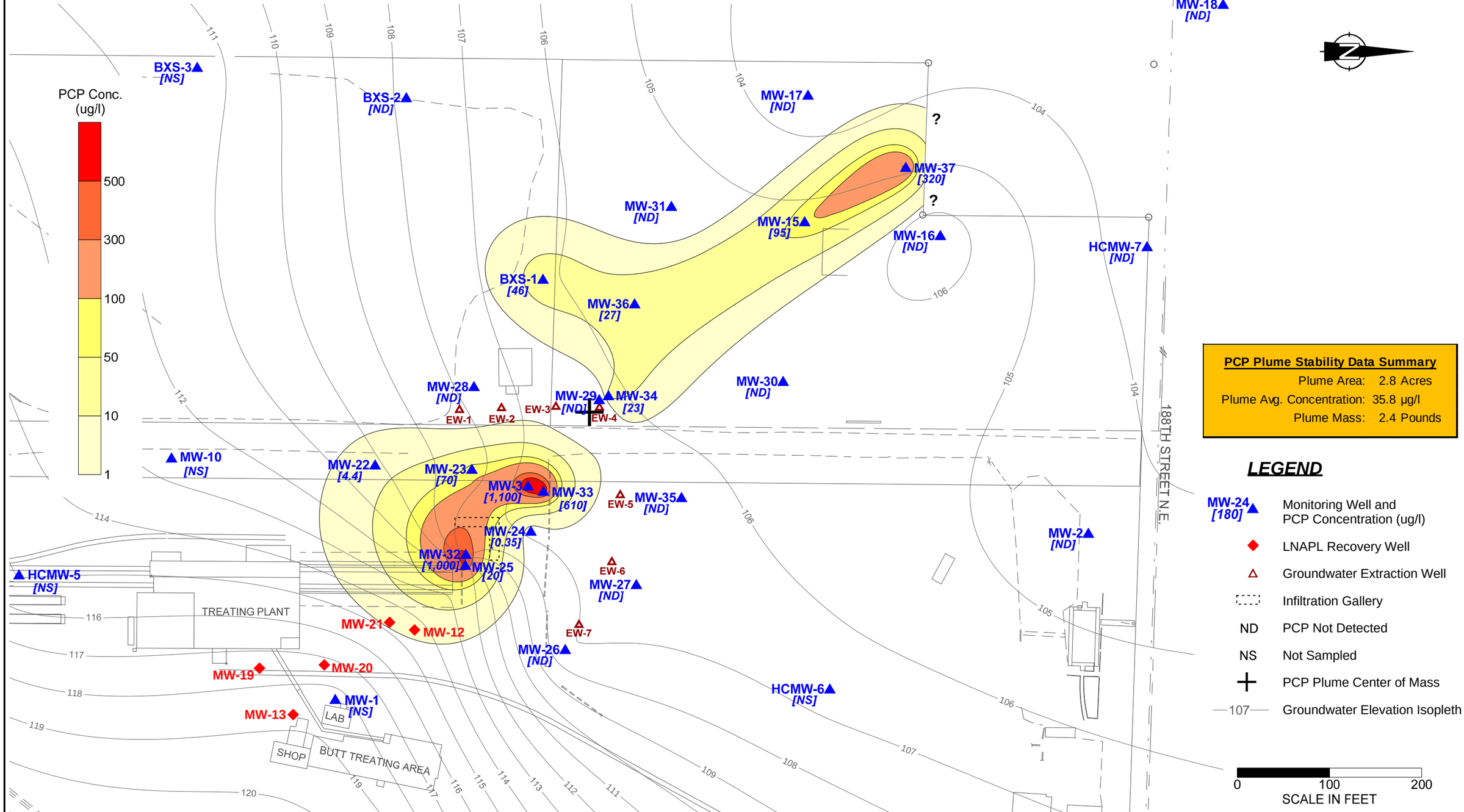
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - May 2009
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 07/20/09

Figure 16



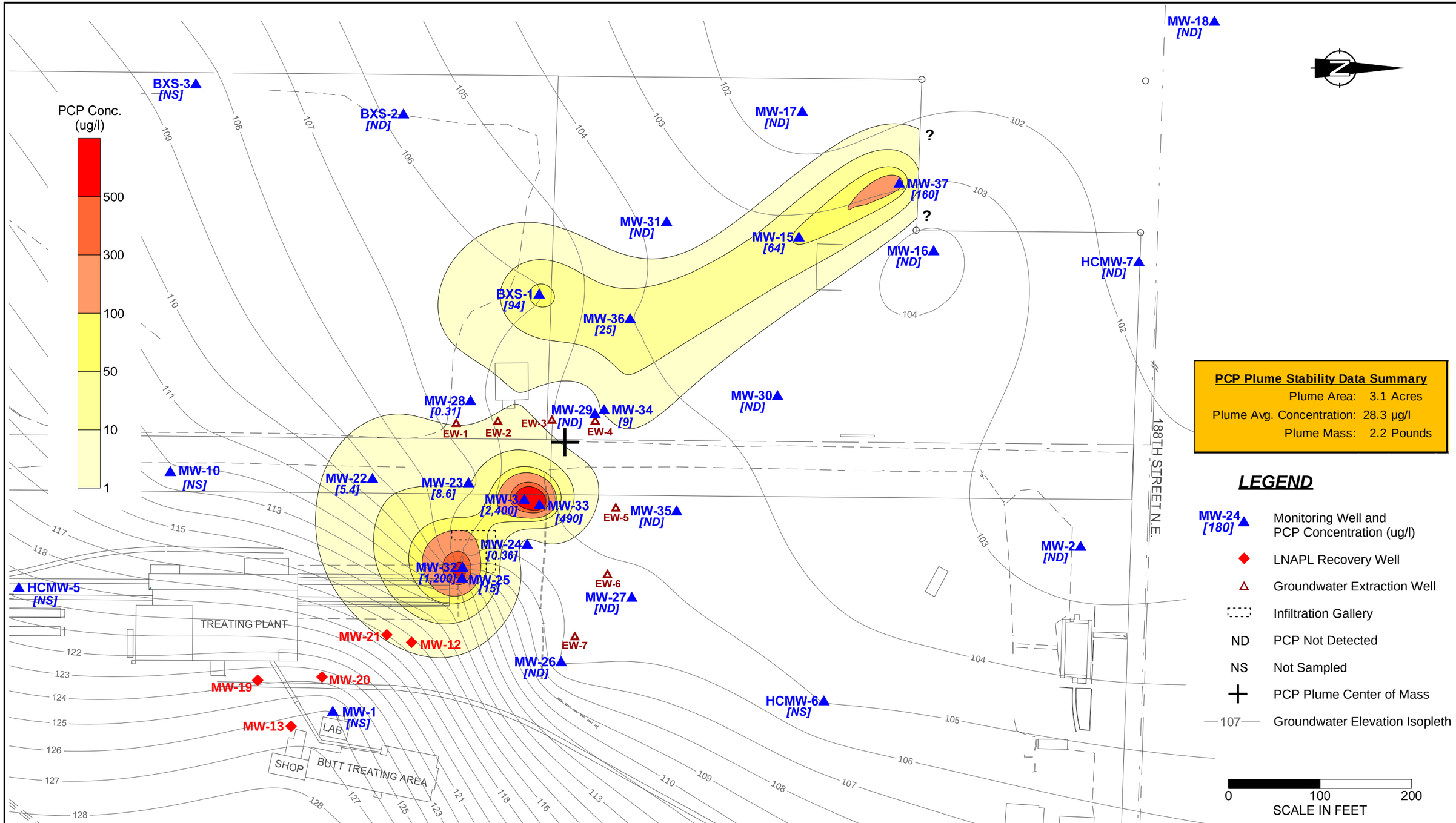
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - August 2009
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 10/7/09

Figure 17



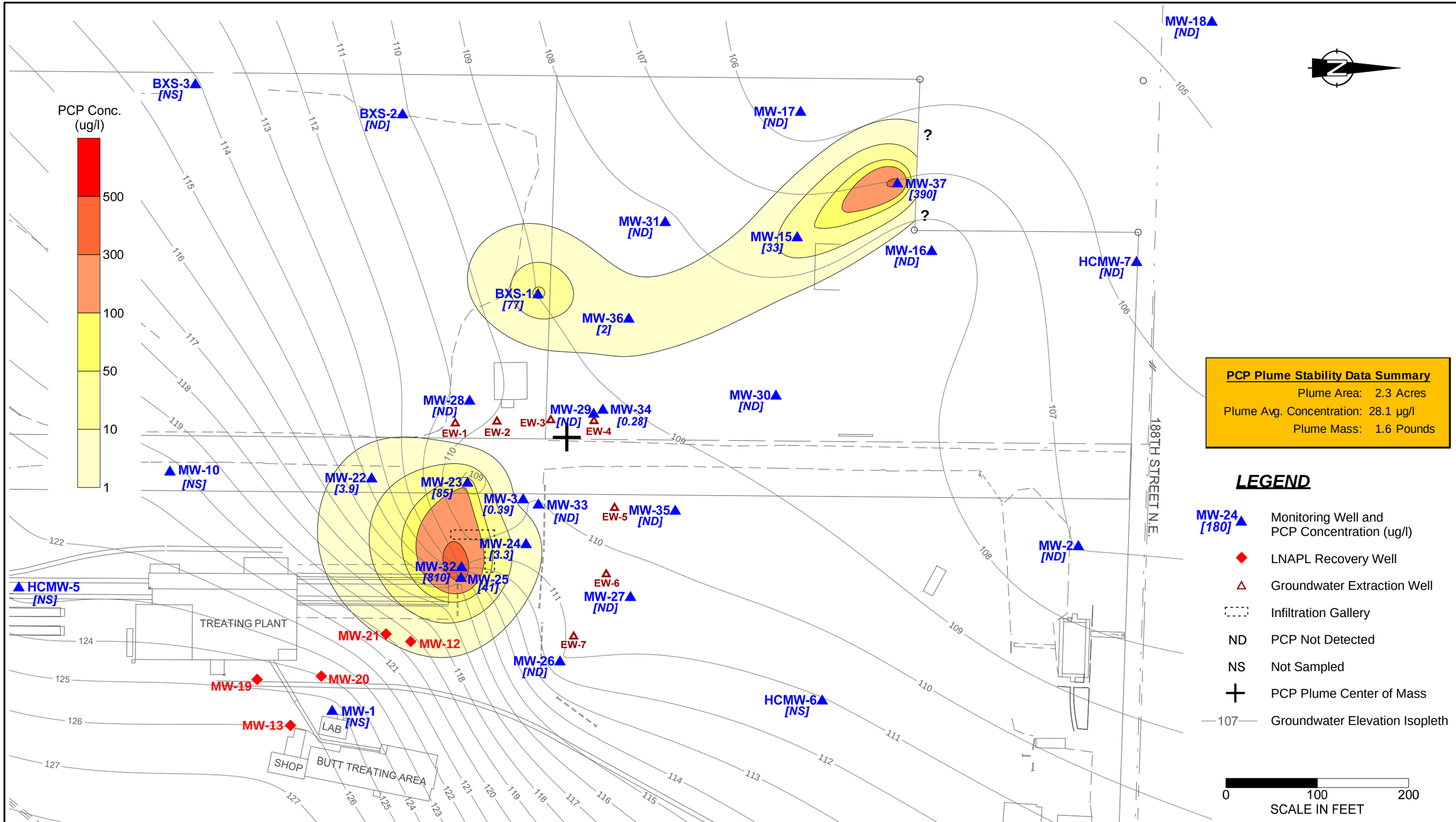
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - November 2009
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 1/26/10

Figure 18



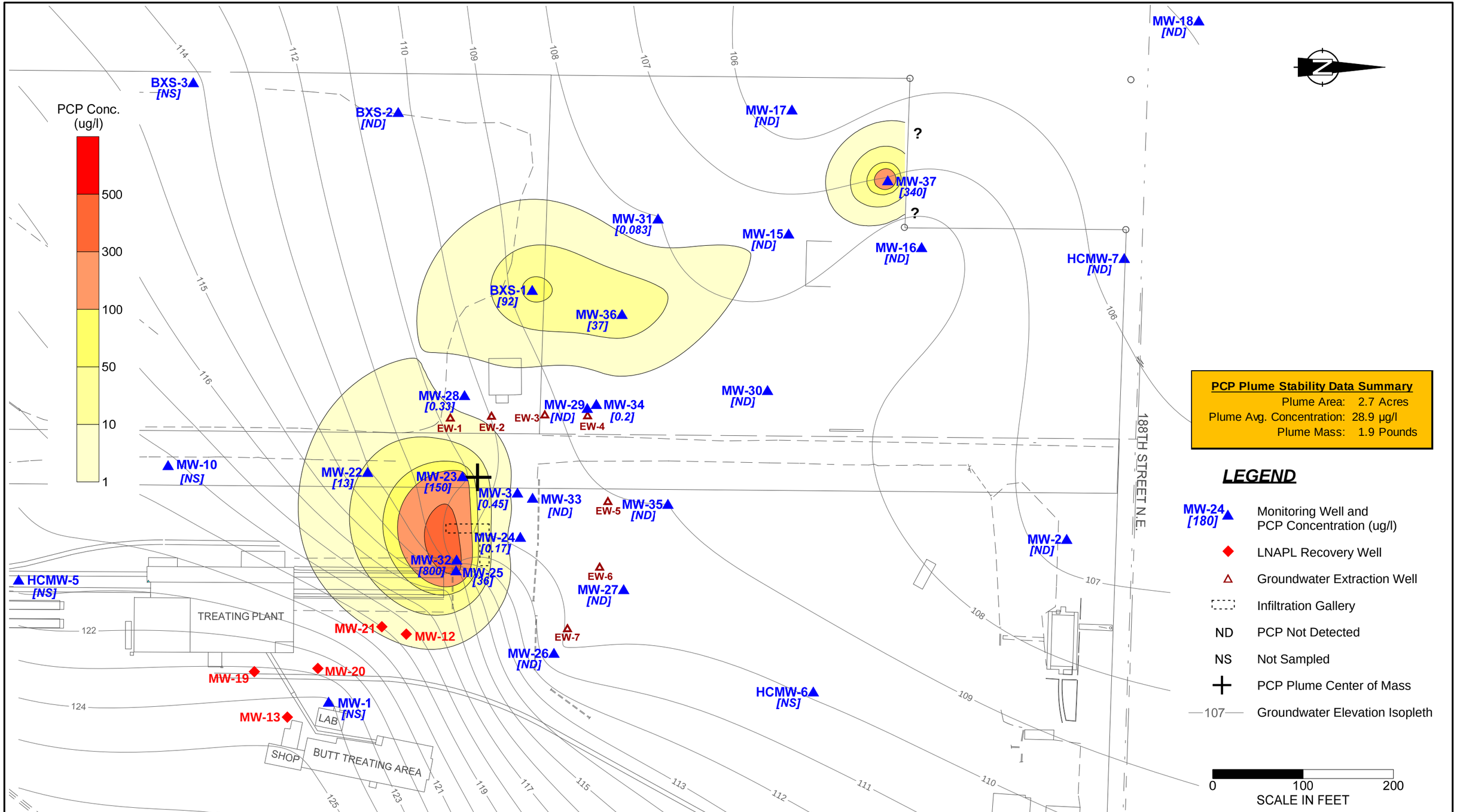
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - February 2010
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 4/30/10

Figure 19



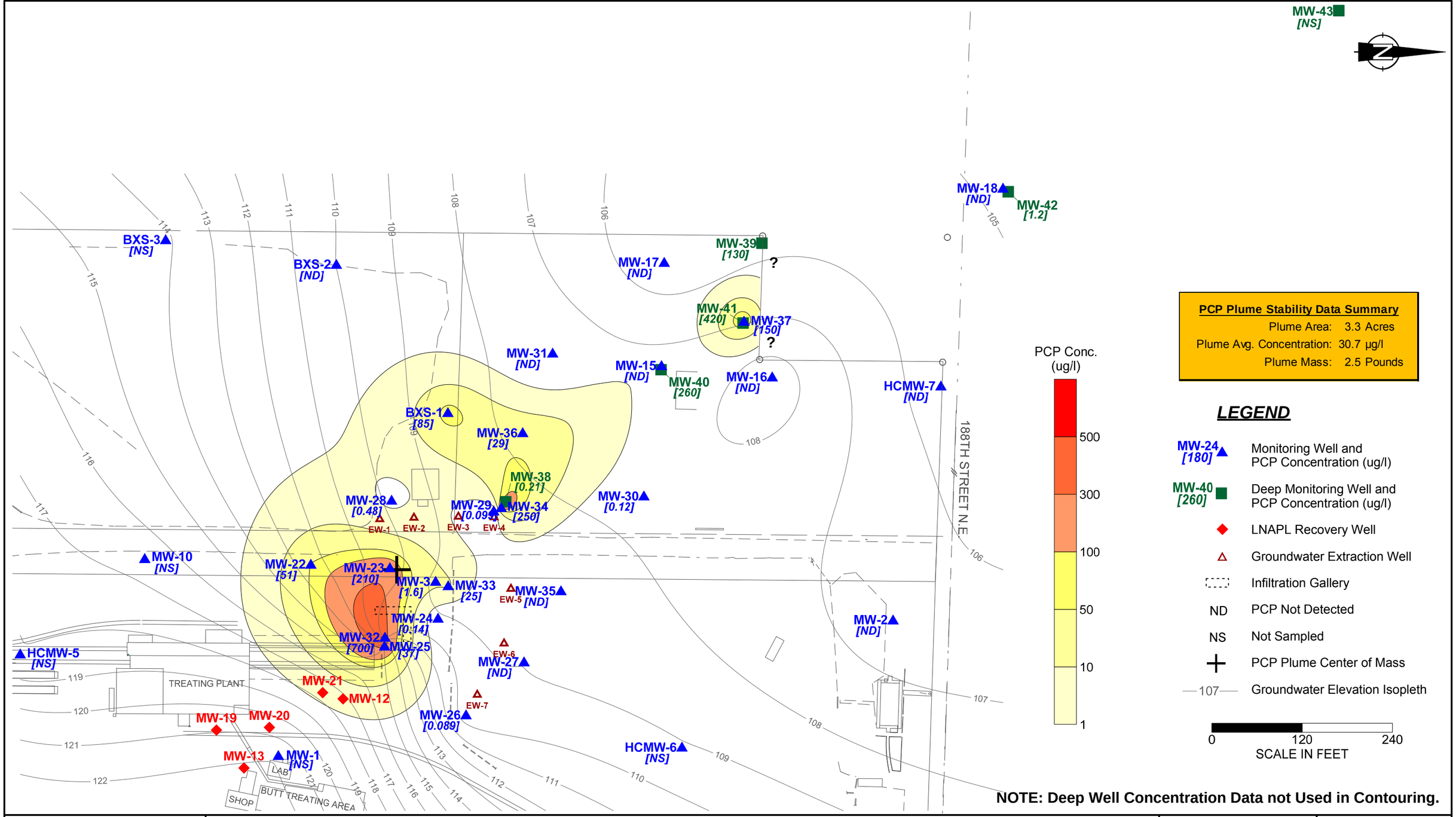
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - May 2010
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 8/26/10

Figure 20



NOTE: Deep Well Concentration Data not Used in Contouring.

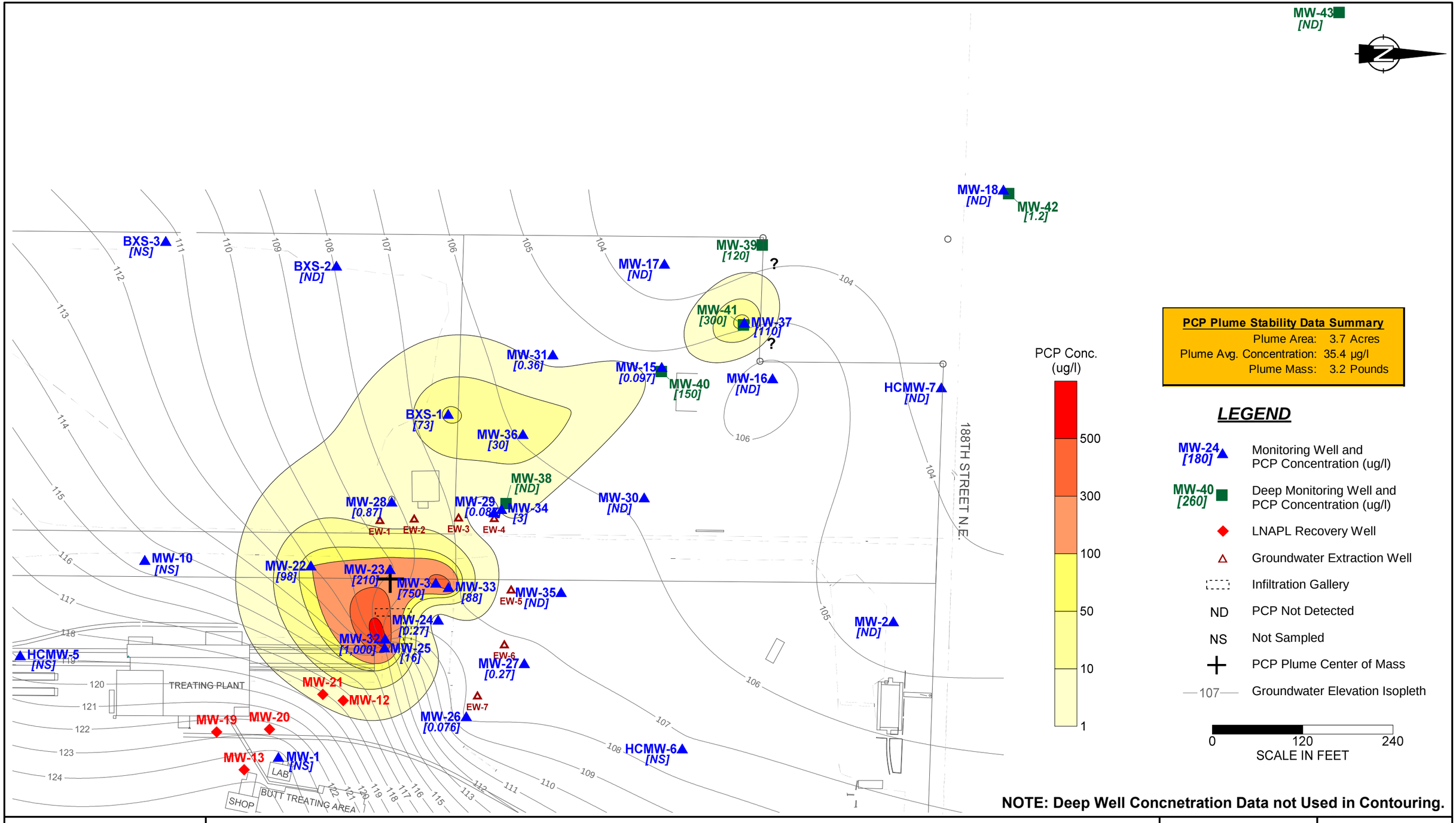
PREMIER ENVIRONMENTAL SERVICES, INC

PENTACHLOROPHENOL ISOPLETH MAP - August 2010
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 11/19/10

FIGURE 21



NOTE: Deep Well Concnetration Data not Used in Contouring.

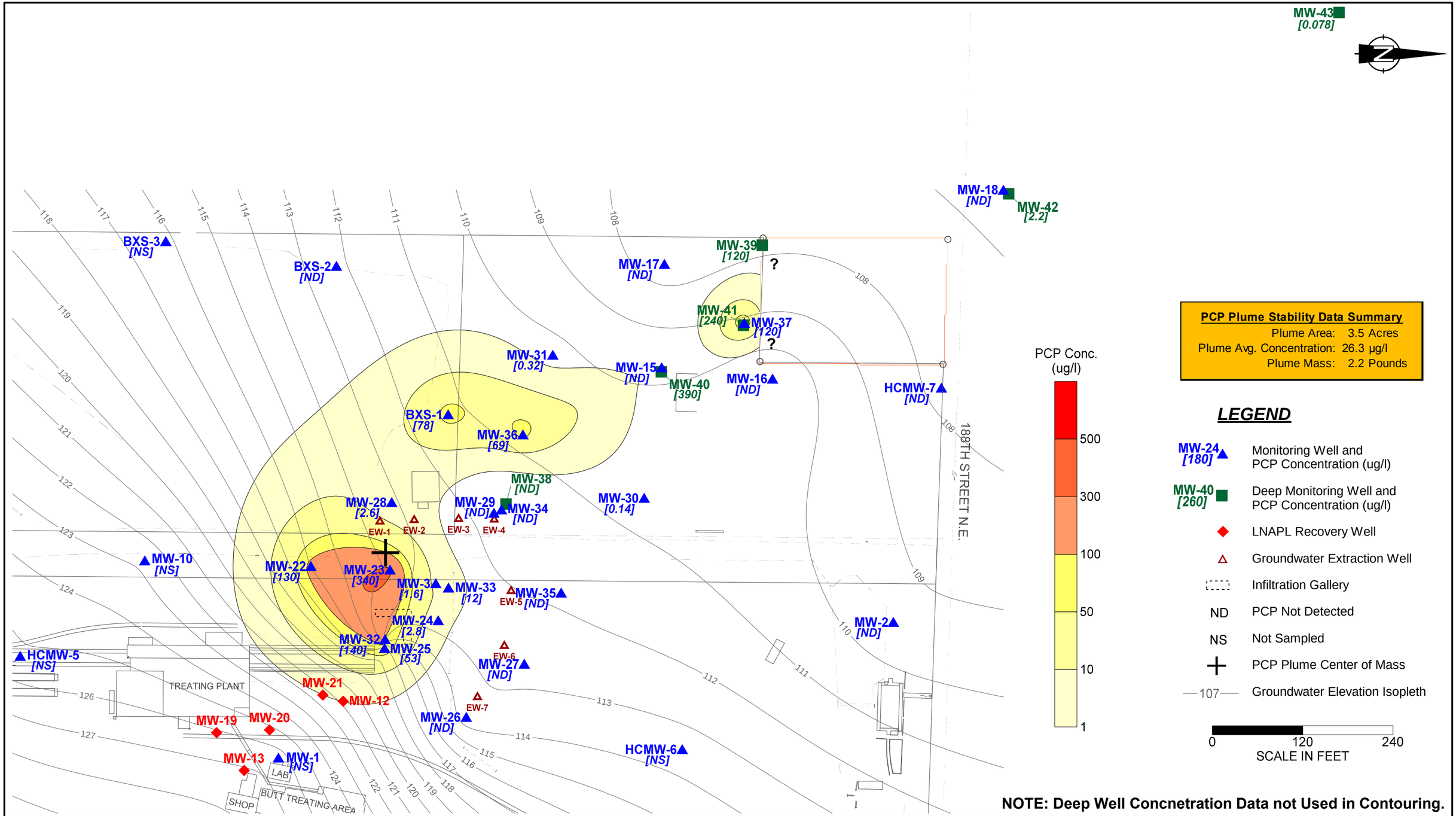
EARTHCON℠
Environmental Challenges
BUSINESS SOLUTIONS

PENTACHLOROPHENOL ISOPLETH MAP - November 2010
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: KMG

Date: 12/2/2011

Figure 22



NOTE: Deep Well Concnetration Data not Used in Contouring.

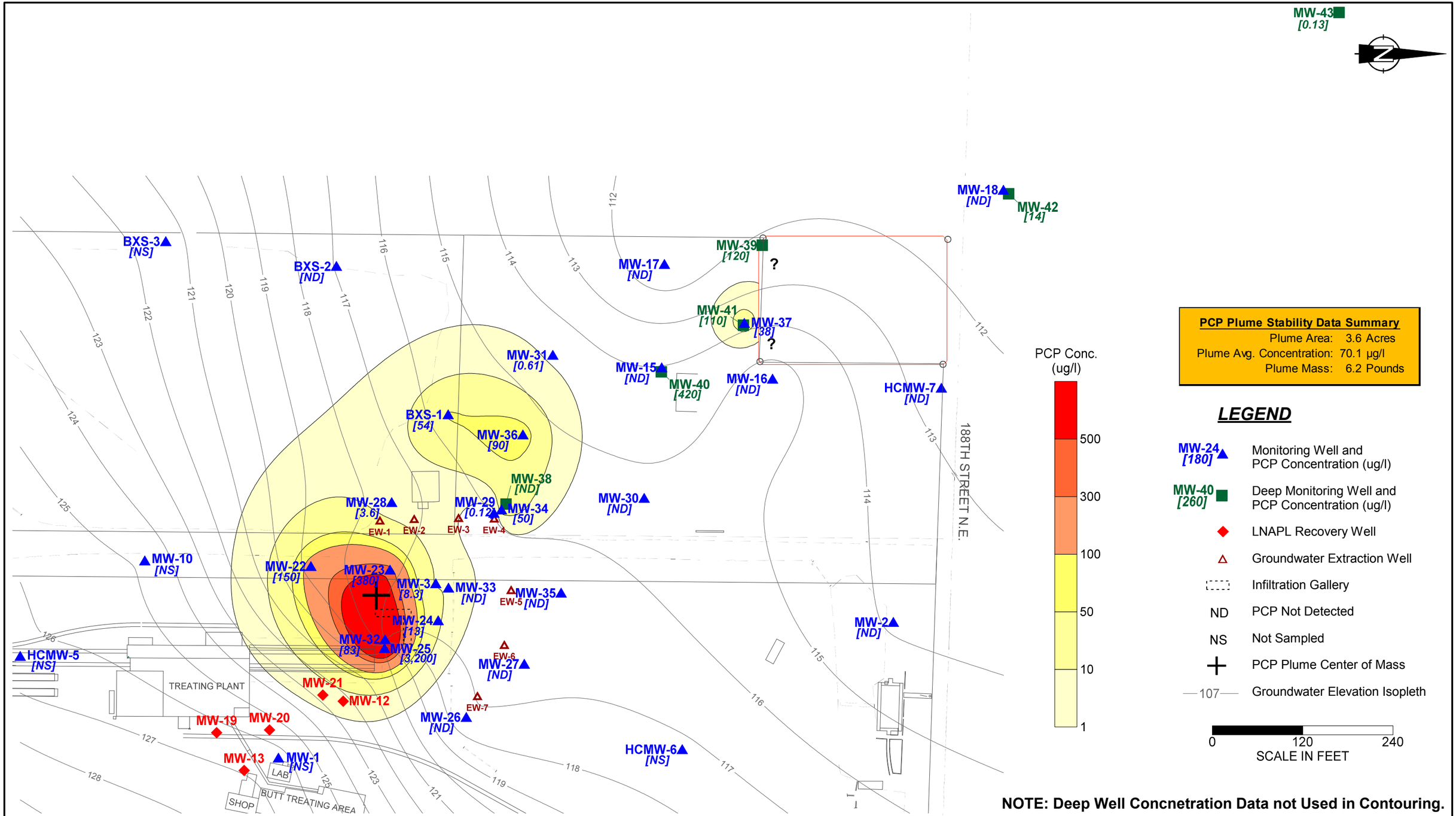
EARTHCON℠
Environmental Challenges
BUSINESS SOLUTIONS

PENTACHLOROPHENOL ISOPLETH MAP - February 2011
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: KMG

Date: 12/2/2011

Figure 23



NOTE: Deep Well Concnetration Data not Used in Contouring.

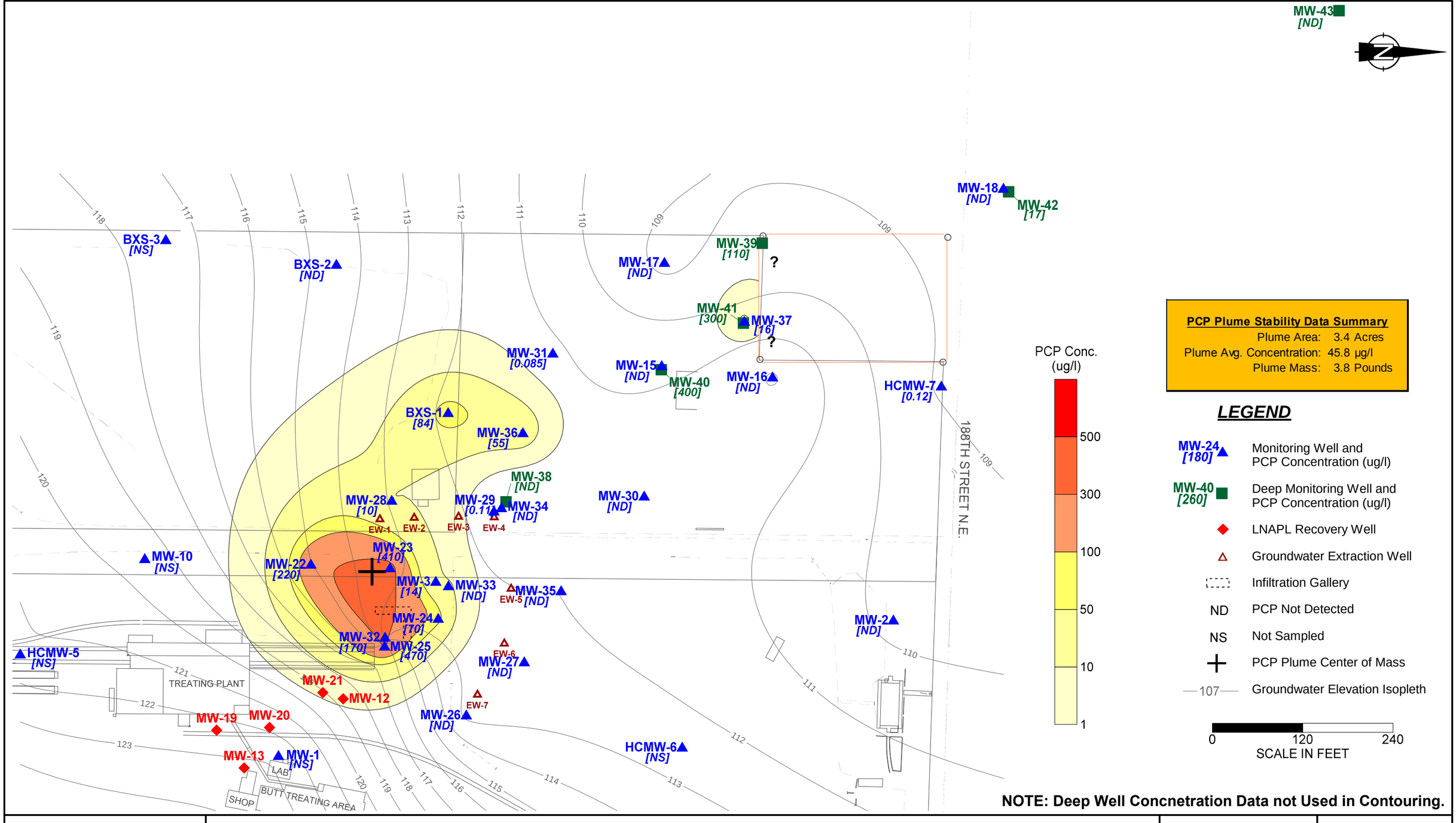
EARTHCON℠
Environmental Challenges
BUSINESS SOLUTIONS

PENTACHLOROPHENOL ISOPLETH MAP - May 2011
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: JAR

Date: 10/18/11

Figure 24



NOTE: Deep Well Concnetration Data not Used in Contouring.

EARTHCON™
Environmental Challenges
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PENTACHLOROPHENOL ISOPLETH MAP - August 2011
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: KMG

Date: 11/28/11

Figure 25

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	BXS-1		BXS-2		BXS-3		BXS-4	
Top of Casing Elevation	99.59		99.77		98.99		100.34	
Top of Casing Elevation (2)	142.90		143.02		142.07		143.42	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
8/1/1990	35.80	63.79	34.80	64.97	31.60	67.39	15.60	84.74
8/1/1991	34.94	64.65	33.79	65.98	30.71	68.28	15.31	85.03
10/1/1991	NM	NM	NM	NM	32.97	66.02	NM	NM
3/1/1992	35.16	64.43	34.72	65.05	31.06	67.93	10.06	90.28
8/1/1992	39.92	59.67	38.85	60.92	35.77	63.22	17.61	82.73
3/1/1993	40.70	58.89	40.22	59.55	37.31	61.68	16.17	84.17
6/1/1993	40.61	58.98	70.02	(1)	NM	NM	NM	NM
9/1/1993	42.35	57.24	41.64	58.13	NM	NM	NM	NM
12/1/1993	43.57	56.02	42.93	56.84	NM	NM	NM	NM
8/15/1994	42.85	56.74	41.93	57.84	39.79	59.20	19.06	81.28
11/30/1994	44.91	54.68	43.65	56.12	41.86	57.13	NM	NM
2/16/1995	40.17	59.42	39.31	60.46	36.64	62.35	13.91	86.43
4/27/1995	38.40	61.19	37.59	62.18	34.23	64.76	12.84	87.50
8/1/1995	40.39	59.20	39.40	60.37	36.28	62.71	17.59	82.75
10/10/1995	41.46	58.13	40.66	59.11	38.18	60.81	15.61	84.73
1/11/1996	38.28	61.31	37.78	61.99	34.43	64.56	12.19	88.15
4/18/1996	31.20	68.39	35.20	64.57	31.53	67.46	31.78	(3)
7/18/1996	36.66	62.93	35.76	64.01	31.99	67.00	15.94	84.40
9/25/1996	38.81	60.78	37.85	61.92	34.35	64.64	14.85	85.49
1/14/1997	33.52	66.07	32.83	66.94	29.26	69.73	8.14	92.20
4/9/1997	28.23	71.36	27.82	71.95	23.22	75.77	10.14	90.20
8/6/1997	30.99	68.60	29.96	69.81	25.29	73.70	13.65	86.69
10/6/1997	33.27	66.32	32.13	67.64	28.29	70.70	13.73	86.61
1/15/1998	33.19	66.40	34.94	64.83	28.22	70.77	10.94	89.40
4/15/1998	30.92	68.67	29.88	69.89	25.78	73.21	11.45	88.89
7/15/1998	33.21	66.38	32.04	67.73	28.04	70.95	14.47	85.87
10/6/1998	36.63	62.96	35.47	64.30	31.59	67.40	16.43	83.91
1/12/1999	36.05	63.54	35.14	64.63	31.57	67.42	12.18	88.16
4/13/1999	31.79	67.80	30.81	68.96	26.61	72.38	11.40	88.94
7/21/1999	32.26	67.33	31.06	68.71	26.96	72.03	12.78	87.56
10/4/1999	34.87	64.72	33.73	66.04	29.55	69.44	15.65	84.69
10/25/1999	35.76	63.83	35.54	64.23	30.57	68.42	15.47	84.87
1/11/2000	32.58	67.01	31.55	68.22	27.47	71.52	10.67	89.67
4/17/2000	31.19	68.40	28.50	71.27	29.95	69.04	14.80	85.54
7/26/2000	33.95	65.64	35.70	64.07	28.44	70.55	14.86	85.48
8/10/2000	34.95	64.64	33.56	66.21	29.21	69.78	15.63	84.71
10/4/2000	36.63	62.96	35.48	64.29	31.51	67.48	15.02	85.32
1/11/2001	36.76	62.83	37.62	62.15	34.45	64.54	12.27	88.07
4/3/2001	(4)	(4)	37.69	62.08	33.94	65.05	13.45	86.89
7/9/2001	NM	NM	37.14	62.63	33.45	65.54	14.92	85.42
10/1/2001	39.78	59.81	38.90	60.87	35.66	63.33	16.47	83.87
1/7/2002	26.81	72.78	36.86	62.91	33.45	65.54	12.19	88.15
4/8/2002	35.60	63.99	34.51	65.26	30.09	68.90	12.61	87.73
7/8/2002	36.52	63.07	35.56	64.21	31.25	67.74	15.33	85.01
10/21/2002	(4)	(4)	38.39	104.63	34.98	107.09	17.41	126.01
1/10/2003	(4)	(4)	(4)	(4)	36.86	105.21	11.78	131.64
3/31/2003	(4)	(4)	38.01	105.01	33.82	108.25	12.20	131.22
7/8/2003	36.50	106.40	37.86	105.16	33.68	108.39	16.29	127.13
9/15/2003	(4)	(4)	(4)	(4)	36.22	105.85	18.01	125.41
2/12/2004	36.63	106.27	37.92	105.10	33.25	108.82	9.73	133.69
4/22/2004	36.74	106.16	36.40	106.62	31.64	110.43	13.29	130.13
7/13/2004	36.91	105.99	37.69	105.33	33.71	108.36	13.55	129.87
10/12/2004	36.65	106.25	38.76	104.26	35.83	106.24	14.98	128.44
1/13/2005	36.68	106.22	36.92	106.10	33.15	108.92	9.95	133.47

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	BXS-1		BXS-2		BXS-3		BXS-4	
Top of Casing Elevation	99.59		99.77		98.99		100.34	
Top of Casing Elevation (2)	142.90		143.02		142.07		143.42	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/11/2005	36.52	106.38	35.63	107.39	34.00	108.07	10.71	132.71
8/8/2005	36.73	106.17	35.82	107.20	31.58	110.49	16.02	127.40
11/2/2005	36.62	106.28	38.20	104.82	34.50	107.57	14.80	128.62
12/1/2005	36.74	106.16	37.96	105.06	34.62	107.45	11.83	131.59
1/18/2006	38.51	104.39	36.82	106.20	32.84	109.23	9.68	133.74
2/16/2006	NM	NM	34.45	108.57	NM	NM	10.50	132.92
3/1/2006	34.32	108.58	33.83	109.19	29.32	112.75	11.04	132.38
4/3/2006	33.98	108.92	33.26	109.76	28.69	113.38	11.51	131.91
5/1/2006	33.73	109.17	32.98	110.04	28.47	113.60	11.94	131.48
6/1/2006	34.15	108.75	33.25	109.77	28.83	113.24	11.43	131.99
7/5/2006	34.53	108.37	33.65	109.37	29.32	112.75	13.40	130.02
8/1/2006	35.50	107.40	34.57	108.45	30.15	111.92	15.19	128.23
9/1/2006	36.59	106.31	35.54	107.48	34.03	108.04	16.25	127.17
10/2/2006	36.85	106.05	36.59	106.43	32.27	109.80	14.92	128.50
1/29/2007	33.04	109.86	32.78	110.24	27.95	114.12	9.98	133.44
4/16/2007	32.18	110.72	31.31	111.71	26.48	115.59	10.18	133.24
7/16/2007	34.48	108.42	33.39	109.63	28.77	113.30	14.92	128.50
10/8/2007	36.70	106.20	36.35	106.67	32.18	109.89	15.91	127.51

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-1		MW-2		MW-3		MW-4	
Top of Casing Elevation	104.40		102.86		103.04		101.97	
Top of Casing Elevation (2)	147.44		145.96		146.38		145.02	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
8/1/1990	26.50	77.90	38.50	64.36	36.20	66.84		
8/1/1991	27.08	77.32	37.99	64.87	35.14	67.90		
10/1/1991	NM	NM	NM	NM	37.45	65.59		
3/1/1992	21.50	82.90	40.56	62.30	(1)	(1)		
8/1/1992	32.97	71.43	44.83	58.03	(1)	(1)		
3/1/1993	28.58	75.82	45.54	57.32	(1)	(1)		
6/1/1993	NM	NM	45.52	57.34	(1)	(1)		
9/1/1993	33.40	71.00	47.20	55.66	(1)	(1)		
12/1/1993	NM	NM	NM	NM	(1)	(1)		
8/15/1994	33.45	70.95	47.74	55.12	43.70	59.34	Installed 1994	
11/30/1994	26.54	77.86	NM	NM	43.16	59.88	14.74	87.23
2/16/1995	23.31	81.09	45.29	57.57	42.37	60.67	13.30	88.67
4/27/1995	23.28	81.12	43.59	59.27	40.79	62.25	11.36	90.61
8/1/1995	30.13	74.27	45.37	57.49	43.08	59.96	15.00	86.97
10/10/1995	28.46	75.94	46.56	56.30	44.17	58.87	12.27	89.70
1/11/1996	22.95	81.45	43.57	59.29	40.60	62.44	9.79	92.18
4/18/1996	26.79	77.61	41.35	61.51	38.88	64.16	11.70	90.27
7/18/1996	28.25	76.15	41.74	61.12	38.78	64.26	13.82	88.15
9/25/1996	29.57	74.83	43.76	59.10	41.95	61.09	12.10	89.87
1/14/1997	19.68	84.72	38.93	63.93	35.60	67.44	7.01	94.96
4/9/1997	22.28	82.12	33.35	69.51	30.88	72.16	10.67	91.30
8/6/1997	24.50	79.90	36.19	66.67	33.79	69.25	13.00	88.97
10/6/1997	27.02	77.38	38.53	64.33	36.15	66.89	11.87	90.10
1/15/1998	23.25	81.15	38.78	64.08	35.99	67.05	9.23	92.74
4/15/1998	23.61	80.79	36.35	66.51	33.95	69.09	10.67	91.30
7/15/1998	27.25	77.15	38.55	64.31	36.01	67.03	12.85	89.12
10/6/1998	31.51	72.89	41.89	60.97	39.57	63.47	13.95	88.02
1/12/1999	23.75	80.65	41.88	60.98	38.18	64.86	10.15	91.82
4/13/1999	23.06	81.34	47.32	(3)	34.45	68.59	10.82	91.15
7/21/1999	24.54	79.86	37.80	65.06	35.02	68.02	12.05	89.92
10/4/1999	29.14	75.26	40.24	62.62	37.82	65.22	13.81	88.16
10/25/1999	30.00	74.40	41.01	61.85	38.80	64.24	13.19	88.78
1/11/2000	22.00	82.40	38.29	64.57	34.94	68.10	9.69	92.28
4/17/2000	23.98	80.42	37.48	65.38	34.80	68.24	10.79	91.18
7/26/2000	NM	NM	NM	NM	NM	NM	NM	NM
8/10/2000	28.36	76.04	39.97	62.89	37.48	65.56	14.24	87.73
10/4/2000	30.34	74.06	41.79	61.07	39.50	63.54	13.42	88.55
1/11/2001	25.46	78.94	43.94	58.92	41.23	61.81	9.20	92.77
4/3/2001	27.62	76.78	44.00	58.86	41.31	61.73	NM	NM
7/9/2001	NM	NM	43.58	59.28	NM	NM	NM	NM
10/1/2001	34.41	69.99	45.06	57.80	42.69	60.35	13.53	88.44
1/7/2002	23.47	80.93	43.31	59.55	40.10	62.94	10.64	91.33
4/8/2002	25.29	79.11	41.14	61.72	38.34	64.70	10.92	91.05
7/8/2002	29.21	75.19	41.77	61.09	39.35	63.69	12.95	89.02
10/21/2002	34.03	113.41	44.69	101.27	42.55	103.83	15.40	129.62
1/10/2003	24.13	123.31	45.83	100.13	43.42	102.96	9.70	135.32
3/31/2003	24.34	123.10	44.23	101.73	41.38	105.00	10.46	134.56
7/8/2003	29.25	118.19	43.94	102.02	41.38	105.00	14.08	130.94
9/15/2003	32.99	114.45	45.91	100.05	43.68	102.70	15.92	129.10
2/11/2004	22.00	125.44	43.85	102.11	40.77	105.61	7.80	137.22
4/26/2004	25.25	122.19	42.72	103.24	39.91	106.47	12.49	132.53
7/14/2004	27.44	120.00	43.72	102.24	41.22	105.16	13.55	131.47
10/18/2004	26.41	121.03	45.34	100.62	42.85	103.53	13.56	131.46
1/10/2005	21.92	125.52	42.67	103.29	39.53	106.85	7.79	137.23

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-1		MW-2		MW-3		MW-4	
Top of Casing Elevation	104.40		102.86		103.04		101.97	
Top of Casing Elevation (2)	147.44		145.96		146.38		145.02	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/11/2005	24.96	122.48	41.85	104.11	39.22	107.16	7.65	137.37
8/8/2005	28.98	118.46	40.00	105.96	39.60	106.78	14.19	130.83
11/2/2005	31.15	116.29	44.42	101.54	42.05	104.33	12.52	132.50
12/1/2005	24.51	122.93	44.22	101.74	41.75	104.63	8.98	136.04
1/19/2006	NM	NM	NM	NM	NM	NM	NM	NM
2/16/2006	NM	NM	40.00	105.96	37.22	109.16	NM	NM
3/1/2006	23.24	124.20	39.56	106.40	36.89	109.49	9.77	135.25
4/3/2006	23.87	123.57	39.25	106.71	36.64	109.74	10.15	134.87
5/1/2006	23.95	123.49	38.91	107.05	36.37	110.01	11.05	133.97
6/1/2006	24.81	122.63	39.37	106.59	36.91	109.47	9.34	135.68
7/5/2006	25.42	122.02	39.85	106.11	37.28	109.10	12.64	132.38
8/1/2006	28.25	119.19	40.85	105.11	38.33	108.05	13.87	131.15
9/1/2006	30.37	117.07	41.90	104.06	39.5	106.88	14.73	130.29
10/2/2006	28.65	118.79	42.83	103.13	40.42	105.96	13.50	131.52
1/29/2007	21.75	125.69	38.47	107.49	35.49	110.89	8.79	136.23
4/16/2007	22.42	125.02	37.59	108.37	34.77	111.61	9.24	135.78
7/16/2007	27.30	120.14	39.81	106.15	37.32	109.06	13.80	131.22
10/8/2007	31.63	115.81	42.74	103.22	40.52	105.86	14.64	130.38

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	HCMW-5		HCMW-6		HCMW-7	
Top of Casing Elevation	100.63		103.25		101.68	
Top of Casing Elevation (2)	143.75		146.36		144.73	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
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						
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						
10/4/1999						
10/25/1999	29.31	71.32	39.17	64.08	40.68	61.00
1/11/2000	20.28	80.35	(4)	107.25	38.58	63.10
4/17/2000	NM	NM	NM	NM	NM	NM
7/26/2000	NM	NM	NM	NM	NM	NM
8/10/2000	27.64	72.99	37.80	65.45	39.54	62.14
10/4/2000	NM	NM	NM	NM	NM	NM
1/11/2001	28.17	72.46	39.46	63.79	43.46	58.22
4/3/2001	28.45	72.18	(4)	107.25	43.67	58.01
7/9/2001	28.19	72.44	41.30	61.95	43.18	58.50
10/1/2001	29.50	71.13	43.24	60.01	44.98	56.70
1/7/2002	24.19	76.44	40.39	62.86	43.13	58.55
4/8/2002	25.95	74.68	38.80	64.45	40.90	60.78
7/8/2002	29.25	71.38	39.77	63.48	41.13	60.55
10/21/2002	(4)	(4)	42.00	104.36	44.20	100.53
1/10/2003	27.92	115.83	44.18	102.18	45.39	99.34
3/31/2003	25.85	117.90	41.88	104.48	43.69	101.04
7/8/2003	29.19	114.56	41.80	104.56	43.59	101.14
9/15/2003	29.19	114.56	44.18	102.18	45.42	99.31
2/12/2004	21.73	122.02	41.15	105.21	43.69	101.04
4/14/2004	26.00	117.75	40.16	106.20	42.53	102.20
7/13/2004	28.26	115.49	41.62	104.74	43.41	101.32
10/13/2004	28.75	115.00	43.43	102.93	44.87	99.86
1/11/2005	20.92	122.83	39.70	106.66	42.66	102.07

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	HCMW-5		HCMW-6		HCMW-7	
Top of Casing Elevation	100.63		103.25		101.68	
Top of Casing Elevation (2)	143.75		146.36		144.73	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/11/2005	26.02	117.73	39.75	106.61	41.49	103.24
8/8/2005	29.17	114.58	40.00	106.36	41.69	103.04
11/2/2005	29.22	114.53	42.63	103.73	43.94	100.79
12/1/2005	27.17	116.58	42.37	103.99	43.77	100.96
1/19/2006	NM	NM	NM	NM	NM	NM
2/15/2006	NM	NM	NM	NM	NM	NM
3/1/2006	22.80	120.95	36.69	109.67	39.67	105.06
4/3/2006	23.76	119.99	36.67	109.69	39.19	105.54
5/1/2006	23.99	119.76	36.43	109.93	38.83	105.90
6/1/2006	25.02	118.73	37.18	109.18	39.21	105.52
7/5/2006	25.35	118.40	37.57	108.79	39.59	105.14
8/1/2006	27.90	115.85	38.73	107.63	40.51	104.22
9/1/2006	29.20	114.55	39.97	106.39	41.48	103.25
10/2/2006	29.32	114.43	40.95	105.41	42.39	102.34
1/29/2007	19.69	124.06	34.95	111.41	38.73	106.00
4/16/2007	20.64	123.11	34.80	111.56	37.63	107.10
7/16/2007	26.79	116.96	37.62	108.74	39.49	105.24
10/8/2007	29.40	114.35	40.97	105.39	42.30	102.43

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	BXN-1		BXN-2		BXN-3		BXN-4	
Top of Casing Elevation	95.50		93.01		97.23		98.76	
Top of Casing Elevation (2)	95.50		93.01		97.23		98.76	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
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								
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								
10/4/1999								
10/25/1999								
1/11/2000								
4/17/2000								
7/26/2000								
8/10/2000								
10/4/2000								
1/11/2001	51.01	44.49	47.26	45.75	48.89	48.34	46.59	52.17
4/3/2001	51.33	44.17	47.68	45.33	49.23	48.00	47.00	51.76
7/9/2001	50.97	44.53	47.25	45.76	48.81	48.42	46.59	52.17
10/1/2001	51.75	43.75	48.01	45.00	49.74	47.49	47.63	51.13
1/7/2002	50.43	45.07	46.81	46.20	48.13	49.10	45.84	52.92
4/8/2002	49.11	46.39	45.38	47.63	46.54	50.69	44.00	54.76
7/8/2002	49.49	46.01	45.74	47.27	47.02	50.21	44.60	54.16
10/21/2002	51.23	44.27	47.50	45.51	49.13	48.10	46.91	51.85
1/10/2003	51.84	43.66	48.13	44.88	49.75	47.48	47.60	51.16
3/31/2003	51.00	44.50	47.38	45.63	48.70	48.53	46.39	52.37
7/8/2003	50.93	44.57	47.24	45.77	48.68	48.55	46.40	52.36
9/15/2003	51.85	43.65	48.20	44.81	49.85	47.38	47.72	51.04
2/17/2004	51.00	44.50	47.35	45.66	48.65	48.58	46.33	52.43
4/19/2004	50.19	45.31	46.56	46.45	47.69	49.54	45.29	53.47
7/20/2004	51.61	43.89	46.92	46.09	48.18	49.05	45.75	53.01
10/7/2004	51.31	44.19	47.68	45.33	49.18	48.05	45.82	52.94
1/18/2005	50.15	45.35	46.48	46.53	47.60	49.63	45.19	53.57

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	BXN-1		BXN-2		BXN-3		BXN-4	
Top of Casing Elevation	95.50		93.01		97.23		98.76	
Top of Casing Elevation (2)	95.50		93.01		97.23		98.76	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/28/2005	48.98	46.52	45.24	47.77	46.32	50.91	43.67	55.09
8/8/2005	49.52	45.98	45.75	47.26	46.99	50.24	44.56	54.20
11/2/2005	50.85	44.65	43.02	49.99	48.57	48.66	46.36	52.40
12/1/2005	50.70	44.80	46.99	46.02	48.47	48.76	46.00	52.76
1/19/2006	49.94	45.56	46.22	46.79	47.43	49.80	44.99	53.77
2/15/2006	NM	NM	NM	NM	NM	NM	NM	NM
3/1/2006	NM	NM	NM	NM	NM	NM	NM	NM
4/3/2006	NM	NM	NM	NM	NM	NM	NM	NM
5/1/2006	48.26	47.24	44.43	48.58	45.68	51.55	43.00	55.76
6/1/2006	NM	NM	NM	NM	NM	NM	NM	NM
7/5/2006	NM	NM	NM	NM	NM	NM	NM	NM
8/1/2006	48.97	46.53	45.18	47.83	46.45	50.78	43.95	54.81
9/1/2006	NM	NM	NM	NM	NM	NM	NM	NM
10/2/2006	NM	NM	NM	NM	NM	NM	NM	NM
1/29/2007	NM	NM	NM	NM	NM	NM	NM	NM
4/16/2007	47.54	47.96	43.75	49.26	44.56	52.67	41.75	57.01
7/16/2007	48.19	47.31	44.39	48.62	45.51	51.72	42.75	56.01
10/8/2007	49.78	45.72	46.01	47.00	47.40	49.83	45.00	53.76

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-10		MW-11		MW-12		MW-13	
Top of Casing Elevation							146.62	
Top of Casing Elevation (2)	144.99		146.06		143.79		146.62	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
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								
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								
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	Installed October 2002		Installed October 2002		Installed October 2002		Installed October 2002	
10/21/2002	37.91	107.08	28.43	117.63	NM	NM	NM	NM
1/10/2003	36.72	108.27	20.44	125.62	NM	NM	NM	NM
3/31/2003	34.14	110.85	21.29	124.77	NM	NM	NM	NM
7/8/2003	35.64	109.35	24.54	121.52	36.22	107.57	29.21	117.41
9/15/2003	38.93	106.06	26.58	119.48	NM	NM	NM	NM
2/13/2004	37.78	107.21	18.85	127.21	NM	NM	NM	NM
4/14/2004	32.75	112.24	22.25	123.81	NM	NM	NM	NM
7/19/2004	35.04	109.95	23.37	122.69	NM	NM	NM	NM
10/12/2004	36.85	108.14	22.75	123.31	NM	NM	NM	NM
1/12/2005	29.15	115.84	19.19	126.87	NM	NM	NM	NM

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-10		MW-11		MW-12		MW-13	
Top of Casing Elevation							146.62	
Top of Casing Elevation (2)	144.99		146.06		143.79		146.62	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/11/2005	32.87	112.12	21.64	124.42	NM	NM	NM	NM
8/8/2005	34.21	110.78	24.76	121.30	NM	NM	NM	NM
11/2/2005	37.04	107.95	24.68	121.38	NM	NM	NM	NM
12/1/2005	35.73	109.26	21.6	124.46	NM	NM	NM	NM
1/19/2006	NM	NM	NM	NM	NM	NM	NM	NM
2/15/2006	28.86	116.13	19.72	126.34	NM	NM	NM	NM
3/1/2006	28.98	116.01	20.05	126.01	NM	NM	NM	NM
4/3/2006	29.58	115.41	21.16	124.90	NM	NM	NM	NM
5/1/2006	29.62	115.37	21.37	124.69	NM	NM	NM	NM
6/1/2006	30.51	114.48	21.81	124.25	NM	NM	NM	NM
7/5/2006	30.99	114.00	22.63	123.43	NM	NM	NM	NM
8/1/2006	32.81	112.18	24.43	121.63	NM	NM	NM	NM
9/1/2006	34.35	110.64	26.55	119.51	NM	NM	NM	NM
10/2/2006	35.03	109.96	23.45	122.61	NM	NM	NM	NM
1/29/2007	25.55	119.44	18.99	127.07	NM	NM	NM	NM
4/16/2007	25.53	119.46	19.85	126.21	23.65	120.14	21.00	125.62
7/16/2007	30.69	114.30	23.85	122.21	NM	NM	NM	NM
10/8/2007	35.17	109.82	26.12	119.94	NM	NM	NM	NM

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-14		MW-15		MW-16		MW-17		MW-18	
Top of Casing Elevation	141.70		142.22							
Top of Casing Elevation (2)	141.70		142.22		144.85		142.91		142.45	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
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										
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										
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	Installed October 2002		Installed October 2002							
10/21/2002	30.19	111.51	44.00	98.22						
1/10/2003	29.60	112.10	41.22	101.00						
3/31/2003	24.19	117.51	39.53	102.69						
7/8/2003	26.95	114.75	39.20	103.02						
9/15/2003	30.99	110.71	41.17	101.05	Installed 2004		Installed 2004		Installed 2004	
2/19/2004	23.85	117.85	39.28	102.94	42.19	102.66	40.79	102.12	42.25	100.20
4/15/2004	25.12	116.58	38.00	104.22	40.89	103.96	39.53	103.38	40.92	101.53
7/21/2004	27.58	114.12	39.04	103.18	41.89	102.96	40.49	102.42	41.74	100.71
10/18/2004	30.60	111.10	40.62	101.60	43.40	101.45	42.00	100.91	43.18	99.27
1/19/2005	23.69	118.01	38.18	104.04	41.20	103.65	39.71	103.20	41.23	101.22

Table 2.1
Groundwater Elevation Data 1990 - 2007
Former J.H. Baxter Wood Treating Facility
Arlington, Washington

Monitoring Well	MW-14		MW-15		MW-16		MW-17		MW-18	
Top of Casing Elevation	141.70		142.22							
Top of Casing Elevation (2)	141.70		142.22		144.85		142.91		142.45	
Sampling Date	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation	Depth to water	Water Table Elevation
4/11/2005	20.54	121.16	37.12	105.10	39.94	104.91	38.56	104.35	39.77	102.68
8/8/2005	26.24	115.46	37.26	104.96	40.01	104.84	38.70	104.21	39.93	102.52
11/2/2005	29.71	111.99	39.70	102.52	42.40	102.45	41.00	101.91	42.10	100.35
12/1/2005	31.89	109.81	39.54	102.68	42.30	102.55	41.94	100.97	41.99	100.46
1/19/2006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/16/2006	NM	NM	35.69	106.53	37.14	107.71	38.59	104.32	38.62	103.83
3/1/2006	19.56	122.14	35.18	107.04	36.59	108.26	37.99	104.92	38.14	104.31
4/3/2006	20.52	121.18	34.72	107.50	36.22	108.63	37.59	105.32	37.63	104.82
5/1/2006	20.00	121.70	34.37	107.85	35.84	109.01	37.25	105.66	37.26	105.19
6/1/2006	22.16	119.54	34.82	107.40	36.18	108.67	37.63	105.28	37.54	104.91
7/5/2006	22.37	119.33	35.14	107.08	36.55	108.30	37.98	104.93	37.92	104.53
8/1/2006	24.97	116.73	36.02	106.20	37.46	107.39	38.79	104.12	38.70	103.75
9/1/2006	26.74	114.96	37.02	105.20	38.47	106.38	39.82	103.09	39.60	102.85
10/2/2006	27.93	113.77	37.99	104.23	39.37	105.48	40.76	102.15	40.53	101.92
1/29/2007	17.18	124.52	34.03	108.19	35.61	109.24	37.00	105.91	37.33	105.12
4/16/2007	17.21	124.49	33.02	109.20	34.50	110.35	35.93	106.98	36.02	106.43
7/16/2007	24.22	117.48	35.01	107.21	36.40	108.45	37.78	105.13	37.66	104.79
10/8/2007	28.07	113.63	37.96	104.26	39.33	105.52	40.72	102.19	40.42	102.03

Notes: All elevation data reported in feet; NM not measured; (1) Data not reported; (2) Casing elevations re-surveyed October 2002; (3) Reported elevation inconsistent with water elevation history; (4) Water elevation below top of pump.

TABLE 2.2
GROUNDWATER ELEVATION DATA 2008
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation (feet)	Groundwater Elevations (feet)[1,2]													
				1/28/08	1/31/08[3] AM	1/31/08[3] PM	2/1/08	2/2/08	2/4/08	2/5/08	2/8/08	2/15/08	2/25/08	3/6/08	3/14/08	3/24/08	3/28/08
BXS-1	427577.0	1320372.8	142.32	Groundwater Below Dedicated Pump													
BXS-2	427429.1	1320176.6	141.09	106.63	--	--	106.74	106.94	106.74	107.03	106.91	107.08	106.92	107.26	107.29	107.15	107.44
BXS-3	427202.9	1320143.8	141.73	109.82	--	--	110.08	110.36	110.28	110.57	110.56	110.84	110.85	111.27	111.26	111.15	111.42
BXS-4	426556.4	1320865.9	143.05	132.10	--	--	131.99	131.94	131.95	131.95	131.85	132.34	131.74	131.25	131.13	131.09	131.38
HC-MW-5	427010.1	1320692.3	143.94	120.42	--	--	120.09	120.09	119.90	119.92	119.71	120.04	119.78	119.22	118.82	118.39	118.53
HC-MW-6	427887.2	1320815.7	146.69	106.84	--	--	106.91	106.95	106.77	106.85	106.78	106.90	106.82	106.89	106.85	106.67	106.76
HC-MW-7	428230.4	1320337.6	145.01	102.67	--	--	102.74	102.78	102.75	102.82	102.81	102.91	102.99	103.05	103.07	102.99	103.06
MW-1	427352.2	1320826.9	146.21	124.33	--	--	124.08	124.06	123.94	123.97	123.87	124.21	124.03	123.63	123.41	123.16	123.29
MW-2	428166.9	1320647.4	144.69	103.68	--	--	103.80	103.84	103.79	103.86	103.86	103.96	103.99	104.05	104.05	103.94	104.04
MW-3	427560.7	1320596.2	143.92	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
MW-4	425935.6	1321013.3	143.02	135.54	--	--	135.29	135.53	135.37	135.42	135.35	136.10	134.46	134.10	134.13	134.51	135.12
MW-10	427175.1	1320566.0	143.30	114.90	--	--	114.85	114.94	114.76	114.92	114.74	114.92	114.77	114.64	114.50	114.33	114.54
MW-11	427398.1	1321001.0	146.46	125.74	--	--	125.51	125.51	125.40	125.40	125.29	125.67	125.26	124.76	124.47	124.29	124.46
MW-14	425602.6	1320388.9	139.88	119.98	--	--	119.71	119.75	119.65	--	119.72	120.35	120.33	119.29	118.86	118.64	118.88
MW-15	427860.0	1320310.6	142.78	104.72	--	--	104.80	104.83	104.73	104.82	104.81	104.90	104.93	105.06	105.04	104.95	105.04
MW-16	428006.8	1320325.6	143.37	103.91	--	--	103.98	104.02	103.96	104.05	104.04	104.14	104.18	104.29	104.30	104.21	104.29
MW-17	427863.6	1320173.9	142.17	104.47	--	--	104.55	104.59	104.52	104.62	104.60	104.70	104.75	104.88	104.87	104.78	104.87
MW-18	428312.7	1320075.7	142.79	102.05	--	--	102.12	102.18	102.14	102.21	102.22	102.33	102.40	102.50	102.54	102.47	102.54
MW-22	427395.3	1320573.5	143.13	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
MW-23	427500.0	1320578.2	143.47	**107.5**	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
MW-24	427563.9	1320645.1	144.47	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
MW-25	427492.9	1320682.0	145.45	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
MW-26	427601.0	1320773.0	145.13	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
MW-27	427677.9	1320702.8	144.62	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
MW-28	427502.3	1320488.8	143.02	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
MW-29	427637.7	1320503.0	142.85	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
MW-30	427836.7	1320483.2	142.64	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
MW-31	427715.8	1320294.0	141.15	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
MW-32	427493.5	1320670.2	145.27	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
MW-33	427577.4	1320602.0	143.76	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
MW-34	427647.7	1320498.6	143.02	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
MW-35	427726.8	1320608.7	144.34	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
MW-36	427676.1	1320399.4	141.57	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
MW-37	427969.4	1320251.9	142.37	**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

Notes:

1. Groundwater elevations in feet specified relative to North American Vertical Datum of 1988 (NAD88).
2. **Bold** = Elevations indicated for MW-23 and MW-37 on 1/28/08 and MW-37 on 2/8/08 are raised by 1 ft. from values recorded in the field data due to suspected error in field recording. The elevations indicated for MW-22 and MW-25 on 7/28/08 were raised 5 ft. from values recorded in the field due to suspected error in field recording. These adjusted values presented here are used for contour maps and hydrographs.
3. Elevations were obtained hourly on 1/31/08; only the start and ending elevations are shown. -- = Not measured.
4. Groundwater elevation for MW-27 on 1/6/09 was not measured due to high surface water conditions surrounding well.

TABLE 2.2

2008 GROUNDWATER ELEVATIONS SUMMARY
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

4/28/08	5/30/08	6/30/08	7/28/08	8/25/08	9/26/08	10/22/08	11/25/08	1/6/08
106.88	106.87	106.64	Groundwater Below Dedicated Pump					
108.26	108.30	108.12	107.43	106.58	105.86	105.45	105.29	106.64
112.84	112.72	112.27	111.42	111.42	111.42	108.56	108.16	109.90
131.77	131.08	129.41	127.43	127.23	127.16	128.06	130.79	132.50
120.15	119.18	117.63	115.53	113.79	112.95	113.48	118.26	120.39
107.62	107.56	107.30	106.38	105.51	104.71	104.41	104.38	106.44
103.71	103.84	103.68	103.03	102.35	101.66	101.31	101.30	102.58
124.22	123.50	122.11	120.40	119.02	118.63	119.18	124.09	125.54
104.72	104.81	104.6	103.91	103.20	102.46	102.04	102.12	103.70
107.63	107.53	107.24	106.39	105.60	105.04	104.77	104.67	106.53
134.46	133.78	132.31	131.20	131.04	131.20	132.27	134.58	136.69
116.72	116.48	115.20	113.20	111.49	110.50	110.24	111.55	114.90
125.25	124.46	123.26	121.75	120.89	120.78	122.04	125.42	127.18
120.72	120.40	118.42	116.29	114.70	113.44	113.14	116.72	120.76
105.77	105.82	105.64	104.93	104.21	103.46	103.17	103.04	104.40
105.01	105.08	104.93	104.25	103.52	101.79	102.46	102.34	103.68
105.56	105.65	105.49	104.81	104.10	103.36	103.04	102.90	104.15
103.19	103.32	103.18	102.58	101.92	101.23	100.86	100.80	101.82
111.62	111.44	110.86	**110.15**	109.30	108.74	108.22	108.88	110.52
109.52	109.45	109.11	108.43	107.70	107.10	106.41	107.03	108.50
107.81	107.78	107.44	106.57	105.77	105.21	104.91	104.87	106.76
113.45	113.52	113.10	**112.49**	111.62	111.46	110.65	111.75	112.99
108.31	108.20	107.88	106.93	106.09	105.47	105.21	105.25	107.29
107.74	107.67	107.39	106.47	105.66	105.05	104.79	104.74	NM[4]
108.58	108.51	108.19	107.45	106.63	106.04	105.83	105.82	107.48
106.90	106.87	106.62	105.79	105.00	104.56	104.38	103.99	105.80
106.34	106.39	106.18	105.40	104.66	103.90	103.70	103.54	105.17
106.23	106.26	106.07	105.34	104.58	103.84	103.59	103.44	104.89
108.23	108.14	107.81	106.95	106.11	105.55	105.27	105.30	107.16
107.63	107.61	107.30	106.45	105.63	105.06	104.83	104.71	106.63
106.87	106.86	106.61	105.79	105.00	104.53	104.34	103.97	105.77
107.08	107.08	106.84	105.97	105.19	104.57	104.34	104.18	106.03
106.42	106.43	106.21	105.51	104.74	104.27	103.81	103.65	105.27
105.25	105.34	105.18	104.51	103.78	103.05	102.73	102.62	103.89

Table 2.3
GROUNDWATER ELEVATION DATA 2009
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation (feet)	Groundwater Elevations (feet)[1,2]												
				Baseline 1/28/08	1/6/09	2/9/09	3/5/09	4/1/09	5/4/09	5/26/09	7/8/09	8/3/09	8/27/09	9/30/09	11/16/09	12/30/09
BXS-1	427577.0	1320372.8	142.32	--[3]	--[3]	109.10	108.45	107.95	108.73	108.31	107.04	106.08[4]	--	--	106.10	107.38
BXS-2	427429.1	1320176.6	141.09	106.63	106.64	110.00	110.59	110.10	110.84	110.47	109.28	108.35[4]	107.56	106.39	106.29	108.91
BXS-3	427202.9	1320143.8	141.73	109.82	109.90	113.75	113.92	113.50	114.18	113.73	112.56	111.53[4]	110.59	109.12	108.41	111.88
BXS-4	426556.4	1320865.9	143.05	132.10	132.50	131.65	130.40	131.28	131.18	130.51	127.49	126.40[4]	126.17	125.95	131.38	132.52
HC-MW-5	427010.1	1320692.3	143.94	120.42	120.39	122.33	120.02	119.39	120.53	119.17	116.61	114.92	113.47	112.23	119.52	122.33
HC-MW-6	427887.2	1320815.7	146.69	106.84	106.44	111.19	109.63	108.74	109.61	109.07	107.57	106.56	105.63	104.46	104.93	109.36
HC-MW-7	428230.4	1320337.6	145.01	102.67	102.58	106.14	105.53	105.02	105.56	105.33	104.42	103.43	102.62	101.54	101.55	104.03
MW-1	427352.2	1320826.9	146.21	124.33	125.54	125.33	123.61	123.37	123.99	123.13	120.19	118.41	117.14	115.44	126.08	126.05
MW-2	428166.9	1320647.4	144.69	103.68	103.70	107.53	106.70	106.06	106.65	106.37	105.13	104.23	103.38	102.27	102.41	105.45
MW-3	427560.7	1320596.2	143.92	106.87	106.53	110.05	109.18	108.56	109.39	108.91	107.59	106.63	105.75	104.67	105.15	108.45
MW-4	425935.6	1321013.3	143.02	135.54	136.69	133.78	133.30	135.75	133.88	133.45	131.07	130.37	129.81	129.53	133.94	135.45
MW-10	427175.1	1320566.0	143.30	114.90	114.90	120.17	118.05	116.30	117.36	116.59	114.30	112.57	111.21	109.52	112.13	119.01
MW-11	427398.1	1321001.0	146.46	125.74	127.18	126.06	124.46	124.64	125.00	124.11	121.49	119.95	118.82	117.76	128.41	127.67
MW-14	425602.6	1320388.9	139.88	119.98	120.76	121.72	119.04	120.24	121.85	120.61	116.90	115.45	114.25	112.75	115.18	119.13
MW-15	427860.0	1320310.6	142.78	104.72	104.40	107.98	107.42	106.85	107.52	107.23	106.10	105.27	104.45	103.35	103.29	106.00
MW-16	428006.8	1320325.6	143.37	103.91	103.68	107.26	106.76	106.16	106.82	106.55	105.41	104.60	103.77	102.67	102.60	105.21
MW-17	427863.6	1320173.9	142.17	104.47	104.15	107.71	107.20	106.66	107.32	107.06	105.97	105.17	104.35	103.26	103.12	105.69
MW-18	428312.7	1320075.7	142.79	102.05	101.82	105.21	104.85	104.41	104.96	104.78	103.74	103.02	102.24	101.16	101.05	103.20
MW-22	427395.3	1320573.5	143.13	108.72	110.52	113.71	112.80	112.07	113.08	112.40	111.05	110.14	109.31	108.09	109.18	112.61
MW-23	427500.0	1320578.2	143.47	**107.50**	108.50	108.72	110.93	110.35	111.11	110.64	109.43	108.63	107.84	106.77	107.39	110.40
MW-24	427563.9	1320645.1	144.47	107.02	106.76	110.36	109.40	108.80	109.66	109.09	107.74	106.80	105.93	104.83	105.40	108.71
MW-25	427492.9	1320682.0	145.45	109.06	112.99	115.60	114.57	114.01	114.80	114.32	113.27	112.59	111.90	110.76	112.69	115.04
MW-26	427601.0	1320773.0	145.13	107.48	107.29	111.03	109.86	109.25	110.09	109.48	108.08	107.08	106.17	105.06	105.88	109.51
MW-27	427677.9	1320702.8	144.62	107.01	NM[5]	110.41	109.36	108.76	109.59	109.00	107.65	106.71	105.80	104.72	105.38	108.82
MW-28	427502.3	1320488.8	143.02	107.01	107.48	110.79	110.07	109.43	110.25	109.76	108.49	107.64	106.84	105.76	106.19	109.34
MW-29	427637.7	1320503.0	142.85	106.33	105.80	109.31	108.51	107.92	108.70	108.25	106.99	106.08	105.23	104.13	104.43	107.59
MW-30	427836.7	1320483.2	142.64	105.47	105.17	108.76	108.00	107.44	108.16	107.79	106.57	105.71	104.87	103.78	103.85	106.88
MW-31	427715.8	1320294.0	141.15	105.23	104.89	108.43	107.85	107.27	107.99	107.65	106.48	105.65	104.82	103.72	103.72	106.53
MW-32	427493.5	1320670.2	145.27	107.36	107.16	110.68	109.66	109.14	109.98	109.41	108.06	107.12	106.25	105.12	105.82	109.10
MW-33	427577.4	1320602.0	143.76	106.87	106.63	110.10	109.21	108.62	109.44	108.91	107.61	106.68	105.81	104.71	105.20	108.47
MW-34	427647.7	1320498.6	143.02	106.29	105.77	109.27	108.50	107.90	108.68	108.23	106.97	106.08	105.23	104.13	104.42	107.56
MW-35	427726.8	1320608.7	144.34	106.36	106.03	109.63	108.74	108.17	108.96	108.44	107.17	106.26	105.40	104.32	104.64	107.93
MW-36	427676.1	1320399.4	141.57	105.60	105.27	108.80	108.20	107.51	108.27	107.89	106.66	105.80	104.97	103.87	104.01	106.89
MW-37	427969.4	1320251.9	142.37	**104.16**	103.89	107.43	106.91	106.36	107.02	106.77	105.66	104.85	104.04	102.94	102.84	105.41

Notes
1. Groundwater elevations in feet specified relative to North American Vertical Datum of 1988 (NAVD88).
2. **Bold** = Elevations indicated for MW-23 and MW-37 on 1/28/2008 are raised by 1 ft. from values recorded in the field data due to suspected error in field recording.
3. -- = Groundwater below level of dedicated pump.
4. Groundwater elevation was measured on 8/4/2009.
5. NM = Groundwater elevation for MW-27 on 1/6/2009 was not measured due to high surface water conditions surrounding the well.

TABLE 2.4

GROUNDWATER ELEVATION DATA 2010
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation (feet)	Groundwater Elevations (feet)[1]								
				Baseline 1/28/08[2]	12/30/09	1/25/10	2/8/10	3/23/10	4/28/10	5/24/10	6/29/10	8/16/10
BXS-1	427577.0	1320372.8	142.32	--	107.38	108.70	108.97	108.06	108.63	108.66	109.96	108.32
BXS-2	427429.1	1320176.6	141.09	106.63	108.91	110.15	110.65	110.72	110.49	110.75	111.85	110.54
BXS-3	427202.9	1320143.8	141.73	109.82	111.88	113.43	114.09	113.78	113.93	114.18	115.18	114.16
BXS-4	426556.4	1320865.9	143.05	132.10	132.52	133.22	131.70	130.34	132.07	130.68	132.31	128.12
HC-MW-5	427010.1	1320692.3	143.94	120.42	122.33	123.91	122.54	NM[3]	NM[3]	120.58	122.90	118.06
HC-MW-6	427887.2	1320815.7	146.69	106.84	109.36	111.26	111.04	109.37	109.95	109.88	111.57	109.08
HC-MW-7	428230.4	1320337.6	145.01	102.67	104.03	105.25	105.55	105.00	105.43	105.55	106.65	105.44
MW-1	427352.2	1320826.9	146.21	124.33	126.05	126.45	125.47	124.14	125.13	124.14	125.33	121.85
MW-2	428166.9	1320647.4	144.69	103.68	105.45	106.81	106.99	106.14	106.60	106.68	107.95	106.41
MW-3	427560.7	1320596.2	143.92	106.87	108.45	109.85	110.00	108.85	109.42	109.45	110.87	108.87
MW-4	425935.6	1321013.3	143.02	135.54	135.45	135.47	133.44	132.91	135.33	132.78	134.08	131.04
MW-10	427175.1	1320566.0	143.30	114.90	119.01	120.90	120.34	118.19	118.19	118.25	120.04	116.6
MW-11	427398.1	1321001.0	146.46	125.74	127.67	127.98	126.69	125.25	126.50	125.11	126.44	122.9
MW-14	425602.6	1320388.9	139.88	119.98	119.13	122.10	120.51	118.23	120.76	119.81	122.67	117.87
MW-15	427860.0	1320310.6	142.78	104.72	106.00	107.31	107.64	106.98	107.39[4]	107.57	108.73	107.33
MW-16	428006.8	1320325.6	143.37	103.91	105.21	106.48	106.84	106.26[5]	106.66	106.83	107.96	106.65
MW-17	427863.6	1320173.9	142.17	104.47	105.69	106.94	107.33	106.76	107.14	107.36	108.44	107.19
MW-18	428312.7	1320075.7	142.79	102.05	103.20	104.35	104.73	104.38	104.78	104.96	105.96	104.91
MW-22	427395.3	1320573.5	143.13	108.72	112.61	113.68	113.74	112.69	112.96	113.07	114.22	112.39
MW-23	427500.0	1320578.2	143.47	107.50	110.40	111.54	111.69[6]	110.74	111.13	111.20	112.36	110.65
MW-24	427563.9	1320645.1	144.47	107.02	108.71	110.18	110.32	109.12	109.69	109.69	111.12	109.07
MW-25	427492.9	1320682.0	145.45	109.06	115.04	115.90	115.86	115.21	115.43	115.53	116.32	115.00
MW-26	427601.0	1320773.0	145.13	107.48	109.51	111.06	111.04	109.63	110.20	110.08[7]	111.60	109.42
MW-27	427677.9	1320702.8	144.62	107.01	108.82	110.34	110.43	109.07	109.67	109.62	111.09	108.99
MW-28	427502.3	1320488.8	143.02	107.01	109.34	110.54	110.77	109.85	110.20	110.31	111.55	109.78
MW-29	427637.7	1320503.0	142.85	106.33	107.59	108.97	109.18	108.17	108.71	108.77	110.33	108.28
MW-30	427836.7	1320483.2	142.64	105.47	106.88	108.26	108.50	107.65	108.11	108.21	109.51	107.88
MW-31	427715.8	1320294.0	141.15	105.23	106.53	107.81	108.14	107.63[8]	107.86	108.02	109.22	107.72
MW-32	427493.5	1320670.2	145.27	107.36	109.10	110.53	110.63	109.43	110.00	109.99	111.42	109.36
MW-33	427577.4	1320602.0	143.76	106.87	108.47	109.87	110.03	108.90	109.46	109.48	110.91	108.91
MW-34	427647.7	1320498.6	143.02	106.29	107.56	108.93	109.14	108.16	108.68	108.74	110.28	108.26
MW-35	427726.8	1320608.7	144.34	106.36	107.93	109.36	109.54	108.43	108.96	109.00	110.45	108.49
MW-36	427676.1	1320399.4	141.57	105.60	106.89	108.23	108.50	107.68	108.44	108.25	109.63	107.87
MW-37	427969.4	1320251.9	142.37	104.16	105.41	106.67	107.03	106.45	106.85	107.05	108.15	106.90
MW-38[9]	427653.6	1320491.4	143.36	NA	NA	NA	NA	NA	NA	NA	NA	108.25
MW-39[9]	427993.1	1320148.9	142.73	NA	NA	NA	NA	NA	NA	NA	NA	106.28
MW-40[9]	427859.5	1320316.6	142.56	NA	NA	NA	NA	NA	NA	NA	NA	106.82
MW-41[9]	427968.1	1320255.0	142.33	NA	NA	NA	NA	NA	NA	NA	NA	106.48
MW-42[9]	428319.7	1320080.9	142.89	NA	NA	NA	NA	NA	NA	NA	NA	104.82

Notes

1. Groundwater elevations in feet specified relative to North American Vertical Datum of 1988 (NAVD88).
2. Elevations indicated for MW-23 and MW-37 on 1/28/2008 are raised by 1 foot from values recorded in the field due to suspected error in field recording.
3. Groundwater elevation at HC-MW-5 was not measured on 3/23/10 and 4/28/10 due to a damaged well monument lid, which could not be opened.
4. Elevation indicated for MW-15 on 4/28/2010 was raised by 1 foot from value recorded in the field due to suspected error in field recording.

TABLE 2.4

2010 GROUNDWATER ELEVATIONS SUMMARY
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Notes (continued)

5. Elevation indicated for MW-16 on 3/23/10 was raised by 2 feet from value recorded in the field due to suspected error in field recording.
6. Elevation indicated for MW-23 on 2/8/10 was raised by 3 feet from value recorded in the field due to suspected error in field recording.
7. Elevation indicated for MW-26 measured on 5/25/10. All groundwater elevations were measured within a 24-hour period.
8 Elevation indicated for MW-31 on 3/23/10 was raised by 2 feet from value recorded in the field due to suspected error in field recording.
9. Monitoring wells MW-38 through MW-42 were not installed until July 2010.

Abbreviations

-- = Groundwater below level of dedicated pump.
NM = not measured
NA = not applicable

TABLE 2.5

GROUNDWATER ELEVATION DATA 2011
Former J.H. Baxter & Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation (feet)	Groundwater Elevations (feet)[1]					
				Baseline 1/28/08[2]	8/16/10	11/15/10	2/7/11	5/15/11[3]	8/22/11
BXS-1	427577.0	1320372.8	142.32	--	108.32	106.37	111.16	115.52	111.77
BXS-2	427429.1	1320176.6	141.09	106.63	110.54	108.51	112.75	117.48	115.12
BXS-3	427202.9	1320143.8	141.73	109.82	114.16	111.30	116.19	121.53	117.58
BXS-4	426556.4	1320865.9	143.05	132.10	128.12	130.98	133.84	134.18	130.16
HC-MW-5	427010.1	1320692.3	143.94	120.42	118.06	118.85	125.16	126.17	121.18
HC-MW-6	427887.2	1320815.7	146.69	106.84	109.08	107.21	113.50	117.20	112.46
HC-MW-7	428230.4	1320337.6	145.01	102.67	105.44	103.43	107.71	112.47	108.86
MW-1	427352.2	1320826.9	146.21	124.33	121.85	124.42	126.48	126.42	122.78
MW-2	428166.9	1320647.4	144.69	103.68	106.41	104.41	109.32	113.88	109.78
MW-3	427560.7	1320596.2	143.92	106.87	108.87	107.12	112.38	116.36	112.29
MW-4	425935.6	1321013.3	143.02	135.54	131.04	134.19	137.08	136.24	134.17
MW-10	427175.1	1320566.0	143.30	114.90	116.6	114.51	122.78	124.85	119.59
MW-11	427398.1	1321001.0	146.46	125.74	122.9	125.78	127.60	127.18	123.76
MW-14	425602.6	1320388.9	139.88	119.98	117.87	115.55	125.45	127.49	121.25
MW-15	427860.0	1320310.6	142.78	104.72	107.33	105.25	109.77	114.32[4]	110.78
MW-16	428006.8	1320325.6	143.37	103.91	106.65	104.61	108.98	113.66	110.17
MW-17	427863.6	1320173.9	142.17	104.47	107.19	105.11	109.40	113.03	110.66
MW-18	428312.7	1320075.7	142.79	102.05	104.91	102.92	106.76	111.20	108.45
MW-22	427395.3	1320573.5	143.13	108.72	112.39	110.99	115.94	118.60	115.00
MW-23	427500.0	1320578.2	143.47	107.50	110.65	109.18	113.91	117.26	113.46
MW-24	427563.9	1320645.1	144.47	107.02	109.07	107.30	112.61	116.60	112.49
MW-25	427492.9	1320682.0	145.45	109.06	115.00	114.16	117.60	119.97	116.53
MW-26	427601.0	1320773.0	145.13	107.48	109.42	107.76	113.41	117.14	112.75
MW-27	427677.9	1320702.8	144.62	107.01	108.99	107.30	112.79	116.70	112.41
MW-28	427502.3	1320488.8	143.02	107.01	109.78	108.12	113.14	117.80	112.91
MW-29	427637.7	1320503.0	142.85	106.33	108.28	106.46	111.83	116.02	111.8
MW-30	427836.7	1320483.2	142.64	105.47	107.88	105.95	110.72	115.16	111.33
MW-31	427715.8	1320294.0	141.15	105.23	107.72	105.73	110.34	114.78	111.16
MW-32	427493.5	1320670.2	145.27	107.36	109.36	107.69	112.90	116.84	112.7
MW-33	427577.4	1320602.0	143.76	106.87	108.91	107.15	112.44	116.37	112.31
MW-34	427647.7	1320498.6	143.02	106.29	108.26	106.45	111.75	116.19	111.77
MW-35	427726.8	1320608.7	144.34	106.36	108.49	106.65	111.86	116.86	111.99
MW-36	427676.1	1320399.4	141.57	105.60	107.87	105.95	110.81	115.16	111.4
MW-37	427969.4	1320251.9	142.37	104.16	106.90	104.82	109.12	113.78	110.36
MW-38[5]	427653.6	1320491.4	143.36	NA	108.25	106.41	111.48	115.64	111.74
MW-39[5]	427993.1	1320148.9	142.73	NA	106.28	104.30	108.43	113.06	109.77

TABLE 2.5

GROUNDWATER ELEVATION DATA 2011
Former J.H. Baxter & Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation (feet)	Groundwater Elevations (feet)[1]					
				Baseline 1/28/08[2]	8/16/10	11/15/10	2/7/11	5/15/11[3]	8/22/11
MW-40[5]	427859.5	1320316.6	142.56	NA	106.82	104.79	109.20	113.81	110.29
MW-41[5]	427968.1	1320255.0	142.33	NA	106.48	104.48	108.75	113.39	109.97
MW-42[5]	428319.7	1320080.9	142.89	NA	104.82	102.80	106.69	111.81	108.32
MW-43[6]	428757.5	1319841.1	141.91	NA	NA	100.14	103.28	108.16	105.56

Notes

1. Groundwater elevations in feet specified relative to North American Vertical Datum of 1988 (NAVD88).
2. Elevations indicated for MW-23 and MW-37 on 1/28/2008 are raised by 1 foot from values recorded in the field due to suspected error in field recording.
3. May 2011 depth to water measurements at BXS-2, BXS-3, MW-18, MW-26, MW-33, MW-42, and MW-43 recorded on 5/16/11.
4. A suspected incorrect depth to water measurement occured at MW-15. Therefore, the 2nd Quarter 2011 groundwater elevation at MW-15 was estimated by calculating the average elevation difference between MW-15 and MW-40 for the 3rd Quarter 2010 through the 1st Quarter 2011 and adding the difference to the 2nd Quarter 2011 groundwater elevation measured at MW-40.
5. Monitoring wells MW-38 through MW-42 were installed in July 2010.
6. Monitoring well MW-43 was installed in October 2010.

Abbreviations

-- = Groundwater below level of dedicated pump.
NM = not measured
NA = not applicable

TABLE 2.6

DIFFERENCES IN GROUNDWATER ELEVATION AT SHALLOW/DEEP MONITORING WELL PAIRS 2008 - March[1,2] 2010

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

Well Pair (Shallow/Deep)	2008 Results										
	1/28/08	2/25/08	3/28/08	4/28/08	5/30/08	6/30/08	7/28/08	8/25/08	9/26/08	10/22/08	11/25/08
MW-25/MW-32	1.70	3.66	5.17	5.22	5.38	5.29	5.55	5.51	5.91	5.38	6.45
MW-3/MW-33	0.00	0.00	-0.02	0.00	-0.08	-0.06	-0.06	-0.03	-0.02	-0.06	-0.04
MW-29/MW-34	0.04	0.08	0.02	0.03	0.01	0.01	0.00	0.00	0.03	0.04	0.02

Well Pair (Shallow/Deep)	2009 Results											
	1/6/09	2/9/09	3/5/09	4/1/09	5/4/09	5/26/09	7/8/09	8/3/09	8/27/09	9/29/09	11/16/09	12/29/09
MW-25/MW-32	5.83	4.92	4.91	4.87	4.82	4.91	5.21	5.47	5.65	5.64	6.87	5.94
MW-3/MW-33	-0.10	-0.05	-0.03	-0.06	-0.05	0.00	-0.02	-0.05	-0.06	-0.04	-0.05	-0.02
MW-29/MW-34	0.03	0.04	0.01	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.03

Well Pair (Shallow/Deep)	2010 Results		
	1/25/10	2/8/10	3/23/10
MW-25/MW-32	5.37	5.23	5.78
MW-3/MW-33	-0.02	-0.03	-0.05
MW-29/MW-34	0.04	0.04	0.01

Notes
1. Groundwater elevation differences in feet.
2. Elevation difference is calculated as Shallow Well Groundwater Elevation - Deep Well Groundwater Elevation. Positve values indicate a downward flow direction, while negative values indicate an upward downward flow direction.

TABLE 2.7

VERTICAL GROUNDWATER GRADIENTS AT MONITORING WELL PAIRS[1, 2] 2011

Former J.H. Baxter & Co. Wood Treating Facility

Arlington, Washington

Vertical Hydraulic Gradient	Well Pair	August 2010 - August 2011 Results				
		8/16/10	11/15/10	2/7/11	5/15/11	8/22/11
Shallow / Intermediate	MW-25/MW-32	0.38	0.44	0.32	0.21	0.26
	MW-3/MW-33	-0.0025	-0.0019	-0.0038	-0.00064	-0.0013
	MW-29/MW-34	0.0013	0.00066	0.0053	-0.011	0.0020
Shallow / Deep	MW-29/MW-38	0.00087	0.0015	0.010	0.010	0.0017
	MW-15/MW-40	0.014	0.012	0.015	NM[3]	0.013
Intermediate / Deep	MW-37/MW-41	0.017	0.014	0.015	0.016	0.016

Notes

1. Vertical groundwater gradients are dimensionless.
2. Gradients are calculated as shallow well groundwater elevation minus deep well groundwater elevation divided by the distance between well screen midpoints. Positive values indicate a downward flow direction, while negative values indicate an upward flow direction.
3. NM = not measured; the vertical groundwater gradient in May 2011 was not calculated for the MW-15/MW-40 well pair due to a suspected incorrect depth to water measurement at MW-15.

Table 3.1 Site Investigation - Surface Soil Data

Station		SS01	SS01	SS02	SS02	SS03	SS03	SS04	SS04	SS05
Sample ID		SO001	SO002	SO003	SO004	SO024	SO025	SO045	SO046	SO039
Date		8/7/02	8/7/02	8/7/02	8/7/02	8/9/02	8/9/02	8/13/02	8/13/02	8/13/02
Depth in inches		0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2
Conventionals	Units									
Carbon, Total Organic (TOC)	%									
pH	PH									
Solids, Total	%	96.4	90.5	96.9	85	92.6	88.4	97.8	96.4	98
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	21 U	2.3 U	2.1 U	2.4 U	22 U	2.3 U	21 U	2.1 U	210 U
3,5-Dichlorophenol	ug/Kg	32 U	3.4 U	3.1 U	3.6 U	33 U	3.4 U	31 U	3.2 U	310 U
2,4,5-Trichlorophenol	ug/Kg	52 U	5.6 U	5.2 U	5.9 U	54 U	5.7 U	52 U	5.2 U	520 U
2,4,6-Trichlorophenol	ug/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
Tetrachlorophenols, Total	ug/Kg	74 U	7.9 U	7.3 U	8.4 U	77 U	8 U	72 U	7.4 U	720 U
Pentachlorophenol (PCP)	ug/Kg	430	89	100	18	840 PD	95	790	65	4700
TPH	Units									
Diesel Range Organics (DRO)	ug/Kg	120000 H	45000 H	73000 H	24000 J	200000 Y	59000 H	74000 Y	23000 J	85000 Y
Residual Range Organics (RRO)	ug/Kg	870000 O	320000 O	320000 O	110000 J	590000 O	290000 O	250000 O	78000 J	300000 O
PAHs	Units									
2-Methylnaphthalene	ug/Kg				2.2 J				1 J	
Acenaphthene	ug/Kg				0.25 U				0.22 U	
Acenaphthylene	ug/Kg				0.66 J				0.17 U	
Anthracene	ug/Kg				1.6 J				0.52 J	
Benz(a)anthracene	ug/Kg				2.8 J				1.1 J	
Benzo(a)pyrene	ug/Kg				4.5 J				1.9 J	
Benzo(b)fluoranthene	ug/Kg				5.5 J				2.9 J	
Benzo(g,h,i)perylene	ug/Kg				9.3				5.4	
Benzo(k)fluoranthene	ug/Kg				4.9 J				1.7 J	
Chrysene	ug/Kg				7.6				5.8	
Dibenz(a,h)anthracene	ug/Kg				1.4 J				1.1 J	
Fluoranthene	ug/Kg				6.1				2.1 J	
Fluorene	ug/Kg				0.2 U				0.24 J	
Indeno(1,2,3-cd)pyrene	ug/Kg				6.5				2.9 J	
Naphthalene	ug/Kg				7.2				0.48 J	
Phenanthrene	ug/Kg				7.1				1.4 J	
Pyrene	ug/Kg				6.5				2.8 J	
Total PAHs (calculated)	ug/Kg				71.66				30.34	
Other SVOCs	Units									
1,2,4-Trimethylbenzene	ug/Kg									
1,3,5-Trimethylbenzene	ug/Kg									
VOCs	Units									
Benzene	ug/Kg									

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS01	SS01	SS02	SS02	SS03	SS03	SS04	SS04	SS05
Sample ID		SO001	SO002	SO003	SO004	SO024	SO025	SO045	SO046	SO039
Date		8/7/02	8/7/02	8/7/02	8/7/02	8/9/02	8/9/02	8/13/02	8/13/02	8/13/02
Depth in inches		0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2
Dioxins and Furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g						1.044			
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g						16.668			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						57.059			
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						203.363			
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						127.785			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g						5871.77			
Octachlorodibenzo-p-dioxin (OCDD)	pg/g						52008.3 B			
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g						5.526 J			
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						14.582			
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						17.206			
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						65.439			
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						27.526			
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g						24.404			
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						40.173			
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g						480.78			
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g						33.478			
Octachlorodibenzofuran (OCDF)	pg/g						1076.8			
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g						24.313			
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g						109.402			
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g						1102.01			
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g						11007.2			
Tetrachlorodibenzofurans (TCDF), Total	pg/g						36.359			
Pentachlorodibenzofurans (PeCDF), Total	pg/g						297.942			
Hexachlorodibenzofurans (HxCDF), Total	pg/g						672.38			
Heptachlorodibenzofurans (HpCDF), Total	pg/g						1769.84			
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g						150.788			

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS05	SS06	SS06	SS07	SS07	SS08	SS08	SS09	SS09
Sample ID		SO040	SO041	SO042	SO043	SO044	SO026	SO027	SO037	SO038
Date		8/13/02	8/13/02	8/13/02	8/13/02	8/13/02	8/9/02	8/9/02	8/12/02	8/12/02
Depth in inches		6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18
Conventionals	Units									
Carbon, Total Organic (TOC)	%	0.53			0.3					
pH	PH	5.88			8.08					
Solids, Total	%	95.2	97.5	93.2	96.6	94.9	96	94.4	90	87.8
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	2.2 U	16 Ui	2.2 U	2.1 U	8.8 Ui	21 U	22 U	230 U	23 U
3,5-Dichlorophenol	ug/Kg	3.2 U	3.1 U	3.3 U	3.2 U	3.2 U	32 U	32 U	340 U	35 U
2,4,5-Trichlorophenol	ug/Kg	5.3 U	5.2 U	5.4 U	5.2 U	5.3 U	53 U	53 U	560 U	57 U
2,4,6-Trichlorophenol	ug/Kg	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
Tetrachlorophenols, Total	ug/Kg	7.5 U	9 J	7.6 U	7.4 U	7.5 U	74 U	75 U	790 U	81 U
Pentachlorophenol (PCP)	ug/Kg	140	260	34	140	62	840	490	10000	740
TPH	Units									
Diesel Range Organics (DRO)	ug/Kg	48000 Y	57000 Y	19000 J	26000 J	19000 J	190000 Y	74000 Y	480000 Y	26000 J
Residual Range Organics (RRO)	ug/Kg	230000 O	280000 O	49000 J	140000 O	56000 J	450000 O	230000 O	1300000 O	85000 J
PAHs	Units									
2-Methylnaphthalene	ug/Kg	2.2 J		0.74 J		0.87 J				
Acenaphthene	ug/Kg	0.23 U		0.23 U		0.23 U				
Acenaphthylene	ug/Kg	0.34 J		0.18 U		0.34 J				
Anthracene	ug/Kg	1.4 J		0.21 U		0.49 J				
Benz(a)anthracene	ug/Kg	3.9 J		0.23 J		2 J				
Benzo(a)pyrene	ug/Kg	8		0.59 J		3.4 J				
Benzo(b)fluoranthene	ug/Kg	6.4		0.83 J		6.3				
Benzo(g,h,i)perylene	ug/Kg	24		1.2 J		4.7 J				
Benzo(k)fluoranthene	ug/Kg	1.9 J		0.27 J		4.4 J				
Chrysene	ug/Kg	17		1.1 J		6.2				
Dibenz(a,h)anthracene	ug/Kg	5 J		0.29 J		0.93 J				
Fluoranthene	ug/Kg	3.3 J		0.52 J		2.8 J				
Fluorene	ug/Kg	0.4 J		0.19 U		0.18 U				
Indeno(1,2,3-cd)pyrene	ug/Kg	6.7		0.75 J		4.9 J				
Naphthalene	ug/Kg	0.83 J		0.37 J		0.76 J				
Phenanthrene	ug/Kg	4.3 J		0.82 J		1.8 J				
Pyrene	ug/Kg	12		0.89 J		3.6 J				
Total PAHs (calculated)	ug/Kg	95.47		7.86		42.62				
Other SVOCs	Units									
1,2,4-Trimethylbenzene	ug/Kg									
1,3,5-Trimethylbenzene	ug/Kg									
VOCs	Units									
Benzene	ug/Kg									

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS05	SS06	SS06	SS07	SS07	SS08	SS08	SS09	SS09
Sample ID		SO040	SO041	SO042	SO043	SO044	SO026	SO027	SO037	SO038
Date		8/13/02	8/13/02	8/13/02	8/13/02	8/13/02	8/9/02	8/9/02	8/12/02	8/12/02
Depth in inches		6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18
Dioxins and furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g									0.348 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g									10.317
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									35.778
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									114.02
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									71.671
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g									3343.62
Octachlorodibenzo-p-dioxin (OCDD)	pg/g									39273.5 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g									1.356 CK
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									4.35 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									3.119 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									26.287
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									25.298
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g									4.136 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									25.934
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g									650.538
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g									58.104
Octachlorodibenzofuran (OCDF)	pg/g									3738.69
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g									4.283
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g									37.087
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g									620.575
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g									5860.18
Tetrachlorodibenzofurans (TCDF), Total	pg/g									11.656
Pentachlorodibenzofurans (PeCDF), Total	pg/g									137.43
Hexachlorodibenzofurans (HxCDF), Total	pg/g									470.006
Heptachlorodibenzofurans (HpCDF), Total	pg/g									2965.08
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g									85.1752

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS10	SS10	SS11	SS11	SS11	SS12	SS12	SS13	SS13
Sample ID		SO452	SO453	SO030	SO031	SO032	SO033	SO034	SO035	SO036
Date		10/10/02	10/10/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02
Depth in inches		0 - 2	6 - 18	0 - 2	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18
					Field dup					
Conventionals	Units									
Carbon, Total Organic (TOC)	%			1.04	1.01					
pH	PH			5.74	5.83					
Solids, Total	%	95.5	95.1	89.6	90	87.2	99.2	97.7	98	95.9
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	21 U	22 U	23 U	23 U	23 U	21 U	2.1 U	21 U	25 Ui
3,5-Dichlorophenol	ug/Kg	32 U	32 U	34 U	34 U	35 U	31 U	3.1 U	31 U	3.2 U
2,4,5-Trichlorophenol	ug/Kg	53 U	53 U	56 U	56 U	58 U	51 U	5.2 U	52 U	5.3 U
2,4,6-Trichlorophenol	ug/Kg	7.4 UJ	7.4 UJ	7.9 U	7.8 U	8.1 U	7.1 U	0.72 U	7.2 U	0.73 U
Tetrachlorophenols, Total	ug/Kg	74 U	130 J	79 U	79 U	81 U	72 U	7.2 U	72 U	7.4 U
Pentachlorophenol (PCP)	ug/Kg	300	2000	1100	1100	1100	760	46	390	140
TPH	Units									
Diesel Range Organics (DRO)	ug/Kg	42000 Y	2100000 F	72000 H	70000 H	180000 H	67000 H	10000 J	41000 Y	32000 Y
Residual Range Organics (RRO)	ug/Kg	190000 O	1500000 O	400000 O	380000 O	970000 O	470000 O	67000 J	200000 O	80000 J
PAHs	Units									
2-Methylnaphthalene	ug/Kg							0.42 J		
Acenaphthene	ug/Kg							0.22 U		
Acenaphthylene	ug/Kg							0.17 U		
Anthracene	ug/Kg							0.39 J		
Benz(a)anthracene	ug/Kg							0.35 J		
Benzo(a)pyrene	ug/Kg							0.39 J		
Benzo(b)fluoranthene	ug/Kg							0.92 J		
Benzo(g,h,i)perylene	ug/Kg							1.1 J		
Benzo(k)fluoranthene	ug/Kg							0.59 J		
Chrysene	ug/Kg							1.5 J		
Dibenz(a,h)anthracene	ug/Kg							0.19 U		
Fluoranthene	ug/Kg							0.82 J		
Fluorene	ug/Kg							0.18 U		
Indeno(1,2,3-cd)pyrene	ug/Kg							1.2 J		
Naphthalene	ug/Kg							0.28 J		
Phenanthrene	ug/Kg							0.7 J		
Pyrene	ug/Kg							1.6 J		
Total PAHs (calculated)	ug/Kg							9.84		
Other SVOCs	Units									
1,2,4-Trimethylbenzene	ug/Kg									
1,3,5-Trimethylbenzene	ug/Kg									
VOCs	Units									
Benzene	ug/Kg									

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS10	SS10	SS11	SS11	SS11	SS12	SS12	SS13	SS13
Sample ID		SO452	SO453	SO030	SO031	SO032	SO033	SO034	SO035	SO036
Date		10/10/02	10/10/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02	8/12/02
Depth in inches		0 - 2	6 - 18	0 - 2	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18
					Field dup					
Dioxins and furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g			5.69	5.223					
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g			106.208	96.435					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			310.515	255.362					
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			834.866	758.523					
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g			607.604	529.733					
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g			23179.6	22224.9					
Octachlorodibenzo-p-dioxin (OCDD)	pg/g			209171 B	200004 B					
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g			6.929 C	5.423 C					
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g			23.845	19.47					
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g			22.769	19.235					
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			167.193	136.351					
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			95.265	88.069					
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g			30.399 U	3.723 J					
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g			208.767	177.223					
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g			3980.66	3872.29					
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g			283.893	259.14					
Octachlorodibenzofuran (OCDF)	pg/g			24083.2	22638.3					
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g			37.015	27.638					
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g			417.64	384.695					
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g			5049.63	4316.22					
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g			41930.1	40360.7					
Tetrachlorodibenzofurans (TCDF), Total	pg/g			122.01	117.198					
Pentachlorodibenzofurans (PeCDF), Total	pg/g			1112.03	1073.64					
Hexachlorodibenzofurans (HxCDF), Total	pg/g			3804.51	5065.16					
Heptachlorodibenzofurans (HpCDF), Total	pg/g			15952.4	15856.9					
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g			645.355	593.145					

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS14	SS14	SS15	SS15	SS16	SS16	SS17	SS17	SS17
Sample ID		SO028	SO029	SO015	SO016	SO022	SO023	SO017	SO018	SO019
Date		8/12/02	8/12/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02
Depth in inches		0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	6 - 18 Field dup
Conventionals	Units									
Carbon, Total Organic (TOC)	%			0.37						
pH	PH			7.1						
Solids, Total	%	98.1	96.4	96.7	90.8	97.4	94.7	88.2	94.6	94.4
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	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
3,5-Dichlorophenol	ug/Kg	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
2,4,5-Trichlorophenol	ug/Kg	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
2,4,6-Trichlorophenol	ug/Kg	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
Tetrachlorophenols, Total	ug/Kg	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
Pentachlorophenol (PCP)	ug/Kg	990	130	47	5.2 J	410 J	73	62	4.1 J	4.8 J
TPH	Units									
Diesel Range Organics (DRO)	ug/Kg	300000 Y	60000 Y	33000 H	17000 U	36000 H	22000 J	13000 U	6300 U	4500 U
Residual Range Organics (RRO)	ug/Kg	730000 O	180000 O	270000 O	79000 J	190000 O	90000 J	120000 O	24000 U	19000 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg		1.1 J						0.23 U	0.23 U
Acenaphthene	ug/Kg		0.22 U						0.23 U	0.23 U
Acenaphthylene	ug/Kg		0.63 J						0.17 J	0.17 U
Anthracene	ug/Kg		2.3 J						0.26 J	0.28 J
Benz(a)anthracene	ug/Kg		8.3						0.37 J	0.42 J
Benzo(a)pyrene	ug/Kg		17						0.52 J	0.67 J
Benzo(b)fluoranthene	ug/Kg		19						1.1 J	1.4 J
Benzo(g,h,i)perylene	ug/Kg		18						0.84 J	1.1 J
Benzo(k)fluoranthene	ug/Kg		13						1.2 J	1.6 J
Chrysene	ug/Kg		49						1.5 J	1.8 J
Dibenz(a,h)anthracene	ug/Kg		4.8 J						0.21 J	0.33 J
Fluoranthene	ug/Kg		18						1 J	1.3 J
Fluorene	ug/Kg		0.28 J						0.18 U	0.19 U
Indeno(1,2,3-cd)pyrene	ug/Kg		10						0.79 J	0.84 J
Naphthalene	ug/Kg		0.46 J						0.23 U	0.23 U
Phenanthrene	ug/Kg		3.9 J						0.31 J	0.37 J
Pyrene	ug/Kg		30						1.2 J	1.4 J
Total PAHs (calculated)	ug/Kg		194.67						9.47	11.51
Other SVOCs	Units									
1,2,4-Trimethylbenzene	ug/Kg									
1,3,5-Trimethylbenzene	ug/Kg									
VOCs	Units									
Benzene	ug/Kg									

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS14	SS14	SS15	SS15	SS16	SS16	SS17	SS17	SS17
Sample ID		SO028	SO029	SO015	SO016	SO022	SO023	SO017	SO018	SO019
Date		8/12/02	8/12/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02
Depth in inches		0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	6 - 18 Field dup
Dioxins and furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g						0.859 J			
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g						14.937			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						43.814			
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						184.031			
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						89.133			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g						4384.47			
Octachlorodibenzo-p-dioxin (OCDD)	pg/g						37404.6 B			
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g						1.983 J			
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						5.108			
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						4.776			
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						18.341			
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						13.27			
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g						9.29			
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						26.126			
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g						429.561			
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g						23.904			
Octachlorodibenzofuran (OCDF)	pg/g						1410.71			
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g						2.262			
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g						50.042			
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g						823.016			
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g						8043.5			
Tetrachlorodibenzofurans (TCDF), Total	pg/g						13.322			
Pentachlorodibenzofurans (PeCDF), Total	pg/g						164.045			
Hexachlorodibenzofurans (HxCDF), Total	pg/g						399.813			
Heptachlorodibenzofurans (HpCDF), Total	pg/g						1633.14			
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g						108.242			

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS18A	SS18A	SS18B	SS18C	SS19	SS19	SS20	SS20	SS21
Sample ID		SO020	SO021	SO450	SO451	SO013	SO014	SO011	SO012	SO009
Date		8/9/02	8/9/02	9/26/02	9/26/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02
Depth in inches		0 - 2	6 - 18	6 - 18	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2
Conventionals	Units									
Carbon, Total Organic (TOC)	%		0.48						0.19	
pH	PH		6.85						7.03	
Solids, Total	%	88.3	94.8	95.5	96.2	93.3	90.2	89.5	94.4	86.3
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	2.3 U	2.2 U			2.2 U	2.3 U	23 U	2.2 U	2.4 U
3,5-Dichlorophenol	ug/Kg	3.4 U	3.2 U			3.3 U	3.4 U	34 U	3.2 U	3.5 U
2,4,5-Trichlorophenol	ug/Kg	5.7 U	5.3 U			5.4 U	5.6 U	56 U	5.3 U	5.8 U
2,4,6-Trichlorophenol	ug/Kg	0.8 UJ	0.74 U			0.76 UJ	0.78 UJ	7.9 UJ	0.75 UJ	0.82 UJ
Tetrachlorophenols, Total	ug/Kg	56	7.5 U			7.6 U	7.9 U	79 U	7.5 U	31
Pentachlorophenol (PCP)	ug/Kg	82	11			120	6.3	480	8.8	100
TPH	Units									
Diesel Range Organics (DRO)	ug/Kg	140000 Z	22000 J			22000 J	7500 U	140000 H	7800 U	100000 Z
Residual Range Organics (RRO)	ug/Kg	630000 Z	100000 J			140000 O	21000 U	1200000 O	52000 J	520000 Z
PAHs	Units									
2-Methylnaphthalene	ug/Kg		0.56 J	0.32 J	0.22 U					
Acenaphthene	ug/Kg		0.23 U	0.22 U	0.22 U					
Acenaphthylene	ug/Kg		14	0.17 U	0.17 U					
Anthracene	ug/Kg		26	0.23 J	0.2 U					
Benz(a)anthracene	ug/Kg		65	1.2 J	0.25 J					
Benzo(a)pyrene	ug/Kg		130	1.4 J	0.15 U					
Benzo(b)fluoranthene	ug/Kg		240	4.1 J	0.31 J					
Benzo(g,h,i)perylene	ug/Kg		110	2.3 J	0.33 J					
Benzo(k)fluoranthene	ug/Kg		170	1.4 J	0.18 J					
Chrysene	ug/Kg		120	6.3	0.63 J					
Dibenz(a,h)anthracene	ug/Kg		22	0.4 J	0.19 U					
Fluoranthene	ug/Kg		9.2	4.2 J	0.59 J					
Fluorene	ug/Kg		0.18 U	0.18 U	0.18 U					
Indeno(1,2,3-cd)pyrene	ug/Kg		120 J	2.2 J	0.2 J					
Naphthalene	ug/Kg		0.43 J	0.29 J	0.22 U					
Phenanthrene	ug/Kg		1.8 J	1.8 J	0.54 J					
Pyrene	ug/Kg		15	5.4	0.59 J					
Total PAHs (calculated)	ug/Kg		1043.43	31.22	3.62					
Other SVOCs	Units									
1,2,4-Trimethylbenzene	ug/Kg									
1,3,5-Trimethylbenzene	ug/Kg									
VOCs	Units									
Benzene	ug/Kg									

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS18A	SS18A	SS18B	SS18C	SS19	SS19	SS20	SS20	SS21
Sample ID		SO020	SO021	SO450	SO451	SO013	SO014	SO011	SO012	SO009
Date		8/9/02	8/9/02	9/26/02	9/26/02	8/9/02	8/9/02	8/9/02	8/9/02	8/9/02
Depth in inches		0 - 2	6 - 18	6 - 18	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2
Dioxins and furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g									0.936 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g									13.756
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									32.176
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									375.901
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g									82.981
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g									2654.95
Octachlorodibenzo-p-dioxin (OCDD)	pg/g									22118.7 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g									5.294 C
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									14.276
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g									10.785
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									34.969
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									18.066
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g									13.687
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g									35.206
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g									602.277
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g									24.742
Octachlorodibenzofuran (OCDF)	pg/g									1845.34
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g									5.141
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g									53.182
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g									1163.3
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g									5028.62
Tetrachlorodibenzofurans (TCDF), Total	pg/g									29.319
Pentachlorodibenzofurans (PeCDF), Total	pg/g									293.031
Hexachlorodibenzofurans (HxCDF), Total	pg/g									673.884
Heptachlorodibenzofurans (HpCDF), Total	pg/g									2596.38
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g									114.906

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS21	SS22	SS22	SS23	SS23	SS24	SS24	SS25
Sample ID		SO010	SO007	SO008	SO005	SO006	SO448	SO449	SO4009
Date		8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	9/19/02	9/19/02	9/30/03
Depth in inches		6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 6
Conventionals	Units								
Carbon, Total Organic (TOC)	%								
pH	PH								
Solids, Total	%	90.7	94.2	96.6	93.3	91.8	96.5	95.9	95.6
Phenols	Units								
3,4-Dichlorophenol	ug/Kg	2.3 U	2.2 U	2.1 U	2.2 U	2.2 U	21 U	21 U	21 U
3,5-Dichlorophenol	ug/Kg	3.4 U	3.2 U	3.2 U	3.3 U	3.3 U	32 U	32 U	32 U
2,4,5-Trichlorophenol	ug/Kg	5.6 U	5.4 U	5.2 U	5.4 U	5.5 U	52 U	53 U	53 UJ
2,4,6-Trichlorophenol	ug/Kg	0.78 UJ	0.75 UJ	0.73 UJ	0.76 UJ	0.77 UJ	7.3 U	7.3 U	7.4 UJ
Tetrachlorophenols, Total	ug/Kg	7.9 U	8.2 J	7.4 U	7.6 U	7.7 U	74 U	74 U	74 U
Pentachlorophenol (PCP)	ug/Kg	32	53	12	51	5 J	230	560	1900
TPH	Units								
Diesel Range Organics (DRO)	ug/Kg	9300 U	55000 H	11000 U	8100 U	4600 U	35000 H	73000 H	58000 Y
Residual Range Organics (RRO)	ug/Kg	27000 U	260000 O	57000 J	21000 U	8600 U	170000 O	270000 O	230000 O
PAHs	Units								
2-Methylnaphthalene	ug/Kg	0.24 U						4.6 J	4.9
Acenaphthene	ug/Kg	0.24 U						0.38 J	0.23 J
Acenaphthylene	ug/Kg	0.18 U						0.32 J	0.42 J
Anthracene	ug/Kg	0.21 U						3 J	2.5 J
Benz(a)anthracene	ug/Kg	0.15 U						5.9	5.4
Benzo(a)pyrene	ug/Kg	0.16 U						9.8	6.3
Benzo(b)fluoranthene	ug/Kg	0.28 J						21	11
Benzo(g,h,i)perylene	ug/Kg	0.99 J						25	12
Benzo(k)fluoranthene	ug/Kg	0.18 J						7.7	7.6
Chrysene	ug/Kg	0.56 J						16	13
Dibenz(a,h)anthracene	ug/Kg	0.2 U						2.8 J	1.9 J
Fluoranthene	ug/Kg	0.58 J						13	11
Fluorene	ug/Kg	0.19 U						0.51 J	1.1 J
Indeno(1,2,3-cd)pyrene	ug/Kg	0.26 J						21	11
Naphthalene	ug/Kg	0.24 U						2.1 J	2.3 J
Phenanthrene	ug/Kg	0.3 J						7	8.5
Pyrene	ug/Kg	0.44 J						16	12
Total PAHs (calculated)	ug/Kg	3.59						151.51	106.25
Other SVOCs	Units								
1,2,4-Trimethylbenzene	ug/Kg								
1,3,5-Trimethylbenzene	ug/Kg								
VOCs	Units								
Benzene	ug/Kg								

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS21	SS22	SS22	SS23	SS23	SS24	SS24	SS25
Sample ID		SO010	SO007	SO008	SO005	SO006	SO448	SO449	SO4009
Date		8/9/02	8/9/02	8/9/02	8/9/02	8/9/02	9/19/02	9/19/02	9/30/03
Depth in inches		6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 2	6 - 18	0 - 6
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g						9.767		
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g						130.677		
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						247.516		
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						574.383		
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g						522.59		
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g						13447.8		
Octachlorodibenzo-p-dioxin (OCDD)	pg/g						116685		
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g						1.032 C		
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						11.294		
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g						13.011		
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						76.472		
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						69.136		
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g						12.006 UJ		
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g						163.563		
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g						3358.59		
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g						125.697 J		
Octachlorodibenzofuran (OCDF)	pg/g						14329.4 B		
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g						38.819		
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g						461.835		
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g						3820.66		
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g						25490.3		
Tetrachlorodibenzofurans (TCDF), Total	pg/g						122.166		
Pentachlorodibenzofurans (PeCDF), Total	pg/g						1124.53		
Hexachlorodibenzofurans (HxCDF), Total	pg/g						2753.39		
Heptachlorodibenzofurans (HpCDF), Total	pg/g						10167.7		
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g						494.149		

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS100	SS101	SS102	SS103	SS104	SS105	SS106	SS106
Sample ID		SO1000	SO1001	SO1002	SO1003	SO1004	SO1005	SO1006	SO1007
Date		8/9/02	8/9/02	8/9/02	8/9/02	8/14/02	8/14/02	8/14/02	8/14/02
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6
									Field dup
Conventionals	Units								
Carbon, Total Organic (TOC)	%								
pH	PH								
Solids, Total	%	86.8	85.4	88.4	92.8	67	80.6	92.2	92.7
Phenols	Units								
3,4-Dichlorophenol	ug/Kg	2.4 U	2.4 U	2.3 U	2.2 U	3 U	2.5 U	2.2 U	2.2 U
3,5-Dichlorophenol	ug/Kg	3.5 U	3.6 U	3.4 U	3.3 U	4.5 U	3.8 U	3.3 U	3.3 U
2,4,5-Trichlorophenol	ug/Kg	5.8 U	5.9 U	5.7 U	5.4 U	7.5 U	6.3 U	5.5 U	5.4 U
2,4,6-Trichlorophenol	ug/Kg	0.81 U	0.82 U	0.8 U	0.76 U	1.1 U	0.87 U	0.76 U	0.79 Ui
Tetrachlorophenols, Total	ug/Kg	8.2 U	8.3 U	8 U	7.7 U	11 U	8.8 U	7.7 U	7.7 U
Pentachlorophenol (PCP)	ug/Kg	2.4 U	4.3 J	2.3 U	2.2 U	22	2.5 U	2.8 J	5.4 Ui
TPH	Units								
Diesel Range Organics (DRO)	ug/Kg	13000 J	48000 Z	110000 Z	22000 J	65000 H	63000 H	62000 Z	56000 Z
Residual Range Organics (RRO)	ug/Kg	81000 J	260000 JZ	390000 Z	160000 Z	620000 O	690000 O	320000 Z	300000 Z
PAHs	Units								
2-Methylnaphthalene	ug/Kg	0.48 J	0.8 J	1.6 J	2.1 J	2.9 J	2.3 J	3.3 J	2.7 J
Acenaphthene	ug/Kg	0.25 U	0.25 U	0.24 U	0.23 U	0.54 J	0.27 U	1.2 J	0.93 J
Acenaphthylene	ug/Kg	0.19 U	0.19 U	0.47 J	0.43 J	3.3 J	0.27 J	0.99 J	0.97 J
Anthracene	ug/Kg	0.43 J	0.38 J	0.81 J	0.95 J	2.8 J	0.32 J	2.8 J	1.8 J
Benz(a)anthracene	ug/Kg	1 J	1.1 J	2.9 J	3.3 J	15	2.4 J	6.5	6.6
Benzo(a)pyrene	ug/Kg	0.94 J	0.87 J	3.8 J	4.6 J	26	4.9 J	8.5	8.3
Benzo(b)fluoranthene	ug/Kg	6.2	1.7 J	10	7.2	54	8.3	12	13
Benzo(g,h,i)perylene	ug/Kg	3 J	1.8 J	6.5	7.1	35	9.9	12	13
Benzo(k)fluoranthene	ug/Kg	0.18 U	2 J	7	4.4 J	38	2.2 J	11	10
Chrysene	ug/Kg	3.2 J	3.4 J	10	8.5	54	11	15	15
Dibenz(a,h)anthracene	ug/Kg	0.43 J	0.22 U	1.2 J	0.88 J	7.2 J	2.5 J	1.7 J	2.1 J
Fluoranthene	ug/Kg	3.8 J	4 J	9.6	9.3	29	2.7 J	26	22
Fluorene	ug/Kg	0.28 J	0.28 J	0.25 J	0.43 J	2 J	0.23 J	1.8 J	1.3 J
Indeno(1,2,3-cd)pyrene	ug/Kg	3.4 J	1.5 J	7.8 J	7.2 J	33	2.7 J	9.9	11
Naphthalene	ug/Kg	1.2 J	1.1 J	2.3 J	1.8 J	4.6 J	1.5 J	6.4	5.3 J
Phenanthrene	ug/Kg	3.2 J	3 J	5.3 J	7.1	17	1.7 J	23	16
Pyrene	ug/Kg	2.6 J	3.4 J	8.8	9.6	32	5.4 J	24	21
Total PAHs (calculated)	ug/Kg	29.68	24.53	76.73	72.79	353.44	56.02	162.79	148.3
Other SVOCs	Units								
1,2,4-Trimethylbenzene	ug/Kg								
1,3,5-Trimethylbenzene	ug/Kg								
VOCs	Units								
Benzene	ug/Kg								

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS100	SS101	SS102	SS103	SS104	SS105	SS106	SS106
Sample ID		SO1000	SO1001	SO1002	SO1003	SO1004	SO1005	SO1006	SO1007
Date		8/9/02	8/9/02	8/9/02	8/9/02	8/14/02	8/14/02	8/14/02	8/14/02
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6 Field dup
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.815 J	0.107 U	0.952 J	14.722	0.981 UJ	0.132 U	0.396 UJ	0.283 UJ
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	0.705 J	1.375 J	2.872 J	0.8 J	3.984 J	0.283 UJ	1.371 J	1.204 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1.094 J	1.041 J	4.026 J	1.051 J	7.801	0.17 U	2.299 J	2.342 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	2.567	30.813	22.107	3.213 J	52.998	0.956 J	8.959	6.856
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	2.906	7.896	11.201	3.012 J	26.552	0.178 U	6.498	5.638
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	36.244	176.278	309.365	55.183	1293.35	16.006	223.764	161.877
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	210.207 B	538.224 B	1810.91 B	548.798 B	10851 B	124.827 J	3364.98 B	2493.42 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	3.505 J	2.904 J	1.031 UJ	2.137 J	2.464 C	0.594 UC	1.823 C	1.712 C
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.691 J	0.88 J	1.606 UJ	0.561 J	1.805 J	0.16 U	0.879 UJ	0.972 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.901 J	1.302 J	1.85 J	1.079 J	2.3 J	0.159 U	1.599 J	1.413 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1.532 J	2.7	3.696 J	1.512 J	6.547	0.483 J	2.523 J	2.24 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.669 J	2.062 J	3.812 J	1.003 J	4.79 J	0.276 J	1.426 J	1.24 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.17 U	0.622 U	1.21 J	0.353 J	0.39 U	0.195 U	0.317 U	0.367 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.808 J	5.051	4.475 J	1.733 J	7.833	0.152 U	2.22 J	1.882 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	5.746	109.554	38.224	20.914	114.206	2.288 J	29.411	25.679
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	0.383 U	2.492 J	2.088 J	0.931 J	6.964	0.802 U	2.282 J	1.563 J
Octachlorodibenzofuran (OCDF)	pg/g	8.752	90.512	49.183	135.89	248.061	5.234 J	80.063	68.271
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	6.622	0.555	8.337	20.125	12.823	2.249	11.526	11.109
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	10.099	10.475	23.361	11.026	38.124	4.514	23.887	21.182
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	29.112	139.9	126.385	34.962	397.017	12.7	93.915	76.389
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	76.316	322.429	575.323	112.829	2459.21	36.103	539.002	375.575
Tetrachlorodibenzofurans (TCDF), Total	pg/g	17.577	13.025	22.306	42.136	34.951	6.03	28.693	26.124
Pentachlorodibenzofurans (PeCDF), Total	pg/g	11.468	48.862	32.386	38.556	66.21	7.299	28.698	23.574
Hexachlorodibenzofurans (HxCDF), Total	pg/g	9.412	191.348	83.232	27.232	150.21	5.59	40.215	34.849
Heptachlorodibenzofurans (HpCDF), Total	pg/g	12.494	347.374	98.636	54.082	334.552	5.607	91.918	80.743
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	0.9891	7.56719	6.9927	15.5514	25.6746	0.16006	4.60425	3.55233

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS107	SS108	SS109	SS110	SS111	SS112	SS113	SS114
Sample ID		SO1008	SO1009	SO1010	SO1011	SO1012	SO1013	SO1014	SO1015
Date		8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6
Conventionals	Units								
Carbon, Total Organic (TOC)	%								
pH	PH								
Solids, Total	%	97.8	89.2	80	85.7	86.2	88.4	84.3	93.7
Phenols	Units								
3,4-Dichlorophenol	ug/Kg	2.1 U	2.3 U	2.5 U	5.3 Ui	11 Ui	2.3 U	3.6 Ui	2.2 U
3,5-Dichlorophenol	ug/Kg	3.1 U	3.4 U	3.8 U	3.6 U	3.5 U	3.4 U	3.6 U	3.3 U
2,4,5-Trichlorophenol	ug/Kg	5.2 U	5.7 U	6.3 U	5.9 U	5.9 U	5.7 U	6 U	5.4 U
2,4,6-Trichlorophenol	ug/Kg	0.72 U	0.79 U	1.5 Ui	0.82 U	0.82 U	0.8 U	0.84 U	0.75 U
Tetrachlorophenols, Total	ug/Kg	7.2 U	7.9 U	8.8 U	8.3 U	8.2 U	8 U	8.4 U	7.6 U
Pentachlorophenol (PCP)	ug/Kg	5.4 J	2.3 U	2.5 U	2.4 U	2.4 U	2.3 U	2.4 U	2.2 U
TPH	Units								
Diesel Range Organics (DRO)	ug/Kg	5900 J	7200 J	87000 Z	5600 J	9200 J	6300 J	5300 J	15000 J
Residual Range Organics (RRO)	ug/Kg	62000 J	81000 J	270000 Z	77000 J	85000 J	73000 J	85000 J	160000 O
PAHs	Units								
2-Methylnaphthalene	ug/Kg	0.59 J	0.41 J	1.1 J	2.7 J	0.72 J	0.72 J	1.8 J	1.2 J
Acenaphthene	ug/Kg	0.24 J	0.24 U	0.27 U	0.4 J	0.25 U	0.24 U	0.25 U	0.23 U
Acenaphthylene	ug/Kg	0.17 U	0.32 J	0.65 J	7.5	1.3 J	1.1 J	0.19 U	0.38 J
Anthracene	ug/Kg	0.2 U	1 J	0.56 J	7.4	0.79 J	1.5 J	0.24 J	0.4 J
Benz(a)anthracene	ug/Kg	1 J	5.7	2.6 J	30	5 J	5.7	2.3 J	2.3 J
Benzo(a)pyrene	ug/Kg	0.95 J	5.4 J	3.8 J	37	6.4	7.9	1.9 J	3.3 J
Benzo(b)fluoranthene	ug/Kg	1.9 J	6.3	5.8 J	32	6.4	9.6	3.7 J	7.7
Benzo(g,h,i)perylene	ug/Kg	2.2 J	4.8 J	7.3	31	5.4 J	8.8	2.1 J	7.1
Benzo(k)fluoranthene	ug/Kg	1.5 J	5.4 J	4.4 J	34	7.2	9.4	2.1 J	4.6 J
Chrysene	ug/Kg	2.3 J	7.8	6.1 J	54	10	13	4.6 J	7.5
Dibenz(a,h)anthracene	ug/Kg	0.33 J	0.76 J	0.71 J	4.4 J	0.88 J	0.99 J	0.36 J	0.9 J
Fluoranthene	ug/Kg	2.7 J	12	8.5	110	11	18	3.9 J	6.9
Fluorene	ug/Kg	0.21 J	0.31 J	0.24 J	2.9 J	0.23 J	0.46 J	0.33 J	0.19 U
Indeno(1,2,3-cd)pyrene	ug/Kg	1.5 J	4.5 J	6.8	35	6.3	9.4	2.2 J	6.7
Naphthalene	ug/Kg	0.87 J	0.77 J	2.9 J	2.7 J	0.87 J	1.2 J	1.2 J	1.9 J
Phenanthrene	ug/Kg	1.9 J	5.5 J	5.7 J	90	7	11	3.7 J	4.2 J
Pyrene	ug/Kg	2.4 J	12	7.5	140	16	20	3.8 J	6.5
Total PAHs (calculated)	ug/Kg	20	72.56	63.56	618.3	84.77	118.05	32.43	60.38
Other SVOCs	Units								
1,2,4-Trimethylbenzene	ug/Kg								
1,3,5-Trimethylbenzene	ug/Kg								
VOCs	Units								
Benzene	ug/Kg								

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS107	SS108	SS109	SS110	SS111	SS112	SS113	SS114
Sample ID		SO1008	SO1009	SO1010	SO1011	SO1012	SO1013	SO1014	SO1015
Date		8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	8/14/02
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.212 U	0.096 U	33.041	0.24 J	0.172 U	0.634 J	0.133 UJ	0.225 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	0.321 U	0.104 U	1.149 J	0.523 UJ	0.372 UJ	0.692 J	0.324 UJ	0.937 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	0.546 UJ	0.39 J	1.612 J	0.946 J	0.702 J	1.26 J	0.55 J	1.983 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	2.104 J	1.144 J	5.513	2.651 J	3.064 J	2.914 J	4.39 J	5.85
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1.034 UJ	1.127 J	4.983 J	2.286 J	2.304 J	3.142 J	1.961 J	5.302
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	44.275	19.203	88.453	41.094	67.028	51.759	71.131	136.815
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	367.707 B	142.068 B	538.672 B	202.857 B	484.304 B	301.918 B	347.374 B	891.297 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	0.325 U	0.507 UJC	18.945 C	1.443 C	0.711 JC	0.591 UC	1 UC	0.631 UC
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.19 U	0.105 U	1.045 J	0.386 UJ	0.244 UJ	0.441 J	0.367 J	0.517 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.175 U	0.503 J	1.836 J	1.379 J	0.426 UJ	0.722 UJ	0.447 UJ	1.125 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.358 U	0.641 J	2.797 J	1.216 J	0.888 J	1.171 J	1.587 J	1.642 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.367 U	0.364 J	1.284 J	1.539 J	0.444 UJ	0.692 J	0.691 J	1.207 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.595 U	0.306 U	0.537 U	0.315 U	0.23 U	0.302 U	0.468 U	0.334 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.408 U	0.789 J	1.863 J	3.309 J	0.851 J	1.246 J	1.178 J	2.485 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	5.969	3.51 J	22.442	11.752	13.318	8.927	25.123	37.225
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	1.035 U	0.518 U	0.853 UJ	0.453 UJ	0.486 U	0.557 U	1.08 U	1.936 J
Octachlorodibenzofuran (OCDF)	pg/g	17.563	12.153	33.169	26.464	34.407	18.152	41.953	122.911
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	0.772	1.299	51.161	4.977	3.451	7.208	1.47	6.939
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	2.665	1.276	27.191	8.352	3.591	10.96	4.806	9.86
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	21.346	15.218	66.592	25.547	23.394	33.9	26.301	49.796
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	95.643	42.577	178.011	76.34	120.36	103.03	121.899	238.787
Tetrachlorodibenzofurans (TCDF), Total	pg/g	0.325 U	6.786	189.89	31.722	2.466	10.087	4.821	22.619
Pentachlorodibenzofurans (PeCDF), Total	pg/g	1.302	14.536	154.426	89.9	8.695	16.592	6.114	52.107
Hexachlorodibenzofurans (HxCDF), Total	pg/g	5.934	10.409	24.535	48.572	15.684	16.461	34.956	44.148
Heptachlorodibenzofurans (HpCDF), Total	pg/g	15.999	8.968	45.386	28.922	38.441	20.857	73.732	112.416
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	0.54097	0.20745	36.6529	0.69569	0.85533	0.63887	1.00147	2.95702

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS115	SS116	SS117	SS118	SS119	SS120	SS121
Sample ID		SO1016	SO1017	SO1018	SO1019	SO1020	SO5000	SO5001
Date		8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	9/29/03	9/29/03
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 2	0 - 2
Conventionals	Units							
Carbon, Total Organic (TOC)	%							
pH	PH							
Solids, Total	%	94.7	96.8	94.4	96.1	95.3	96.4	90.7
Phenols	Units							
3,4-Dichlorophenol	ug/Kg	2.2 U	2.1 U	6.8 Ui	2.1 U	2.1 U		
3,5-Dichlorophenol	ug/Kg	3.2 U	3.1 U	3.2 U	3.2 U	3.2 U		
2,4,5-Trichlorophenol	ug/Kg	5.3 U	5.2 U	5.3 U	5.3 U	5.3 U		
2,4,6-Trichlorophenol	ug/Kg	0.74 U	0.73 U	0.75 U	0.73 U	0.74 U		
Tetrachlorophenols, Total	ug/Kg	7.5 U	7.3 U	7.5 U	7.4 U	7.4 U		
Pentachlorophenol (PCP)	ug/Kg	2.2 U	2.1 U	2.2 U	2.8 J	2.1 U	12 J	13 J
TPH	Units							
Diesel Range Organics (DRO)	ug/Kg	15000 J	6500 J	8400 J	18000 J	4500 U		
Residual Range Organics (RRO)	ug/Kg	100000 J	77000 J	69000 J	200000 O	68000 J		
PAHs	Units							
2-Methylnaphthalene	ug/Kg	1.1 J	3.9 J	0.24 J	1.4 J	0.71 J	4.2 J	5.2
Acenaphthene	ug/Kg	0.23 U	0.22 U	0.23 U	0.3 J	5.7	4.8 U	5 U
Acenaphthylene	ug/Kg	0.36 J	0.26 J	0.17 U	0.35 J	1.6 J	4.8 U	5 U
Anthracene	ug/Kg	0.51 J	0.42 J	0.21 U	0.91 J	21	4.8 U	5 U
Benz(a)anthracene	ug/Kg	2.5 J	1.5 J	0.5 J	3.6 J	59	4.8 U	5.2
Benzo(a)pyrene	ug/Kg	3 J	2 J	0.71 J	4.7 J	59	4.8 U	5.5
Benzo(b)fluoranthene	ug/Kg	5.6	4.3 J	1.8 J	6.9	66	4.8 U	16
Benzo(g,h,i)perylene	ug/Kg	4.5 J	3.6 J	1.4 J	6.8	35	4.8 U	10
Benzo(k)fluoranthene	ug/Kg	3.7 J	2.3 J	0.81 J	4.7 J	60	4.8 U	13
Chrysene	ug/Kg	6.7	4.5 J	1.4 J	8.5	79	4.8 U	21
Dibenz(a,h)anthracene	ug/Kg	0.74 J	0.45 J	0.2 U	1.4 J	9.5	4.8 U	5 U
Fluoranthene	ug/Kg	9.3	4.9 J	1.9 J	9.7	140	4.8 U	25
Fluorene	ug/Kg	0.26 J	0.26 J	0.19 U	0.45 J	6.6	4.8 U	5 U
Indeno(1,2,3-cd)pyrene	ug/Kg	4.3 J	3.3 J	1.4 J	4.7 J	39	4.8 U	8.7
Naphthalene	ug/Kg	1.7 J	3.9 J	0.57 J	1.4 J	1.6 J	5.1	2.2 J
Phenanthrene	ug/Kg	6.2	3.9 J	1.2 J	5.9	81	4.8 U	11
Pyrene	ug/Kg	7.2	4.1 J	1.3 J	8.7	110	4.8 U	21
Total PAHs (calculated)	ug/Kg	56.57	39.69	12.99	69.01	774	5.1	138.6
Other SVOCs	Units							
1,2,4-Trimethylbenzene	ug/Kg						0.92 U	0.97 U
1,3,5-Trimethylbenzene	ug/Kg						4.3 U	4.5 U
VOCs	Units							
Benzene	ug/Kg						0.89 U	0.93 U

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS115	SS116	SS117	SS118	SS119	SS120	SS121
Sample ID		SO1016	SO1017	SO1018	SO1019	SO1020	SO5000	SO5001
Date		8/14/02	8/14/02	8/14/02	8/14/02	8/14/02	9/29/03	9/29/03
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 2	0 - 2
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.18 UJ	0.155 U	0.115 U	0.096 U	0.112 U	0.637 U	0.459 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	0.533 UJ	0.913 J	0.163 U	0.871 UJ	0.121 U	3.381 J	4.131 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	0.79 J	0.292 U	0.254 UJ	1.437 J	0.233 UJ	5.669	6.049 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1.682 J	4.789 J	0.662 J	5.089	1.217 J	13.14	13.115
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1.965 J	2.671 J	0.646 J	3.363 J	1.146 J	10.915	11.816
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	23.069	23.608	9.076	91.124	27.203	258.109	270.797
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	129.977 B	114.32 B	60.087 B	735.75 J	157.524 B	1656.594	1963.06
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	1.57 C	0.574 JC	0.309 UJC	0.26 UJC	0.342 UJC	0.667 CJ	0.659 UC
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.759 J	0.173 U	0.131 U	0.187 UJ	0.08 U	0.405 U	0.313 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	1.206 J	0.163 U	0.128 U	0.493 UJ	0.077 U	0.388 U	0.678 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1.108 UJ	0.86 J	0.359 J	1.321 UJ	0.109 U	2.056 J	2.653 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	0.739 J	0.415 J	0.162 U	0.808 J	0.105 U	2.082 J	1.984 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.198 U	0.327 U	0.234 U	0.295 U	0.156 U	0.278 U	0.233 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1.243 J	0.541 J	0.178 U	1.457 J	0.123 U	3.482 J	3.309 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	4.298 J	3.36 J	1.779 J	16.49	4.947 J	47.553	45.157
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	0.458 U	0.463 U	0.342 U	1.105 J	0.506 U	2.592 J	3.654 J
Octachlorodibenzofuran (OCDF)	pg/g	6.55	5.87	5.815 J	30.432	10.512	204.354	213.452
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	6.5	2.857	0.851	2.641	0.617	0.637 U	0.994
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	3.073	8.388	2.819	11.911	1.914	6.36	23.811
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	22.997	37.398	7.674	56.79	16.269	78.011	110.723
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	50.367	50.148	19.645	205.981	101.316	450.336	574.013
Tetrachlorodibenzofurans (TCDF), Total	pg/g	24.926	6.973	1.7	3.903	0.93	0.667	0.4
Pentachlorodibenzofurans (PeCDF), Total	pg/g	26.88	5.528	1.926	14.776	2.111	20.689	20.96
Hexachlorodibenzofurans (HxCDF), Total	pg/g	13.982	7.254	1.453	25.706	5.626	66.058	56.385
Heptachlorodibenzofurans (HpCDF), Total	pg/g	9.118	7.425	4.22	43.217	14.675	138.637	155.76
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	0.40134	0.2481	0.09677	1.58808	0.28883	6.2151148	5.8702912

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS122	SS123	SS124
Sample ID		SO5002	SO5003	SO5004
Date		9/29/03	9/29/03	9/30/03
Depth in inches		0 - 2	0 - 2	0 - 2
Conventionals	Units			
Carbon, Total Organic (TOC)	%			
pH	PH			
Solids, Total	%	89.3	86.6	89.3
Phenols	Units			
3,4-Dichlorophenol	ug/Kg			2.3 U
3,5-Dichlorophenol	ug/Kg			3.4 U
2,4,5-Trichlorophenol	ug/Kg			5.6 UJ
2,4,6-Trichlorophenol	ug/Kg			0.79 U
Tetrachlorophenols, Total	ug/Kg			7.9 U
Pentachlorophenol (PCP)	ug/Kg	100 J	180 J	23
TPH	Units			
Diesel Range Organics (DRO)	ug/Kg			
Residual Range Organics (RRO)	ug/Kg			
PAHs	Units			
2-Methylnaphthalene	ug/Kg	11	48	11
Acenaphthene	ug/Kg	5.5 U	0.25 U	0.4 J
Acenaphthylene	ug/Kg	3.2 J	17	0.79 J
Anthracene	ug/Kg	4.7 J	19	2.2 J
Benz(a)anthracene	ug/Kg	15	32	4.1 J
Benzo(a)pyrene	ug/Kg	14	41	5.9
Benzo(b)fluoranthene	ug/Kg	19	170	10
Benzo(g,h,i)perylene	ug/Kg	13	130	8.6
Benzo(k)fluoranthene	ug/Kg	14	89	8.7
Chrysene	ug/Kg	28	180	13
Dibenz(a,h)anthracene	ug/Kg	5.5 U	15	1.3 J
Fluoranthene	ug/Kg	44	120	15
Fluorene	ug/Kg	5.5 U	4.7 J	1.2 J
Indeno(1,2,3-cd)pyrene	ug/Kg	12	95	10
Naphthalene	ug/Kg	5.4 J	34	4.4 J
Phenanthrene	ug/Kg	29	58	11
Pyrene	ug/Kg	52	150	14
Total PAHs (calculated)	ug/Kg	253.3	1154.7	110.59
Other SVOCs	Units			
1,2,4-Trimethylbenzene	ug/Kg	2.8 U	1.5 U	1.4 UJ
1,3,5-Trimethylbenzene	ug/Kg	13 U	6.8 U	6.5 UJ
VOCs	Units			
Benzene	ug/Kg	2.7 U	1.5 U	1.4 UJ

Table 3.1 Site Investigation - Surface Soil Data (Continued)

Station		SS122		SS123		SS124	
Sample ID		SO5002		SO5003		SO5004	
Date		9/29/03		9/29/03		9/30/03	
Depth in inches		0 - 2		0 - 2		0 - 2	
Dioxins and furans	Units						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.983	U	3.479		0.218	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	6.966		42.453		0.403	J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	17.187		97.159		0.942	J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	46.515		252.478		3.049	J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	40.321		197.925		2.091	J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	1192.624		7430.826	B	75.811	
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	9023.859	J	64789.84	B	572.496	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	1.029	UC	2.685	C	0.466	CU
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	1.102	UJ	7.188		0.202	U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	1.867	J	8.773		0.197	U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	9.907		59.324		0.617	UJ
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	7.308		48.161		0.462	J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.594	U	1.135	U	0.328	U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	11.304		80.29		0.689	J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	172.775		1548.826		9.654	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	10.594		85.71		0.522	J
Octachlorodibenzofuran (OCDF)	pg/g	639.813		7974.593	B	33.631	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	0.983	U	39.646		0.218	U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	41.499		293.979		2.329	
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	383.891		2108.526		31.02	
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	2372.955		14471.918		170.517	
Tetrachlorodibenzofurans (TCDF), Total	pg/g	10.358		121.588		0.824	
Pentachlorodibenzofurans (PeCDF), Total	pg/g	77.391		531.065		2.224	
Hexachlorodibenzofurans (HxCDF), Total	pg/g	233.109		1958.592		9.03	
Heptachlorodibenzofurans (HpCDF), Total	pg/g	503.116		5118.307		27.968	
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	34.0441113		222.410163		0.9152627	

Table 3.2 Site Investigation - Subsurface Soil Data

Station		MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12
Sample ID		SO183	SO185	SO188	SO177	SO179	SO182	SO294	SO296	SO305
Date		8/26/02	8/26/02	8/26/02	8/26/02	8/26/02	8/26/02	8/28/02	8/28/02	8/28/02
Depth in feet		4 - 6	14 - 16	29 - 31	4 - 6	14 - 16	29 - 31	14 - 16	18 - 20	36 - 38
Conventionals	Units									
Solids, Total	%	78.2	83.9	85	96.6	80.7	76.2	95	95.4	79.3
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	2.6 U	8 Ui	4.3 Ui	2.2 Ui	2.5 U	5.6 Ui	22 U	2100 U	26 U
3,5-Dichlorophenol	ug/Kg	3.9 U	3.6 U	3.6 U	3.2 U	3.8 U	4 U	32 UJ	3200 UJ	38 UJ
2,4,5-Trichlorophenol	ug/Kg	6.4 U	6 U	5.9 U	5.2 U	6.2 U	6.6 U	53 U	5300 U	64 U
2,4,6-Trichlorophenol	ug/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
Tetrachlorophenols, Total	ug/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
Pentachlorophenol (PCP)	ug/Kg	5.3 J	2.4 U	18	2.1 U	2.5 U	2.7 U	220	110000	33 J
TPH	Units									
Diesel Range Organics	ug/Kg	5400 U	5100 U	5000 U	4400 U	5200 U	5600 U	3500000 Y	8600000 Y	5600 J
Residual Range Organics	ug/Kg	8800 J	8900 J	9900 J	6300 J	8100 J	9600 J	200000 L	480000 L	17000 J
PAHs	Units									
2-Methylnaphthalene	ug/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
Acenaphthene	ug/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
Acenaphthylene	ug/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
Anthracene	ug/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
Benz(a)anthracene	ug/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
Benzo(a)pyrene	ug/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
Benzo(b)fluoranthene	ug/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
Benzo(g,h,i)perylene	ug/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
Benzo(k)fluoranthene	ug/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
Chrysene	ug/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
Dibenz(a,h)anthracene	ug/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
Fluoranthene	ug/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
Fluorene	ug/Kg	0.22 U	0.21 U	0.2 U	0.18 U	0.22 U	0.23 U	1800	4500	0.64 J
Indeno(1,2,3-cd)pyrene	ug/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
Naphthalene	ug/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
Phenanthrene	ug/Kg	0.2 U	0.18 U	0.42 J	0.16 U	0.31 J	0.2 U	3200	7600	2.5 J
Pyrene	ug/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
Total PAHs (calculated)	ug/Kg	0.27 U	0.26 U	0.58	0.22	0.31	0.28 U	6562.6	28745.1	4.7

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		MW-13	MW-13	MW-13	MW-13	MW-13	MW-14	SB-2D	SB-2D	SB-2D
Sample ID		SO276	SO278	SO282	SO289	SO292	SO125	SO424	SO436	SO446
Date		8/28/02	8/28/02	8/28/02	8/28/02	8/28/02	8/22/02	9/18/02	9/18/02	9/18/02
Depth in feet		6 - 8	10 - 12	18 - 20	32 - 34	38 - 40	4 - 6	50 - 52	74 - 76	94 - 96
Conventionals	Units									
Solids, Total	%	94	96	94.9	75.8	80.3	96.9	79.7	87.7	91.5
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	2.2 U	21 U	22000 U	27000 U	250 U	2.1 U	26 U	12 Ui	2.2 U
3,5-Dichlorophenol	ug/Kg	3.2 U	32 U	32000 U	40000 U	380 U	3.1 U	38 U	3.5 U	3.3 U
2,4,5-Trichlorophenol	ug/Kg	5.4 U	53 U	53000 U	66000 U	630 U	5.2 U	63 U	5.8 U	5.5 U
2,4,6-Trichlorophenol	ug/Kg	0.75 UJ	7.3 UJ	7400 UJ	9300 UJ	88 UJ	0.73 U	8.8 U	0.8 U	0.77 U
Tetrachlorophenols, Total	ug/Kg	7.5 U	74 U	75000 U	93000 U	880 U	7.3 U	89 U	8.1 U	7.7 U
Pentachlorophenol (PCP)	ug/Kg	24	390	870000	830000	2300	2.1 U	500	2.3 U	2.2 U
TPH	Units									
Diesel Range Organics	ug/Kg	130000 Y	820000 Y	12000000 Y	45000000 Y	81000 Y	15000 J	5300 U	4800 U	4600 U
Residual Range Organics	ug/Kg	24000 J	210000 L	1000000 L	3100000 L	19000 J	11000 J	5300 U	4900 U	15000 J
PAHs	Units									
2-Methylnaphthalene	ug/Kg	0.23 U	0.22 U	11 J	60000	19	0.22 U	0.28 J	0.24 U	0.31 J
Acenaphthene	ug/Kg	0.23 U	0.22 U	760	28000	32	0.22 U	0.27 U	0.24 U	0.23 U
Acenaphthylene	ug/Kg	0.18 U	1 J	26 Ui	960	1.1 J	0.17 U	0.21 U	0.19 U	0.18 U
Anthracene	ug/Kg	0.21 U	8.1	28 J	13000	25	0.2 U	0.24 U	0.22 U	0.21 U
Benz(a)anthracene	ug/Kg	0.14 U	0.14 U	250 J	4100	9.9	0.14 U	6.3 U	5.7 U	5.5 U
Benzo(a)pyrene	ug/Kg	0.15 U	4.5 J	89 J	2000	3.7 J	0.15 U	0.18 U	0.16 U	0.16 U
Benzo(b)fluoranthene	ug/Kg	0.15 U	3.5 J	120 J	1600	4 J	0.52 J	0.18 J	0.16 U	0.16 U
Benzo(g,h,i)perylene	ug/Kg	5.4 U	10	21 J	500	6.3 U	0.11 U	0.13 U	0.12 U	0.37 J
Benzo(k)fluoranthene	ug/Kg	0.16 U	0.16 U	100 J	1900	5.1 J	0.16 U	0.19 U	0.18 U	0.17 U
Chrysene	ug/Kg	2.6 J	36	710 J	5000	15	0.16 U	0.25 J	0.18 U	0.22 J
Dibenz(a,h)anthracene	ug/Kg	0.2 U	1.3 J	9.2 J	150	0.35 J	0.19 U	0.23 U	0.21 U	0.2 U
Fluoranthene	ug/Kg	0.19 U	1.5 J	1500	22000	60	0.18 U	0.28 J	0.29 J	0.35 J
Fluorene	ug/Kg	0.19 U	0.18 U	120	43000	61	0.18 U	0.22 U	0.2 U	0.19 U
Indeno(1,2,3-cd)pyrene	ug/Kg	0.41 J	14	30 J	740	2.2 J	0.16 U	0.19 U	0.18 U	0.17 U
Naphthalene	ug/Kg	0.23 J	0.24 J	9 J	35000	4.4 J	5.2 U	0.51 J	0.24 U	0.23 U
Phenanthrene	ug/Kg	0.16 U	4.7 J	81	82000	170	0.16 U	0.82 J	0.31 J	0.58 J
Pyrene	ug/Kg	0.94 J	4.5 J	1900	18000	62	0.14 J	6.3 U	5.7 U	5.5 U
Total PAHs (calculated)	ug/Kg	4.18	89.34	5727.2	257950	455.75	0.66	2.04	0.6	1.52

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-3D	SB-3D	SB-3D	SB-35	SB-35	SB-35	SB-36	SB-36	SB-36
Sample ID		SO374	SO386	SO397	SO154	SO168	SO175	SO150	SO155	SO162
Date		9/17/02	9/17/02	9/17/02	8/23/02	8/23/02	8/23/02	8/23/02	8/23/02	8/23/02
Depth in feet		50 - 52	74 - 76	96 - 98	4 - 6	14 - 16	28 - 30	4 - 6	14 - 16	28 - 30
Conventionals	Units									
Solids, Total	%	91.7	87.7	89.3	95.7	96	92.3	96	94.2	79.2
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	30 Ui	40 Ui	24 Ui	2.1 U	2.1 U	2.2 U	2.1 U	4.7 J	9.6 Ui
3,5-Dichlorophenol	ug/Kg	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
2,4,5-Trichlorophenol	ug/Kg	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
2,4,6-Trichlorophenol	ug/Kg	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
Tetrachlorophenols, Total	ug/Kg	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
Pentachlorophenol (PCP)	ug/Kg	420 J	2.3 U	2.3 U	41	2.1 U	7.9	13	13	13
TPH	Units									
Diesel Range Organics	ug/Kg	4600 U	4800 U	4700 U	4700 J	5000 J	4900 J	4500 J	5700 J	5400 J
Residual Range Organics	ug/Kg	4600 U	4900 U	4800 U	4500 U	4500 U	4600 U	4400 U	4500 U	5400 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg	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
Acenaphthene	ug/Kg	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
Acenaphthylene	ug/Kg	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
Anthracene	ug/Kg	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
Benz(a)anthracene	ug/Kg	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
Benzo(a)pyrene	ug/Kg	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
Benzo(b)fluoranthene	ug/Kg	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
Benzo(g,h,i)perylene	ug/Kg	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
Benzo(k)fluoranthene	ug/Kg	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
Chrysene	ug/Kg	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
Dibenz(a,h)anthracene	ug/Kg	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
Fluoranthene	ug/Kg	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
Fluorene	ug/Kg	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
Indeno(1,2,3-cd)pyrene	ug/Kg	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
Naphthalene	ug/Kg	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
Phenanthrene	ug/Kg	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
Pyrene	ug/Kg	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
Total PAHs (calculated)	ug/Kg	10.25	0.63	1.98	1.2	5.3 U	0.86	0.64	0.83	2.82

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-37	SB-37	SB-37	SB-37	SB-38	SB-38	SB-38	SB-38	SB-39
Sample ID		SO134	SO137	SO142	SO146	SO205	SO211	SO216	SO218	SO191
Date		8/23/02	8/23/02	8/23/02	8/23/02	8/27/02	8/27/02	8/27/02	8/27/02	8/26/02
Depth in feet		6 - 8	12 - 14	22 - 24	30 - 32	4 - 6	16 - 18	26 - 28	30 - 32	10 - 12
Conventionals	Units									
Solids, Total	%	93.8	96.6	94.5	78.4	88	87.7	76.6	74.6	96.9
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	11 Ui	16 Ui	2200 U	26 U	2300 U	230 U	2.7 U	27 U	21000 U
3,5-Dichlorophenol	ug/Kg	3.2 U	3.2 U	3200 U	39 U	3500 U	350 U	4 U	41 U	31000 U
2,4,5-Trichlorophenol	ug/Kg	5.4 U	5.2 U	5300 U	64 U	5700 U	580 U	6.6 U	68 U	52000 U
2,4,6-Trichlorophenol	ug/Kg	0.75 U	0.73 U	750 U	9 U	800 U	80 U	0.92 U	9.4 U	21000 Ui
Tetrachlorophenols, Total	ug/Kg	7.5 U	7.4 U	7500 UJ	100 J	8100 UJ	810 UJ	9.3 UJ	95 UJ	390000
Pentachlorophenol (PCP)	ug/Kg	2.2 U	6.4	200000	1100	250000 J	2000	49	460	1300000
TPH	Units									
Diesel Range Organics	ug/Kg	5000 J	4700 J	17000000 Y	64000 Y	6000000 Y	3500000 Y	21000 J	5700 U	11000000
Residual Range Organics	ug/Kg	4500 U	4400 U	1200000 L	7000 J	840000 L	420000 L	5600 U	5700 U	1300000
PAHs	Units									
2-Methylnaphthalene	ug/Kg	0.23 U	0.22 U	26 J	1.1 J	1 J	0.34 J	0.28 U	0.54 J	170000 J
Acenaphthene	ug/Kg	0.23 U	0.22 U	190	1.7 J	4.8 J	1.9 J	0.28 U	0.29 U	210000 J
Acenaphthylene	ug/Kg	0.18 U	0.17 U	28 J	0.35 J	4.5 J	0.19 U	0.21 U	0.22 U	2900 J
Anthracene	ug/Kg	0.21 U	0.2 U	200	2.2 J	84	19 Ui	0.25 U	0.3 J	95000 J
Benz(a)anthracene	ug/Kg	0.14 U	0.14 U	680	1.3 J	6.8	0.15 U	0.17 U	0.18 U	29000 J
Benzo(a)pyrene	ug/Kg	0.15 U	0.15 U	440	0.18 U	25	7.9	0.19 U	0.19 U	14000 J
Benzo(b)fluoranthene	ug/Kg	0.15 U	0.15 U	380	1.1 J	110	12	0.19 U	0.19 U	12000 J
Benzo(g,h,i)perylene	ug/Kg	0.11 U	0.11 U	110	0.34 J	31	4.6 J	6.6 U	0.14 U	3900 J
Benzo(k)fluoranthene	ug/Kg	0.16 U	0.16 U	420	1.3 J	70	0.18 U	0.2 U	0.21 U	14000 J
Chrysene	ug/Kg	0.16 U	0.16 U	1200	3.7 J	250	160	0.89 J	0.21 U	29000 J
Dibenz(a,h)anthracene	ug/Kg	0.2 U	0.19 U	34 J	0.28 J	11	0.95 J	0.24 U	0.25 U	1200 J
Fluoranthene	ug/Kg	0.19 U	0.18 U	2900	5.2 J	24 J	11 Ui	0.23 U	6.7 U	180000 J
Fluorene	ug/Kg	0.19 U	0.18 U	49 J	2.7 J	0.2 U	6.4 Ui	0.23 U	0.51 J	190000 J
Indeno(1,2,3-cd)pyrene	ug/Kg	0.16 U	0.16 U	160	0.47 J	46	5.3 J	6.6 U	0.21 U	5800 J
Naphthalene	ug/Kg	0.23 U	5.2 U	2.3 U	6.4 U	0.51 J	0.69 J	0.33 J	1.2 J	5400 J
Phenanthrene	ug/Kg	0.16 U	5.2 U	69	4.5 J	50 J	9.5 Ui	0.2 U	1.5 J	450000 J
Pyrene	ug/Kg	0.12 U	0.12 U	3900	13	850	37	1.9 J	6.7 U	130000 J
Total PAHs (calculated)	ug/Kg	0.23 U	5.2 U	10760	38.14	1567.61	230.34	3.12	3.51	1372200

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-39	SB-39	SB-39	SB-40	SB-40	SB-40	SB-41	SB-41	SB-41
Sample ID		SO193	SO195	SO201	SO259	SO265	SO272	SO221	SO227	SO231
Date		8/26/02	8/26/02	8/26/02	8/27/02	8/27/02	8/27/02	8/27/02	8/27/02	8/27/02
Depth in feet		14 - 16	18 - 20	30 - 32	4 - 6	16 - 18	30 - 32	4 - 6	16 - 18	24 - 26
Conventionals	Units									
Solids, Total	%	96.3	95	73	96.6	96.9	77.2	93.6	94.7	91.8
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	11 Ui	2.2 U	28 U	12 Ui	2.1 U	2.6 U	2.8 Ui	11 Ui	8.9 Ui
3,5-Dichlorophenol	ug/Kg	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
2,4,5-Trichlorophenol	ug/Kg	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
2,4,6-Trichlorophenol	ug/Kg	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
Tetrachlorophenols, Total	ug/Kg	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
Pentachlorophenol (PCP)	ug/Kg	26	88	420	2.1 U	2.1 U	2.6 U	13	2.2 U	2.2 U
TPH	Units									
Diesel Range Organics	ug/Kg	4400 U	4600 J	5800 U	4400 U	4400 U	5500 U	4500 U	4500 U	4600 U
Residual Range Organics	ug/Kg	6700 J	8000 J	11000 J	4400 U	4400 U	5500 U	4600 U	4500 U	4600 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg	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
Acenaphthene	ug/Kg	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
Acenaphthylene	ug/Kg	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
Anthracene	ug/Kg	2 J	35	0.57 J	0.2 U	0.2 U	0.25 U	0.24 J	0.21 U	0.21 U
Benz(a)anthracene	ug/Kg	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
Benzo(a)pyrene	ug/Kg	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
Benzo(b)fluoranthene	ug/Kg	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
Benzo(g,h,i)perylene	ug/Kg	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
Benzo(k)fluoranthene	ug/Kg	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
Chrysene	ug/Kg	2 J	16	0.21 U	0.16 U	0.16 U	0.2 U	0.89 J	5.3 U	0.17 U
Dibenz(a,h)anthracene	ug/Kg	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
Fluoranthene	ug/Kg	9.9	86	0.53 J	0.18 U	0.18 U	0.23 U	5.4 U	5.3 U	5.5 U
Fluorene	ug/Kg	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
Indeno(1,2,3-cd)pyrene	ug/Kg	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
Naphthalene	ug/Kg	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
Phenanthrene	ug/Kg	8	170	6.7 J	0.21 J	0.37 J	0.56 J	1.4 J	0.5 J	0.74 J
Pyrene	ug/Kg	7.3	65	1 J	0.12 U	0.12 U	6.5 U	5.4 U	5.3 U	5.5 U
Total PAHs (calculated)	ug/Kg	40.28	492.81	19.01	0.21	0.6	0.94	5.35	0.5	1.53

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-41	SB-42	SB-42	SB-42	SB-42	SB-47	SB-48	SB-49	SB-50
Sample ID		SO235	SO240	SO246	SO252	SO254	SO128	SO130	SO132	SO131
Date		8/27/02	8/27/02	8/27/02	8/27/02	8/27/02	8/22/02	8/22/02	8/22/02	8/22/02
Depth in feet		32 - 34	4 - 6	16 - 18	28 - 30	32 - 34	4 - 6	4 - 6	4 - 6	4 - 6
Conventionals	Units									
Solids, Total	%	75	95.5	95.8	90.4	76.2	95.9	93.7	96.2	94.8
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	16 Ui	2.1 U	2.1 U	4.2 Ui	4.5 Ui	9.4 Ui	2.2 U	2.1 U	6.2 Ui
3,5-Dichlorophenol	ug/Kg	4 UJ	3.2 U	3.2 U	3.4 U	4 U	3.2 U	3.3 U	3.2 U	3.2 U
2,4,5-Trichlorophenol	ug/Kg	6.7 U	5.3 U	5.3 U	5.6 U	6.6 U	5.3 U	5.4 U	5.2 U	5.3 U
2,4,6-Trichlorophenol	ug/Kg	0.94 U	0.74 U	0.74 U	0.78 U	0.92 U	0.73 U	0.75 U	0.73 U	0.74 U
Tetrachlorophenols, Total	ug/Kg	9.4 U	7.4 UJ	7.4 UJ	10 J	9.3 UJ	7.4 U	7.6 U	7.4 U	7.5 U
Pentachlorophenol (PCP)	ug/Kg	20	2.1 U	2.1 U	93	26	2.1 U	27	2.1 U	2.2 U
TPH	Units									
Diesel Range Organics	ug/Kg	5600 U	4400 U	4400 U	4700 U	5600 U	4600 J	4800 J	4700 J	4800 J
Residual Range Organics	ug/Kg	5700 U	4500 U	4500 U	4700 U	5600 U	4400 U	4600 U	4400 U	4600 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg	1.7 J	0.22 U	0.22 U	0.67 J	0.28 U	0.22 U	0.23 U	0.22 U	0.23 U
Acenaphthene	ug/Kg	0.76 J	0.22 U	0.22 U	0.24 U	0.28 U	0.22 U	0.23 U	0.22 U	0.23 U
Acenaphthylene	ug/Kg	0.22 U	0.17 U	0.17 U	0.18 U	0.21 U	0.17 U	0.18 U	0.17 U	0.17 U
Anthracene	ug/Kg	0.26 U	0.2 U	0.2 U	0.22 U	0.25 U	0.2 U	0.21 U	0.2 U	0.21 U
Benz(a)anthracene	ug/Kg	0.18 U	0.14 U	0.14 U	0.15 U	0.18 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzo(a)pyrene	ug/Kg	0.19 U	0.15 U	0.15 U	0.16 U	0.19 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzo(b)fluoranthene	ug/Kg	0.36 J	0.15 U	0.15 U	0.16 U	0.19 U	0.15 U	0.33 J	0.17 J	0.18 J
Benzo(g,h,i)perylene	ug/Kg	0.14 U	0.11 U	0.11 U	0.12 U	0.14 U	0.11 U	0.33 J	0.11 U	0.11 U
Benzo(k)fluoranthene	ug/Kg	0.2 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.24 J	0.16 U	0.16 U
Chrysene	ug/Kg	0.2 U	0.16 U	0.16 U	5.6 U	0.2 U	0.16 U	0.36 J	0.16 U	0.16 U
Dibenz(a,h)anthracene	ug/Kg	0.24 U	0.19 U	0.19 U	0.2 U	0.24 U	0.19 U	0.2 U	0.19 U	0.19 U
Fluoranthene	ug/Kg	0.23 U	5.3 U	0.18 U	0.19 U	0.23 U	5.3 U	5.4 U	0.18 U	0.18 U
Fluorene	ug/Kg	0.75 J	0.18 U	0.18 U	0.19 U	0.23 U	0.18 U	0.19 U	0.18 U	0.18 U
Indeno(1,2,3-cd)pyrene	ug/Kg	0.2 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.21 J	0.16 U	0.16 U
Naphthalene	ug/Kg	0.33 J	0.22 U	0.22 J	0.99 J	0.28 U	0.22 U	0.23 U	5.2 U	0.23 U
Phenanthrene	ug/Kg	1.4 J	0.35 J	0.16 U	0.79 J	0.2 U	5.3 U	5.4 U	5.2 U	0.16 U
Pyrene	ug/Kg	6.7 U	5.3 U	0.12 U	5.6 U	0.15 U	0.17 J	0.38 J	0.12 U	0.12 U
Total PAHs (calculated)	ug/Kg	3.6	0.35	0.22	1.78	0.28 U	0.17	1.85	0.17	0.18

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-51	SB-52	SB-52	SB-53	SB-53	SB-54	SB-54	SB-55	SB-55
Sample ID		SO129	SO047	SO054	SO113	SO122	SO101	SO106	SO091	SO098
Date		8/22/02	8/19/02	8/19/02	8/21/02	8/21/02	8/21/02	8/21/02	8/21/02	8/21/02
Depth in feet		4 - 6	4 - 6	18 - 20	6 - 8	24 - 26	4 - 6	14 - 16	4 - 6	18 - 20
Conventionals	Units									
Solids, Total	%	96.3	90.8	92.6	94.1	94.2	94.1	95.5	94.9	93.7
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	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
3,5-Dichlorophenol	ug/Kg	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
2,4,5-Trichlorophenol	ug/Kg	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
2,4,6-Trichlorophenol	ug/Kg	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
Tetrachlorophenols, Total	ug/Kg	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
Pentachlorophenol (PCP)	ug/Kg	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
TPH	Units									
Diesel Range Organics	ug/Kg	4500 J	14000 J	4600 U	4500 U	4500 U	4500 U	4400 U	4500000 U	4500000 U
Residual Range Organics	ug/Kg	4400 U	74000 J	4600 U	4500 U	4500 U	4500 U	4500 U	4500000 U	4600000 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg	0.22 U								
Acenaphthene	ug/Kg	0.22 U								
Acenaphthylene	ug/Kg	0.17 U								
Anthracene	ug/Kg	0.2 U								
Benz(a)anthracene	ug/Kg	0.14 U								
Benzo(a)pyrene	ug/Kg	0.15 U								
Benzo(b)fluoranthene	ug/Kg	0.15 U								
Benzo(g,h,i)perylene	ug/Kg	0.11 U								
Benzo(k)fluoranthene	ug/Kg	0.16 U								
Chrysene	ug/Kg	0.16 U								
Dibenz(a,h)anthracene	ug/Kg	0.19 U								
Fluoranthene	ug/Kg	0.18 U								
Fluorene	ug/Kg	0.18 U								
Indeno(1,2,3-cd)pyrene	ug/Kg	0.16 U								
Naphthalene	ug/Kg	0.22 U								
Phenanthrene	ug/Kg	5.2 U								
Pyrene	ug/Kg	0.12 U								
Total PAHs (calculated)	ug/Kg	5.2 U								

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-56	SB-56	SB-57	SB-57	SB-58	SB-58	SB-59	SB-60	SB-61
Sample ID		SO061	SO065	SO082	SO086	SO071	SO075	SO126	SO127	SO306
Date		8/20/02	8/20/02	8/20/02	8/20/02	8/20/02	8/20/02	8/22/02	8/22/02	9/6/02
Depth in feet		4 - 6	12 - 14	4 - 6	12 - 14	4 - 6	12 - 14	4 - 6	4 - 6	4 - 6
Conventionals	Units									
Solids, Total	%	95.2	95.8	94.8	95.9	93.3	93.6	92.1	94.2	95.8
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	11 Ui	4.8 Ui	21 Ui	11 Ui	2.2 U	9.7 Ui	2.2 U	2.2 U	2.1 U
3,5-Dichlorophenol	ug/Kg	3.2 U	3.2 U	3.2 U	3.2 U	3.3 U	3.3 U	3.3 U	3.2 U	3.2 U
2,4,5-Trichlorophenol	ug/Kg	5.3 U	5.3 U	5.3 U	5.3 U	5.4 U	5.4 U	5.5 U	5.4 U	5.3 U
2,4,6-Trichlorophenol	ug/Kg	0.74 U	0.74 U	0.74 UJ	0.73 U	0.76 U	0.75 U	0.77 U	0.75 U	0.74 UJ
Tetrachlorophenols, Total	ug/Kg	7.5 U	7.4 U	7.5 U	7.4 U	7.6 U	7.6 U	7.7 U	7.5 U	7.4 U
Pentachlorophenol (PCP)	ug/Kg	2.2 U	2.1 U	6.2	2.1 U	74	28	2.2 U	2.2 U	6.1
TPH	Units									
Diesel Range Organics	ug/Kg	4500 U	4400 U	4500000 U	4400000 U	5900 J	4500 U	4600 U	4900 J	4400 U
Residual Range Organics	ug/Kg	4500 U	4500 U	5300000 J	4400000 U	23000 J	4600 U	7900 J	4500 U	4500 U
PAHs	Units									
2-Methylnaphthalene	ug/Kg							0.3 J	0.23 U	0.75 J
Acenaphthene	ug/Kg							0.23 U	0.23 U	3.6 J
Acenaphthylene	ug/Kg							0.18 U	0.17 U	0.17 U
Anthracene	ug/Kg							0.21 U	0.21 U	5.1 J
Benz(a)anthracene	ug/Kg							0.22 J	0.14 U	3.1 J
Benzo(a)pyrene	ug/Kg							0.26 J	0.15 U	0.82 J
Benzo(b)fluoranthene	ug/Kg							1.3 J	0.5 J	1.7 J
Benzo(g,h,i)perylene	ug/Kg							0.76 J	0.11 U	5.3 U
Benzo(k)fluoranthene	ug/Kg							0.55 J	0.16 U	0.56 J
Chrysene	ug/Kg							0.64 J	0.16 U	4.1 J
Dibenz(a,h)anthracene	ug/Kg							0.2 U	0.2 U	0.19 U
Fluoranthene	ug/Kg							5.5 U	5.4 U	21
Fluorene	ug/Kg							0.19 U	0.19 U	5.5
Indeno(1,2,3-cd)pyrene	ug/Kg							0.83 J	0.16 U	0.52 J
Naphthalene	ug/Kg							5.5 U	5.4 U	5.3 U
Phenanthrene	ug/Kg							5.5 U	5.4 U	29
Pyrene	ug/Kg							0.53 J	0.19 J	14
Total PAHs (calculated)	ug/Kg							5.09	0.69	89

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-61	SB-61	SB-61	SB-62	SB-62	SB-62	SB-63	SB-63	SB-63
Sample ID		SO307	SO312	SO319	SO322	SO327	SO334	SO337	SO338	SO342
Date		9/6/02	9/6/02	9/6/02	9/6/02	9/6/02	9/6/02	9/6/02	9/6/02	9/6/02
Depth in feet		4 - 6	14 - 16	28 - 30	4 - 6	14 - 16	28 - 30	14 - 16	14 - 16	22 - 24
		Field dup							Field dup	
Conventionals	Units									
Solids, Total	%	95.6	94.5	81	97.1	97.5	80.5	95.4	94.1	93.1
Phenols	Units									
3,4-Dichlorophenol	ug/Kg	2.1 UJ	2.2 U	25 U	2.1 U	2.1 U	2.5 U	2100 U	2200 U	2200 U
3,5-Dichlorophenol	ug/Kg	3.2 UJ	3.2 U	38 U	3.1 U	3.1 U	3.8 U	3200 U	3200 U	3300 U
2,4,5-Trichlorophenol	ug/Kg	5.3 UJ	5.3 U	62 U	5.2 U	5.2 U	6.3 U	5300 U	5400 U	5400 U
2,4,6-Trichlorophenol	ug/Kg	0.74 UJ	0.75 UJ	8.7 UJ	0.73 UJ	0.72 UJ	0.87 UJ	740 UJ	750 UJ	760 UJ
Tetrachlorophenols, Total	ug/Kg	7.4 U	7.5 U	88 U	7.3 U	7.3 U	8.8 U	7400 U	7500 U	7600 U
Pentachlorophenol (PCP)	ug/Kg	6.5	2.2 U	550	2.1 U	6.4	23	140000	170000	250000
TPH	Units									
Diesel Range Organics	ug/Kg	4400 U	4500 U	30000 U	4400 U	4400 U	5300 U	6400000 Y	6400000 Y	21000000 Y
Residual Range Organics	ug/Kg	4500 U	4500 U	5300 U	4400 U	4400 U	5300 U	360000 L	350000 L	1100000 L
PAHs	Units									
2-Methylnaphthalene	ug/Kg	1.1 J	0.23 U	0.26 U	0.22 U	0.22 U	0.27 U	22 J	15 J	42000
Acenaphthene	ug/Kg	4.6 J	0.23 U	0.26 U	0.22 U	0.22 U	0.27 U	280	250	19000
Acenaphthylene	ug/Kg	0.17 U	0.17 U	0.2 U	0.17 U	0.17 U	0.2 U	26 J	23 J	550
Anthracene	ug/Kg	5 J	0.21 U	0.24 U	0.2 U	0.2 U	0.24 U	1300	1100	3000
Benz(a)anthracene	ug/Kg	1.9 J	0.14 U	0.17 U	0.14 U	0.2 J	0.17 U	95	84	210 J
Benzo(a)pyrene	ug/Kg	0.54 J	0.15 U	0.18 U	0.15 U	0.15 U	0.18 U	35	32	84 J
Benzo(b)fluoranthene	ug/Kg	0.94 J	0.15 U	0.18 U	0.15 U	0.15 U	0.18 U	45	41	120 J
Benzo(g,h,i)perylene	ug/Kg	5.3 U	0.11 U	0.13 U	0.11 U	0.11 U	6.3 U	20 J	18 J	38 J
Benzo(k)fluoranthene	ug/Kg	0.69 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	25 J	22 J	35 J
Chrysene	ug/Kg	2.8 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	240	240	340
Dibenz(a,h)anthracene	ug/Kg	0.19 U	0.2 U	0.23 U	0.19 U	0.19 U	0.23 U	8.7 J	8.7 J	11 J
Fluoranthene	ug/Kg	13	5.3 U	0.21 U	0.18 U	0.18 U	0.22 J	590	560	2000
Fluorene	ug/Kg	6.9	0.18 U	0.21 U	0.18 U	0.18 U	0.22 U	1300	1200	17000
Indeno(1,2,3-cd)pyrene	ug/Kg	0.53 J	0.16 U	0.19 U	0.16 U	0.16 U	0.19 U	25 J	23 J	48 J
Naphthalene	ug/Kg	5.3 U	5.3 U	6.2 U	5.2 U	5.2 U	6.3 U	870	750	27000
Phenanthrene	ug/Kg	26	0.84 J	0.19 U	0.22 J	0.28 J	6.3 U	1700	1600	22000
Pyrene	ug/Kg	9.4	5.3 U	2.6 J	5.2 U	5.2 U	6.3 U	860	800	2900
Total PAHs (calculated)	ug/Kg	72.3	0.84	2.6	0.22	0.48	0.22	7419.7	6751.7	94336

Table 3.2 Site Investigation - Subsurface Soil Data (Continued)

Station		SB-63	
Sample ID		SO346	
Date		9/6/02	
Depth in feet		30 - 32	
Conventionals	Units		
Solids, Total	%	84.4	
Phenols	Units		
3,4-Dichlorophenol	ug/Kg	240	U
3,5-Dichlorophenol	ug/Kg	360	U
2,4,5-Trichlorophenol	ug/Kg	600	U
2,4,6-Trichlorophenol	ug/Kg	83	UJ
Tetrachlorophenols, Total	ug/Kg	840	U
Pentachlorophenol (PCP)	ug/Kg	2500	
TPH	Units		
Diesel Range Organics	ug/Kg	37000	U
Residual Range Organics	ug/Kg	7400	J
PAHs	Units		
2-Methylnaphthalene	ug/Kg	30	
Acenaphthene	ug/Kg	23	
Acenaphthylene	ug/Kg	0.19	U
Anthracene	ug/Kg	2.6	J
Benz(a)anthracene	ug/Kg	0.59	J
Benzo(a)pyrene	ug/Kg	0.17	U
Benzo(b)fluoranthene	ug/Kg	0.17	U
Benzo(g,h,i)perylene	ug/Kg	6	U
Benzo(k)fluoranthene	ug/Kg	0.18	U
Chrysene	ug/Kg	1.5	J
Dibenz(a,h)anthracene	ug/Kg	0.22	U
Fluoranthene	ug/Kg	6	J
Fluorene	ug/Kg	43	
Indeno(1,2,3-cd)pyrene	ug/Kg	0.19	J
Naphthalene	ug/Kg	43	
Phenanthrene	ug/Kg	110	
Pyrene	ug/Kg	6.8	
Total PAHs (calculated)	ug/Kg	236.68	

Table 3.3 Site Investigation - Sediment Data

Station		D1	D2	D2	D5	D6	D7
Sample ID		SD002	SD003	SD004	SD005	SD006	SD001
Date		8/15/02	8/15/02	8/15/02	8/15/02	8/15/02	8/15/02
Depth in inches		0 - 6	0 - 6	0 - 6	0 - 6	0 - 6	0 - 6
				Field dup			
Conventionals	Units						
Carbon, Total Organic (TOC)	%	1.19	1.68	1.46	2.35	3.77	2.48
pH	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	Units						
3,4-Dichlorophenol	ug/Kg	27 U	23 U	24 U	250 U	2000	980 J
3,5-Dichlorophenol	ug/Kg	40 U	35 U	35 U	370 U	600 U	49 U
2,4,5-Trichlorophenol	ug/Kg	66 U	57 U	58 U	620 U	1000 U	81 U
2,4,6-Trichlorophenol	ug/Kg	9.2 U	8 U	8.1 U	87 U	140 U	12 U
Tetrachlorophenols, Total	ug/Kg	93 U	81 U	87 J	870 U	1400 U	120
Pentachlorophenol (PCP)	ug/Kg	1900	1600	2500	11000	9900	2100
TPH	Units						
Diesel Range Organics (DRO)	ug/Kg	140,000 Y	690,000 Y	630,000 Y	1,200,000	2,100,000	1,600,000
Residual Range Organics (RRO)	ug/Kg	550,000 O	1,900,000 O	1,700,000 O	6,000,000 O	8,900,000 O	7,000,000 O

Table 3.4 Site Investigation - Catch Basin Data

Station		CB-01	CB-04	CB-12	CB-16	CB-18	CB-20	CB-21
Sample ID		SO8002	SO8004	SO8009	SO 8018	SO 8016	SO 8019	SO8001
Date		10/14/02	10/14/02	10/15/02	10/17/02	10/17/02	10/17/02	10/14/02
Depth in inches		48 - 50	48 - 50	48 - 50	48 - 50	48 - 50	48 - 50	48 - 50
Conventionals	Units							
Solids, Total	%	93.7	92.2	87.1	77.4	88.5	77.8	78.7
Phenols	Units							
3,4-Dichlorophenol	ug/Kg	2.2 U	2.2 U	12 Ui	26 U	16 Ui	41 J	21 Ui
3,5-Dichlorophenol	ug/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	ug/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	ug/Kg	0.75 U	0.76 U	0.81 U	9.1 U	0.8 U	0.9 U	0.89 U
Tetrachlorophenols, Total	ug/Kg	7.6 U	7.7 U	8.1 U	91 U	8 U	9.1 U	9 U
Pentachlorophenol (PCP)	ug/Kg	2.2 U	13	11	750	28 J	120	62 J
TPH	Units							
Diesel Range Organics	ug/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	ug/Kg	130,000 J	110,000 UJ	340,000 J	630,000 O	280,000 O	700,000 O	130,000 UJ

Table 3.5 Site Investigation - Synthetic Precipitation Leaching Procedure Data

Station		D1	D2	D2	D5	D6	D7	SS05	SS07	SS11
Sample ID		SD002	SD003	SD004	SD005	SD006	SD001	SO040	SO043	SO030
Date		8/15/02	8/15/02	8/15/02	8/15/02	8/15/02	8/15/02	8/13/02	8/13/02	8/12/02
				Field dup						
Phenols	Units									
3,4-Dichlorophenol	ug/L	0.2 U	1.9 Ui	0.2 U	0.2 U	16	5.6 Ui	0.41 Ui	1 Ui	0.53 Ui
3,5-Dichlorophenol	ug/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	0.2 U
2,4,5-Trichlorophenol	ug/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	0.5 U
2,4,6-Trichlorophenol	ug/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	0.03 U
Tetrachlorophenols, Tota	ug/L	0.4 U	0.4 U	0.4 U	1 Ui	1 Ui	0.58 U	0.4 U	0.4 U	0.4 U
Pentachlorophenol (PCP	ug/L	0.82	4	3.7	0.83	2.2	1.8	1.1	0.73	0.54

Table 3.5 Site Investigation - Synthetic Precipitation Leaching Procedure Data (Continued)

Station		SS11	SS15	SS18A	SS20
Sample ID		SO031	SO015	SO021	SO012
Date		8/12/02 Field dup	8/9/02	8/9/02	8/9/02
Phenols	Units				
3,4-Dichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U
3,5-Dichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U
2,4,5-Trichlorophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.03 U	0.03 U	0.03 U	0.03 U
Tetrachlorophenols, Tota	ug/L	0.4 U	0.4 U	0.4 U	0.4 U
Pentachlorophenol (PCF	ug/L	0.35 J	0.14 J	0.094 J	0.06 U

Table 3.6 Ditch Excavation and Hazardous Waste Profile Sampling

Station ID		COMP-17	D1	D1	D1	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
Date		10/1/04	10/4/04	10/4/04	10/4/04	9/30/04	9/30/04	9/30/04	10/1/04	10/1/04	10/1/04	10/1/04	10/1/04
TPH	Units												
Diesel Range Organics	ug/Kg												
Residual Range Organics (RRO)	ug/Kg												
Metals	Units												
Arsenic	mg/Kg	4.9											
Chromium	mg/Kg	12											
Phenols	Units												
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
2,4-Dimethylphenol	ug/Kg	120 U											
PAHs	Units												
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											

Table 3.6 Ditch Excavation and Hazardous Waste Profile Sampling (Continued)

Station ID		COMP-17		D1	D1	D1	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
Date		10/1/04		10/4/04	10/4/04	10/4/04	9/30/04	9/30/04	9/30/04	10/1/04	10/1/04	10/1/04	10/1/04	10/1/04
Dioxins	Units													
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	16899.79	B											
OCDD	pg/g	142510.708	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	3355.716	B											
1,2,3,4,7,8,9-HpCDF	pg/g	190.614												
OCDF	pg/g	15446.421												
Total TCDD	pg/g	30.264												
Total PeCDD	pg/g	303.226												
Total HxCDD	pg/g	3025.743												
Total HpCDD	pg/g	28912.46												
Total TCDF	pg/g	81.34												
Total PeCDF	pg/g	1052.703												
Total HxCDF	pg/g	2693.284												
Total HpCDF	pg/g	14444.908												

Table 3.6 Ditch Excavation and Hazardous Waste Profile Sampling (Continued)

Station ID		D2	D2	D2	D2	D2	D2	D2	D2	D2
Sample ID		D2-9	D2-10	D2-11	D2-12	D2-13	D2-14	D2-15	D2-16	COMP
Date		10/1/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	9/30/04
		Duplicate of D2-8								
TPH	Units									
Diesel Range Organics	ug/Kg									110000
Residual Range Organics (RRO)	ug/Kg									340000
Metals	Units									
Arsenic	mg/Kg									
Chromium	mg/Kg									
Phenols	Units									
Phenol	ug/Kg									
2,4,6-Trichlorophenol	ug/Kg									
2,3,4,6-Tetrachlorophenol	ug/Kg									
Pentachlorophenol	ug/Kg	10000	1500	1500	3000	2300	1600	2000	7000	
2,4-Dimethylphenol	ug/Kg									
PAHs	Units									
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									

Table 3.6 Ditch Excavation and Hazardous Waste Profile Sampling (Continued)

Station ID		D2	D2	D2	D2	D2	D2	D2	D2	D2
Sample ID		D2-9	D2-10	D2-11	D2-12	D2-13	D2-14	D2-15	D2-16	COMP
Date		10/1/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	10/4/04	9/30/04
		Duplicate of D2-8								
Dioxins	Units									
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									

Table 3.7 Nonaqueous Phase Liquid (NAPL) Study Data

Station ID		MW-12	
Sample ID		MW-12	
Date		9/23/05	
Phenols	Units (Wet Weight)		
Phenol	ug/Kg	100,000	U
2-Chlorophenol	ug/Kg	100,000	U
2,4-Dichlorophenol	ug/Kg	100,000	U
4-Chloro-3-methylphenol	ug/Kg	100,000	U
2,4,5-Trichlorophenol	ug/Kg	100,000	U
2,4,6-Trichlorophenol	ug/Kg	100,000	U
Pentachlorophenol	ug/Kg	7,000,000	
2,4-Dimethylphenol	ug/Kg	100,000	U
2,4-Dinitrophenol	ug/Kg	200,000	U
4,6-Dinitro-2-methylphenol	ug/Kg	200,000	U
2-Methylphenol	ug/Kg	100,000	U
4-Methylphenol	ug/Kg	100,000	U
2-Nitrophenol	ug/Kg	100,000	U
4-Nitrophenol	ug/Kg	200,000	U
PAHs	Units		
2-Methylnaphthalene	ug/Kg	350,000	
Anthracene	ug/Kg	500,000	U
Acenaphthene	ug/Kg	100,000	U
Acenaphthylene	ug/Kg	100,000	U
Benzo(a)anthracene	ug/Kg	100,000	U
Benzo(a)pyrene	ug/Kg	100,000	U
Benzo(b)fluoranthene	ug/Kg	100,000	U
Benzo(k)fluoranthene	ug/Kg	100,000	U
Benzo(g,h,i)perylene	ug/Kg	100,000	U
Chrysene	ug/Kg	100,000	U
Dibenzo(a,h)anthracene	ug/Kg	100,000	U
Fluoranthene	ug/Kg	500,000	U
Fluorene	ug/Kg	640,000	
Indeno(1,2,3-CD)pyrene	ug/Kg	100,000	U
Naphthalene	ug/Kg	170,000	
Phenanthrene	ug/Kg	1,100,000	
Pyrene	ug/Kg	100,000	U
Total PAHs	ug/Kg	1,910,000	
Semivolatile	Units		
1,2,4-Trichlorobenzene	ug/Kg	100,000	U
1,2-Dichlorobenzene	ug/Kg	100,000	U
1,3-Dichlorobenzene	ug/Kg	100,000	U
1,4-Dichlorobenzene	ug/Kg	100,000	U
2,4-Dinitrotoluene	ug/Kg	100,000	U
2,6-Dinitrotoluene	ug/Kg	100,000	U
2-Chloronaphthalene	ug/Kg	100,000	U
2-Nitroaniline	ug/Kg	200,000	U
3,3'-Dichlorobenzidine	ug/Kg	200,000	U
3-Nitroaniline	ug/Kg	200,000	U
4-Bromophenyl-phenylether	ug/Kg	500,000	U
4-Chloroaniline	ug/Kg	100,000	U
4-Chlorophenyl-phenylether	ug/Kg	100,000	U
4-Nitroaniline	ug/Kg	200,000	U
Aniline	ug/Kg	200,000	U
Benzoic acid	ug/Kg	200,000	U
Benzyl alcohol	ug/Kg	100,000	U
Bis(2-Chloroethoxy)methane	ug/Kg	100,000	U
Bis(2-Chloroethyl)ether	ug/Kg	100,000	U
Bis(2-Chloroisopropyl)ether	ug/Kg	100,000	U
Bis(2-ethylhexyl)phthalate	ug/Kg	100,000	U
Butylbenzylphthalate	ug/Kg	100,000	U
Dibenzofuran	ug/Kg	130,000	

Table 3.7 Nonaqueous Pahse Liquid (NAPL) Study Data (Continued)

Station ID		MW-12	
Sample ID		MW-12	
Date		38,618	
Semivolatiles (cont.)	Units		
Diethylphthalate	ug/Kg	100,000	U
Dimethylphthalate	ug/Kg	100,000	U
Di-n-butylphthalate	ug/Kg	500,000	U
Di-n-octylphthalate	ug/Kg	100,000	U
Hexachlorobenzene	ug/Kg	500,000	U
Hexachlorobutadiene	ug/Kg	100,000	U
Hexachlorocyclopentadiene	ug/Kg	100,000	U
Hexachloroethane	ug/Kg	100,000	U
Isophorone	ug/Kg	100,000	U
Nitrobenzene	ug/Kg	100,000	U
N-Nitrosodimethylamine	ug/Kg	200,000	U
N-Nitroso-di-n-propylamine	ug/Kg	100,000	U
N-Nitrosodiphenylamine	ug/Kg	100,000	U
TPH	Units		
Diesel Range Organics (DRO)	ug/Kg	990,000,000	Y
Residual Range Organics (RRO)	ug/Kg	84,000,000	L

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1988 - 2005)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	8/1/1992	3/1/1992	3/24/1992
Conventionals	Units												
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L	0.06	0.05 U	0.71	0.13	0.05	0.05 U						0.05 U
Bicarb. Alkalinity as CaCO3	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L	126	17	24	60	30	27						29
Chloride	mg/L	65	40	24	49	32	60						20
Coliforms in MPN/100 mL	MPN/100 mL	>2400	21	22	2 U	2 U	2 U						140
Conductivity	uMHOS/cm	454	402	240	316	342	350					310	338
Specific Conductance	mS/cm												
Eh	mV												
Fluoride	mg/L												0.2 U
Nitrate+Nitrite as Nitrogen	mg/L												1.2
Nitrate as Nitrogen	mg/L	0.04	0.6	0.2 U	1.4	0.2 U	0.2 U						
Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Dissolved Oxygen	mg/L												
pH	PH	5.8	6	5.8	6.1	6.25	5.88					5.76	6.15
Sulfate	mg/L	0.2 U	7.5	8.1	7	5.3	6.9						7.9
Tannin and Lignin	mg/L	1.5	0.16	0.2 U	0.2	0.2	0.5						0.2 U
Temperature	C												
Turbidity	NTU												
Total Organic Carbon	mg/L												1.7
Total Dissolved Solids	mg/L												209
Total Suspended Solids	mg/L												
Metals													
Copper	mg/L												
Iron	mg/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	8/1/1992	3/1/1992	3/24/1992
Dissolved metals	Units												
Arsenic	mg/L												0.005 U
Barium	mg/L												0.014
Cadmium	mg/L												0.009
Calcium	mg/L												
Chromium	mg/L												0.005 U
Copper	mg/L												0.01 U
Iron	mg/L	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02						0.021
Lead	mg/L												0.002 U
Magnesium	mg/L												
Manganese	mg/L	0.31	0.31	0.083	0.14	0.133	0.283						0.156
Mercury	mg/L												0.0005 U
Nickel	mg/L												0.02 U
Potassium	mg/L												
Selenium	mg/L												0.005 U
Silver	mg/L												0.01 U
Sodium	mg/L												
Zinc	mg/L	0.03	0.012	0.01 U	0.01 U	0.01 U	0.01 U						0.01 U
Phenols													
Phenol	ug/L								10 U				
2-Chlorophenol	ug/L								10 U				
2,4-Dichlorophenol	ug/L								10 U				
3,4-Dichlorophenol	ug/L												
3,5-Dichlorophenol	ug/L												
2,4,5-Trichlorophenol	ug/L								50 U				
2,4,6-Trichlorophenol	ug/L								10 U				
Pentachlorophenol	ug/L							74	74	52	100	49	
2-Methylphenol	ug/L								10 U				
4-Methylphenol	ug/L								10 U				
2,4-Dimethylphenol	ug/L								10 U				
2-Nitrophenol	ug/L								10 U				
4-Nitrophenol	ug/L								50 U				
2,4-Dinitrophenol	ug/L								50 U				
4,6-Dinitro-2-methylphenol	ug/L								50 U				
4-Chloro-3-methylphenol	ug/L								10 U				
Total Phenols	ug/L												
Total Tetrachlorophenols	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	8/1/1992	3/1/1992	3/24/1992
PAHs	Units												
2-Methylnaphthalene	ug/L								10 U				
Acenaphthene	ug/L								10 U				
Acenaphthylene	ug/L								10 U				
Anthracene	ug/L								10 U				
Benzo(a)anthracene	ug/L								10 U				
Benzo(a)pyrene	ug/L								10 U				
Benzo(b)fluoranthene	ug/L								10 U				
Benzo(g,h,i)perylene	ug/L								10 U				
Benzo(k)fluoranthene	ug/L								10 U				
Chrysene	ug/L								10 U				
Dibenz(a,h)anthracene	ug/L								10 U				
Fluoranthene	ug/L								10 U				
Fluorene	ug/L								10 U				
Indeno(1,2,3-cd)pyrene	ug/L								10 U				
Naphthalene	ug/L								10 U				
Phenanthrene	ug/L								10 U				
Pyrene	ug/L								10 U				
Total PAHs (calculated)	ug/L								10 U				
Petroleum Hydrocarbons	Units												
Diesel Range Organics	ug/L												
Residual Range Organics	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		6/23/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/1/1993	6/22/1993	9/1/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994
Conventionals	Units												
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U		0.05 U		0.05 U		0.05 U	0.05	0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L	23	21	35		19		14		15	15	21	21
Chloride	mg/L		14	15		11		12		13	13	15	13
Coliforms in MPN/100 mL	MPN/100 mL	2 U	240	2 U		11		8		2	2 U	2	2 U
Conductivity	uMHOS/cm	356	245	254	171	216	171	181		224	194	209	214
Specific Conductance	mS/cm												
Eh	mV												
Fluoride	mg/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	0.2 U
Nitrate+Nitrite as Nitrogen	mg/L		0.4	0.5		0.6		0.8		1.1	0.6		
Nitrate as Nitrogen	mg/L											0.8	0.5
Nitrite as Nitrogen	mg/L											0.2 U	0.2 U
Dissolved Oxygen	mg/L												
pH	PH	6.29	6.04	6.03	6.21	6.28	6.21	6.57		6.03	5.96	6.03	6.15
Sulfate	mg/L		9.7	9.4		12		9.3		9.6	9.2	11	12
Tannin and Lignin	mg/L		0.1	0.4		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Temperature	C												
Turbidity	NTU												
Total Organic Carbon	mg/L	4.7	3.8	4.8		3.9		1.8		3.7	3.9	3.5	5.3
Total Dissolved Solids	mg/L	239	176	149		127		130		153	161	146	156
Total Suspended Solids	mg/L												
Metals													
Copper	mg/L												
Iron	mg/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		6/23/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/1/1993	6/22/1993	9/1/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994
Dissolved metals	Units												
Arsenic	mg/L	0.005 U	0.005 U	0.005 U		0.005 U		0.005 U		0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.02	0.013	0.012		0.01		0.009		0.008	0.01	0.011	0.016
Cadmium	mg/L	0.003 U	0.003 U	0.003 U		0.003 U		0.003 U		0.003 U	0.003 U	0.003 U	0.003 U
Calcium	mg/L												
Chromium	mg/L	0.005 U	0.005 U	0.005 U		0.005 U		0.005 U		0.005 U	0.005 U	0.005 U	0.005 U
Copper	mg/L	0.01 U	0.01 U	0.01 U		0.01 U		0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U		0.02 U	0.02 U	0.02 U	0.028
Lead	mg/L	0.002 U	0.002 U	0.002 U		0.002 U		0.002 U		0.002 U	0.002 U	0.002 U	0.002 U
Magnesium	mg/L												
Manganese	mg/L	0.214		0.177		0.119		0.108		0.19	0.153	0.011	0.076
Mercury	mg/L	0.0005 U	0.0005 U	0.0005 U		0.0005 U		0.0005 U		0.0005 U	0.0005 U	0.0005 U	0.0005 U
Nickel	mg/L			0.02 U		0.02 U		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L												
Selenium	mg/L	0.005 U	0.005 U	0.005 U		0.005 U		0.005 U		0.005 U	0.005 U	0.007	0.005 U
Silver	mg/L	0.01 U	0.01 U	0.01 U		0.01 U		0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Sodium	mg/L												
Zinc	mg/L	0.014		0.01 U		0.01 U		0.01 U		0.01 U	0.01 U	0.01 U	0.013
Phenols	Units												
Phenol	ug/L												
2-Chlorophenol	ug/L												
2,4-Dichlorophenol	ug/L												
3,4-Dichlorophenol	ug/L												
3,5-Dichlorophenol	ug/L												
2,4,5-Trichlorophenol	ug/L												
2,4,6-Trichlorophenol	ug/L												
Pentachlorophenol	ug/L				91		100		110		110		
2-Methylphenol	ug/L												
4-Methylphenol	ug/L												
2,4-Dimethylphenol	ug/L												
2-Nitrophenol	ug/L												
4-Nitrophenol	ug/L												
2,4-Dinitrophenol	ug/L												
4,6-Dinitro-2-methylphenol	ug/L												
4-Chloro-3-methylphenol	ug/L												
Total Phenols	ug/L												
Total Tetrachlorophenols	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		6/23/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/1/1993	6/22/1993	9/1/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994
PAHs	Units												
2-Methylnaphthalene	ug/L												
Acenaphthene	ug/L												
Acenaphthylene	ug/L												
Anthracene	ug/L												
Benzo(a)anthracene	ug/L												
Benzo(a)pyrene	ug/L												
Benzo(b)fluoranthene	ug/L												
Benzo(g,h,i)perylene	ug/L												
Benzo(k)fluoranthene	ug/L												
Chrysene	ug/L												
Dibenz(a,h)anthracene	ug/L												
Fluoranthene	ug/L												
Fluorene	ug/L												
Indeno(1,2,3-cd)pyrene	ug/L												
Naphthalene	ug/L												
Phenanthrene	ug/L												
Pyrene	ug/L												
Total PAHs (calculated)	ug/L												
Petroleum Hydrocarbons	Units												
Diesel Range Organics	ug/L												
Residual Range Organics	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/15/1994	10/12/1994	11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/10/1995	1/11/1996	4/18/1996	7/18/1996
Conventionals	Units											
Alkalinity	mg/L	107		130		94	111.5	119	141.5	98	113.5	131
Ammonia as Nitrogen	mg/L		0.05 U		0.05 U		0.05 U	0.05 U	0.12	0.05 U	0.07	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L	107		130		94	111.5	119	141.5	98	113.5	131
Chemical Oxygen Demand	mg/L		26		17		19	16	20	15	17	18
Chloride	mg/L	11	12	10	12	14	12	14.5	12	19	16	12
Coliforms in MPN/100 mL	MPN/100 mL		70		30		140	2 U	23	80	30	140
Conductivity	uMHOS/cm		198		239		267	365	286	275	234	290
Specific Conductance	mS/cm											
Eh	mV											
Fluoride	mg/L		0.2 U		0.2 U							
Nitrate+Nitrite as Nitrogen	mg/L		0.3		0.4		0.9	0.5	0.3	2.7	1.3	1.1
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
Dissolved Oxygen	mg/L											
pH	PH		6.07		6.12		6.13	5.99	6.07	6.04	6.05	5.99
Sulfate	mg/L	14	14	11	10	11	11	12	12	13	12	13
Tannin and Lignin	mg/L		0.2 U		0.2		0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U
Temperature	C											
Turbidity	NTU											
Total Organic Carbon	mg/L	5.3	4	7.3	3.6	4.1	3.5	5.1	5.3	4.1	4	4.2
Total Dissolved Solids	mg/L		181		165		177	199	167	206	203	222
Total Suspended Solids	mg/L											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/15/1994	10/12/1994	11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/10/1995	1/11/1996	4/18/1996	7/18/1996
Dissolved metals	Units											
Arsenic	mg/L		0.005 U		0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L		0.012		0.012		0.02	0.017	0.018	0.015	0.018	0.022
Cadmium	mg/L		0.003 U		0.003 U		0.003 U	0.003 U	0.003 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	23.5		29		22.05	26.8	26.4	28.2	24.6	26.5	31.45
Chromium	mg/L		0.005 U		0.005 U							
Copper	mg/L		0.01 U		0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.02 U	0.022	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.027
Lead	mg/L		0.002 U		0.002 U							
Magnesium	mg/L	14.6		1.8		13.8	16.55	16.5	17.65	15	16.25	19.25
Manganese	mg/L	0.114	0.18	0.201	0.081	0.053	0.052	0.077	0.09	0.081	0.06	0.061
Mercury	mg/L		0.0005 U		0.0005 U							
Nickel	mg/L		0.02 U		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L			2.1		2.47	2.5	2.38	2.45			6.84
Selenium	mg/L		0.005 U		0.005 U							
Silver	mg/L		0.01 U		0.01 U							
Sodium	mg/L	6.85		9.08		6.69	7.6	7.14	8.765	7.6	7.96	8.735
Zinc	mg/L		0.01 U		0.01 U		0.01 U	0.01 U	0.01 U	0.011	0.025	0.012
Phenols	Units											
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L	5		19			335	34	30.5	59	28.5	16
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		8/15/1994	10/12/1994	11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/10/1995	1/11/1996	4/18/1996	7/18/1996
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		9/25/1996	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/15/1998	1/15/1998 Field dup	4/15/1998	4/15/1998 Field dup	7/16/1998	7/16/1998 Field dup
Conventionals	Units											
Alkalinity	mg/L	141.5	134.5	127.5	158	171	184	182	181	182	204	203
Ammonia as Nitrogen	mg/L		0.12	0.06	0.05 U							
Bicarb. Alkalinity as CaCO3	mg/L						184	182	181	182	204	203
Dissolved Bicarbonate	mg/L	141.5	134.5	127.5	158	171						
Chemical Oxygen Demand	mg/L	21	16	11	19	18	7	6	14	16	22	21
Chloride	mg/L	15	17	13	13	12.3	11.4	11.6	11.8	11.9	10.8	10.8
Coliforms in MPN/100 mL	MPN/100 mL	8	2	2 U	2 U	8	2 U	2 U	2 U	4	2	2 U
Conductivity	uMHOS/cm	286	335	276	335	388	319	304	397	402	421	308
Specific Conductance	mS/cm											
Eh	mV											
Fluoride	mg/L											
Nitrate+Nitrite as Nitrogen	mg/L	0.7	3.4	1.4	0.7	0.5	0.4	0.4	0.3	0.3	0.2 U	0.2 U
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
Dissolved Oxygen	mg/L											
pH	PH	4.6	6.02	6.07	5.87	5.85	5.96	6.06	6.3	6.31	6.14	6.19
Sulfate	mg/L	13	11	16	11	10.1	11	10.6	10.1	10.3	8.8	8.7
Tannin and Lignin	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U
Temperature	C											
Turbidity	NTU											
Total Organic Carbon	mg/L	5.7	5.3	4.8	6.3	6.7	6.6	6.9	6.4	6.4	7	7.3
Total Dissolved Solids	mg/L	210	242	216	256	243	238	253	230	246	334	283
Total Suspended Solids	mg/L											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		9/25/1996	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/15/1998	1/15/1998 Field dup	4/15/1998	4/16/1998 Field dup	7/16/1998	7/16/1998 Field dup
Dissolved metals	Units											
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.019	0.022	0.021	0.025	0.025	0.026	0.025	0.026	0.026	0.026	0.005 U
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	30.1	30.9	29.85	33.7	35.05	39.7	38.4	40.6	39.8	42.4	41.5
Chromium	mg/L											
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.028	0.021	0.02 U	0.021	0.02 U	0.051	0.055	0.02 U	0.02 U	0.024	0.02 U
Lead	mg/L											
Magnesium	mg/L	18.55	19.35	18.6	20.9	22.25	24.4	23.6		0.14	27.1	26.7
Manganese	mg/L	0.083	0.07	0.076	0.101	0.111	0.141	0.138	0.143	14	0.164	0.163
Mercury	mg/L											
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L		2.9	3.55	2.95	2.5	2.17	2.18		2.1	2.3	2 U
Selenium	mg/L											
Silver	mg/L											
Sodium	mg/L	9.225	8.805	8.51	9.725	9.115	9.41	9.04		9.13	9.07	8.89
Zinc	mg/L	0.01 U	0.013	0.012	0.015	0.012	0.014	0.014	0.01	0.01 U	0.01 U	0.01 U
Phenols	Units											
Phenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Pentachlorophenol	ug/L	29	22.5	37	43	33	34	36	17	29	9.8	10
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		9/25/1996	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/15/1998	1/15/1998 Field dup	4/15/1998	4/16/1998 Field dup	7/16/1998	7/16/1998 Field dup
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L						1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	ug/L						1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L						1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L						1 U	1 U	1 U	1 U	1 U	1 U
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		#######	10/6/1998	#######	1/12/1999	#######	4/13/1999	#######	7/21/1999	#######	10/4/1999	#######	1/13/2000
			Field dup		Field dup		Field dup		Field dup		Field dup		Field dup
Conventionals	Units												
Alkalinity	mg/L	222	226	201	196	198	192	218	222	231	234	200	197
Ammonia as Nitrogen	mg/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L	222	226	201	196	198	192	218	222	231	234	200	197
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L	27	30	19	5 U	17	16	22	24	28	29	17	21
Chloride	mg/L	12.2	12	11.5	11.6	12	11.8	9.9	10	9	9.9	8.8	8.8
Coliforms in MPN/100 mL	MPN/100 mL	2 U	2 U	7	11	2	2 U	4	4	2 U	2 U	2 U	2 U
Conductivity	uMHOS/cm	399	401	407	412	397	401	434	432	420	436	371	359
Specific Conductance	mS/cm												
Eh	mV												
Fluoride	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.4	0.4	0.7	0.7	0.2	0.3	0.2 U	0.2	0.6	0.6
Nitrate as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
Dissolved Oxygen	mg/L												
pH	PH	6.03	6.16	6.4	6.24	6.26	6.16	6.16	6.08	6.24	6.08	6.17	6.18
Sulfate	mg/L	9.4	9.2	9.6	9.6	8.3	8.1	7.5	7.5	7.2	7	8.1	8.3
Tannin and Lignin	mg/L	0.5	0.4	1	0.9	1	0.8	0.6	0.6	0.7	1.1	0.2	0.2
Temperature	C												
Turbidity	NTU												
Total Organic Carbon	mg/L	7.5	7.5	6.9	6.7	6.8	6.8	7.1	7.2	7.7	6.9	6.4	6.4
Total Dissolved Solids	mg/L	276	290	267	261	398	256	274	290	284	298	250	234
Total Suspended Solids	mg/L									122		4 U	4 U
Metals													
Copper	mg/L												
Iron	mg/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		#######	10/6/1998	#######	1/12/1999	#######	4/13/1999	#######	7/21/1999	#######	10/4/1999	#######	1/13/2000
			Field dup		Field dup		Field dup		Field dup		Field dup		Field dup
Dissolved metals	Units												
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.028	0.028	0.028	0.026	0.023	0.023	0.025	0.022	0.035	0.031	0.023	0.026
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	46	46.3	43.3	43.7	40.9	41.4	41.4	39.9	45.2	44.1	34.2	36.8
Chromium	mg/L												
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.108	0.143	0.049	0.07	0.02 U	0.02 U	0.02 U	0.02	0.027	0.051	0.02 U	0.02 U
Lead	mg/L												
Magnesium	mg/L	29.4	29.8	26.8	27.1	25	25.9	26.7	24.3	29.8	29.4	21	22.8
Manganese	mg/L	0.172	0.175	0.219	0.22	0.164	0.165	0.21	0.201	0.234	0.229	0.172	0.188
Mercury	mg/L												
Nickel	mg/L	0.02 U	0.023	0.022	0.021	0.02 U	0.02 U	0.02	0.02 U	0.025	0.02 U	0.02 U	0.02 U
Potassium	mg/L	2.3	2 U	3	3.2	2 U	2 U	2 U	2 U	2 U	2 U	3.8	2 U
Selenium	mg/L												
Silver	mg/L												
Sodium	mg/L	9.14	9.33	10.7	10.8	9.37	9.51	10.7	10.4	11.7	11.6	9.15	10.1
Zinc	mg/L	0.01 U	0.01 U	0.016	0.01 U	0.02	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenols													
Phenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L												
3,5-Dichlorophenol	ug/L												
2,4,5-Trichlorophenol	ug/L												
2,4,6-Trichlorophenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Pentachlorophenol	ug/L	27	31	39	36	36	38	21	28	23	29	35	40
2-Methylphenol	ug/L												
4-Methylphenol	ug/L												
2,4-Dimethylphenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/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	0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/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	0.5 U	0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/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	0.5 U	0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Total Phenols	ug/L												
Total Tetrachlorophenols	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		#######	10/6/1998	#######	1/12/1999	#######	4/13/1999	#######	7/21/1999	#######	10/4/1999	#######	1/13/2000
			Field dup		Field dup		Field dup		Field dup		Field dup		Field dup
PAHs	Units												
2-Methylnaphthalene	ug/L												
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/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	0.2 U	0.2 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Petroleum Hydrocarbons	Units												
Diesel Range Organics	ug/L												
Residual Range Organics	ug/L												

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1
Date		4/20/2000	4/20/2000	7/26/2000	7/26/2000	10/5/2000	10/5/2000	1/16/2001	1/16/2001	4/4/2001	4/4/2001	7/10/2001
			Field dup		Field dup		Field dup		Field dup		Field dup	
Conventionals	Units											
Alkalinity	mg/L	220	216			262	253					
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1	0.07	0.05 U	0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L	220	216			262	253					242
Dissolved Bicarbonate	mg/L											
Chemical Oxygen Demand	mg/L	24	21	29	14	26	27	21	23	27	27	23
Chloride	mg/L	8.2	8.2	8.3	8.2	6.7	7	7.7	7.7	5.9	5.8	5.6
Coliforms in MPN/100 mL	MPN/100 mL	11	7	2 U	2 U	2 UJ	2 J	2 UJ	2 UJ		2 UJ	2 UJ
Conductivity	uMHOS/cm	342	344	401	429	414	436	473	494	506	474	489
Specific Conductance	mS/cm											
Eh	mV											
Fluoride	mg/L											
Nitrate+Nitrite as Nitrogen	mg/L	0.4	0.4	0.5	0.5	0.2 U	0.2 U	0.3	0.3	0.2	0.4	0.4
Nitrate as Nitrogen	mg/L			0.5	0.5							
Nitrite as Nitrogen	mg/L			0.1 U	0.2 U							
Dissolved Oxygen	mg/L											
pH	PH	6.15	6.08	5.96	5.93	6.15	6.12	6.06	6.1	6.33	6.01	6.09 J
Sulfate	mg/L	7.7	7.6	7.8	7.2	6.1	6.1	7.7	7.8	8.3	8	7.2
Tannin and Lignin	mg/L	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.4	0.4	0.5
Temperature	C											
Turbidity	NTU											
Total Organic Carbon	mg/L	6.6	6.6	7.7	7.1	9.7	9.7	8.6	8.6	7.5	7.5	6.8
Total Dissolved Solids	mg/L	330	318	323	291	281	275	286	272	284	258	212
Total Suspended Solids	mg/L							6		5 U	5 U	5 U
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1
Date		4/20/2000	4/20/2000 Field dup	7/26/2000	7/26/2000 Field dup	10/5/2000	10/5/2000 Field dup	1/16/2001	1/16/2001 Field dup	4/4/2001	4/4/2001 Field dup	7/10/2001
Dissolved metals	Units											
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.029	0.027	0.028	0.027	0.034	0.033	0.03	0.03	0.025	0.025	0.027
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	43.3	44.9			49.2	49.7			44.9	47.7	46.8
Chromium	mg/L											
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03	0.02 U	0.02 U	0.02 U
Lead	mg/L											
Magnesium	mg/L	27.8	28.5			32.7	32.9			28.4	30	28.7
Manganese	mg/L	0.264	0.272	0.307	0.308	0.346	0.348	0.409	0.397	0.341	0.345	0.396
Mercury	mg/L											
Nickel	mg/L	0.02 U	0.02 U	0.02	0.02	0.02 U	0.02 U	0.02	0.02	0.02 U	0.02 U	0.027
Potassium	mg/L	2 U	2			2 U	2			2	3	2 U
Selenium	mg/L											
Silver	mg/L											
Sodium	mg/L	11.2	11.4			12.5	12.5			11	11.3	12.2
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01	0.01 U	0.01	0.01	0.01 U	0.01	0.01 U
Phenols	Units											
Phenol	ug/L	0.2 U	0.2 U									
2-Chlorophenol	ug/L	0.2 U	0.2 U									
2,4-Dichlorophenol	ug/L	0.2 U	0.2 U									
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L	0.2 U	0.2 U									
Pentachlorophenol	ug/L	28	30			16	17	19		27	33	25
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L	0.2 U	0.2 U									
2-Nitrophenol	ug/L	0.2 U	0.2 U									
4-Nitrophenol	ug/L	0.5 U	0.5 U									
2,4-Dinitrophenol	ug/L	0.5 U	0.5 U									
4,6-Dinitro-2-methylphenol	ug/L	0.5 U	0.5 U									
4-Chloro-3-methylphenol	ug/L	0.2 U	0.2 U									
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1
Date		4/20/2000	4/20/2000	7/26/2000	7/26/2000	10/5/2000	10/5/2000	1/16/2001	1/16/2001	4/4/2001	4/4/2001	7/10/2001
			Field dup		Field dup		Field dup		Field dup		Field dup	
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L	1 U	1 U									
Acenaphthylene	ug/L	1 U	1 U									
Anthracene	ug/L	0.1 U	0.1 U									
Benzo(a)anthracene	ug/L	0.1 U	0.1 U									
Benzo(a)pyrene	ug/L	0.1 U	0.1 U									
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U									
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U									
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U									
Chrysene	ug/L	0.1 U	0.1 U									
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U									
Fluoranthene	ug/L	0.2 U	0.2 U									
Fluorene	ug/L	0.2 U	0.2 U									
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U									
Naphthalene	ug/L	1 U	1 U									
Phenanthrene	ug/L	0.1 U	0.1 U									
Pyrene	ug/L	0.2 U	0.2 U									
Total PAHs (calculated)	ug/L	1 U	1 U									
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-6	BXS-1	BXS-6	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-1	BXS-1
Date		7/10/2001	10/2/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	4/11/2002	7/11/2002	1/16/03	4/10/2003
		Field dup		Field dup				Field dup			
Conventionals	Units										
Alkalinity	mg/L					242	214		238		
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U		0.05 U	0.05 U	0.05 UJ		0.05 U		
Bicarb. Alkalinity as CaCO3	mg/L	250				242			238		
Dissolved Bicarbonate	mg/L										
Chemical Oxygen Demand	mg/L	24	18		18	20	14				
Chloride	mg/L	5.5	4.3		4.3	5	5.7		6	4	4.2
Coliforms in MPN/100 mL	MPN/100 mL	2 UJ	2 UJ		2 UJ	2 UJ	2 UJ		2 U		
Conductivity	uMHOS/cm	490	504		504	471	443		434		
Specific Conductance	mS/cm									1.13	0.442
Eh	mV									258	366
Fluoride	mg/L										
Nitrate+Nitrite as Nitrogen	mg/L	0.4				0.2	1.1		0.7		
Nitrate as Nitrogen	mg/L		0.3 UJ		0.3 UJ						
Nitrite as Nitrogen	mg/L		0.1 U		0.1 U						
Dissolved Oxygen	mg/L									3.4	5.56
pH	PH	6.12 J	6.07 J		6.07 J	6.17	6 J		6.21	5.93	5.97
Sulfate	mg/L	7.1	6.7		6.7	6.8	7.9		7.5		
Tannin and Lignin	mg/L	0.5	0.6		0.6	0.3	0.4		0.5		
Temperature	C									11.6	11.7
Turbidity	NTU										1.5
Total Organic Carbon	mg/L	7.3	7.1		7.1	5.9	6.4		6		
Total Dissolved Solids	mg/L	262	262		262	275	356		384		
Total Suspended Solids	mg/L		5 U	5 U	5 U	5 U	20 Ui	5 U	5 U	5 U	5 U
Metals											
Copper	mg/L									0.0044 B	0.0123
Iron	mg/L									0.02 U	0.02 U

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-6	BXS-1	BXS-6	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-1	BXS-1
Date		7/10/2001	10/2/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	4/11/2002	7/11/2002	1/16/03	4/10/2003
		Field dup		Field dup				Field dup			
Dissolved metals	Units										
Arsenic	mg/L	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U		0.01 U		
Barium	mg/L	0.027	0.031		0.031	0.0271	0.024	0.023	0.0284		
Cadmium	mg/L	0.004 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		
Calcium	mg/L		50	49.8	50	47.3	41.4	41.4	46.9	53.1	40.3
Chromium	mg/L										
Copper	mg/L	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01	0.01 U		
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Lead	mg/L										
Magnesium	mg/L		31.6	31.4	31.6	29.3	27.4	27.4	28.9	34.8	26.8
Manganese	mg/L	0.4	0.556		0.556	0.464	0.362	0.353	0.373		
Mercury	mg/L										
Nickel	mg/L	0.026	0.024		0.024	0.027	0.02 U	0.02 U	0.0265		
Potassium	mg/L		2.47	2.54	2.47	2.8	2.33	2.36	2.5	2.39	1.61 J
Selenium	mg/L										
Silver	mg/L										
Sodium	mg/L		13.9	14.2	13.9	11.4	10.5	10.5	11.6	13.3	8.07
Zinc	mg/L	0.01 U	0.013		0.013	0.014	0.01 U	0.01 U	0.01 U		
Phenols	Units										
Phenol	ug/L										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L									2 U	
3,5-Dichlorophenol	ug/L									2 U	
2,4,5-Trichlorophenol	ug/L									5 UJ	
2,4,6-Trichlorophenol	ug/L									0.3 U	
Pentachlorophenol	ug/L		29 J	36 J	29 J	37	22	22	38	49	33
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L										
2-Nitrophenol	ug/L										
4-Nitrophenol	ug/L										
2,4-Dinitrophenol	ug/L										
4,6-Dinitro-2-methylphenol	ug/L										
4-Chloro-3-methylphenol	ug/L										
Total Phenols	ug/L										
Total Tetrachlorophenols	ug/L									4 U	

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-6	BXS-1	BXS-1	BXS-1	BXS-1	BXS-6	BXS-1	BXS-1	BXS-1
Date		7/10/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	4/11/2002	7/11/2002	1/16/03	4/10/2003
		Field dup					Field dup			
PAHs	Units									
2-Methylnaphthalene	ug/L								0.019 J	0.0037 J
Acenaphthene	ug/L								0.0031 J	0.002 U
Acenaphthylene	ug/L								0.0018 U	0.0018 U
Anthracene	ug/L								0.0046 J	0.0011 U
Benzo(a)anthracene	ug/L								0.0038 J	0.0021 U
Benzo(a)pyrene	ug/L								0.0052 J	0.0016 U
Benzo(b)fluoranthene	ug/L								0.0049 J	0.002 U
Benzo(g,h,i)perylene	ug/L								0.0079 J	0.0037 U
Benzo(k)fluoranthene	ug/L								0.0038 J	0.0014 U
Chrysene	ug/L								0.02 U	0.0013 U
Dibenz(a,h)anthracene	ug/L								0.0071 J	0.0017 U
Fluoranthene	ug/L								0.02 U	0.0024 U
Fluorene	ug/L								0.0069 J	0.0026 U
Indeno(1,2,3-cd)pyrene	ug/L								0.0074 J	0.0021 U
Naphthalene	ug/L								0.022	0.0082 J
Phenanthrene	ug/L								0.02 U	0.0032 U
Pyrene	ug/L								0.02 U	0.0023 U
Total PAHs (calculated)	ug/L								0.0767	0.0082
Petroleum Hydrocarbons	Units									
Diesel Range Organics	ug/L								45 U	36 U
Residual Range Organics	ug/L								30 U	54 U

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	GW3002	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		7/17/2003	7/17/2003	2/18/2004	4/22/2004	7/13/2004	10/12/2004	1/13/2005
Conventionals	Units							
Alkalinity	mg/L							
Ammonia as Nitrogen	mg/L							
Bicarb. Alkalinity as CaCO3	mg/L							
Dissolved Bicarbonate	mg/L							
Chemical Oxygen Demand	mg/L							
Chloride	mg/L		5.1					
Coliforms in MPN/100 mL	MPN/100 mL							
Conductivity	uMHOS/cm							
Specific Conductance	mS/cm		0.441	0.297	0.339	0.417	0.478	0.328
Eh	mV		202	143	212	182	148	4
Fluoride	mg/L							
Nitrate+Nitrite as Nitrogen	mg/L							
Nitrate as Nitrogen	mg/L							
Nitrite as Nitrogen	mg/L							
Dissolved Oxygen	mg/L		2.79	7.39	3.18	2.73	3.36	4.46
pH	PH		6.12	8.87	5.84	5.92	6.01	5.51
Sulfate	mg/L							
Tannin and Lignin	mg/L							
Temperature	C		16.19	12.54	13.71	13.66	13.14	11.92
Turbidity	NTU		0.441					0
Total Organic Carbon	mg/L							
Total Dissolved Solids	mg/L							
Total Suspended Solids	mg/L	5		5 U	5 U	5 U	5 U	5 U
Metals								
Copper	mg/L		0.008 U					
Iron	mg/L		0.0085 U					

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	GW3002	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		7/17/2003	7/17/2003	2/18/2004	4/22/2004	7/13/2004	10/12/2004	1/13/2005
Dissolved metals	Units							
Arsenic	mg/L							
Barium	mg/L							
Cadmium	mg/L							
Calcium	mg/L	38.5		25.8	31.6	36.5	43.5	30.4
Chromium	mg/L							
Copper	mg/L							
Iron	mg/L	0.0089 B		0.0152 U	0.006 U	0.02 U	0.02 U	0.02 U
Lead	mg/L							
Magnesium	mg/L	24.2		15.8	19.3	22.2	27.7	18.5
Manganese	mg/L							
Mercury	mg/L							
Nickel	mg/L							
Potassium	mg/L	2.28		2.14	1.75 J	1.9 B	2.4	1.89 B
Selenium	mg/L							
Silver	mg/L							
Sodium	mg/L	10.4		8.72	8.08	11.3	12.4	9.51
Zinc	mg/L							
Phenols	Units							
Phenol	ug/L							
2-Chlorophenol	ug/L							
2,4-Dichlorophenol	ug/L							
3,4-Dichlorophenol	ug/L	0.2 U		2 UJ	2 U	4 U	20 U	0.3 U
3,5-Dichlorophenol	ug/L	0.2 U		2 UJ	2 U	4 U	20 U	0.65 U
2,4,5-Trichlorophenol	ug/L	2 Ui		0.58 UJ	0.5 U	1 U	5 U	0.27 U
2,4,6-Trichlorophenol	ug/L	0.5 U		0.17 UJ	0.16 U	0.32 U	1.6 U	0.096 U
Pentachlorophenol	ug/L	31		26 J	27	46	48	49 J
2-Methylphenol	ug/L							
4-Methylphenol	ug/L							
2,4-Dimethylphenol	ug/L							
2-Nitrophenol	ug/L							
4-Nitrophenol	ug/L							
2,4-Dinitrophenol	ug/L							
4,6-Dinitro-2-methylphenol	ug/L							
4-Chloro-3-methylphenol	ug/L							
Total Phenols	ug/L							
Total Tetrachlorophenols	ug/L	0.4 U		0.27 UJ	0.26 U	0.52 U	2.6 U	0.66 U

Table 4.1 BXS-1; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	GW3002	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Date		7/17/2003	7/17/2003	2/18/2004	4/22/2004	7/13/2004	10/12/2004	1/13/2005
PAHs	Units							
2-Methylnaphthalene	ug/L		0.0055 J					
Acenaphthene	ug/L		0.0038 J					
Acenaphthylene	ug/L		0.0018 U					
Anthracene	ug/L		0.0011 U					
Benzo(a)anthracene	ug/L		0.0021 U					
Benzo(a)pyrene	ug/L		0.0016 U					
Benzo(b)fluoranthene	ug/L		0.002 U					
Benzo(g,h,i)perylene	ug/L		0.0037 U					
Benzo(k)fluoranthene	ug/L		0.0014 U					
Chrysene	ug/L		0.0013 U					
Dibenz(a,h)anthracene	ug/L		0.0017 U					
Fluoranthene	ug/L		0.0024 U					
Fluorene	ug/L		0.0026 U					
Indeno(1,2,3-cd)pyrene	ug/L		0.0021 U					
Naphthalene	ug/L		0.0054 J					
Phenanthrene	ug/L		0.0032 U					
Pyrene	ug/L		0.0023 U					
Total PAHs (calculated)	ug/L		0.0092					
Petroleum Hydrocarbons	Units							
Diesel Range Organics	ug/L		36 U					
Residual Range Organics	ug/L		54 U					

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1988 - 2006)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992
Conventionals	Units										
Alkalinity	mg/L										
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U	0.22	0.17	0.07				
Bicarb. Alkalinity as CaCO3	mg/L										
Chemical Oxygen Demand	mg/L	0.4	22	15	5 U	16	29				
Chloride	mg/L	68	67	78	75	43	35				
Coliforms in MPN/100 mL	MPN/100 mL	23	12	2	4	2 U	4				
Conductivity	uMHOS/cm	740	630	675	596	500	500				
Specific Conductance	mS/cm										
Dissolved Bicarbonate	mg/L										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Fluoride	mg/L										
Methane	ug/L										
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrate as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U				
Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U				
pH	PH	6.2	6.3	6.2	6.4	6.52	6.39				
Sulfate	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U				
Tannin and Lignin	mg/L	0.6	0.47	0.65	0.8	0.7	0.7				
Temperature	C										
Turbidity	NTU										
Total Dissolved Solids	mg/L										
Total Suspended Solids	mg/L										
Total Organic Carbon	mg/L	0.5 U		10	6	6.3	7.4				
Metals											
Copper	mg/L										
Iron	mg/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992
Dissolved metals	Units										
Arsenic	mg/L										
Barium	mg/L										
Cadmium	mg/L										
Calcium	mg/L										
Chromium	mg/L										
Copper	mg/L										
Iron	mg/L	0.02 U	0.15	0.052	0.02 U	0.02 U	0.03				
Lead	mg/L										
Magnesium	mg/L										
Manganese	mg/L	0.61	0.56	0.594	0.56	0.519	0.619				
Mercury	mg/L										
Nickel	mg/L										
Potassium	mg/L										
Selenium	mg/L										
Silver	mg/L										
Sodium	mg/L										
Zinc	mg/L	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.01 U				
Phenols	Units										
Phenol	ug/L								10 U		
2-Chlorophenol	ug/L								10 U		
2,4-Dichlorophenol	ug/L								10 U		
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L								50 U		
2,4,6-Trichlorophenol	ug/L								10 U		
Pentachlorophenol	ug/L							10 U	50 U	0.6	0.7
2-Methylphenol	ug/L								10 U		
4-Methylphenol	ug/L								10 U		
2,4-Dimethylphenol	ug/L								10 U		
2,4-Dinitrophenol	ug/L								50 U		
2-Nitrophenol	ug/L								10 U		
4-Nitrophenol	ug/L								50 U		
4,6-Dinitro-2-methylphenol	ug/L								50 U		
4-Chloro-3-methylphenol	ug/L								10 U		
Total Tetrachlorophenols	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992
PAHs	Units										
2-Methylnaphthalene	ug/L								10 U		
Acenaphthene	ug/L								10 U		
Acenaphthylene	ug/L								10 U		
Anthracene	ug/L								10 U		
Benzo(a)anthracene	ug/L								10 U		
Benzo(a)pyrene	ug/L								10 U		
Benzo(b)fluoranthene	ug/L								10 U		
Benzo(g,h,i)perylene	ug/L								10 U		
Benzo(k)fluoranthene	ug/L								10 U		
Chrysene	ug/L								10 U		
Dibenz(a,h)anthracene	ug/L								10 U		
Fluoranthene	ug/L								10 U		
Fluorene	ug/L								10 U		
Indeno(1,2,3-cd)pyrene	ug/L								10 U		
Naphthalene	ug/L								10 U		
Phenanthrene	ug/L								10 U		
Pyrene	ug/L								10 U		
Total PAHs (calculated)	ug/L								10 U		
Petroleum Hydrocarbons	Units										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		3/24/1992	6/23/1992	8/1/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994
Conventionals	Units											
Alkalinity	mg/L				355							
Ammonia as Nitrogen	mg/L	0.05 U	0.05			0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L											
Chemical Oxygen Demand	mg/L	49	34			40		40	30	31	40	30
Chloride	mg/L	8.1			19	6.2		6.1	6.5	6.8	7.1	7
Coliforms in MPN/100 mL	MPN/100 mL	17	2 U			50		1600	20	8	900	2 U
Conductivity	uMHOS/cm	592	592			580		562	486	542	361	588
Specific Conductance	mS/cm											
Dissolved Bicarbonate	mg/L				355							
Dissolved Oxygen	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/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
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U				0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	
Nitrate as Nitrogen	mg/L											0.2 U
Nitrite as Nitrogen	mg/L											0.2 U
pH	PH	6.25	6.34			6.26		6.28	6.29	6.23	6.2	6.39
Sulfate	mg/L	0.2 U			0.2	0.3		0.2 U	0.2	0.3	0.2 U	0.3
Tannin and Lignin	mg/L	0.4				0.5		0.5	0.4	0.5	0.4	0.5
Temperature	C											
Turbidity	NTU											
Total Dissolved Solids	mg/L	387	365		311	345		315	339	324	345	337
Total Suspended Solids	mg/L											
Total Organic Carbon	mg/L	3.1	3.6		6.6	6.8		7.4	6	7.8	8	7.7
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		3/24/1992	6/23/1992	8/1/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994
Dissolved metals	Units											
Arsenic	mg/L	0.005 U	0.005 U		0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.042	0.04		0.04	0.042		0.035	0.039	0.031	0.038	0.036
Cadmium	mg/L	0.003 U	0.003 U		0.003 U	0.003 U		0.003 U	0.003 U	0.003 U	0.004	0.003 U
Calcium	mg/L											
Chromium	mg/L	0.005 U	0.005 U		0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Copper	mg/L	0.01 U	0.01 U		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.289	0.247		0.02 U	0.228		0.36	0.423	0.389	0.808	0.586
Lead	mg/L	0.002 U	0.002 U		0.002 U	0.002 U		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Magnesium	mg/L											
Manganese	mg/L	0.616	0.656			0.669		0.568	0.604	0.504	0.61	0.641
Mercury	mg/L	0.0005 U	0.0005 U		0.0005 U	0.0005 U		0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Nickel	mg/L	0.021				0.022		0.028	0.021	0.022	0.02 U	0.02 U
Potassium	mg/L											
Selenium	mg/L	0.005 U	0.005 U		0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.01 U	0.01 U		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Sodium	mg/L											
Zinc	mg/L	0.01 U	0.01 U			0.01 U		0.01 U	0.01 U	0.01 U	0.015	0.01 U
Phenols												
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L			2.1			0.2 U					
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2,4-Dinitrophenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		3/24/1992	6/23/1992	8/1/1992	9/25/1992	12/9/1992	3/1/1993	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons												
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		6/21/1994	8/16/1994	10/12/1994	11/30/1994	1/10/1995	2/17/1995	4/27/1995	4/28/1995	8/1/1995	10/11/1995
Conventionals	Units										
Alkalinity	mg/L		283		288		314		342	335	326
Ammonia as Nitrogen	mg/L	0.05 U		0.05 U		0.12		0.05 U		0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L										
Chemical Oxygen Demand	mg/L	30		33		26		36		44	30
Chloride	mg/L	8	6.8	7.3	7.3	7.1	4.9	6.2	6.2	9.6	11
Coliforms in MPN/100 mL	MPN/100 mL	300		80		70		2 U		2 U	23
Conductivity	uMHOS/cm	455		412		458		633		721	565
Specific Conductance	mS/cm										
Dissolved Bicarbonate	mg/L		283		288		314		342	335	326
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Fluoride	mg/L	0.2 U		0.2 U		0.2 U					
Methane	ug/L										
Nitrate+Nitrite as Nitrogen	mg/L			0.2 U		0.2 U		0.2 U		0.2 U	0.2 U
Nitrate as Nitrogen	mg/L	0.2 U									
Nitrite as Nitrogen	mg/L	0.2 U									
pH	PH	6.31		6.23		6.15		6.42		6.29	6.24
Sulfate	mg/L	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Tannin and Lignin	mg/L	0.4		0.5		0.5		0.4		0.8	1.2
Temperature	C										
Turbidity	NTU										
Total Dissolved Solids	mg/L	327		335		328		347		359	346
Total Suspended Solids	mg/L										
Total Organic Carbon	mg/L	9.6	16.1	8.8	24.1	8	8	9.9	9.9	10.9	10.4
Metals											
Copper	mg/L										
Iron	mg/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		6/21/1994	8/16/1994	10/12/1994	11/30/1994	1/10/1995	2/17/1995	4/27/1995	4/28/1995	8/1/1995	10/11/1995
Dissolved metals	Units										
Arsenic	mg/L	0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	0.005 U
Barium	mg/L	0.041		0.036		0.039		0.049		0.043	0.044
Cadmium	mg/L	0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	0.003 U
Calcium	mg/L		45		46.6		53.7			53.7	55.5
Chromium	mg/L	0.005 U		0.005 U		0.005 U					
Copper	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	0.01 U
Iron	mg/L	0.627	0.744	0.855	1.21	0.924	0.936	0.895	0.895	0.895	1.3
Lead	mg/L	0.002 U		0.002 U		0.002 U					
Magnesium	mg/L		33.6		35.8		41.6		45.9	41.5	42.6
Manganese	mg/L	0.681	0.63	0.647	0.644	0.734	0.803	0.857	0.857	0.78	0.843
Mercury	mg/L	0.0005 U		0.0005 U		0.0005 U					
Nickel	mg/L	0.02		0.022		0.02		0.026		0.02 U	0.023
Potassium	mg/L		2.6		3.9		3.9		4.5	3.6	4
Selenium	mg/L	0.005 U		0.005 U		0.005 U					
Silver	mg/L	0.01 U		0.01 U		0.01 U					
Sodium	mg/L		14		14.6		14.4		13.9	12.4	13.2
Zinc	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.012	0.01 U
Phenols	Units										
Phenol	ug/L										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/L										
Pentachlorophenol	ug/L									0.7	
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L										
2,4-Dinitrophenol	ug/L										
2-Nitrophenol	ug/L										
4-Nitrophenol	ug/L										
4,6-Dinitro-2-methylphenol	ug/L										
4-Chloro-3-methylphenol	ug/L										
Total Tetrachlorophenols	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		6/21/1994	8/16/1994	10/12/1994	11/30/1994	1/10/1995	2/17/1995	4/27/1995	4/28/1995	8/1/1995	10/11/1995
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L										
Acenaphthylene	ug/L										
Anthracene	ug/L										
Benzo(a)anthracene	ug/L										
Benzo(a)pyrene	ug/L										
Benzo(b)fluoranthene	ug/L										
Benzo(g,h,i)perylene	ug/L										
Benzo(k)fluoranthene	ug/L										
Chrysene	ug/L										
Dibenz(a,h)anthracene	ug/L										
Fluoranthene	ug/L										
Fluorene	ug/L										
Indeno(1,2,3-cd)pyrene	ug/L										
Naphthalene	ug/L										
Phenanthrene	ug/L										
Pyrene	ug/L										
Total PAHs (calculated)	ug/L										
Petroleum Hydrocarbons	Units										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		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	4/16/1998
Conventionals	Units										
Alkalinity	mg/L	325	336	350	355	364	383	384	397	402	406
Ammonia as Nitrogen	mg/L	0.07	0.14	0.05 U		0.21	0.05 U				
Bicarb. Alkalinity as CaCO3	mg/L									402	406
Chemical Oxygen Demand	mg/L	37	40	46	37	41	40	53	46	33	51
Chloride	mg/L	15	17	16	19	17	17	16	14.4	11.8	13.4
Coliforms in MPN/100 mL	MPN/100 mL	170	4	80	8	2	2 U	4	2 U	2	2 U
Conductivity	uMHOS/cm	571	510	603	660	633	7103	692	671	554	770
Specific Conductance	mS/cm										
Dissolved Bicarbonate	mg/L	325	336	350	355	364	383	384	397		
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Fluoride	mg/L										
Methane	ug/L										
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U	0.2 U
Nitrate as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH	6.24	6.28	6.23	6.22	6.22	6.21	6.11	5.99	6.21	6.84
Sulfate	mg/L	0.3	0.3	0.3	0.2	0.3	0.4	0.6	0.5	0.5	0.4
Tannin and Lignin	mg/L	0.6	0.5	0.6	0.6	1	0.8	1	0.8	0.9	0.8
Temperature	C										
Turbidity	NTU										
Total Dissolved Solids	mg/L	390	407	420	422	442	470	404	481	470	442
Total Suspended Solids	mg/L										
Total Organic Carbon	mg/L	11.4	12.1	12.1	12.8	13.8	13.5	15.1	15.6	15.3	15.4
Metals											
Copper	mg/L										
Iron	mg/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		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	4/16/1998
Dissolved metals	Units										
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.044	0.048	0.052	0.046	0.047	0.049	0.052	0.05	0.05	0.053
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	55.3	59.6	66.6	63.3	61.1	64.9	66.2	70.1	68.3	70.5
Chromium	mg/L										
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	1.38	1.57	1.55	1.35	1.59	1.31	1.55	1.5	1.52	0.851
Lead	mg/L										
Magnesium	mg/L	42.2	45.8	50.1	47.6	48.7	50.8	51.9	54.4	52.2	53.7
Manganese	mg/L	0.857	0.993	1.14	1.14	1.22	1.32	1.46	1.56	1.7	1.64
Mercury	mg/L										
Nickel	mg/L	0.024	0.026	0.02 U	0.027	0.031	0.031	0.031	0.033	0.039	0.044
Potassium	mg/L	3.3	3.1	5.36	2.55	4.4	4.89	4.6	3.9	3.46	3.15
Selenium	mg/L										
Silver	mg/L										
Sodium	mg/L	12.8	13.1	13.1	12.7	12.4	12.3	12	12.2	11.6	12.1
Zinc	mg/L	0.012	0.019	0.011	0.01 U	0.01 U	0.015	0.01 U	0.012	0.01 U	0.01 U
Phenols	Units										
Phenol	ug/L									0.2 U	0.2 U
2-Chlorophenol	ug/L									0.2 U	0.2 U
2,4-Dichlorophenol	ug/L									0.2 U	0.2 U
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/L									0.2 U	0.2 U
Pentachlorophenol	ug/L	0.6								0.5 U	0.5 U
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L									0.2 U	0.2 U
2,4-Dinitrophenol	ug/L									0.5 U	0.5 U
2-Nitrophenol	ug/L									0.2 U	0.2 U
4-Nitrophenol	ug/L									0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L									0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L									0.2 U	0.2 U
Total Tetrachlorophenols	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		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	4/16/1998
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L									1 U	1 U
Acenaphthylene	ug/L									1 U	1 U
Anthracene	ug/L									0.1 U	0.1 U
Benzo(a)anthracene	ug/L									0.1 U	0.1 U
Benzo(a)pyrene	ug/L									0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L									0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L									0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L									0.1 U	0.1 U
Chrysene	ug/L									0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L									0.1 U	0.1 U
Fluoranthene	ug/L									0.2 U	0.2 U
Fluorene	ug/L									0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L									0.1 U	0.1 U
Naphthalene	ug/L									1 U	1 U
Phenanthrene	ug/L									0.1 U	0.1 U
Pyrene	ug/L									0.2 U	0.2 U
Total PAHs (calculated)	ug/L									1 U	1 U
Petroleum Hydrocarbons	Units										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000
Conventionals	Units										
Alkalinity	mg/L	418	416	436	440	478	479	484	499		503
Ammonia as Nitrogen	mg/L			0.05 U	0.05 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L	418	416	436	440	478	479	484	499		503
Chemical Oxygen Demand	mg/L	52	57	44	44	50	53	54	44	49	41
Chloride	mg/L	10.7	11.2	8.8	26.4	9.9	7.4	7.7	7.4	8.8	8.1
Coliforms in MPN/100 mL	MPN/100 mL	2	2 U	8	2 U	900	50	8	2 U	6	11 J
Conductivity	uMHOS/cm	573	643	727	811	804	803	725	685	767	719
Specific Conductance	mS/cm										
Dissolved Bicarbonate	mg/L										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Fluoride	mg/L										
Methane	ug/L										
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U	0.2 U
Nitrate as Nitrogen	mg/L									0.2 U	
Nitrite as Nitrogen	mg/L									0.2 U	
pH	PH	6.35	6.28	6.43	6.29	6.46	6.42	6.52	6.39	6.31	6.37
Sulfate	mg/L	0.3	0.3	0.4	0.4	0.2 U	0.2	0.3	0.3	0.2	0.3
Tannin and Lignin	mg/L	1	1	1.8	1.9	1.2	21.7	1.6	1.1	1.1	1
Temperature	C										
Turbidity	NTU										
Total Dissolved Solids	mg/L	496	464	489	545	524	520	506	598	532	501
Total Suspended Solids	mg/L						338				
Total Organic Carbon	mg/L	16.5	16.4	15.6	17.7	15.3	15.1	15	13.5	16.8	15.5
Metals											
Copper	mg/L										
Iron	mg/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000
Dissolved metals	Units										
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.048	0.05	0.053	0.051	0.046	0.056	0.049	0.056	0.051	0.056
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	71.6	73.2	79.4	79.6	77.2	77.7	72.7	90.5		87
Chromium	mg/L										
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	1.22	1.29	1.16	1.11	0.862	1.12	0.703	0.69	0.72	0.63
Lead	mg/L										
Magnesium	mg/L	55.7	56.8	61.4	60.9	60.8	63.2	55	70		69.8
Manganese	mg/L	1.61	1.63	1.71	1.61	1.38	1.44	1.25	1.45	1.5	1.39
Mercury	mg/L										
Nickel	mg/L	0.035	0.038	0.055	0.031	0.041	0.038	0.034	0.04	0.038	0.03
Potassium	mg/L	3.1	3.7	4	3.48	2.96	2.5	5	3		3
Selenium	mg/L										
Silver	mg/L										
Sodium	mg/L	11.5	11.7	12.3	12.1	10.8	11.4	9.24	10.9		10.4
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenols	Units										
Phenol	ug/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-Chlorophenol	ug/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-Dichlorophenol	ug/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		
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/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		
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/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-Dinitrophenol	ug/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-Nitrophenol	ug/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		
4-Nitrophenol	ug/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		
4,6-Dinitro-2-methylphenol	ug/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		
4-Chloro-3-methylphenol	ug/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		
Total Tetrachlorophenols	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Acenaphthylene	ug/L	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Anthracene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(a)anthracene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(a)pyrene	ug/L	1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(b)fluoranthene	ug/L	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Benzo(g,h,i)perylene	ug/L	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Benzo(k)fluoranthene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Chrysene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Dibenz(a,h)anthracene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Fluoranthene	ug/L	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Fluorene	ug/L	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Indeno(1,2,3-cd)pyrene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Naphthalene	ug/L	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Phenanthrene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Pyrene	ug/L	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Total PAHs (calculated)	ug/L	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Petroleum Hydrocarbons	Units										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	GW1010
Date		1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	7/11/2002	10/24/2002
Conventionals	Units									
Alkalinity	mg/L	492					466	472	484	
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.03 U
Bicarb. Alkalinity as CaCO3	mg/L			496			466		484	
Chemical Oxygen Demand	mg/L	40	47	46	37	37	41	36	29	33
Chloride	mg/L	8.7	7.6	6.7	6.7	6.7	6.1	6.3	6.7	5.6
Coliforms in MPN/100 mL	MPN/100 mL	4 J	17 J	500 J	2 UJ	2 UJ	2 UJ	2 UJ	8	
Conductivity	uMHOS/cm	878	884	890	861	861	842	863	794	785
Specific Conductance	mS/cm									0.93
Dissolved Bicarbonate	mg/L									
Dissolved Oxygen	mg/L									1.37
Eh	mV									166
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Fluoride	mg/L									
Methane	ug/L									
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U
Nitrate as Nitrogen	mg/L				0.3 UJ	0.3 UJ				
Nitrite as Nitrogen	mg/L				0.1 U	0.1 U				
pH	PH	6.48	6.36	6.44 J	6.27 J	6.27 J	6.34	6.32 J	6.51	6.57
Sulfate	mg/L	0.4	0.4 UJB	0.3	0.3	0.3	0.3	0.5	0.3	0.3
Tannin and Lignin	mg/L	1.7	0.9	1.4	2.8	2.8	1.3	1.5	1	1.1
Temperature	C									13.2
Turbidity	NTU									4.9
Total Dissolved Solids	mg/L		456	320	420	420	428	584	532	564
Total Suspended Solids	mg/L		493		5 U	5 U		75		18
Total Organic Carbon	mg/L	14.8	14.6	15.1	13.7	13.7	13.5	14.2	11.9	15
Metals										
Copper	mg/L									
Iron	mg/L									

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	GW1010
Date		1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	7/11/2002	10/24/2002
Dissolved metals	Units									
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.001 U
Barium	mg/L	0.051	0.05	0.053	0.05	0.05	0.0523	0.047	0.0528	0.0438
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0011 B
Calcium	mg/L		92.4		88.1	88.1		81.8		
Chromium	mg/L									
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.008 U
Iron	mg/L	0.62	0.78	0.736	0.803	0.803	0.806	0.64	0.67	0.628 J
Lead	mg/L									
Magnesium	mg/L		71.2		67.7	67.7		65.6		62.8
Manganese	mg/L	1.46	1.47	1.54	1.58	1.58	1.5	1.43	1.52	1.41
Mercury	mg/L									
Nickel	mg/L	0.04	0.03	0.041	0.039	0.039	0.039	0.04	0.0387	0.0329
Potassium	mg/L		4		3.78	3.78		4.07		3.67
Selenium	mg/L									
Silver	mg/L									
Sodium	mg/L		9.1		9.21	9.21		8.9		8.24
Zinc	mg/L	0.01 U	0.01	0.01 U	0.011	0.011	0.011	0.01 U	0.01 U	0.0065 B
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									0.2 U
3,5-Dichlorophenol	ug/L									0.2 U
2,4,5-Trichlorophenol	ug/L									0.5 U
2,4,6-Trichlorophenol	ug/L									0.03 UJ
Pentachlorophenol	ug/L		0.5 U		0.2 UJ	0.2 UJ		0.28		0.06 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2,4-Dinitrophenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L									0.4 U

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	GW1010
Date		1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002	4/11/2002	7/11/2002	10/24/2002
PAHs	Units									
2-Methylnaphthalene	ug/L									0.013 J
Acenaphthene	ug/L									0.002 U
Acenaphthylene	ug/L									0.0018 U
Anthracene	ug/L									0.0011 U
Benzo(a)anthracene	ug/L									0.0021 U
Benzo(a)pyrene	ug/L									0.0016 U
Benzo(b)fluoranthene	ug/L									0.002 U
Benzo(g,h,i)perylene	ug/L									0.0037 U
Benzo(k)fluoranthene	ug/L									0.0014 U
Chrysene	ug/L									0.0013 U
Dibenz(a,h)anthracene	ug/L									0.0017 U
Fluoranthene	ug/L									0.0024 U
Fluorene	ug/L									0.0026 U
Indeno(1,2,3-cd)pyrene	ug/L									0.0021 U
Naphthalene	ug/L									0.0062 J
Phenanthrene	ug/L									0.0032 U
Pyrene	ug/L									0.0023 U
Total PAHs (calculated)	ug/L									0.0062
Petroleum Hydrocarbons	Units									
Diesel Range Organics	ug/L									250 U
Residual Range Organics	ug/L									500 U

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		1/16/03	7/16/2003	2/12/2004	7/12/2004	1/13/2005	11/4/05	2/16/06	5/16/06	8/3/06
Conventionals	Units									
Alkalinity	mg/L						446	450		
Ammonia as Nitrogen	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Chemical Oxygen Demand	mg/L									
Chloride	mg/L	5.9					3.1	3.8		
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm	1.4	0.869	0.737	0.874	0.768				
Dissolved Bicarbonate	mg/L									
Dissolved Oxygen	mg/L	2.74	0.44	8.84	1.52	3.8	3.00	0.50	1.40	2.00
Eh	mV	217	-9	35	30	3	61	73	59	48
Ethane	ug/L						0.35 U	0.38 U		
Ethene	ug/L						0.55 U	0.55 U		
Ferrous Iron	mg/L						0.35	1.1		
Fluoride	mg/L									
Methane	ug/L						120	150		
Nitrate+Nitrite as Nitrogen	mg/L									
Nitrate as Nitrogen	mg/L						0.008 U	0.008 U		
Nitrite as Nitrogen	mg/L									
pH	PH	6.12	6.25	4.730	5.96	5.16	6.40	6.57	6.12	6.59
Sulfate	mg/L						0.12 U	0.06 U		
Tannin and Lignin	mg/L									
Temperature	C	13.3	13.37	12.79	13.51	12.9	12.30	12.50	13.90	12.90
Turbidity	NTU		34.3			-10	7.0	28	10	0
Total Dissolved Solids	mg/L									
Total Suspended Solids	mg/L	5 U	31	31	5 U	14				
Total Organic Carbon	mg/L									
Metals										
Copper	mg/L	0.0052 B								
Iron	mg/L	0.709								

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		1/16/03	7/16/2003	2/12/2004	7/12/2004	1/13/2005	11/4/05	2/16/06	5/16/06	8/3/06
Dissolved metals	Units									
Arsenic	mg/L									
Barium	mg/L									
Cadmium	mg/L									
Calcium	mg/L	84.9	79.1	82.7	86.8	81.4				
Chromium	mg/L									
Copper	mg/L									
Iron	mg/L	0.729	0.739	0.767	0.775	0.775				
Lead	mg/L									
Magnesium	mg/L	67.7		63.1	64.9	61				
Manganese	mg/L		1.5							
Mercury	mg/L									
Nickel	mg/L									
Potassium	mg/L	3.01	3.75	3.84	4.56	3.11				
Selenium	mg/L									
Silver	mg/L									
Sodium	mg/L	8.2	7.2	7.65	7.27	7.07				
Zinc	mg/L									
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L	0.2 U		2 U	2 U	0.3 U				
3,5-Dichlorophenol	ug/L	0.2 U		2 U	2 U	0.65 U				
2,4,5-Trichlorophenol	ug/L	0.5 UJ		0.33 U	0.5 U	0.27 U				
2,4,6-Trichlorophenol	ug/L	0.03 U		0.17 U	0.16 U	0.096 U				
Pentachlorophenol	ug/L	0.38 J	0.5 U	0.12 U	0.095 U	0.29 U	0.29 U	0.29 U	0.13 U	0.13 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2,4-Dinitrophenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L	0.4 U		0.27 U	0.26 U	0.66 U				

Table 4.2 BXS-2; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Date		1/16/03	7/16/2003	2/12/2004	7/12/2004	1/13/2005	11/4/05	2/16/06	5/16/06	8/3/06
PAHs	Units									
2-Methylnaphthalene	ug/L	0.02					0.02 U	0.02 U	0.015 J	0.011 J
Acenaphthene	ug/L	0.002 U					0.002 U	0.002 U	0.002 U	0.0031 U
Acenaphthylene	ug/L	0.0018 U					0.0018 U	0.0018 U	0.0081 J	0.0023 U
Anthracene	ug/L	0.0011 U					0.0011 U	0.0011 U	0.0011 U	0.0039 U
Benzo(a)anthracene	ug/L	0.0036 J					0.0021 U	0.0021 U	0.0021 U	0.0039 U
Benzo(a)pyrene	ug/L	0.0021 J					0.0016 U	0.0016 U	0.0016 U	0.0043 U
Benzo(b)fluoranthene	ug/L	0.0029 J					0.002 U	0.002 U	0.002 U	0.0046 U
Benzo(g,h,i)perylene	ug/L	0.0048 J					0.0037 U	0.0037 U	0.0037 U	0.0041 U
Benzo(k)fluoranthene	ug/L	0.0026 J					0.0014 U	0.0014 U	0.0014 U	0.0051 U
Chrysene	ug/L	0.02 U					0.0013 U	0.0013 U	0.0013 U	0.0053 U
Dibenz(a,h)anthracene	ug/L	0.0042 J					0.0017 U	0.0017 U	0.0017 U	0.0036 U
Dibenzofuran	ug/L						0.0071 U			
Fluoranthene	ug/L	0.02 U					0.0024 U	0.0024 U	0.0024 U	0.0047 U
Fluorene	ug/L	0.0097 J					0.0026 U	0.0026 U	0.0026 U	0.0036 U
Indeno(1,2,3-cd)pyrene	ug/L	0.0041 J					0.0021 U	0.0021 U	0.0021 U	0.0033 U
Naphthalene	ug/L	0.02 U					0.02 U	0.02 U	0.02 U	0.0083 J
Phenanthrene	ug/L	0.02 U					0.0032 U	0.0032 U	0.0032 U	0.0032 U
Pyrene	ug/L	0.02 U					0.0023 U	0.0023 U	0.0023 U	0.0047 U
Total PAHs (calculated)	ug/L	0.034					0.02 U	0.02 U	0.0081	0.0083
Petroleum Hydrocarbons	Units									
Diesel Range Organics	ug/L	45 U								
Residual Range Organics	ug/L	30 U								

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs and TPH (1988 - 2005)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		8/13/1988	12/27/1988	3/28/1989	########	########	########	8/1/1990	8/29/1990	8/1/1991	10/1/1991	3/1/1992	3/24/1992
Conventionals	Units												
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U	0.24	0.05 U	0.05 U						0.16
Bicarb. Alkalinity as CaCO3	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L	76	56	114	94	75	106						93
Chloride	mg/L	28	20	18	18	9	10						7.7
Coliforms in MPN/100 mL	MPN/100 mL	2400 U	8	9	2 U	2 U	2						280
Conductivity	uMHOS/cm	570	526	552	526	468	440						480
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Fluoride	mg/L												0.2 U
Nitrate+Nitrite as Nitrogen	mg/L												0.2 U
Nitrate as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
pH	PH	6.1	6.2	6	6.3	6.27	6.2						6.28
Sulfate	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2						0.2 U
Tannin and Lignin	mg/L	1.8	1.4	2.4	2.5	0.2	2.8						3.5
Temperature	C												
Total Organic Carbon	mg/L	23		38	20	6.3	26.5						20
Total Dissolved Solids	mg/L												346
Total Suspended Solids	mg/L												
Turbidity	NTU												
Metals													
Copper	mg/L												
Iron	mg/L												

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		8/13/1988	12/27/1988	3/28/1989	#######	#######	#######	8/1/1990	8/29/1990	8/1/1991	10/1/1991	3/1/1992	3/24/1992
Dissolved metals	Units												
Arsenic	mg/L												0.005 U
Barium	mg/L												0.038
Cadmium	mg/L												0.005
Calcium	mg/L												
Chromium	mg/L												0.005 U
Copper	mg/L												0.01 U
Iron	mg/L	0.02 U	0.037	0.045	0.07	0.02 U	0.25						6.04
Lead	mg/L												0.002 U
Magnesium	mg/L												
Manganese	mg/L	0.95	1.3	1.48	0.98	0.804	1.18						2.56
Mercury	mg/L												0.0005 U
Nickel	mg/L												0.02 U
Potassium	mg/L												
Selenium	mg/L												0.005 U
Silver	mg/L												0.01 U
Sodium	mg/L												
Zinc	mg/L	0.02	0.011	0.01 U	0.01 U	0.01	0.01 U						0.01 U
Phenols													
Phenol	ug/L								10 U				
2-Chlorophenol	ug/L								10 U				
2,4-Dichlorophenol	ug/L								10 U				
3,4-Dichlorophenol	ug/L												
3,5-Dichlorophenol	ug/L												
2,4,5-Trichlorophenol	ug/L								50 U				
2,4,6-Trichlorophenol	ug/L								10 U				
Pentachlorophenol	ug/L							10 U	50 U	0.2 U	0.5	0.8	
2-Methylphenol	ug/L								10 U				
4-Methylphenol	ug/L								10 U				
2,4-Dimethylphenol	ug/L								10 U				
2-Nitrophenol	ug/L								10 U				
4-Nitrophenol	ug/L								50 U				
2,4-Dinitrophenol	ug/L								50 U				
4,6-Dinitro-2-methylphenol	ug/L								50 U				
4-Chloro-3-methylphenol	ug/L								10 U				
Total Phenols	ug/L												
Total Tetrachlorophenols	ug/L												

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		8/13/1988	12/27/1988	3/28/1989	#######	#######	#######	8/1/1990	8/29/1990	8/1/1991	10/1/1991	3/1/1992	3/24/1992
PAHs	Units												
2-Methylnaphthalene	ug/L								10 U				
Acenaphthene	ug/L								10 U				
Acenaphthylene	ug/L								10 U				
Anthracene	ug/L								10 U				
Benzo(a)anthracene	ug/L								10 U				
Benzo(a)pyrene	ug/L								10 U				
Benzo(b)fluoranthene	ug/L								10 U				
Benzo(g,h,i)perylene	ug/L								10 U				
Benzo(k)fluoranthene	ug/L								10 U				
Chrysene	ug/L								10 U				
Dibenz(a,h)anthracene	ug/L								10 U				
Fluoranthene	ug/L								10 U				
Fluorene	ug/L								10 U				
Indeno(1,2,3-cd)pyrene	ug/L								10 U				
Naphthalene	ug/L								10 U				
Phenanthrene	ug/L								10 U				
Pyrene	ug/L								10 U				
Total PAHs (calculated)	ug/L								10 U				
Petroleum Hydrocarbons													
Diesel Range Organics	ug/L												
Residual Range Organics	ug/L												

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/16/1994	10/12/1994
Conventionals	Units											
Alkalinity	mg/L										368	
Ammonia as Nitrogen	mg/L	0.07	0.09	0.05 U	0.05 U	0.05 U	0.006	0.06	0.05 U	0.05 U		0.05 U
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L										368	
Chemical Oxygen Demand	mg/L	87	144	101	96	65	160	101	79	93		64
Chloride	mg/L		7.2	8.2	24	9.5	9.1	8.8	8.1	8.1	5.5	7.2
Coliforms in MPN/100 mL	MPN/100 mL	7	130	2 U	2 U	17	29	2 U	2 U	50		900
Conductivity	uMHOS/cm	504	560	586	567	482	621	434	678	531		547
Specific Conductance	mS/cm											
Dissolved Oxygen	mg/L											
Eh	mV											
Fluoride	mg/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	0.2 U		0.2 U
Nitrate+Nitrite as Nitrogen	mg/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U				0.2 U
Nitrate as Nitrogen	mg/L								0.2 U	0.2 U		
Nitrite as Nitrogen	mg/L								0.2 U	0.2 U		
pH	PH	6.4	6.36	6.6	6.45	6.36	6.44	6.46	6.41	6.21		6.41
Sulfate	mg/L		0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.3	0.5	0.7
Tannin and Lignin	mg/L		1.5	1.1	1.3	1.6	1.2	0.9	1.1	0.9		0.9
Temperature	C											
Total Organic Carbon	mg/L	16	21.9	16.8	23.8	20.5	21.6	15.6	18.9	28	24.6	18.7
Total Dissolved Solids	mg/L	373	324	360	344	369	396	436	399	382		440
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/16/1994	10/12/1994
Dissolved metals	Units											
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Barium	mg/L	0.035	0.031	0.038	0.033	0.036	0.041	0.043	0.047	0.052		0.046
Cadmium	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U		0.003 U
Calcium	mg/L										70	
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Copper	mg/L	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.015	0.01 U	0.01 U	0.01 U		0.01 U
Iron	mg/L	0.877	0.02	0.039	0.145	0.193	0.652	0.751	2.26	0.626	0.412	1.36
Lead	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.003	0.002 U	0.002 U	0.002 U	0.002 U		0.002 U
Magnesium	mg/L		60.5								41.2	
Manganese	mg/L	1.76		0.661	1.06	1.08	0.671	1.06	0.894	0.981	0.671	1.11
Mercury	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U		0.0005 U
Nickel	mg/L			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03		0.02 U
Potassium	mg/L		3.07								2.7	
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Silver	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Sodium	mg/L		4.74								5.98	
Zinc	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Phenols	Units											
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L											
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/16/1994	10/12/1994
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/18/1996	7/18/1996	9/25/1996	1/14/1997
Conventionals	Units											
Alkalinity	mg/L	414		340	390	408	430	468	460	490	511	467
Ammonia as Nitrogen	mg/L		0.05 U		0.11	0.13	0.24	0.08	0.58	0.34		0.5
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L	414		340	390	408	430	468	460	490	511	467
Chemical Oxygen Demand	mg/L		96		91	83	88	97	102	97	91	102
Chloride	mg/L	7.9	6.1	6.4	8.4	8.8	9.2	12	9.9	8.5	9.7	8.2
Coliforms in MPN/100 mL	MPN/100 mL		50		2 U	2 U	8	2 U	2 U	140	2 U	2
Conductivity	uMHOS/cm		652		3070	882	719	179	688	811	907	740
Specific Conductance	mS/cm											
Dissolved Oxygen	mg/L											
Eh	mV											
Fluoride	mg/L		0.2 U									
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
pH	PH		6.31		6.78	6.32	6.31	6.31	6.46	6.32	6.47	6.31
Sulfate	mg/L	0.4	0.4	1.6	1.4	1.8	3.2	0.9	0.7	1	1.2	1.2
Tannin and Lignin	mg/L		1		3.2	3	2.5	3.5	4.7	5.6	4.2	7.9
Temperature	C											
Total Organic Carbon	mg/L	27.7	22	21.3	28.8	28.2	31.1	34.1	37.2	34.8	44	38
Total Dissolved Solids	mg/L		449		458	489	450	572	586	595	624	610
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/18/1996	7/18/1996	9/25/1996	1/14/1997
Dissolved metals	Units											
Arsenic	mg/L		0.005 U		0.006	0.006	0.005 U	0.005 U	0.008	0.009	0.008	0.009
Barium	mg/L		0.057		0.064	0.057	0.055	0.054	0.073	0.078	0.074	0.069
Cadmium	mg/L		0.003 U		0.003 U	0.003 U	0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	80.8		70.2	61	81.1	84.2	95.8	93.3	101	102	88.6
Chromium	mg/L		0.005 U									
Copper	mg/L		0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	1.93	3.54	3.56	6.94	3.13	0.293	3.28	13	7.08	4.87	13
Lead	mg/L		0.002 U									
Magnesium	mg/L	50.3		43.2	49.1	50.1	51.2	58.2	55.7	58.9	60.5	53.6
Manganese	mg/L	1.28	1.46	2.45	4.17	3.39	1.55	5.99	9.68	10.4	10.8	12.2
Mercury	mg/L		0.0005 U									
Nickel	mg/L		0.02 U		0.026	0.033	0.026	0.035	0.03	0.022	0.038	0.02 U
Potassium	mg/L	4.2		3.4	5.3	3.5	3.8	3.77	5.9	6.49	3.07	7.7
Selenium	mg/L		0.005 U									
Silver	mg/L		0.01 U									
Sodium	mg/L	8.16		5.27	5.08	5.28	5.66	4.88	4.73	4.56	4.74	4.62
Zinc	mg/L		0.062		0.01 U	0.01 U	0.013	0.01 U	0.016	0.012	0.01 U	0.011
Phenols												
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L						1					
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Phenols	ug/L			0.2				2 U				
Total Tetrachlorophenols	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		11/30/1994	1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/18/1996	7/18/1996	9/25/1996	1/14/1997
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons												
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/9/1997	8/6/1997	10/6/1997	1/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999
Conventionals	Units											
Alkalinity	mg/L	508	519	513	490	474	470	459	457	444	470	456
Ammonia as Nitrogen	mg/L	0.63							0.32	0.21	0.09	0.15
Bicarb. Alkalinity as CaCO3	mg/L				490	474	470	459	457	444	470	456
Dissolved Bicarbonate	mg/L	508	519	513								
Chemical Oxygen Demand	mg/L	87	89	89	81	94	99	102	97	77	93	93
Chloride	mg/L	19	6.1	6.2	5.4	6.5	6.2	6.6	5.8	6.4	5.7	4.2
Coliforms in MPN/100 mL	MPN/100 mL	2 U	4	900	4	2	7	13	2	2 U	2	22
Conductivity	uMHOS/cm	853	814	753	638	882	607	730	733	818	783	794
Specific Conductance	mS/cm											
Dissolved Oxygen	mg/L											
Eh	mV											
Fluoride	mg/L											
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U	0.2 U	0.2 U
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
pH	PH	6.38	6.29	6.13	6.37	6.47	6.48	6.43	6.51	6.36	6.44	6.47
Sulfate	mg/L	1.2	1	1.2	0.8	0.4	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2
Tannin and Lignin	mg/L	5.6	5.7	6.1	6.2	11.4	6.7	6.9	7.3	8.1	7.5	10.6
Temperature	C											
Total Organic Carbon	mg/L	34	34	35.7	34.3	33.3	33.3	31.8	29.9	31.7	31	31.3
Total Dissolved Solids	mg/L	611	623	597	622	602	597	528	522	491	573	539
Total Suspended Solids	mg/L											296
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/9/1997	8/6/1997	10/6/1997	1/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999
Dissolved metals	Units											
Arsenic	mg/L	0.014	0.013	0.015	0.017	0.023	0.018	0.016	0.023	0.033	0.024	0.026
Barium	mg/L	0.061	0.057	0.06	0.054	0.053	0.052	0.075	0.081	0.055	0.05	0.064
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	97	95.6	100	95.6	96.4	100	94.2	96.1	97.2	92.8	89.4
Chromium	mg/L											
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U
Iron	mg/L	18	17.4	17	18.8	23	16.3	12.2	31.2	35	23.2	26.2
Lead	mg/L											
Magnesium	mg/L	56.8	55.9	57.7	53.7	52.2	55.5	51.2	51.2	47.6	47.5	45.5
Manganese	mg/L	13	13	13.3	12.7	14	14.2	13.2	13.9	15.8	14.6	15.2
Mercury	mg/L											
Nickel	mg/L	0.021	0.021	0.029	0.02 U	0.031	0.032	0.025	0.028	0.029	0.02 U	0.027
Potassium	mg/L	7.56	6.1	5.2	4.71	4.78	4.5	5.4	7.1	4.26	4.18	2.9
Selenium	mg/L											
Silver	mg/L											
Sodium	mg/L	4.65	4.69	4.82	4.66	5	5.07	4.69	5.12	5.39	4.99	5.14
Zinc	mg/L	0.01 U	0.01 U	0.023	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011	0.01 U
Phenols	Units											
Phenol	ug/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-Chlorophenol	ug/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-Dichlorophenol	ug/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
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/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
Pentachlorophenol	ug/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-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/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-Nitrophenol	ug/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
4-Nitrophenol	ug/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-Dinitrophenol	ug/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
4,6-Dinitro-2-methylphenol	ug/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
4-Chloro-3-methylphenol	ug/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
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/9/1997	8/6/1997	10/6/1997	1/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/5/1999
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	ug/L				2 U	1 U	1 U	1 U	1	1 U	1 U	1 U
Anthracene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/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
Benzo(g,h,i)perylene	ug/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
Benzo(k)fluoranthene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/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
Fluorene	ug/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
Indeno(1,2,3-cd)pyrene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	ug/L				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/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
Total PAHs (calculated)	ug/L				2 U	1 U	1 U	1 U	1	1 U	1 U	1 U
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002
Conventionals	Units										
Alkalinity	mg/L	400	425		438	487					450
Ammonia as Nitrogen	mg/L	0.45	0.3	0.31	0.16	0.12	0.14	0.11	0.05 U	0.05 U	0.07
Bicarb. Alkalinity as CaCO3	mg/L	400	425		438			498			450
Dissolved Bicarbonate	mg/L										
Chemical Oxygen Demand	mg/L	105	91	49	77	68	79	71	60	60	54
Chloride	mg/L		3.9	5.5	5	5.5	4.8	4.4	4.1	4.1	3.2
Coliforms in MPN/100 mL	MPN/100 mL	2 U	2 U	110	80 J	14 J	2 UJ	2 UJ	900 J	900 J	2 UJ
Conductivity	uMHOS/cm	598	568	589	614	872	901	885	887	887	806
Specific Conductance	mS/cm										
Dissolved Oxygen	mg/L										
Eh	mV										
Fluoride	mg/L										
Nitrate+Nitrite as Nitrogen	mg/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
Nitrate as Nitrogen	mg/L			0.2 U					0.3 UJ	0.3 UJ	
Nitrite as Nitrogen	mg/L			0.2 U					0.2	0.2	
pH	PH	6.47	6.47	6.34	6.47	6.83	6.9	6.64 J	6.36 J	6.36 J	6.45
Sulfate	mg/L	0.3	0.3	0.2	0.2 U	0.2	0.4 UJB	0.2	0.2	0.2	0.7
Tannin and Lignin	mg/L	22.7	9.1	7.1	8.2	12.2	3.2	6.4	21.6	21.6	9.9
Temperature	C										
Total Organic Carbon	mg/L	33.3	28.8	29.2	0.5 U	27.1	26.1	25.9	21.6	21.6	19.1
Total Dissolved Solids	mg/L	466	561	517	503		556	420	408	408	496
Total Suspended Solids	mg/L						99		16	16	
Turbidity	NTU										
Metals											
Copper	mg/L										
Iron	mg/L										

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002
Dissolved metals	Units										
Arsenic	mg/L	0.052	0.046	0.049	0.005 U	0.008	0.016	0.009	0.005	0.005	0.006
Barium	mg/L	0.061	0.083	0.105	0.103	0.06	0.067	0.064	0.049	0.049	0.0712
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.005 U
Calcium	mg/L	78	0.092		95.5		112		103	103	
Chromium	mg/L										
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	53.7	56.6	52.6	34.2	7.56	5.53	8.53	4.62	4.62	5.76
Lead	mg/L										
Magnesium	mg/L	32.4	39.7		44.4		54.5		56.9	56.9	
Manganese	mg/L	13.5	15.9	13.9	15.8	14.5	16.2	17.1	13.6	13.6	15.6
Mercury	mg/L										
Nickel	mg/L	0.022	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.038	0.02 U	0.02 U	0.033
Potassium	mg/L	8.5	9		11		5		3.39	3.39	
Selenium	mg/L										
Silver	mg/L										
Sodium	mg/L	4.23	5		5.1		5		5.74	5.74	
Zinc	mg/L	0.01 U	0.01 U	0.015	0.01 U	0.01 U	0.02	0.01 U	0.01 U	0.01 U	0.01 U
Phenols	Units										
Phenol	ug/L	0.2 U	0.2 U								
2-Chlorophenol	ug/L	0.2 U	0.2 U								
2,4-Dichlorophenol	ug/L	0.2 U	0.2 U								
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/L	0.2 U	0.2 U								
Pentachlorophenol	ug/L	0.5 U	0.5 U		0.5 U		0.5 U		0.2 UJ	0.2 UJ	
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L	0.2 U	0.2 U								
2-Nitrophenol	ug/L	0.2 U	0.2 U								
4-Nitrophenol	ug/L	0.5 U	0.5 U								
2,4-Dinitrophenol	ug/L	0.5 U	0.5 U								
4,6-Dinitro-2-methylphenol	ug/L	0.5 U	0.5 U								
4-Chloro-3-methylphenol	ug/L	0.2 U	0.2 U								
Total Phenols	ug/L										
Total Tetrachlorophenols	ug/L										

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/17/2001	4/4/2001	7/10/2001	10/2/2001	10/9/2001	1/14/2002
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L	1 U	1 U								
Acenaphthylene	ug/L	1 U	1 U								
Anthracene	ug/L	0.1 U	0.1 U								
Benzo(a)anthracene	ug/L	0.1 U	0.1 U								
Benzo(a)pyrene	ug/L	0.1 U	0.1 U								
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U								
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U								
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U								
Chrysene	ug/L	0.1 U	0.1 U								
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U								
Fluoranthene	ug/L	0.2 U	0.2 U								
Fluorene	ug/L	0.2 U	0.2 U								
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U								
Naphthalene	ug/L	1 U	1 U								
Phenanthrene	ug/L	0.1 U	0.1 U								
Pyrene	ug/L	0.2 U	0.2 U								
Total PAHs (calculated)	ug/L	1 U	1 U								
Petroleum Hydrocarbons	Units										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	GW1005	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/11/2002	7/11/2002	10/23/2002	1/16/03	7/17/2003	2/12/2004	7/12/2004	1/13/2005
Conventionals	Units								
Alkalinity	mg/L	438	425						
Ammonia as Nitrogen	mg/L	0.19	0.3	0.2					
Bicarb. Alkalinity as CaCO3	mg/L		425						
Dissolved Bicarbonate	mg/L								
Chemical Oxygen Demand	mg/L	59	57	49					
Chloride	mg/L	2.9	4	3 J	3.5				
Coliforms in MPN/100 mL	MPN/100 mL		1600 E	2 UJ					
Conductivity	uMHOS/cm	804	710	817					
Specific Conductance	mS/cm			0.93	1.43	0.945	0.699	0.926	0.571
Dissolved Oxygen	mg/L			1.72	2.04	2.28	4.81	0.46	4.66
Eh	mV			57	183	-57	-6	6	3
Fluoride	mg/L								
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U	0.2 U						
Nitrate as Nitrogen	mg/L			0.003					
Nitrite as Nitrogen	mg/L			0.004					
pH	PH	6.6 J	6.4	6.51	6.14	6.33	5.310	6.02	5.03
Sulfate	mg/L	0.3	0.3	0.4					
Tannin and Lignin	mg/L	10.9	8	8.1					
Temperature	C			13.2	13.4	13.58	13.13	13.76	13.52
Total Organic Carbon	mg/L	23	21.8	23.1					
Total Dissolved Solids	mg/L	520	592	518					
Total Suspended Solids	mg/L	65		11	12	10			25
Turbidity	NTU			4.5		40.3	12	13	-10
Metals									
Copper	mg/L				0.004 U				
Iron	mg/L				4.74				

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	GW1005	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/11/2002	7/11/2002	10/23/2002	1/16/03	7/17/2003	2/12/2004	7/12/2004	1/13/2005
Dissolved metals	Units								
Arsenic	mg/L	0.014	0.0219	0.008					
Barium	mg/L	0.099	0.129	0.0649					
Cadmium	mg/L	0.005 U	0.005 U	0.001 B					
Calcium	mg/L	92.8			99.1	111	90.9	110	52.6
Chromium	mg/L								
Copper	mg/L	0.01 U	0.01 U	0.008 U					
Iron	mg/L	19.6	21.9	5.34 J	3.23	4.16	2.97	4.29	6.52
Lead	mg/L								
Magnesium	mg/L	46.7		52.3	55.9	53.7	44.1	52.3	26.8
Manganese	mg/L	15.6	17.9	16					
Mercury	mg/L								
Nickel	mg/L	0.02	0.0363	0.0198 B					
Potassium	mg/L	12.3		5.91 J	3.64	4.35	7.72	3.99	19.7
Selenium	mg/L								
Silver	mg/L								
Sodium	mg/L	5.1		5.47	5.57	5.32	5.06	5.29	3.67
Zinc	mg/L	0.01 U	0.0102	0.0088 B					
Phenols	Units								
Phenol	ug/L								
2-Chlorophenol	ug/L								
2,4-Dichlorophenol	ug/L								
3,4-Dichlorophenol	ug/L				0.2 U	0.2 U	2 U	2 U	0.3 U
3,5-Dichlorophenol	ug/L				0.2 U	0.2 U	2 U	2 U	0.65 U
2,4,5-Trichlorophenol	ug/L				0.5 UJ	2.4 Ui	0.33 U	0.5 U	0.27 U
2,4,6-Trichlorophenol	ug/L				0.03 U	0.5 U	0.17 U	0.16 U	0.096 U
Pentachlorophenol	ug/L	0.2 U			0.3 J	0.06 U	0.12 U	0.095 U	0.29 U
2-Methylphenol	ug/L								
4-Methylphenol	ug/L								
2,4-Dimethylphenol	ug/L								
2-Nitrophenol	ug/L								
4-Nitrophenol	ug/L								
2,4-Dinitrophenol	ug/L								
4,6-Dinitro-2-methylphenol	ug/L								
4-Chloro-3-methylphenol	ug/L								
Total Phenols	ug/L								
Total Tetrachlorophenols	ug/L				0.4 U	0.4 U	0.27 U	0.26 U	0.66 U

Table 4.3 BXS-3; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-3	BXS-3	GW1005	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3
Date		4/11/2002	7/11/2002	10/23/2002	1/16/03	7/17/2003	2/12/2004	7/12/2004	1/13/2005
PAHs	Units								
2-Methylnaphthalene	ug/L			0.0057 J	0.017 J				
Acenaphthene	ug/L			0.0025 J	0.0034 J				
Acenaphthylene	ug/L			0.0018 U	0.0018 U				
Anthracene	ug/L			0.0011 U	0.0037 J				
Benzo(a)anthracene	ug/L			0.0021 U	0.0041 J				
Benzo(a)pyrene	ug/L			0.0016 U	0.0016 U				
Benzo(b)fluoranthene	ug/L			0.002 U	0.002 U				
Benzo(g,h,i)perylene	ug/L			0.0037 U	0.0037 U				
Benzo(k)fluoranthene	ug/L			0.0014 U	0.0016 J				
Chrysene	ug/L			0.0013 U	0.02 U				
Dibenz(a,h)anthracene	ug/L			0.0017 U	0.0017 U				
Fluoranthene	ug/L			0.0024 U	0.02 U				
Fluorene	ug/L			0.0041 J	0.0093 J				
Indeno(1,2,3-cd)pyrene	ug/L			0.0021 U	0.0021 U				
Naphthalene	ug/L			0.0032 U	0.02 U				
Phenanthrene	ug/L			0.0032 U	0.02 U				
Pyrene	ug/L			0.0023 U	0.02 U				
Total PAHs (calculated)	ug/L			0.0066	0.0221				
Petroleum Hydrocarbons	Units								
Diesel Range Organics	ug/L			57 U	45 U				
Residual Range Organics	ug/L			38 U	30 U				

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1988 - 2006)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992	3/24/1992
Conventionals	Units											
Alkalinity	mg/L											
Ammonia as Nitrogen	mg/L	1.3	0.66	0.76	0.75	0.63	1					0.7
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L											
Chemical Oxygen Demand	mg/L	1857	11	416	365	158	1080					171
Chloride	mg/L	28	2.1	2.8	2.6	2	2.1					2.1
Coliforms in MPN/100 mL	MPN/100 mL	1600	90	110	2 U	4	2 U					2 U
Conductivity	uMHOS/cm	200	190	194	177	163	156					189
Specfic Conductance	mS/cm											
Dissolved Oxyger	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/L											0.2 U
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/L											0.2 U
Nitrate as Nitrogen	mg/L	0.04	0.2 U	0.2 U	0.2 U	0.3	0.2 U					
Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U					
pH	PH	7.5	7.9	7.5	7.4	7.49	6.58					8
Sulfate	mg/L	0.2 U	0.2 U	2.9	4	3.2	2.6					2.3
Tannin and Lignin	mg/L	10	2.9	0.96	11	0.3	1.4					0.3
Temperature	C											
Total Organic Carbon	mg/L	0.5 U		91	1.7	1.4	3.7					1.1
Total Dissolved Solids	mg/L											151
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals	Units											
Copper	mg/L											
Iron	mg/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992	3/24/1992
Dissolved metals	Units											
Arsenic	mg/L											0.006
Barium	mg/L											0.022
Cadmium	mg/L											0.003 U
Calcium	mg/L											
Chromium	mg/L											0.005 U
Copper	mg/L											0.01 U
Iron	mg/L	0.02	0.09	0.058	0.11	0.02 U	0.11					0.049
Lead	mg/L											0.002 U
Magnesium	mg/L											
Manganese	mg/L	0.13	0.13	0.158	0.12	0.073	0.114					0.109
Mercury	mg/L											0.0005 U
Nickel	mg/L											0.02 U
Potassium	mg/L											
Selenium	mg/L											0.005 U
Silver	mg/L											0.01 U
Sodium	mg/L											
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U					0.01 U
Phenols	Units											
Phenol	ug/L								10 U			
2-Chlorophenol	ug/L								10 U			
2,4-Dichlorophenol	ug/L								10 U			
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L								50 U			
2,4,6-Trichlorophenol	ug/L								10 U			
Pentachlorophenol	ug/L							10 U	50 U	1.3	0.5	
2-Methylphenol	ug/L								10 U			
4-Methylphenol	ug/L								10 U			
2,4-Dimethylphenol	ug/L								10 U			
2-Nitrophenol	ug/L								10 U			
4-Nitrophenol	ug/L								50 U			
2,4-Dinitrophenol	ug/L								50 U			
4,6-Dinitro-2-methylphenol	ug/L								50 U			
4-Chloro-3-methylphenol	ug/L								10 U			
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		8/13/1988	12/27/1988	3/28/1989	6/15/1989	9/13/1989	12/11/1989	8/1/1990	8/29/1990	8/1/1991	3/1/1992	3/24/1992
PAHs	Units											
2-Methylnaphthalene	ug/L								10 U			
Acenaphthene	ug/L								10 U			
Acenaphthylene	ug/L								10 U			
Anthracene	ug/L								10 U			
Benzo(a)anthracene	ug/L								10 U			
Benzo(a)pyrene	ug/L								10 U			
Benzo(b)fluoranthene	ug/L								10 U			
Benzo(g,h,i)perylene	ug/L								10 U			
Benzo(k)fluoranthene	ug/L								10 U			
Chrysene	ug/L								10 U			
Dibenz(a,h)anthracene	ug/L								10 U			
Fluoranthene	ug/L								10 U			
Fluorene	ug/L								10 U			
Indeno(1,2,3-cd)pyrene	ug/L								10 U			
Naphthalene	ug/L								10 U			
Phenanthrene	ug/L								10 U			
Pyrene	ug/L								10 U			
Total PAHs (calculated)	ug/L								10 U			
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/15/1994	10/12/1994
Conventionals	Units											
Alkalinity	mg/L										94	
Ammonia as Nitrogen	mg/L	0.62	0.54	0.83	0.51	0.52	0.48	0.36	0.5	0.35		0.29
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L										94	
Chemical Oxygen Demand	mg/L	273	58	420	40	20	35	27	17	27		21
Chloride	mg/L		2.1	2.3	2.5	2.2	2.2	2.2	2.4	2.1	2	1.8
Coliforms in MPN/100 mL	MPN/100 mL	2 U	2 U	4	2 U	2 U	2 U	2 U	4	2 U		2 U
Conductivity	uMHOS/cm	184	189	192	192	162	190	145	204	159		148
Specfic Conductance	mS/cm											
Dissolved Oxyger	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/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	0.2 U		0.2 U
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/L		0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U				0.2 U
Nitrate as Nitrogen	mg/L								0.2 U	0.2 U		
Nitrite as Nitrogen	mg/L								0.2 U	0.2 U		
pH	PH	7.86	7.71	7.88	7.95	7.54	7.89	7.94	7.99	7.98		7.77
Sulfate	mg/L		1.9	1.7	2.2	1.9	2	1.8	2.4	1.7	1.6	1.7
Tannin and Lignin	mg/L		0.2	0.5	0.2 U	0.3	0.3	0.3	0.4	0.2 U		0.3
Temperature	C											
Total Organic Carbon	mg/L	2	0.8	2.2	0.5 U	1.6	1.8	0.9	0.7	3.9	7.5	3.2
Total Dissolved Solids	mg/L	147	152	136	136	137	144	148	140	140		132
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/15/1994	10/12/1994
Dissolved metals	Units											
Arsenic	mg/L	0.005	0.006	0.006	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Barium	mg/L	0.018	0.061	0.026	0.025	0.026	0.023	0.025	0.024	0.028		0.023
Cadmium	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U		0.003 U
Calcium	mg/L										18.6	
Chromium	mg/L	0.005 U	0.018	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Copper	mg/L	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Iron	mg/L	0.06	4.87	0.039	0.051	0.061	0.039	0.038	0.043	0.052	0.054	0.051
Lead	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U		0.002 U
Magnesium	mg/L										7.77	
Manganese	mg/L	0.118		0.112	0.126	0.111	0.102	0.112	0.12	0.118	0.112	0.112
Mercury	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U		0.0005 U
Nickel	mg/L			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Potassium	mg/L										3.2	
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Silver	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Sodium	mg/L										6.38	
Zinc	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Phenols												
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L											
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		6/23/1992	9/25/1992	12/9/1992	3/16/1993	6/22/1993	9/7/1993	12/2/1993	3/22/1994	6/21/1994	8/15/1994	10/12/1994
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons												
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/17/1996	4/18/1996	7/17/1996	7/18/1996	9/25/1996
Conventionals	Units											
Alkalinity	mg/L		95	96	408	96	94	93		94		94
Ammonia as Nitrogen	mg/L	0.4		0.53	0.47	0.44	0.49		0.63		0.52	
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L		95	96	408	96	94	93		94		94
Chemical Oxygen Demand	mg/L	23		48	35	28	15		25		14	5 U
Chloride	mg/L	2	2.2	1.8	1.9	1.9	2	1.9	1.9	2.1	2.1	2
Coliforms in MPN/100 mL	MPN/100 mL	2 U		2 U	2 U	2	2		2 U		2 U	2 U
Conductivity	uMHOS/cm	166		174	227	177	17		154		165	157
Specfic Conductance	mS/cm											
Dissolved Oxyger	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/L	0.2										
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/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
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
pH	PH	7.86		7.92	7.7	7.68	7.49		7.83		7.52	7.55
Sulfate	mg/L	1.9	1.3	1.9	1.7	1.6	1.8	1.8	1.8	1.6	1.6	1.7
Tannin and Lignin	mg/L	0.2		0.2	0.7	0.9	0.4		0.2		0.2	0.4
Temperature	C											
Total Organic Carbon	mg/L	1.4	6.3	1.6	5.9	3.9	2.3	1.9	1.9	1	1	2.8
Total Dissolved Solids	mg/L	123		125	133	149	155		152		162	137
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/17/1996	4/18/1996	7/17/1996	7/18/1996	9/25/1996
Dissolved metals	Units											
Arsenic	mg/L	0.005 U		0.006	0.005 U	0.005 U	0.005 U		0.005 U		0.005	0.005
Barium	mg/L	0.026		0.029	0.024	0.028	0.025		0.026		0.027	0.025
Cadmium	mg/L	0.003 U		0.003 U	0.003 U	0.003 U	0.004 U		0.004 U		0.004 U	0.004 U
Calcium	mg/L		17.7	19	17.9	18.7	18.7	18.5		18.8		18.4
Chromium	mg/L	0.005 U										
Copper	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U		0.01 U		0.01 U	0.01 U
Iron	mg/L	0.032	0.032	0.057	0.047	0.038	0.058	0.04	0.04	0.042	0.042	0.054
Lead	mg/L	0.002 U										
Magnesium	mg/L		13.6	7.98	16	7.91	7.8	7.72		7.91		7.71
Manganese	mg/L	0.133	0.114	0.121	0.119	0.122	0.126	0.121	0.121	0.12	0.12	0.12
Mercury	mg/L	0.0005 U										
Nickel	mg/L	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U
Potassium	mg/L		3.4	3.9	3	3.4	2.71	2.1		3.95		
Selenium	mg/L	0.005 U										
Silver	mg/L	0.01 U										
Sodium	mg/L		6.55	6.81	6.42	6.97	6.89	7.22		7.01		6.91
Zinc	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U		0.025		0.01 U	0.01 U
Phenols												
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L											
Pentachlorophenol	ug/L											
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L											
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Phenols	ug/L							300				
Total Tetrachlorophenols	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/10/1995	2/16/1995	4/27/1995	8/1/1995	10/11/1995	1/11/1996	4/17/1996	4/18/1996	7/17/1996	7/18/1996	9/25/1996
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											
Petroleum Hydrocarbons												
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/13/1997	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/14/1998	4/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999
Conventionals	Units											
Alkalinity	mg/L	96		96	96	93	95		92	93	95	97
Ammonia as Nitrogen	mg/L		0.51	0.57	0.57							0.49
Bicarb. Alkalinity as CaCO3	mg/L						95		92	93	95	97
Dissolved Bicarbonate	mg/L	96		96	96	93			92			
Chemical Oxygen Demand	mg/L		27	13	14	17	32		5 U	54	17	7
Chloride	mg/L	2.1	2.1	2.1	2.1	1.8	2.1		2.2	2.1	2.1	2.1
Coliforms in MPN/100 mL	MPN/100 mL		2 U	2 U	2 U	2 U	2 U		2 U	2 U	4	2 U
Conductivity	uMHOS/cm		168	166	174	189	148		193	176	162	176
Specfic Conductance	mS/cm											
Dissolved Oxyger	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/L											
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U
Nitrate as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L											
pH	PH		7.87	7.89	7.81	7.8	8.04		8.21	7.85	8.2	8.02
Sulfate	mg/L	1.6	1.6	1.7	1.6	1.7	1.5		1.3	1.6	1	1.2
Tannin and Lignin	mg/L		0.3	0.5	0.3	0.4	30.4		0.2 U	0.9	0.9	0.7
Temperature	C											
Total Organic Carbon	mg/L	3.6	3.6	1.8	4	1.4	7.8		33.3	7.1	1.6	1.2
Total Dissolved Solids	mg/L		161	141	131	142	186		131	152	131	133
Total Suspended Solids	mg/L											
Turbidity	NTU											
Metals	Units											
Copper	mg/L											
Iron	mg/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/13/1997	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/14/1998	4/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999
Dissolved metals	Units											
Arsenic	mg/L		0.005 U	0.005 U	0.006	0.006	0.005		0.005	0.006	0.005 U	
Barium	mg/L		0.026	0.005 U	0.028	0.028	0.026		0.027	0.027	0.025	
Cadmium	mg/L		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	
Calcium	mg/L	18.2		19.4	18.6	18.5	19.3		18.8	18.6	18.5	
Chromium	mg/L											
Copper	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	
Iron	mg/L	0.046	0.046	0.02 U	0.065	0.082	0.041	0.063	0.063	0.047	0.045	
Lead	mg/L											
Magnesium	mg/L	7.74		8.23	7.83	7.95	8.04	7.78	7.78	7.78	7.78	
Manganese	mg/L	0.122	0.122	0.005 U	0.119	0.119	0.127	0.124	0.124	0.128	0.118	
Mercury	mg/L											
Nickel	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	
Potassium	mg/L	4.1		4.4	3.6	3.1	3.1	2.8	2.8	2.5	2.8	
Selenium	mg/L											
Silver	mg/L											
Sodium	mg/L	6.94		6.9	6.91	6.83	7.34	7.17	7.17	6.76	6.93	
Zinc	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.024		0.01 U	0.01 U	0.01 U	
Phenols	Units											
Phenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Pentachlorophenol	ug/L						0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L						0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L						0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L						0.5 U		0.5 U	0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		1/13/1997	1/14/1997	4/9/1997	8/6/1997	10/6/1997	1/14/1998	4/15/1998	4/16/1998	7/16/1998	10/6/1998	1/12/1999
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L						1 U		1 U	1 U	1 U	1 U
Acenaphthylene	ug/L						1 U		1 U	1 U	1 U	1 U
Anthracene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.2 U
Benzo(b)fluoranthene	ug/L						0.5		0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L						1 U		1 U	1 U	1 U	1 U
Phenanthrene	ug/L						0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/L						0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L						0.5		1 U	1 U	1 U	1 U
Petroleum Hydrocarbons	Units											
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/16/2001	4/4/2001	7/10/2001	10/2/2001
Conventionals	Units											
Alkalinity	mg/L	96	96	100	100	94		95				
Ammonia as Nitrogen	mg/L	0.55	0.49	0.51	0.54	0.51	0.54	0.46	0.63	0.48	0.53	0.37
Bicarb. Alkalinity as CaCO3	mg/L	96	96	100	100	94		95			96	
Dissolved Bicarbonate	mg/L											
Chemical Oxygen Demand	mg/L	6	58	88	10	16	5 U	29	7	14	38	10
Chloride	mg/L	2.1	2.2	2.3	2.2	2	2	2	2.2	2	2	2
Coliforms in MPN/100 mL	MPN/100 mL	2 U	2 U	2	4	2 U	2 U	4 J	2 UJ	2 UJ	2 UJ	2 J
Conductivity	uMHOS/cm	182	184	178	164	150	165	159	189	193	193	195
Specfic Conductance	mS/cm											
Dissolved Oxyger	mg/L											
Eh	mV											
Ethane	ug/L											
Ethene	ug/L											
Ferrous Iron	mg/L											
Fluoride	mg/L											
Methane	ug/L											
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1	0.2 U	0.2 U	0.2 U	0.2 U	
Nitrate as Nitrogen	mg/L						0.1					0.2 UJ
Nitrite as Nitrogen	mg/L						0.1 U					0.1 U
pH	PH	7.96	7.87	7.91	8.1	7.97	7.78	7.99	8.03	7.87	7.96 J	7.58 J
Sulfate	mg/L	1.7	1.2	1.6	1.2	1.6	1.7	1.6	1.2	1.6	1.6	1.2
Tannin and Lignin	mg/L	0.5	0.5	0.6	0.4	0.3	0.3	0.4	0.6	0.2	0.4	0.5
Temperature	C											
Total Organic Carbon	mg/L	4.3	2.7	7.5	11.7	0.7	1.1	1.3	1	1.2	9.3	0.9
Total Dissolved Solids	mg/L	160	151	168	144	180	156	94	131	134	134	140
Total Suspended Solids	mg/L			1440						31		115
Turbidity	NTU											
Metals												
Copper	mg/L											
Iron	mg/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/16/2001	4/4/2001	7/10/2001	10/2/2001
Dissolved metals	Units											
Arsenic	mg/L	0.006	0.005	0.006	0.006	0.005	0.006	0.005	0.005 U	0.005	0.005	0.005
Barium	mg/L	0.027	0.021	0.031	0.03	0.026	0.026	0.029	0.025	0.026	0.032	0.026
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.005 U
Calcium	mg/L	19.2	17.7	18.3	16.8	19.4		19.1		20.3		19
Chromium	mg/L											
Copper	mg/L	0.027	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.04	0.027	0.041	0.02 U	0.04	0.04	0.06	0.05	0.05	0.438	0.035
Lead	mg/L											
Magnesium	mg/L	8	7.38	7.75	6.96	8.04		8.18		8.49		8.01
Manganese	mg/L	0.125	0.109	0.122	0.106	0.123	0.12	0.129	0.123	0.116	0.123	0.114
Mercury	mg/L											
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L	2 U	2 U	2.05	4.4	3		2		3		2.61
Selenium	mg/L											
Silver	mg/L											
Sodium	mg/L	7.14	6.54	7.21	6.05	7.2		7.3		6.7		7.01
Zinc	mg/L	0.024	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenols												
Phenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
2-Chlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
2,4-Dichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
3,4-Dichlorophenol	ug/L											
3,5-Dichlorophenol	ug/L											
2,4,5-Trichlorophenol	ug/L											
2,4,6-Trichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U		0.62 J
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
2-Nitrophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
4-Nitrophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U						
2,4-Dinitrophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U						
4,6-Dinitro-2-methylphenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U						
4-Chloro-3-methylphenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Total Phenols	ug/L											
Total Tetrachlorophenols	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/20/2000	7/26/2000	10/5/2000	1/16/2001	4/4/2001	7/10/2001	10/2/2001
PAHs	Units											
2-Methylnaphthalene	ug/L											
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U						
Acenaphthylene	ug/L	1 U	1 U	1 U	1 U	1 U						
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.8	0.7	0.2 U						
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Chrysene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U						
Phenanthrene	ug/L	0.1 U	0.1	0.1 U	0.1 U	0.1 U						
Pyrene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Total PAHs (calculated)	ug/L	1 U	0.1	0.8	0.7	1 U						
Petroleum Hydrocarbons												
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L											

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	GW1001	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		10/9/01	1/14/02	4/11/02	7/11/02	10/22/02	1/15/03	7/10/03	2/10/04	7/12/04	1/12/05	11/4/05	2/15/06
Conventionals	Units												
Alkalinity	mg/L		96	92	96							96	98
Ammonia as Nitrogen	mg/L	0.37	0.47	0.38	0.49	0.03 U							
Bicarb. Alkalinity as CaCO3	mg/L		96		96								
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L	10	7	19	25	37							
Chloride	mg/L	2	2	2	2.2	1.9	2.1					1.8	1.6
Coliforms in MPN/100 mL	MPN/100 mL	2 J	2 U	2 UJ	2 UX	2 U							
Conductivity	uMHOS/cm	195	192	192	176								
Specfic Conductance	mS/cm					0.205	0.178	0.193	0.174	0.216	0.187		
Dissolved Oxyger	mg/L					7.97	3.92	0.82	11.24	0.41	7.1	0.40	1.70
Eh	mV					60	-3	-253	-110	-92.00	5	-216.00	-139
Ethane	ug/L											0.35 U	0.38 U
Ethene	ug/L											0.55 U	0.55 U
Ferrous Iron	mg/L											0.05	0.07
Fluoride	mg/L												
Methane	ug/L											270	220
Nitrate+Nitrite as Nitrogen	mg/L		0.2 U	0.2 U	0.2 U	0.9							
Nitrate as Nitrogen	mg/L	0.2 UJ				0.003 UJ						0.008 U	0.008 UJ
Nitrite as Nitrogen	mg/L	0.1 U				0.004 UJ							
pH	PH	7.58 J	8.03	8.02 J	8	6.95	7.77	7.9	7.140	7.38	6.11	8.10	8.29
Sulfate	mg/L	1.2	1.1	1.6	1.6	1.1						1	0.8
Tannin and Lignin	mg/L	0.5	0.5	0.5	0.4	0.3							
Temperature	C					9.8	9.8	10.91	9.58	10.27	9.88	9.60	9.5
Total Organic Carbon	mg/L	0.9	1	1	0.8								
Total Dissolved Solids	mg/L	140	136	167	174	112							
Total Suspended Solids	mg/L	115		180		7	5 U	5 U	5 U	5 U	5 U		
Turbidity	NTU											10.0	
Metals	Units												
Copper	mg/L						0.004 U						
Iron	mg/L						0.107						

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	GW1001	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		10/9/01	1/14/02	4/11/02	7/11/02	10/22/02	1/15/03	7/10/03	2/10/04	7/12/04	1/12/05	11/4/05	2/15/06
Dissolved metals	Units												
Arsenic	mg/L	0.005	0.005 U	0.005	0.01 U	0.0054							
Barium	mg/L	0.026	0.0271	0.026	0.0296	0.0266							
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0004 U							
Calcium	mg/L	19		19			18.5	19.3	19.1	19.8	18.9		
Chromium	mg/L												
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.008 U							
Iron	mg/L	0.035	0.05	0.04	0.0329	0.0418 J	0.0359	0.0418	0.0449	0.0429	0.0409		
Lead	mg/L												
Magnesium	mg/L	8.01		8.1		8.08	7.86	8.17	7.93	8.26	7.94		
Manganese	mg/L	0.114	0.127	0.112	0.123	0.105							
Mercury	mg/L												
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.0009 U							
Potassium	mg/L	2.61		2.64		2.79	2.43	2.66	2.9	2.38	2.77		
Selenium	mg/L												
Silver	mg/L												
Sodium	mg/L	7.01		7.1		7.05	6.92	7.22	7.12	7.27	7.09		
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.002 U							
Phenols	Units												
Phenol	ug/L												
2-Chlorophenol	ug/L												
2,4-Dichlorophenol	ug/L												
3,4-Dichlorophenol	ug/L					0.2 U	0.2 U	0.2 U	2 U	2 U	2 U		
3,5-Dichlorophenol	ug/L					0.2 U	0.2 U	0.2 U	2 U	2 U	2 U		
2,4,5-Trichlorophenol	ug/L					0.5 U	0.5 UJ	0.97 Ui	0.33 U	0.5 U	0.5 U		
2,4,6-Trichlorophenol	ug/L					0.03 UJ	0.03 U	0.03 U	0.17 U	0.16 U	0.16 U		
Pentachlorophenol	ug/L	0.62 J		0.23		0.06 U	0.06 U	0.06 U	0.12 U	0.095 U	0.095 U		
2-Methylphenol	ug/L												
4-Methylphenol	ug/L												
2,4-Dimethylphenol	ug/L												
2-Nitrophenol	ug/L												
4-Nitrophenol	ug/L												
2,4-Dinitrophenol	ug/L												
4,6-Dinitro-2-methylphenol	ug/L												
4-Chloro-3-methylphenol	ug/L												
Total Phenols	ug/L												
Total Tetrachlorophenols	ug/L					0.4 U	0.4 U	1 Ui	0.27 U	0.26 U	0.26 U		

Table 4.4 BXS-4; Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Sample ID		BXS-4	BXS-4	BXS-4	BXS-4	GW1001	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4
Date		10/9/01	1/14/02	4/11/02	7/11/02	10/22/02	1/15/03	7/10/03	2/10/04	7/12/04	1/12/05	11/4/05	2/15/06
PAHs	Units												
2-Methylnaphthalene	ug/L					0.0028 J	0.015 J						
Acenaphthene	ug/L					0.002 U	0.002 U						
Acenaphthylene	ug/L					0.0018 U	0.0018 U						
Anthracene	ug/L					0.0011 U	0.0011 U						
Benzo(a)anthracene	ug/L					0.01 J	0.0039 J						
Benzo(a)pyrene	ug/L					0.0065 J	0.0016 U						
Benzo(b)fluoranthene	ug/L					0.0078 J	0.002 U						
Benzo(g,h,i)perylene	ug/L					0.0073 J	0.0037 U						
Benzo(k)fluoranthene	ug/L					0.0078 J	0.0014 U						
Chrysene	ug/L					0.0091 J	0.02 U						
Dibenz(a,h)anthracene	ug/L					0.0065 J	0.0017 U						
Fluoranthene	ug/L					0.0057 J	0.02 U						
Fluorene	ug/L					0.0026 U	0.0029 J						
Indeno(1,2,3-cd)pyrene	ug/L					0.0069 J	0.0021 U						
Naphthalene	ug/L					0.0041 J	0.02 U						
Phenanthrene	ug/L					0.0032 U	0.02 U						
Pyrene	ug/L					0.0065 J	0.02 U						
Total PAHs (calculated)	ug/L					0.0779	0.0068						
Petroleum Hydrocarbons	Units												
Diesel Range Organics	ug/L					46 U	87 J						
Residual Range Organics	ug/L					520 U	31 U						

Table 4.5 BXS Field Blanks; Conventionals, Dissolved Metals, Phenols and PAHs (1998 - 2002)

Station ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Sample ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Date		1/14/1998	4/15/1998	7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/4/1999	1/11/2000
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units									
Alkalinity	mg/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 U	2 U
Ammonia as Nitrogen	mg/L					0.05 U	0.01	0.05 U	0.05 U	0.05 U
Bicarb. Alkalinity as CaCO3	mg/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 U	2 U
Chemical Oxygen Demand	mg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloride	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U
Coliforms in MPN/100 mL	MPN/100 mL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Conductivity	uMHOS/cm	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Nitrate+Nitrite as Nitrogen	mg/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	0.2 U
Nitrate as Nitrogen	mg/L									
Nitrite as Nitrogen	mg/L									
pH	PH	5.67	5.73	5.77	5.29	6.63	5.95	6.07	6.21	6.55
Sulfate	mg/L	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	2.2	0.4 U	0.2 U
Tannin and Lignin	mg/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	0.2 U
Total Organic Carbon	mg/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	0.5 U
Total Dissolved Solids	mg/L	5 U	13	23	5 U	10 U	184	5 U	11	12
Total Suspended Solids	mg/L									
Dissolved metals	Units									
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/L	0.05 U	0.066	0.096	0.05 U	0.078	0.052	0.053	0.151	0.066
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023
Magnesium	mg/L	0.016	0.022	0.047	0.014	0.016	0.02	0.017	0.044	0.032
Manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.1
Sodium	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.112	0.138
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.017	0.01 U	0.01 U	0.01 U

Table 4.5 BXS Field Blanks; Conventionals, Dissolved Metals, Phenols and PAHs (Continued)

Station ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Sample ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Date		1/14/1998	4/15/1998	7/16/1998	10/6/1998	1/12/1999	4/13/1999	7/21/1999	10/4/1999	1/11/2000
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units									
Phenol	ug/L	0.3	0.4	0.7	0.2 U	0.2 U	4.1	0.4	0.2 U	4.9
2-Chlorophenol	ug/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	0.2 U
2,4-Dichlorophenol	ug/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	0.2 U
2,4,6-Trichlorophenol	ug/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	0.2 U
Pentachlorophenol	ug/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	0.5 U
2,4-Dimethylphenol	ug/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	0.2 U
2-Nitrophenol	ug/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	0.2 U
4-Nitrophenol	ug/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	0.5 U
2,4-Dinitrophenol	ug/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	0.5 U
4,6-Dinitro-2-methylphenol	ug/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	0.5 U
4-Chloro-3-methylphenol	ug/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	0.2 U
PAHs	Units									
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/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	0.2 U
Benzo(g,h,i)perylene	ug/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	0.2 U
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/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	0.2 U
Fluorene	ug/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	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/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	0.2 U
Total PAHs (calculated)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 4.5 BXS Field Blanks; Conventionals, Dissolved Metals, Phenols and PAHs (Continued)

Station ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	FIELD	FIELD
Sample ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Date		4/20/2000	7/26/2000	10/5/2000	1/16/2001	4/4/2001	7/10/2001	10/2/2001	4/11/2002
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units								
Alkalinity	mg/L	20 U		20 U					
Ammonia as Nitrogen	mg/L	0.05 U	0.05 U	0.05 U	0.06	0.05 U	0.05 U		
Bicarb. Alkalinity as CaCO3	mg/L	20 U		20 U			2 U		
Chemical Oxygen Demand	mg/L	5 U	5 U	5 U	5 U	5 U	5 U		
Chloride	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Coliforms in MPN/100 mL	MPN/100 mL		2 U	2 UJ	2 UJ	2 UJ	2 UJ		
Conductivity	uMHOS/cm	2 U	2 U	2 U	2	3	2 U		
Nitrate+Nitrite as Nitrogen	mg/L	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U		
Nitrate as Nitrogen	mg/L		0.1 U						
Nitrite as Nitrogen	mg/L		0.1 U						
pH	PH	6.01	5.16	5.72	5.52	5.4	5.53 J		
Sulfate	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U		
Tannin and Lignin	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Total Organic Carbon	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Total Dissolved Solids	mg/L	27	5 U	5 U	5 U	10 U	5 U		
Total Suspended Solids	mg/L					5 U		5 U	5 U
Dissolved metals	Units								
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		
Barium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Cadmium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.005 U
Calcium	mg/L	0.1		0.05 U		0.05 U		0.218	0.05 U
Copper	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	0.06		0.02 U		0.02 U		0.064	0.02 U
Manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Potassium	mg/L	2 U		2 U		2 U		2 U	2 U
Sodium	mg/L	0.1 U		0.1 U		0.1 U		0.824	0.1 U
Zinc	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U

Table 4.5 BXS Field Blanks; Conventionals, Dissolved Metals, Phenols and PAHs (Continued)

Station ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	FIELD	FIELD
Sample ID		BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5	BXS-5
Date		4/20/2000	7/26/2000	10/5/2000	1/16/2001	4/4/2001	7/10/2001	10/2/2001	4/11/2002
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units								
Phenol	ug/L	0.2							
2-Chlorophenol	ug/L	0.2 U							
2,4-Dichlorophenol	ug/L	0.2 U							
2,4,6-Trichlorophenol	ug/L	0.2 U							
Pentachlorophenol	ug/L	0.5 U		0.5 U		0.5 U		0.2 U	0.2 U
2,4-Dimethylphenol	ug/L	0.2 U							
2-Nitrophenol	ug/L	0.2 U							
4-Nitrophenol	ug/L	0.5 U							
2,4-Dinitrophenol	ug/L	0.5 U							
4,6-Dinitro-2-methylphenol	ug/L	0.5 U							
4-Chloro-3-methylphenol	ug/L	0.2 U							
PAHs	Units								
Acenaphthene	ug/L	1 U							
Acenaphthylene	ug/L	1 U							
Anthracene	ug/L	0.1 U							
Benzo(a)anthracene	ug/L	0.1 U							
Benzo(a)pyrene	ug/L	0.1 U							
Benzo(b)fluoranthene	ug/L	0.2 U							
Benzo(g,h,i)perylene	ug/L	0.2 U							
Benzo(k)fluoranthene	ug/L	0.1 U							
Chrysene	ug/L	0.1 U							
Dibenz(a,h)anthracene	ug/L	0.1 U							
Fluoranthene	ug/L	0.2 U							
Fluorene	ug/L	0.2 U							
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U							
Naphthalene	ug/L	1 U							
Phenanthrene	ug/L	0.1 U							
Pyrene	ug/L	0.2 U							
Total PAHs (calculated)	ug/L	1 U							

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (1990 - 2006)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		8/1/90	8/29/90	8/1/91	3/1/92	8/1/92	8/16/94	11/29/94	2/16/95	4/26/95
Conventionals	Units									
Alkalinity	mg/L						43	42	30	30
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L						43	42	30	30
Chloride	mg/L						5.2	8.1	6.3	4.4
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L						9.2	11	11	9.6
Sulfide	mg/L									
Temperature	C									
Total Organic Carbor	mg/L						2	1.5	2.9	1.8
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L						9.7	12.3	9	8.81
Iron	mg/L						0.02 U	0.026	0.02 U	0.02 U
Magnesium	mg/L						6.22	7.47	5.33	5.22
Manganese	mg/L						0.005 U	0.005 U	0.005 U	0.005 U
Potassium	mg/L									
Sodium	mg/L						4.23	4.43	4.03	4.06
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		8/1/90	8/29/90	8/1/91	3/1/92	8/1/92	8/16/94	11/29/94	2/16/95	4/26/95
Phenols	Units									
Phenol	ug/L		10 U							
2-Chlorophenol	ug/L		10 U							
2,4-Dichlorophenol	ug/L		10 U							
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L		50 U							
2,4,6-Trichlorophenol	ug/L		10 U							
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	10 U	50 U	0.2 U	0.1	0.2 U				
2-Methylphenol	ug/L		10 U							
4-Methylphenol	ug/L		10 U							
2,4-Dimethylphenol	ug/L		10 U							
2-Nitrophenol	ug/L		10 U							
4-Nitrophenol	ug/L		50 U							
2,4-Dinitrophenol	ug/L		50 U							
4,6-Dinitro-2-methylphenol	ug/L		50 U							
4-Chloro-3-methylphenol	ug/L		10 U							
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L		10 U							
Acenaphthene	ug/L		10 U							
Acenaphthylene	ug/L		10 U							
Anthracene	ug/L		10 U							
Benzo(a)anthracene	ug/L		10 U							
Benzo(a)pyrene	ug/L		10 U							
Benzo(b)fluoranthene	ug/L		10 U							
Benzo(g,h,i)perylene	ug/L		10 U							
Benzo(k)fluoranthene	ug/L		10 U							
Chrysene	ug/L		10 U							
Dibenz(a,h)anthracene	ug/L		10 U							
Fluoranthene	ug/L		10 U							
Fluorene	ug/L		10 U							
Indeno(1,2,3-cd)pyrene	ug/L		10 U							
Naphthalene	ug/L		10 U							
Phenanthrene	ug/L		10 U							
Pyrene	ug/L		10 U							
Total PAHs (calculated)	ug/L		10 U							

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		7/31/95	10/9/95	1/10/96	4/17/96	7/17/96	9/25/96	1/13/97	4/9/97	8/6/97
Conventionals	Units									
Alkalinity	mg/L	35	44	38	37	38	50	39	44	53
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L	35	44	38	37	38	50	39	44	53
Chloride	mg/L	3.9	4.1	6	4.6	4.2	4.1	4.2	4.2	2.9
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L	9.3	7.3	9	8.9	9.3	9.5	12	13	8.2
Sulfide	mg/L									
Temperature	C									
Total Organic Carbor	mg/L	1.5	1.8	3.3	1.3	2.6	1.9	1.8	2.5	2.9
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	7.89	10.5	9.73	9.96	9.43	11.8	10.8	12.3	12.1
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.728	0.02 U
Magnesium	mg/L	5.14	6.71	5.7	6.15	5.95	7.58	6.21	7.51	7.28
Manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02	0.005 U
Potassium	mg/L					2.3		2.5	2.2	
Sodium	mg/L	3.55	4.57	4.67	4.87	4.67	5.35	4.46	4.42	4.54
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		7/31/95	10/9/95	1/10/96	4/17/96	7/17/96	9/25/96	1/13/97	4/9/97	8/6/97
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L									
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	1.6		0.5						
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L									
Acenaphthylene	ug/L									
Anthracene	ug/L									
Benzo(a)anthracene	ug/L									
Benzo(a)pyrene	ug/L									
Benzo(b)fluoranthene	ug/L									
Benzo(g,h,i)perylene	ug/L									
Benzo(k)fluoranthene	ug/L									
Chrysene	ug/L									
Dibenz(a,h)anthracene	ug/L									
Fluoranthene	ug/L									
Fluorene	ug/L									
Indeno(1,2,3-cd)pyrene	ug/L									
Naphthalene	ug/L									
Phenanthrene	ug/L									
Pyrene	ug/L									
Total PAHs (calculated)	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		10/6/97	1/14/98	4/15/98	7/15/98	10/6/98	1/12/99	1/21/99	4/13/99	7/21/99
Conventionals	Units									
Alkalinity	mg/L	58	44	43	51	75	39		40	52
Bicarb. Alkalinity as CaCO3	mg/L		44	43	51	75	39		40	52
Dissolved Bicarbonate	mg/L	58								
Chloride	mg/L	3.2	4.7	3.7	3.4	3.3	4.5		4.6	3.6
Coliforms in MPN/100 mL	MPN/100 mL						7			
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L	9.5			12.1				13.7	
Sulfide	mg/L		11.5	11.5		11.8	14.3			10.7
Temperature	C									
Total Organic Carbor	mg/L	2.8	3.8	2.2	1.8	2.5	0.8		1.7	1.8
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	13.2	11.6	11.4	12.2	15.8	11.6		11.3	13
Iron	mg/L	0.02 U	0.735	0.02 U	0.02 U	0.02	0.02 U		0.02 U	0.02 U
Magnesium	mg/L	8.25	6.93	6.73	7.51	9.89	6.8		6.93	7.52
Manganese	mg/L	0.005 U	0.02	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U
Potassium	mg/L		2 U	2 U	2 U	2 U	2 U		2 U	2 U
Sodium	mg/L	5.09	5.1	4.32	4.64	5.54	4.46		3.96	0.1
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Date		10/6/97	1/14/98	4/15/98	7/15/98	10/6/98	1/12/99	1/21/99	4/13/99	7/21/99
Phenols	Units									
Phenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U
Acenaphthylene	ug/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U
Anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Chrysene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Fluorene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Naphthalene	ug/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U
Phenanthrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Pyrene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U		0.4 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW 1	GW1008
Date		10/4/99	10/25/99	1/11/00	4/18/00	10/4/00	4/5/01	10/8/01	4/10/02	10/24/02
Conventionals	Units									
Alkalinity	mg/L	61		47	42					
Bicarb. Alkalinity as CaCO3	mg/L	61		47	42					
Dissolved Bicarbonate	mg/L									
Chloride	mg/L	3.1		3.9	3.4					
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm				101					
Specific Conductance	mS/cm									0.207
Dissolved Oxyger	mg/L									11.49
Eh	mV									339
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH				6.26					6.91
Nitrate as Nitroger	mg/L									
Sulfate	mg/L			12.6	9.4					
Sulfide	mg/L	10.2								
Temperature	C									10.3
Total Organic Carbor	mg/L	2.6		3.9	1.1					
Total Suspended Solids	mg/L	331		304		333	429	1240	258	34
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	12.4		10.6	10.7	12.6	0.0134	14.4	13.3	
Iron	mg/L	0.02 U		0.02 U	0.02 U	0.02	0.00002 U	0.02 U	0.02 U	0.007 UJ
Magnesium	mg/L	7.78		5.88	6.09	7.99	0.0082	9.01	7.92	10.9
Manganese	mg/L	0.005 U		0.005 U	0.005 U			2 U	2 U	
Potassium	mg/L	2 U		2.5	2	2 U	0.002 U	4.73	4.45	1.36 B
Sodium	mg/L	4.59		4.29	4.3	4.9	0.00434			5.17
TPH	Units									
Diesel	ug/L		250 U							
Heavy Fuel Oi	ug/L		500 U							
Jet Fuel as Jet A	ug/L		250 U							
Kerosene	ug/L		250 U							
Lube Oil	ug/L		500 U							
Mineral Spirits	ug/L		250 U							
Non-PHC as Diesel	ug/L		500 U							
PHC as Diesel	ug/L		500 U							
Diesel Range Organics	ug/L									45 U
Residual Range Organics	ug/L									500 U

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW 1	GW1008
Date		10/4/99	10/25/99	1/11/00	4/18/00	10/4/00	4/5/01	10/8/01	4/10/02	10/24/02
Phenols	Units									
Phenol	ug/L	0.2 U		0.2 U	0.2 U					
2-Chlorophenol	ug/L	0.2 U		0.2 U	0.2 U					
2,4-Dichlorophenol	ug/L	0.2 U		0.2 U	0.2 U					
3,4-Dichlorophenol	ug/L									0.2 U
3,5-Dichlorophenol	ug/L									0.2 U
2,4,5-Trichlorophenol	ug/L									0.5 U
2,4,6-Trichlorophenol	ug/L	0.2 U		0.2 U	0.2 U					0.03 UJ
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.2 U	0.38 J
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L	0.2 U		0.2 U	0.2 U					
2-Nitrophenol	ug/L	0.2 U		0.2 U	0.2 U					
4-Nitrophenol	ug/L	0.5 U		0.5 U	0.5 U					
2,4-Dinitrophenol	ug/L	0.5 U		0.5 U	0.5 U					
4,6-Dinitro-2-methylphenol	ug/L	0.5 U		0.5 U	0.5 U					
4-Chloro-3-methylphenol	ug/L	0.2 U		0.2 U	0.2 U					
Total Tetrachlorophenols	ug/L									0.4 U
PAHs	Units									
2-Methylnaphthalene	ug/L									0.0073 J
Acenaphthene	ug/L	1 U		1 U	1 U					0.002 U
Acenaphthylene	ug/L	1 U		1 U	1 U					0.0018 U
Anthracene	ug/L	0.1 U		0.1 U	0.1 U					0.0011 U
Benzo(a)anthracene	ug/L	0.1 U		0.1 U	0.1 U					0.0021 U
Benzo(a)pyrene	ug/L	0.1 U		0.1 U	0.1 U					0.0016 U
Benzo(b)fluoranthene	ug/L	0.2 U		0.2 U	0.2 U					0.002 U
Benzo(g,h,i)perylene	ug/L	0.2 U		0.2 U	0.2 U					0.0037 U
Benzo(k)fluoranthene	ug/L	0.1 U		0.1 U	0.1 U					0.0014 U
Chrysene	ug/L	0.1 U		0.1 U	0.1 U					0.0013 U
Dibenz(a,h)anthracene	ug/L	0.1 U		0.1 U	0.1 U					0.0017 U
Fluoranthene	ug/L	0.2 U		0.2 U	0.2 U					0.0024 U
Fluorene	ug/L	0.2 U		0.2 U	0.2 U					0.0026 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U		0.1 U	0.1 U					0.0021 U
Naphthalene	ug/L	1 U		1 U	1 U					0.028
Phenanthrene	ug/L	0.1 U		0.1 U	0.1 U					0.0032 U
Pyrene	ug/L	0.2 U		0.2 U	0.2 U					0.0023 U
Total PAHs (calculated)	ug/L	1 U		1 U	1 U					0.028

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Date		1/21/03	7/15/03	2/11/2004	7/14/2004	1/10/05	8/1/90	8/29/90	10/1/91	3/1/92	8/1/92
Conventionals	Units										
Alkalinity	mg/L										
Bicarb. Alkalinity as CaCO3	mg/L										
Dissolved Bicarbonate	mg/L										
Chloride	mg/L	6									
Coliforms in MPN/100 mL	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm	0.122	0.162	0.131		0.16					
Dissolved Oxyger	mg/L	5.37	3.85	10.77		6.6					
Eh	mV	217	114	190		1					
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
pH	PH	5.71	6.24	2.990		5.63					
Nitrate as Nitroger	mg/L										
Sulfate	mg/L										
Sulfide	mg/L										
Temperature	C	11.1	15.94	11.07		12.74					
Total Organic Carbor	mg/L										
Total Suspended Solids	mg/L	5 U	5 U	5 U	5 U	5 U					
Turbidity	NTU										
Metals	Units										
Copper	mg/L	0.004 U									
Iron	mg/L	0.02 U									
Dissolved Metals	Units										
Calcium	mg/L	10.7	12.8	11.4	12.4	13.2					
Iron	mg/L	0.02 U	0.006 U	0.0074 U	0.02 U	0.02 U					
Magnesium	mg/L	6.04	7.64	5.71	7.05	6.3					
Manganese	mg/L										
Potassium	mg/L	0.821 B	0.7 U	1.33 B	0.977 B	1.49 B					
Sodium	mg/L	4.89	4.27	5.8	4.28	5.42					
TPH	Units										
Diesel	ug/L										
Heavy Fuel Oi	ug/L										
Jet Fuel as Jet A	ug/L										
Kerosene	ug/L										
Lube Oil	ug/L										
Mineral Spirits	ug/L										
Non-PHC as Diesel	ug/L										
PHC as Diesel	ug/L										
Diesel Range Organics	ug/L	45 U									
Residual Range Organics	ug/L	30 U									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Date		1/21/03	7/15/03	2/11/2004	7/14/2004	1/10/05	8/1/90	8/29/90	10/1/91	3/1/92	8/1/92
Phenols	Units										
Phenol	ug/L							10 U			
2-Chlorophenol	ug/L							10 U			
2,4-Dichlorophenol	ug/L							10 U			
3,4-Dichlorophenol	ug/L	0.2 U	0.2 U	2 U	2 U	0.3 U					
3,5-Dichlorophenol	ug/L	0.2 U	0.2 U	2 U	2 R	0.65 U					
2,4,5-Trichlorophenol	ug/L	0.5 U	0.5 U	0.33 U	0.5 U	0.27 U		50 U			
2,4,6-Trichlorophenol	ug/L	0.03 U	0.5 U	0.17 U	0.16 U	0.096 U		10 U			
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Pentachlorophenol	ug/L	0.06 U	0.5 U	0.5 U	0.095 U	0.29 U	10 U	50 U	8.3	0.4	0.2 U
2-Methylphenol	ug/L							10 U			
4-Methylphenol	ug/L							10 U			
2,4-Dimethylphenol	ug/L							10 U			
2-Nitrophenol	ug/L							10 U			
4-Nitrophenol	ug/L							50 U			
2,4-Dinitrophenol	ug/L							50 U			
4,6-Dinitro-2-methylphenol	ug/L							50 U			
4-Chloro-3-methylphenol	ug/L							10 U			
Total Tetrachlorophenols	ug/L	0.4 U	0.4 U	1 Ui	0.26 U	0.66 U					
PAHs	Units										
2-Methylnaphthalene	ug/L	0.02 U						10 U			
Acenaphthene	ug/L	0.002 U						10 U			
Acenaphthylene	ug/L	0.0018 U						10 U			
Anthracene	ug/L	0.02 U						10 U			
Benzo(a)anthracene	ug/L	0.0021 U						10 U			
Benzo(a)pyrene	ug/L	0.0016 U						10 U			
Benzo(b)fluoranthene	ug/L	0.002 U						10 U			
Benzo(g,h,i)perylene	ug/L	0.0037 U						10 U			
Benzo(k)fluoranthene	ug/L	0.0014 U						10 U			
Chrysene	ug/L	0.0013 U						10 U			
Dibenz(a,h)anthracene	ug/L	0.0017 U						10 U			
Fluoranthene	ug/L	0.0024 U						10 U			
Fluorene	ug/L	0.0026 U						10 U			
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U						10 U			
Naphthalene	ug/L	0.02 U						10 U			
Phenanthrene	ug/L	0.02 U						10 U			
Pyrene	ug/L	0.0023 U						10 U			
Total PAHs (calculated)	ug/L	0.02 U						10 U			

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		6/1/93	8/15/94	2/16/95	4/26/95	7/31/95	10/9/95	1/10/96	4/17/96	7/17/96
Conventionals	Units									
Alkalinity	mg/L		40	35	38	38	40	37	40	39
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L		40	35	38	38	40	37	40	39
Chloride	mg/L		30	18	18	27	25	19	13	17
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L		12	8.9	18	12	9.7	11	19	23
Sulfide	mg/L									
Temperature	C									
Total Organic Carbor	mg/L		9	1.2	1.5	1.4	4.8	4.1	5.2	5.3
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L		18.9	13.2	15.5	16.5	16.6	14.3	15.1	17.3
Iron	mg/L		0.033	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L		10.2	8.13	9.6	10.3	9.64	8.76	9.05	10.3
Manganese	mg/L		0.066	0.005 U	0.005 U	0.005 U	0.018	0.005 U	0.005 U	0.005 U
Potassium	mg/L		2				2.1			2.6
Sodium	mg/L		5.87	5.1	5.48	5.72	5.85	5.35	5.54	6.1
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		6/1/93	8/15/94	2/16/95	4/26/95	7/31/95	10/9/95	1/10/96	4/17/96	7/17/96
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L									
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	1.5	9	2.1	0.6	1.1	4.1	3.9	7.1	4.6
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L									
Acenaphthylene	ug/L									
Anthracene	ug/L									
Benzo(a)anthracene	ug/L									
Benzo(a)pyrene	ug/L									
Benzo(b)fluoranthene	ug/L									
Benzo(g,h,i)perylene	ug/L									
Benzo(k)fluoranthene	ug/L									
Chrysene	ug/L									
Dibenz(a,h)anthracene	ug/L									
Fluoranthene	ug/L									
Fluorene	ug/L									
Indeno(1,2,3-cd)pyrene	ug/L									
Naphthalene	ug/L									
Phenanthrene	ug/L									
Pyrene	ug/L									
Total PAHs (calculated)	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		9/25/96	1/13/97	4/9/97	8/6/97	10/6/97	1/14/98	4/15/98	7/15/98	10/6/98
Conventionals	Units									
Alkalinity	mg/L	40	30	44	43	44	31	35	39	39
Bicarb. Alkalinity as CaCO3	mg/L						31	35	39	39
Dissolved Bicarbonate	mg/L	40	30	44	43	44				
Chloride	mg/L	21	7.2	4.2	19.2	7	9.7	5.4	8.6	11.8
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L	18	14	13	22.2	17			15.3	
Sulfide	mg/L						15.5	17.7		10.3
Temperature	C									
Total Organic Carbor	mg/L	8.7	8.8	2.5	9.2	7.8	5.6	3	2.3	2.6
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	18.1	9.6	14.7	17.6	12.9	11.9	11.2	12	11.7
Iron	mg/L	0.02 U	0.082	0.076	0.02 U	0.02 U	0.187	0.02 U	0.02 U	0.076
Magnesium	mg/L	10.9	6.09	7.6	10.6	7.98	7.4	6.87	7.54	7.16
Manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Potassium	mg/L		2.8	2.7			2 U	2 U	2 U	2 U
Sodium	mg/L	6.55	4.62	6.43	5.96	5.26	5.39	4.83	4.61	5.4
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		9/25/96	1/13/97	4/9/97	8/6/97	10/6/97	1/14/98	4/15/98	7/15/98	10/6/98
Phenols	Units									
Phenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	3.3	3	2.8	1.3	3.8	2.5	0.7	1	4.6
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L						1 U	1 U	1 U	1 U
Acenaphthylene	ug/L						1 U	1 U	1 U	1 U
Anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L						1 U	1 U	1 U	1 U
Phenanthrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L						1 U	1 U	1 U	1 U

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		1/12/99	1/21/99	4/13/99	7/21/99	10/4/99	1/13/00	4/18/00	10/4/00	1/18/01
Conventionals	Units									
Alkalinity	mg/L	42		46	43	42	43	38		
Bicarb. Alkalinity as CaCO3	mg/L	42		46	43	42	43	38		
Dissolved Bicarbonate	mg/L									
Chloride	mg/L	5.4		5.9	9.8	13.4	7.8	6.1		
Coliforms in MPN/100 mL	MPN/100 mL	2 U								
Conductivity	uMHOS/cm							141		
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH							6.02		
Nitrate as Nitroger	mg/L									
Sulfate	mg/L			17.3			17	26.1		
Sulfide	mg/L	17.3			21.1	16.6				
Temperature	C									
Total Organic Carbor	mg/L	1.1		0.9	1.9	4	0.7	0.5 U		
Total Suspended Solids	mg/L					504	4 U		5 U	5 U
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	12.3		11.7	14.7	13	12.3	13.6	12.9	11
Iron	mg/L	0.024		0.02 U	0.02 U	0.02 U	0.02 U	0.03	0.02 U	0.02 U
Magnesium	mg/L	7.71		7.59	8.9	8.06	7.7	8.5	8.12	6.67
Manganese	mg/L	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		
Potassium	mg/L	2 U		2.1	2 U	2 U	2.7	2	2 U	2 U
Sodium	mg/L	5.84		4.84	5.68	6.38	5.92	6.6	6.6	5.53
TPH	Units									
Diesel	ug/L						250 U			
Heavy Fuel Oi	ug/L						500 U			
Jet Fuel as Jet A	ug/L						250 U			
Kerosene	ug/L						250 U			
Lube Oil	ug/L						500 U			
Mineral Spirits	ug/L						250 U			
Non-PHC as Diesel	ug/L						500 U			
PHC as Diesel	ug/L						500 U			
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Date		1/12/99	1/21/99	4/13/99	7/21/99	10/4/99	1/13/00	4/18/00	10/4/00	1/18/01
Phenols	Units									
Phenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
2-Chlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
2,4-Dichlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L		3.6	0.9	1.4	2.1	0.5 U	0.5 U	0.5 U	0.5 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
2-Nitrophenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
4-Nitrophenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
2,4-Dinitrophenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
4,6-Dinitro-2-methylphenol	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
4-Chloro-3-methylphenol	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L		1 U	1 U	1 U	1 U	1 U	1 U		
Acenaphthylene	ug/L		1 U	1 U	1 U	1 U	1 U	1 U		
Anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(a)anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(a)pyrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Benzo(b)fluoranthene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Benzo(g,h,i)perylene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Benzo(k)fluoranthene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Chrysene	ug/L		1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Dibenz(a,h)anthracene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Fluoranthene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Fluorene	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Indeno(1,2,3-cd)pyrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Naphthalene	ug/L		1 U	1 U	1 U	1 U	1 U	1 U		
Phenanthrene	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
Pyrene	ug/L		0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Total PAHs (calculated)	ug/L		1 U	1 U	1 U	1 U	1 U	1 U		

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW2	MWA	MW-2	MW-A	MW-2	MW-A	MW-2	MW-A
Date		4/5/01	7/12/01	7/12/2001	10/8/01	10/8/2001	10/9/01	10/9/2001	1/15/02	1/15/2002
				Field dup		Field dup		Field dup		Field dup
Conventionals	Units									
Alkalinity	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L									
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxyger	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH									
Nitrate as Nitroger	mg/L									
Sulfate	mg/L									
Sulfide	mg/L									
Temperature	C									
Total Organic Carbor	mg/L									
Total Suspended Solids	mg/L	6 UJB	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	0.0111	10.6	10.6	11.6	11.2	11.6	11.2	11.3	11
Iron	mg/L	0.00002 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	0.007	6.66	6.56	7.45	7.23	7.45	7.23	7.17	6.98
Manganese	mg/L				2 U		2 U		2 U	
Potassium	mg/L	0.002 U	2 U	2 U	5.69	2 U	5.69	2 U	5.69	2 U
Sodium	mg/L	0.00518	5.66	5.52		5.69		5.69		5.37
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW2	MWA	MW-2	MW-A	MW-2	MW-A	MW-2	MW-A
Date		4/5/01	7/12/01	7/12/01	10/8/01	10/8/01	10/9/01	10/9/01	1/15/02	1/15/02
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L									
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.5 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.06 U	0.06 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L									
Acenaphthylene	ug/L									
Anthracene	ug/L									
Benzo(a)anthracene	ug/L									
Benzo(a)pyrene	ug/L									
Benzo(b)fluoranthene	ug/L									
Benzo(g,h,i)perylene	ug/L									
Benzo(k)fluoranthene	ug/L									
Chrysene	ug/L									
Dibenz(a,h)anthracene	ug/L									
Fluoranthene	ug/L									
Fluorene	ug/L									
Indeno(1,2,3-cd)pyrene	ug/L									
Naphthalene	ug/L									
Phenanthrene	ug/L									
Pyrene	ug/L									
Total PAHs (calculated)	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW 2	MW A	MW-2	MW-A	GW1006	MW-2	MW-A	MW-2	MW-A
Date		4/10/02	4/10/2002	7/10/02	7/10/2002	10/23/02	1/17/03	1/17/2003	4/8/03	4/8/2003
			Field dup		Field dup			Field dup		Field dup
Conventionals	Units									
Alkalinity	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L						10.3	10.4		
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm					0.191	0.157		0.18	
Dissolved Oxyger	mg/L					6.3	8.97		6.48	
Eh	mV					419	224		412	
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
pH	PH					6.09	5.84		5.7	
Nitrate as Nitroger	mg/L									
Sulfate	mg/L									
Sulfide	mg/L									
Temperature	C					11.6	11.1		12.5	
Total Organic Carbor	mg/L									
Total Suspended Solids	mg/L	5 U	5 U	5 U	5 U	5	5	5	5 U	5 U
Turbidity	NTU									
Metals	Units									
Copper	mg/L						0.004 U	0.004 U		
Iron	mg/L						0.02 U	0.02 U		
Dissolved Metals	Units									
Calcium	mg/L	11.9	12.4	14.4	14.8		11.7	12	13.5	12.9
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.0351 UJ	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	7.58	7.83	8.85	9.16	8.18	7.54	7.74	8.4	8.1
Manganese	mg/L	2 U		2 U						
Potassium	mg/L	5.93	2 U	6.44	2 U	1.31 B	1.18 B	0.784 B	1.1 J	1.62 J
Sodium	mg/L		6.07		6.62	6	5.65	5.82	5.99	5.85
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L					45 U	100 J	74 J		
Residual Range Organics	ug/L					30 U	500 U	30 U		

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW 2	MW A	MW-2	MW-A	GW1006	MW-2	MW-A	MW-2	MW-A
Date		4/10/02	4/10/02	7/10/02	7/10/02	10/23/02	1/17/03	1/17/03	4/8/03	4/8/03
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L					0.2 U	0.2 U	0.2 U		
3,5-Dichlorophenol	ug/L					0.2 U	0.2 U	0.2 U		
2,4,5-Trichlorophenol	ug/L					0.5 U	0.5 UJ	0.5 UJ		
2,4,6-Trichlorophenol	ug/L					0.03 UJ	0.03 U	0.03 U		
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.06 U	0.06 U	0.06 U	0.5 U	0.5 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L					0.4 U	0.4 U	0.4 U		
PAHs	Units									
2-Methylnaphthalene	ug/L					0.02 J	0.0036 J	0.0029 J		
Acenaphthene	ug/L					0.002 U	0.002 U	0.002 U		
Acenaphthylene	ug/L					0.0018 U	0.0018 U	0.0018 U		
Anthracene	ug/L					0.0011 U	0.0015 J	0.0013 J		
Benzo(a)anthracene	ug/L					0.0021 U	0.0021 U	0.0021 U		
Benzo(a)pyrene	ug/L					0.0016 U	0.0016 U	0.0016 U		
Benzo(b)fluoranthene	ug/L					0.002 U	0.002 U	0.002 U		
Benzo(g,h,i)perylene	ug/L					0.0037 U	0.0037 U	0.0037 U		
Benzo(k)fluoranthene	ug/L					0.0014 U	0.0014 U	0.0014 U		
Chrysene	ug/L					0.0013 U	0.02 U	0.0013 U		
Dibenz(a,h)anthracene	ug/L					0.0017 U	0.0017 U	0.0017 U		
Fluoranthene	ug/L					0.0024 U	0.02 U	0.0024 U		
Fluorene	ug/L					0.0034 J	0.0026 U	0.0026 U		
Indeno(1,2,3-cd)pyrene	ug/L					0.0021 U	0.0021 U	0.0021 U		
Naphthalene	ug/L					0.0075 J	0.02 U	0.02 U		
Phenanthrene	ug/L					0.02 U	0.02 U	0.0032 U		
Pyrene	ug/L					0.0023 U	0.0023 U	0.0023 U		
Total PAHs (calculated)	ug/L					0.0109	0.0015	0.0013		

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-A	MW-2	MW-2	MW-2	MW-2	MW-2	MW2	MW-2
Date		7/16/03	7/16/2003 Field dup	2/13/2004	7/14/2004	1/11/05	11/3/05	2/16/06	5/22/06	8/9/06
Conventionals	Units									
Alkalinity	mg/L						34	34		
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L						9	6.6		
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm	0.182		0.163	0.211	0.182				
Dissolved Oxyger	mg/L	7.5		9.96	8.21	10.74	7.9	7.6	7.2	4.7
Eh	mV	262		159	242	4	324	253	409	388
Ethane	ug/L						0.35 U	0.38 U		
Ethene	ug/L						0.55 U	0.55 U		
Ferrous Iron	mg/L						0 U	0 U		
Methane	ug/L						0.3 U	0.3 U		
pH	PH	5.82		3.120	5.40	5.69	6	6.36	6.03	6.1
Nitrate as Nitroger	mg/L						1.8	1.7		
Sulfate	mg/L						22.5	17.1		
Sulfide	mg/L									
Temperature	C	13.35		11.25	12.31	10.98	11.1	11.1	11.4	11.7
Total Organic Carbor	mg/L									
Total Suspended Solids	mg/L	5	5	5 U	5 U	5 U				
Turbidity	NTU						3	47	1	0
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	12.5	12.9	11.7	13.7	13				
Iron	mg/L	0.004 U	0.004 U	0.0114 U	0.02 U	0.02 U				
Magnesium	mg/L	8.19	8.44	7.56	8.71	8.28				
Manganese	mg/L									
Potassium	mg/L	1.26 B	1.3 B	1.28 B	1.25 B	0.964 B				
Sodium	mg/L	5.51	5.63	5.44	5.79	5.74				
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oi	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-2	MW-A	MW-2	MW-2	MW-2	MW-2	MW-2	MW2	MW-2
Date		7/16/03	7/16/03	2/13/2004	7/14/2004	1/11/05	11/3/05	2/16/06	5/22/06	8/9/06
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L			2 U	2 U	0.3 U				
3,5-Dichlorophenol	ug/L			2 U	2 U	0.65 U				
2,4,5-Trichlorophenol	ug/L			0.33 U	0.5 U	0.27 U				
2,4,6-Trichlorophenol	ug/L			0.17 U	0.16 U	0.096 U				
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.2 J	0.06 U	0.12 U	0.095 U	0.29 U	0.29 U	0.29 U	0.13 U	0.13 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L			0.82 Ui	0.26 U	0.66 U				
PAHs	Units									
2-Methylnaphthalene	ug/L						0.02 U	0.0027 U	0.02 U	0.0042 U
Acenaphthene	ug/L						0.002 U	0.002 U	0.002 U	0.0031 U
Acenaphthylene	ug/L						0.02 U	0.0018 U	0.0018 U	0.0023 U
Anthracene	ug/L						0.0011 U	0.0011 U	0.0011 U	0.0039 U
Benzo(a)anthracene	ug/L						0.0021 U	0.0021 U	0.0021 U	0.0039 U
Benzo(a)pyrene	ug/L						0.0016 U	0.0016 U	0.0016 U	0.0043 U
Benzo(b)fluoranthene	ug/L						0.002 U	0.002 U	0.002 U	0.0046 U
Benzo(g,h,i)perylene	ug/L						0.0037 U	0.0037 U	0.0037 U	0.0041 U
Benzo(k)fluoranthene	ug/L						0.0014 U	0.0014 U	0.0014 U	0.0051 U
Chrysene	ug/L						0.0013 U	0.02 U	0.0013 U	0.0053 U
Dibenz(a,h)anthracene	ug/L						0.0017 U	0.0017 U	0.0017 U	0.0036 U
Fluoranthene	ug/L						0.0024 U	0.0024 U	0.0024 U	0.0047 U
Fluorene	ug/L						0.0026 U	0.0026 U	0.0026 U	0.0036 U
Indeno(1,2,3-cd)pyrene	ug/L						0.0021 U	0.0021 U	0.0021 U	0.0033 U
Naphthalene	ug/L						0.02 U	0.02 U	0.02 U	0.0066 J
Phenanthrene	ug/L						0.0032 U	0.0032 U	0.02 U	0.0032 U
Pyrene	ug/L						0.0023 U	0.0023 U	0.0023 U	0.0047 U
Total PAHs (calculated)	ug/L						0.02 U	0.02 U	0.02 U	0.0066

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3-B	MW-3	MW-3-A	MW-3	MW-3	MW-3
Date		8/1/1990	8/29/1990	8/1/1991	8/1/1991	10/1/1991	10/1/1991	8/1/1992	3/1/1993	6/1/1993
Conventionals	Units									
Alkalinity	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L									
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxygen	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH									
Sulfate	mg/L									
Sulfide	mg/L									
Temperature	C									
Total Organic Carbon	mg/L									
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L									
Iron	mg/L									
Magnesium	mg/L									
Manganese	mg/L									
Potassium	mg/L									
Sodium	mg/L									
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3-B	MW-3	MW-3-A	MW-3	MW-3	MW-3
Date		8/1/90	8/29/90	8/1/91	8/1/91	10/1/91	10/1/91	8/1/92	3/1/93	6/1/93
Phenols	Units									
Phenol	ug/L		10 U							
2-Chlorophenol	ug/L		10 U							
2,4-Dichlorophenol	ug/L		10 U							
2,6-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L		50 U							
2,4,6-Trichlorophenol	ug/L		10 U							
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	10 U	50 U	440	440	210	210	250	190	430
2-Methylphenol	ug/L		10 U							
4-Methylphenol	ug/L		10 U							
2,4-Dimethylphenol	ug/L		10 U							
2-Nitrophenol	ug/L		10 U							
4-Nitrophenol	ug/L		50 U							
2,4-Dinitrophenol	ug/L		50 U							
4,6-Dinitro-2-methylphenol	ug/L		50 U							
4-Chloro-3-methylphenol	ug/L		10 U							
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L		10 U							
Acenaphthene	ug/L		10 U							
Acenaphthylene	ug/L		10 U							
Anthracene	ug/L		10 U							
Benzo(a)anthracene	ug/L		10 U							
Benzo(a)pyrene	ug/L		10 U							
Benzo(b)fluoranthene	ug/L		10 U							
Benzo(g,h,i)perylene	ug/L		10 U							
Benzo(k)fluoranthene	ug/L		10 U							
Chrysene	ug/L		10 U							
Dibenz(a,h)anthracene	ug/L		10 U							
Fluoranthene	ug/L		10 U							
Fluorene	ug/L		10 U							
Indeno(1,2,3-cd)pyrene	ug/L		10 U							
Naphthalene	ug/L		10 U							
Phenanthrene	ug/L		10 U							
Pyrene	ug/L		10 U							
Total PAHs (calculated)	ug/L		10 U							

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Date		12/1/1993	8/15/1994	11/29/1994	2/15/1995	4/26/1995	7/31/1995	10/9/1995	1/10/1996
Conventionals	Units								
Alkalinity	mg/L		42	35	31	41.5	38.5	27	30.5
Bicarb. Alkalinity as CaCO3	mg/L								
Dissolved Bicarbonate	mg/L		42	35	31	41.5	38.5	27	30.5
Chloride	mg/L		7.7	6.4	7.9	6.9	7.05	7.05	5.15
Coliforms in MPN/100 mL	MPN/100 mL								
Conductivity	uMHOS/cm								
Specific Conductance	mS/cm								
Dissolved Oxygen	mg/L								
Eh	mV								
Ethane	ug/L								
Ethene	ug/L								
Ferrous Iron	mg/L								
Methane	ug/L								
Nitrate as Nitrogen	mg/L								
pH	PH								
Sulfate	mg/L		9.7	10	9	9.05	11	10.7	10.5
Sulfide	mg/L								
Temperature	C								
Total Organic Carbon	mg/L		4.3	3.8	1.25	0.8	2.65	3.7	1.5
Total Suspended Solids	mg/L								
Turbidity	NTU								
Metals	Units								
Copper	mg/L								
Iron	mg/L								
Dissolved Metals	Units								
Calcium	mg/L		11.2	9.56	9.4	9.93	9.79	9.07	7.8
Iron	mg/L		0.312	0.989	0.0285	0.02 U	0.082	0.198	0.078
Magnesium	mg/L		6.82	6.62	6.3	6.74	6.48	5.9	5.27
Manganese	mg/L		1.18	0.27	0.362	0.277	0.475	0.583	0.1765
Potassium	mg/L				2.68				
Sodium	mg/L		4.5	4.71	4.39	4.77	4.58	4.515	4.01
TPH	Units								
Diesel	ug/L								
Heavy Fuel Oil	ug/L								
Jet Fuel as Jet A	ug/L								
Kerosene	ug/L								
Lube Oil	ug/L								
Mineral Spirits	ug/L								
Non-PHC as Diesel	ug/L								
PHC as Diesel	ug/L								
Diesel Range Organics	ug/L								
Residual Range Organics	ug/L								

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Date		12/1/93	8/15/94	11/29/94	2/15/95	4/26/95	7/31/95	10/9/95	1/10/96
Phenols	Units								
Phenol	ug/L								
2-Chlorophenol	ug/L								
2,4-Dichlorophenol	ug/L								
3,4-Dichlorophenol	ug/L								
3,5-Dichlorophenol	ug/L								
2,4,5-Trichlorophenol	ug/L								
2,4,6-Trichlorophenol	ug/L								
2,3,4,5-Tetrachlorophenol	ug/L								
2,3,5,6-Tetrachlorophenol	ug/L								
Pentachlorophenol	ug/L	750	230	480		3.4	145	115	470
2-Methylphenol	ug/L								
4-Methylphenol	ug/L								
2,4-Dimethylphenol	ug/L								
2-Nitrophenol	ug/L								
4-Nitrophenol	ug/L								
2,4-Dinitrophenol	ug/L								
4,6-Dinitro-2-methylphenol	ug/L								
4-Chloro-3-methylphenol	ug/L								
Total Tetrachlorophenols	ug/L								
PAHs	Units								
2-Methylnaphthalene	ug/L								
Acenaphthene	ug/L								
Acenaphthylene	ug/L								
Anthracene	ug/L								
Benzo(a)anthracene	ug/L								
Benzo(a)pyrene	ug/L								
Benzo(b)fluoranthene	ug/L								
Benzo(g,h,i)perylene	ug/L								
Benzo(k)fluoranthene	ug/L								
Chrysene	ug/L								
Dibenz(a,h)anthracene	ug/L								
Fluoranthene	ug/L								
Fluorene	ug/L								
Indeno(1,2,3-cd)pyrene	ug/L								
Naphthalene	ug/L								
Phenanthrene	ug/L								
Pyrene	ug/L								
Total PAHs (calculated)	ug/L								

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-6	MW-3
Date		4/17/1996	7/17/1996	9/25/1996	1/13/1997	4/9/1997	8/6/1997	10/6/1997	1/14/1998	1/14/1998 Field dup	4/15/1998
Conventionals	Units										
Alkalinity	mg/L	41	42.5	44.5	40.5	73	56.5	40	38	36	52
Bicarb. Alkalinity as CaCO3	mg/L								38	36	52
Dissolved Bicarbonate	mg/L	41	43	44.5	40.5	73	56.5	40			
Chloride	mg/L	5.75	5.25	5.45	6.65	9.85	6.85	5.2	5	5	5.5
Coliforms in MPN/100 mL	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
pH	PH										
Sulfate	mg/L	10.65	9.1	10.35	10.45	9.9	9.7	12.75			
Sulfide	mg/L								12.8	12	12.5
Temperature	C										
Total Organic Carbon	mg/L	2	1.75	2.7	1.95	3.2	3.6	2.85	1.7	2.2	3.1
Total Suspended Solids	mg/L										
Turbidity	NTU										
Metals	Units										
Copper	mg/L										
Iron	mg/L										
Dissolved Metals	Units										
Calcium	mg/L	9.39	10.15	11	11.05	18.1	14.1	10.7	9.64	9.96	13.1
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.026	0.108	0.02 U	0.02 U	0.02 U	0.02 U	0.059
Magnesium	mg/L	6.31	6.98	7.47	7.27	11.4	8.68	6.8	6.13	6.33	8.16
Manganese	mg/L	0.193	0.203	0.258	0.136	0.013	0.0085	0.027	0.033	0.035	0.014
Potassium	mg/L		2.5		2.7	2.65			2 U	2 U	2 U
Sodium	mg/L	4.465	4.7	4.72	4.825	6.43	5.485	4.92	4.7	4.89	5.46
TPH	Units										
Diesel	ug/L										
Heavy Fuel Oil	ug/L										
Jet Fuel as Jet A	ug/L										
Kerosene	ug/L										
Lube Oil	ug/L										
Mineral Spirits	ug/L										
Non-PHC as Diesel	ug/L										
PHC as Diesel	ug/L										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-6	MW-3
Date		4/17/96	7/17/96	9/25/96	1/13/97	4/9/97	8/6/97	10/6/97	1/14/98	1/14/98 Field dup	4/15/98
Phenols	Units										
Phenol	ug/L								0.2 U	0.2 U	0.2 U
2-Chlorophenol	ug/L								0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L								0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/L								0.2 U	0.2 U	0.2 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Pentachlorophenol	ug/L	135	300	320	58.5	0.9	17.5	295	220	200	27
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L								0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L								0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L								0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L								0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L								0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L								0.2 U	0.2 U	0.2 U
Total Tetrachlorophenols	ug/L										
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L								1 U	1 U	1 U
Acenaphthylene	ug/L								1 U	1 U	1 U
Anthracene	ug/L								0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L								0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L								0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L								0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L								0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L								0.1 U	0.1 U	0.1 U
Chrysene	ug/L								0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L								0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L								0.2 U	0.2 U	0.2 U
Fluorene	ug/L								0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L								0.1 U	0.1 U	0.1 U
Naphthalene	ug/L								1 U	1 U	1 U
Phenanthrene	ug/L								0.1 U	0.1 U	0.1 U
Pyrene	ug/L								0.2 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L								1 U	1 U	1 U

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3
Date		4/15/1998	7/15/1998	7/15/1998	10/6/1998	10/6/1998	1/12/1999	1/12/1999	1/21/1999	1/21/1999	4/13/1999
		Field dup		Field dup		Field dup		Field dup		Field dup	
Conventionals	Units										
Alkalinity	mg/L	73	57	62	42	40	40	40			66
Bicarb. Alkalinity as CaCO3	mg/L	73	57	62	42	40	40	40			66
Dissolved Bicarbonate	mg/L										
Chloride	mg/L	5.6	4.8	5.4	5.8	5.5	6	6			9.5
Coliforms in MPN/100 mL	MPN/100 mL						2 U	2 U			
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
pH	PH										
Sulfate	mg/L		14.2	13.9							15
Sulfide	mg/L	13.2			12.9	12	13.6	13.6			
Temperature	C										
Total Organic Carbon	mg/L	2.8	3	2.6	1.4	0.5 U	1.8	1.7			2.1
Total Suspended Solids	mg/L										
Turbidity	NTU										
Metals	Units										
Copper	mg/L										
Iron	mg/L										
Dissolved Metals	Units										
Calcium	mg/L	12.7	13.8	13.4	9.63	9.57	10.5	79.1			
Iron	mg/L	0.072	0.02 U	0.02 U	0.059	0.063	0.084	1.16			
Magnesium	mg/L	7.87	8.75	8.53	6.47	6.43	7	60.1			
Manganese	mg/L	0.014	0.015	0.014	0.248	0.249	0.191	1.7			
Potassium	mg/L	2 U	2 U	2 U	2 U	2 U	2 U	3.9			
Sodium	mg/L	5.26	5.22	5.12	5.33	5.32	5.48	12.3			
TPH	Units										
Diesel	ug/L										
Heavy Fuel Oil	ug/L										
Jet Fuel as Jet A	ug/L										
Kerosene	ug/L										
Lube Oil	ug/L										
Mineral Spirits	ug/L										
Non-PHC as Diesel	ug/L										
PHC as Diesel	ug/L										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3
Date		4/15/98	7/15/98	7/15/98	10/6/98	10/6/98	1/12/99	1/12/99	1/21/99	1/21/99	4/13/99
		Field dup		Field dup		Field dup		Field dup		Field dup	
Phenols	Units										
Phenol	ug/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-Chlorophenol	ug/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-Dichlorophenol	ug/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
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/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
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Pentachlorophenol	ug/L	28	510	500	570	670			360	280	3.9
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/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-Nitrophenol	ug/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
4-Nitrophenol	ug/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-Dinitrophenol	ug/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
4,6-Dinitro-2-methylphenol	ug/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
4-Chloro-3-methylphenol	ug/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
Total Tetrachlorophenols	ug/L										
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L	1 U	10 U	10 U	1 U	1 U			1 U	1 U	1 U
Acenaphthylene	ug/L	1 U	10 U	10 U	1 U	1 U			1 U	1 U	1 U
Anthracene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L	0.2 U	2 U	2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	0.2 U	2 U	2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Chrysene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			1 U	1 U	0.1 U
Dibenz(a,h)anthracene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L	0.2 U	2 U	2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U
Fluorene	ug/L	0.2 U	2 U	2 U	0.2	0.2			0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Naphthalene	ug/L	1 U	10 U	10 U	1.7	2.4			1 U	1 U	1 U
Phenanthrene	ug/L	0.1 U	1 U	1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U
Pyrene	ug/L	0.2 U	2 U	2 U	0.2 U	0.2 U			0.4 U	0.4 U	0.2 U
Total PAHs (calculated)	ug/L	1 U	10 U	10 U	1.9	2.6			1 U	1 U	1 U

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3
Date		4/13/1999	7/21/1999	7/21/1999	10/5/1999	10/5/1999	1/13/2000	1/13/2000	4/18/2000	4/18/2000	10/4/2000
		Field dup		Field dup		Field dup		Field dup		Field dup	
Conventionals	Units										
Alkalinity	mg/L	68	61	61	48	47	53	51	73	72	
Bicarb. Alkalinity as CaCO3	mg/L	68	61	61	48	47	53	51	73	72	
Dissolved Bicarbonate	mg/L										
Chloride	mg/L	9.4	6.1	6.1	5.1	5.4	10.6	10.9	7.7	7.8	
Coliforms in MPN/100 mL	MPN/100 mL										
Conductivity	uMHOS/cm								170	165	
Specific Conductance	mS/cm										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
pH	PH								5.91	5.89	
Sulfate	mg/L	16.3					15.9	16	14.9	14.7	
Sulfide	mg/L		15.5	15.4	17.1	16.9					
Temperature	C										
Total Organic Carbon	mg/L	2.6	2.1	1.9	0.7	2.9	1.5	1.5	2.3	2	
Total Suspended Solids	mg/L				4 U		4 U	4 U			5 U
Turbidity	NTU										
Metals	Units										
Copper	mg/L										
Iron	mg/L										
Dissolved Metals	Units										
Calcium	mg/L	16.4	16	16.7	12.7	12.2	15.3	15	18	17.8	11.3
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	10.7	9.9	10.4	8.31	8.02	9.62	9.49	11.5	11.2	7.71
Manganese	mg/L	0.01	0.017	0.017	0.076	0.072	0.012	0.011	0.016	0.017	
Potassium	mg/L	2.3	2 U	2 U	2 U	2 U	3.2	2.8	2	3	2 U
Sodium	mg/L	5.58	5.58	5.87	5.67	5.49	5.36	5.3	6.3	6.2	6.2
TPH	Units										
Diesel	ug/L						250 U				
Heavy Fuel Oil	ug/L						500 U				
Jet Fuel as Jet A	ug/L						250 U				
Kerosene	ug/L						250 U				
Lube Oil	ug/L						500 U				
Mineral Spirits	ug/L						250 U				
Non-PHC as Diesel	ug/L						500 U				
PHC as Diesel	ug/L						500 U				
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3
Date		4/13/99	7/21/99	7/21/99	10/5/99	10/5/99	1/13/00	1/13/00	4/18/00	4/18/00	10/4/00
		Field dup		Field dup		Field dup		Field dup		Field dup	
Phenols	Units										
Phenol	ug/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	0.2 U	
2-Chlorophenol	ug/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	0.2 U	
2,4-Dichlorophenol	ug/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	0.2 U	
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/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	0.2 U	
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Pentachlorophenol	ug/L	3.9	300	230	870	560	0.5 U	0.5 U	680	640	1100
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/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	0.2 U	
2-Nitrophenol	ug/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	0.2 U	
4-Nitrophenol	ug/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	0.5 U	
2,4-Dinitrophenol	ug/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	0.5 U	
4,6-Dinitro-2-methylphenol	ug/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	0.5 U	
4-Chloro-3-methylphenol	ug/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	0.2 U	
Total Tetrachlorophenols	ug/L										
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Acenaphthylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(b)fluoranthene	ug/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	0.2 U	
Benzo(g,h,i)perylene	ug/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	0.2 U	
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Chrysene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Fluoranthene	ug/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	0.2 U	
Fluorene	ug/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	0.2 U	
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Phenanthrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Pyrene	ug/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	0.2 U	
Total PAHs (calculated)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-A	MW-3	MW 3	GW1014	MW-3	MW-3	MW-3
Date		10/4/2000	4/5/2001	4/5/2001	10/8/2001	4/10/2002	10/25/2002	1/21/2003	4/10/2003	7/21/2003
		Field dup		Field dup						
Conventionals	Units									
Alkalinity	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L						5	5.1	7	6.6
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm						0.14	0.154	0.202	0.18
Dissolved Oxygen	mg/L						0.96	3.97	3.72	1.16
Eh	mV						421	175	349	117
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH						6.36	5.81	5.94	6.06
Sulfate	mg/L						11.2			
Sulfide	mg/L									
Temperature	C						11.1	11.1	11.3	12.24
Total Organic Carbon	mg/L									
Total Suspended Solids	mg/L	5 U	5 U	5 U	5 U	5 U	5	5 U		5 U
Turbidity	NTU									
Metals	Units									
Copper	mg/L							0.004 U	0.0214	
Iron	mg/L							0.02 U	0.02 U	
Dissolved Metals	Units									
Calcium	mg/L	11.4	0.0126	0.0126	12	11.8		12.6		12.8
Iron	mg/L	0.02 U	0.00002 U	0.00002 U	0.02 U	0.02 U	0.02 U	0.02 U		0.0069 U
Magnesium	mg/L	7.8	0.00845	0.00847	8.02	8.03	8.39	8.31		8.93
Manganese	mg/L									
Potassium	mg/L	2 U	0.0022	0.002 U	2 U	2 U	1.39 B	1.89 B		1.42 B
Sodium	mg/L	6.3	0.00551	0.00552	5.68	5.63	6	6.31		5.96
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L						340 Z	250 Z	500 Z	
Residual Range Organics	ug/L						30 U	500 U	54 U	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-6	MW-3	MW-A	MW-3	MW 3	GW1014	MW-3	MW-3	MW-3
Date		10/4/00	4/5/01	4/5/01	10/8/01	4/10/02	10/25/02	1/21/03	4/10/03	7/21/03
		Field dup		Field dup						
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L						0.33 U			
2,4-Dichlorophenol	ug/L						0.32 U			
2,6-Dichlorophenol	ug/L						0.65 U			
3,4-Dichlorophenol	ug/L						20 U	20 U		200 U
3,5-Dichlorophenol	ug/L						20 UJ	20 U		200 U
2,4,5-Trichlorophenol	ug/L						50 U	50 U		33 U
2,4,6-Trichlorophenol	ug/L						3 U	3 U	3 U	17 U
2,3,4,5-Tetrachlorophenol	ug/L								20 U	
2,3,5,6-Tetrachlorophenol	ug/L						43		110	
Pentachlorophenol	ug/L	960	1200	1200	440 J	270	780	800	1400	1800
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L						56 J	60 J		140
PAHs	Units									
2-Methylnaphthalene	ug/L						0.02 U	0.45 U	0.65	
Acenaphthene	ug/L						0.035	0.046 U	0.17	
Acenaphthylene	ug/L						0.0097 J	0.045	0.072	
Anthracene	ug/L						0.0011 U	0.02 U	0.0023 J	
Benzo(a)anthracene	ug/L						0.0021 U	0.0021 U	0.0021 U	
Benzo(a)pyrene	ug/L						0.0016 U	0.0016 U	0.0052 J	
Benzo(b)fluoranthene	ug/L						0.002 U	0.002 U	0.0056 J	
Benzo(g,h,i)perylene	ug/L						0.0037 U	0.0037 U	0.017 J	
Benzo(k)fluoranthene	ug/L						0.0014 U	0.0014 U	0.0054 J	
Chrysene	ug/L						0.02 U	0.0013 U	0.0013 U	
Dibenz(a,h)anthracene	ug/L						0.02 U	0.0017 U	0.015 J	
Fluoranthene	ug/L						0.02 U	0.0024 U	0.0024 U	
Fluorene	ug/L						0.016 J	0.12 U	0.17	
Indeno(1,2,3-cd)pyrene	ug/L						0.02 U	0.0021 U	0.012 J	
Naphthalene	ug/L						0.066	2.2	3.3	
Phenanthrene	ug/L						0.02 U	0.02 U	0.021	
Pyrene	ug/L						0.02 U	0.0023 U	0.0034 J	
Total PAHs (calculated)	ug/L						0.1267	2.245	3.7989	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		GW3003	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW3	MW-3
Date		7/21/2003	10/1/2003	2/19/2004	4/26/2004	7/21/2004	10/18/2004	1/19/05	11/4/05	2/16/06	5/22/06	8/9/06
Conventionals	Units											
Alkalinity	mg/L								56	64		
Bicarb. Alkalinity as CaCO3	mg/L											
Dissolved Bicarbonate	mg/L											
Chloride	mg/L	6.6							4.2	7.7		
Coliforms in MPN/100 mL	MPN/100 mL											
Conductivity	uMHOS/cm											
Specific Conductance	mS/cm		0.189	0.157	0.174	0.171	0.158	0.162				
Dissolved Oxygen	mg/L		3.26	4.97	1.45	1.28	8.70	13.3	4.3	2.6	2.9	2
Eh	mV		206	153	250	226	175	7	229	240	340	383
Ethane	ug/L								0.35 U	0.38 U		
Ethene	ug/L								0.55 U	0.55 U		
Ferrous Iron	mg/L								0 U	0 U		
Methane	ug/L								5.5	2.4 U		
Nitrate as Nitrogen	mg/L								0.4	1.7		
pH	PH		5.89	3.990	5.64	5.67	5.83	5.35	6.2	6.31	6.04	6.13
Sulfate	mg/L								11	14.6		
Sulfide	mg/L											
Temperature	C		12.5	11.09	12.30	11.68	11.33	11.58	10.9	10.8	11.7	11.7
Total Organic Carbon	mg/L											
Total Suspended Solids	mg/L		5 U	5 U	5 U	5 U	5 U	5 U				
Turbidity	NTU								1	220	0	0
Metals	Units											
Copper	mg/L	0.008 U										
Iron	mg/L	0.0074 U										
Dissolved Metals	Units											
Calcium	mg/L		13.3	12.1	13.5	12	11.5	13.4				
Iron	mg/L		0.006 U	0.019 U	0.006 U	0.02 U	0.02 U	0.01 U				
Magnesium	mg/L		8.48	7.97	8.49	7.56	7.27	8.44				
Manganese	mg/L											
Potassium	mg/L		1.82 B	1.34 B	1.74 B	1.34 B	0.767 B	1.29 B				
Sodium	mg/L		6.18	5.63	5.85	5.46	5.5	5.54				
TPH	Units											
Diesel	ug/L											
Heavy Fuel Oil	ug/L											
Jet Fuel as Jet A	ug/L											
Kerosene	ug/L											
Lube Oil	ug/L											
Mineral Spirits	ug/L											
Non-PHC as Diesel	ug/L											
PHC as Diesel	ug/L											
Diesel Range Organics	ug/L	770 Z										
Residual Range Organics	ug/L	54 U										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		GW3003	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW3	MW-3
Date		7/21/03	10/1/03	2/19/2004	4/26/2004	7/21/2004	10/18/2004	1/19/05	11/4/05	2/16/06	5/22/06	8/9/06
Phenols	Units											
Phenol	ug/L											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
2,6-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L		2000 U	200 U	200 U	200 U	100 U	30 U				
3,5-Dichlorophenol	ug/L		2000 U	200 U	200 U	200 U	100 UJ	65 U				
2,4,5-Trichlorophenol	ug/L		330 U	33 U	50 U	50 U	25 U	27 U				
2,4,6-Trichlorophenol	ug/L		170 U	17 U	16 U	16 U	8 U	9.6 U				
2,3,4,5-Tetrachlorophenol	ug/L											
2,3,5,6-Tetrachlorophenol	ug/L											
Pentachlorophenol	ug/L		1600	220	320	1100	2200	300	620	390	440	790
2-Methylphenol	ug/L											
4-Methylphenol	ug/L											
2,4-Dimethylphenol	ug/L											
2-Nitrophenol	ug/L			27 U	26 U	61 J	130					
4-Nitrophenol	ug/L											
2,4-Dinitrophenol	ug/L											
4,6-Dinitro-2-methylphenol	ug/L											
4-Chloro-3-methylphenol	ug/L											
Total Tetrachlorophenols	ug/L		270 U					66 U				
PAHs	Units											
2-Methylnaphthalene	ug/L	1.3							0.02 U	0.0027 U	0.99	0.079
Acenaphthene	ug/L	0.17							0.065	0.035	0.23	0.2
Acenaphthylene	ug/L	0.12							0.02 U	0.02 U	0.08	0.049
Anthracene	ug/L	0.0025 J							0.0011 U	0.0011 U	0.0011 U	0.004 U
Benzo(a)anthracene	ug/L	0.0021 U							0.0021 U	0.0021 U	0.0021 U	0.004 U
Benzo(a)pyrene	ug/L	0.0016 U							0.0016 U	0.0016 U	0.0016 U	0.004 U
Benzo(b)fluoranthene	ug/L	0.002 U							0.002 U	0.002 U	0.002 U	0.005 U
Benzo(g,h,i)perylene	ug/L	0.0037 U							0.0037 U	0.0037 U	0.0037 U	0.004 U
Benzo(k)fluoranthene	ug/L	0.0014 U							0.0014 U	0.0014 U	0.0014 U	0.005 U
Chrysene	ug/L	0.0013 U							0.0013 U	0.0013 U	0.0013 U	0.005 U
Dibenz(a,h)anthracene	ug/L	0.0017 U							0.0017 U	0.0017 U	0.0017 U	0.004 U
Fluoranthene	ug/L	0.0024 U							0.0024 U	0.0024 U	0.0024 U	0.005 U
Fluorene	ug/L	0.27							0.02 U	0.0026 U	0.21	0.11
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U							0.0021 U	0.0021 U	0.0021 U	0.003 U
Naphthalene	ug/L	5.4							0.18	0.02 U	3.6	1.2
Phenanthrene	ug/L	0.035							0.0032 U	0.0032 U	0.021	0.003 U
Pyrene	ug/L	0.0023 U							0.0023 U	0.0023 U	0.0023 U	0.005 U
Total PAHs (calculated)	ug/L	5.9975							0.245	0.035	4.141	1.559

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		8/29/1990	11/29/1994	2/16/1995	4/26/1995	8/1/1995	10/9/1995	1/10/1996	4/17/1996	7/17/1996
Conventionals	Units									
Alkalinity	mg/L		92	98	100	96	93	93	96	92
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L		92	98	100	96	93	93	96	92
Chloride	mg/L		2.5	2	2.3	2.2	2.1	2.4	2.2	5.2
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm									
Dissolved Oxygen	mg/L									
Eh	mV									
Ethane	ug/L									
Ethene	ug/L									
Ferrous Iron	mg/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH									
Sulfate	mg/L		0.9	0.5	0.5	0.5	0.5	0.7	0.7	9.2
Sulfide	mg/L									
Temperature	C									
Total Organic Carbon	mg/L		2.6	7.5	0.8	1.6	1.1	1.1	1.1	1.1
Total Suspended Solids	mg/L									
Turbidity	NTU									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L		16.8	16.4	16.8	16.2	17.3	17	16.5	17.4
Iron	mg/L		0.568	0.336	0.459	0.336	0.378	0.371	0.334	0.366
Magnesium	mg/L		8.62	8.45	8.65	8.39	8.89	8.57	8.44	8.89
Manganese	mg/L		0.148	0.149	0.148	0.136	0.143	0.136	0.133	0.138
Potassium	mg/L		3.3	3.52	2.7	2.5	3.5	3.34		4
Sodium	mg/L		6.54	5.1	6.53	6.06	6.73	6.21	6.21	6.56
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		8/29/90	11/29/94	2/16/95	4/26/95	8/1/95	10/9/95	1/10/96	4/17/96	7/17/96
Phenols	Units									
Phenol	ug/L	10 U								
2-Chlorophenol	ug/L	10 U								
2,4-Dichlorophenol	ug/L	10 U								
2,6-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L	50 U								
2,4,6-Trichlorophenol	ug/L	10 U								
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	50 U			0.6					
2-Methylphenol	ug/L	10 U								
4-Methylphenol	ug/L	10 U								
2,4-Dimethylphenol	ug/L	10 U								
2-Nitrophenol	ug/L	10 U								
4-Nitrophenol	ug/L	50 U								
2,4-Dinitrophenol	ug/L	50 U								
4,6-Dinitro-2-methylphenol	ug/L	50 U								
4-Chloro-3-methylphenol	ug/L	10 U								
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L	10 U								
Acenaphthene	ug/L	10 U								
Acenaphthylene	ug/L	10 U								
Anthracene	ug/L	10 U								
Benzo(a)anthracene	ug/L	10 U								
Benzo(a)pyrene	ug/L	10 U								
Benzo(b)fluoranthene	ug/L	10 U								
Benzo(g,h,i)perylene	ug/L	10 U								
Benzo(k)fluoranthene	ug/L	10 U								
Chrysene	ug/L	10 U								
Dibenz(a,h)anthracene	ug/L	10 U								
Fluoranthene	ug/L	10 U								
Fluorene	ug/L	10 U								
Indeno(1,2,3-cd)pyrene	ug/L	10 U								
Naphthalene	ug/L	10 U								
Phenanthrene	ug/L	10 U								
Pyrene	ug/L	10 U								
Total PAHs (calculated)	ug/L	10 U								

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		9/25/1996	1/13/1997	4/9/1997	8/6/1997	10/6/1997	1/15/1998	4/15/1998	7/15/1998	10/6/1998	1/12/1999
Conventionals	Units										
Alkalinity	mg/L	93	96	98	96	96	92	92	32	94	90
Bicarb. Alkalinity as CaCO3	mg/L						92	92	32	94	90
Dissolved Bicarbonate	mg/L	93	97	98	96	96					
Chloride	mg/L	2.2	2.3	2.2	2.3	2.1	2.4	2.3	2.3	2.5	2.3
Coliforms in MPN/100 mL	MPN/100 mL										2 U
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm										
Dissolved Oxygen	mg/L										
Eh	mV										
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
pH	PH										
Sulfate	mg/L	0.7	0.7	1	0.9	0.9	0.9		0.8		
Sulfide	mg/L							1		0.8	0.8
Temperature	C										
Total Organic Carbon	mg/L	2	1	1.7	0.6	0.5 U	2.6	3.5	1.4	1.9	0.6
Total Suspended Solids	mg/L										
Turbidity	NTU										
Metals	Units										
Copper	mg/L										
Iron	mg/L										
Dissolved Metals	Units										
Calcium	mg/L	17.2	16.2	17.7	16.9	17.2	17.1	17.2	16.6	16.8	18
Iron	mg/L	0.339	0.287	0.392	0.323	0.262	0.297	0.214	0.211	0.262	0.267
Magnesium	mg/L	8.74	8.35	9.11	8.63	8.84	8.63	8.75	8.63	8.6	9.16
Manganese	mg/L	0.136	0.128	0.142	0.134	0.027	0.134	0.136	0.13	0.132	0.139
Potassium	mg/L	2.3	4.2	4	3.2	3.2	3.2	2.8	2.78	2.04	3
Sodium	mg/L	6.45	6.56	6.52	6.24	6.5	6.41	6.56	6.28	6.49	6.77
TPH	Units										
Diesel	ug/L										
Heavy Fuel Oil	ug/L										
Jet Fuel as Jet A	ug/L										
Kerosene	ug/L										
Lube Oil	ug/L										
Mineral Spirits	ug/L										
Non-PHC as Diesel	ug/L										
PHC as Diesel	ug/L										
Diesel Range Organics	ug/L										
Residual Range Organics	ug/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		9/25/96	1/13/97	4/9/97	8/6/97	10/6/97	1/15/98	4/15/98	7/15/98	10/6/98	1/12/99
Phenols	Units										
Phenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
2-Chlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
2,4-Dichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L										
3,5-Dichlorophenol	ug/L										
2,4,5-Trichlorophenol	ug/L										
2,4,6-Trichlorophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Pentachlorophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	
2-Methylphenol	ug/L										
4-Methylphenol	ug/L										
2,4-Dimethylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
2-Nitrophenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
4-Nitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	
2,4-Dinitrophenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	
4,6-Dinitro-2-methylphenol	ug/L						0.5 U	0.5 U	0.5 U	0.5 U	
4-Chloro-3-methylphenol	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Total Tetrachlorophenols	ug/L										
PAHs	Units										
2-Methylnaphthalene	ug/L										
Acenaphthene	ug/L						1 U	1 U	1 U	1 U	
Acenaphthylene	ug/L						1 U	1 U	1 U	1 U	
Anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(b)fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Benzo(g,h,i)perylene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Benzo(k)fluoranthene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Chrysene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Dibenz(a,h)anthracene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Fluoranthene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Fluorene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Indeno(1,2,3-cd)pyrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Naphthalene	ug/L						1 U	1 U	1 U	1 U	
Phenanthrene	ug/L						0.1 U	0.1 U	0.1 U	0.1 U	
Pyrene	ug/L						0.2 U	0.2 U	0.2 U	0.2 U	
Total PAHs (calculated)	ug/L						1 U	1 U	1 U	1 U	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		1/21/1999	4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/18/2000	10/4/2000
Conventionals	Units							
Alkalinity	mg/L		90	96	97	118	96	
Bicarb. Alkalinity as CaCO3	mg/L		90	96	97	118	96	
Dissolved Bicarbonate	mg/L							
Chloride	mg/L		2.5	2.4	2.2	2.3	2.2	
Coliforms in MPN/100 mL	MPN/100 mL							
Conductivity	uMHOS/cm						151	
Specific Conductance	mS/cm							
Dissolved Oxygen	mg/L							
Eh	mV							
Ethane	ug/L							
Ethene	ug/L							
Ferrous Iron	mg/L							
Methane	ug/L							
Nitrate as Nitrogen	mg/L							
pH	PH						7.68	
Sulfate	mg/L		0.9			0.8	0.9	
Sulfide	mg/L			0.8	0.8			
Temperature	C							
Total Organic Carbon	mg/L		1.2	0.7	1.8	0.7	0.5 U	
Total Suspended Solids	mg/L					168		64
Turbidity	NTU							
Metals	Units							
Copper	mg/L							
Iron	mg/L							
Dissolved Metals	Units							
Calcium	mg/L		16.7	17.4	16.6	16.5	18.3	17
Iron	mg/L		0.23	0.27	0.258	0.27	0.28	0.25
Magnesium	mg/L		8.9	8.74	8.62	8.35	9.26	8.78
Manganese	mg/L		0.134	0.132	0.13	0.124	0.139	
Potassium	mg/L		3.7	3.2	2.3	4.1	4	3
Sodium	mg/L		6.12	6.41	6.73	6.14	6.9	6.8
TPH	Units							
Diesel	ug/L							
Heavy Fuel Oil	ug/L							
Jet Fuel as Jet A	ug/L							
Kerosene	ug/L							
Lube Oil	ug/L							
Mineral Spirits	ug/L							
Non-PHC as Diesel	ug/L							
PHC as Diesel	ug/L							
Diesel Range Organics	ug/L							
Residual Range Organics	ug/L							

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample ID		MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Date		1/21/99	4/13/99	7/21/99	10/5/99	1/11/00	4/18/00	10/4/00
Phenols	Units							
Phenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
2-Chlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
2,4-Dichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
2,6-Dichlorophenol	ug/L							
3,4-Dichlorophenol	ug/L							
3,5-Dichlorophenol	ug/L							
2,4,5-Trichlorophenol	ug/L							
2,4,6-Trichlorophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
2,3,4,5-Tetrachlorophenol	ug/L							
2,3,5,6-Tetrachlorophenol	ug/L							
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Methylphenol	ug/L							
4-Methylphenol	ug/L							
2,4-Dimethylphenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
2-Nitrophenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
4-Nitrophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
2,4-Dinitrophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
4,6-Dinitro-2-methylphenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
4-Chloro-3-methylphenol	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Total Tetrachlorophenols	ug/L							
PAHs	Units							
2-Methylnaphthalene	ug/L							
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
Acenaphthylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Chrysene	ug/L	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
Phenanthrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Pyrene	ug/L	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Total PAHs (calculated)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
Sample ID		GW1012	GW1013	GW2001	MW-10	GW3001	GW-4001	MW-10	MW-10	GW04101	MW-10
Date		10/25/02	10/25/02 Field dup	1/21/03	7/17/03	7/17/03	9/29/03	9/29/03	2/13/04	2/13/04	4/14/04
Conventionals	Units										
Alkalinity	mg/L										
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L	9		7		8.8	134			5	
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm	0.196		0.162		0.188	0.663			0.128	
Dissolved Oxygen	mg/L	11.9		6.01		12.9	8.86			12.950	
Eh	mV	368		225		212	221			209.00	
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
Nitrate+Nitrite as Nitrogen	mg/L	4.8									
Nitrite as Nitrogen	mg/L										
pH	PH	6.39		5.41		6.14	5.77			2.3	
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L	15		5 U	5			7	5 U		5
Sulfate	mg/L	14									
Tannin and Lignin	mg/L										
Temperature	C	14.9		13.2		15.04	14.92			13.03	
Turbidity	NTU										
Metals	Units										
Copper	mg/L			0.004 U		0.008 U	0.005 U			0.008 UJ	
Iron	mg/L			0.0573		0.0139 U	0.38			0.0246	
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L				12.3			28.4	10		9.55
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L	0.397			0.0063 B			0.006 U	0.0081 U		0.006 U
Magnesium, Dissolved	mg/L				7.76			17.8	4.58		5.53
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L				1.47 B			3.28	1.4 B		1.15 B
Sodium, Dissolved	mg/L				7.34			62.1	6.33		6.05
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
Sample ID		GW1012	GW1013	GW2001	MW-10	GW3001	GW-4001	MW-10	MW-10	GW04101	MW-10
Date		10/25/02	10/25/02 Field dup	01/21/03	07/17/03	07/17/03	09/29/03	09/29/03	02/13/04	02/13/04	04/14/04
TPH	Units										
Diesel Range Organics	ug/L	45 U		45 U		36 U	36 U			36 U	
Residual Range Organics	ug/L	30 U		500 U		54 U	54 U			54 U	
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L	0.33 U	0.32 U								
2,4-Dichlorophenol	ug/L	0.31 U	0.3 U								
2,6-Dichlorophenol	ug/L	0.64 U	0.61 U								
3,4-Dichlorophenol	ug/L	0.2 U		0.2 U	0.2 U			2 U	2 U		2 U
3,5-Dichlorophenol	ug/L	0.2 UJ		0.2 U	0.2 U			2 U	2 U		2 U
2,4,5-Trichlorophenol	ug/L	0.5 U	0.39 U	0.5 U	1.9 Ui			0.33 U	0.33 U		0.5 U
2,4,6-Trichlorophenol	ug/L	0.03 U	0.21 U	0.03 U	0.5 U			0.17 U	0.17 U		0.16 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L	0.64 U	0.61 U								
Tetrachlorophenols, Total	ug/L	0.4 U		0.4 U	0.58 J			0.27 U	0.27 U		0.26 U
Pentachlorophenol (PCP)	ug/L	0.31 J	2.5 U	0.06 U	0.5 U			0.12 U	0.12 U		0.095 U
PAHs	Units										
2-Methylnaphthalene	ug/L	0.027	0.24 U	0.02 U		0.011 J	0.041			0.02 U	
Acenaphthene	ug/L	0.002 U	0.29 U	0.002 U		0.002 U	0.002 U			0.002 U	
Acenaphthylene	ug/L	0.0018 U	0.24 U	0.0018 U		0.0018 U	0.0018 U			0.029 U	
Anthracene	ug/L	0.002 J	0.62 U	0.02 U		0.0014 J	0.0013 J			0.02 U	
Benz(a)anthracene	ug/L	0.0032 J	0.6 U	0.0021 U		0.0021 U	0.0021 U			0.0025 J	
Benzo(a)pyrene	ug/L	0.0016 U	0.66 U	0.0016 U		0.0016 U	0.0016 U			0.0034 J	
Benzo(b)fluoranthene	ug/L	0.0026 J	0.59 U	0.002 U		0.002 U	0.002 U			0.0037 J	
Benzo(g,h,i)perylene	ug/L	0.0037 U	0.82 U	0.0037 U		0.0037 U	0.0037 U			0.0037 U	
Benzo(k)fluoranthene	ug/L	0.0018 J	0.83 U	0.0014 U		0.0014 U	0.0014 U			0.02 U	
Chrysene	ug/L	0.02 U	0.79 U	0.0013 U		0.0013 U	0.0013 U			0.0038 J	
Dibenz(a,h)anthracene	ug/L	0.0017 U	0.76 U	0.0017 U		0.0017 U	0.0017 U			0.0026 J	
Fluoranthene	ug/L	0.02 U	0.66 U	0.0024 U		0.0024 U	0.0024 U			0.0051 J	
Fluorene	ug/L	0.0038 J	0.33 U	0.0026 U		0.0026 U	0.0026 J			0.0026 U	
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U	0.69 U	0.0021 U		0.0021 U	0.0021 U			0.0032 J	
Naphthalene	ug/L	0.02 J	0.37 U	0.02 U		0.01 J	0.019 U			0.02 U	
Phenanthrene	ug/L	0.02 U	0.49 U	0.02 U		0.0032 U	0.0032 U			0.0032 U	
Pyrene	ug/L	0.02 U	0.74 U	0.0023 U		0.0023 U	0.0023 U			0.02 U	
Total PAHs (calculated)	ug/L	0.0334	0.83 U	0.02 U		0.0114	0.0039			0.0243	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11
Sample ID		GW04201	MW-10	GW04302	MW-10	GW04401	GW05100	MW-10	MW-10	MW-10	GW1007	GW2002
Date		4/14/04	7/19/04	7/19/04	10/12/04	10/12/04	1/12/05	1/12/05	11/4/05	2/15/06	10/23/02	1/20/03
Conventionals	Units											
Alkalinity	mg/L								26	36		
Ammonia as Nitrogen	mg/L											
Carbon, Total Organic (TOC)	mg/L											
Chemical Oxygen Demand (COD)	mg/L											
Chloride	mg/L	5.5		4.6		4	7.4		7	6.9	3.7	4.9
Coliform, Total	MPN/100 mL											
Conductivity	uMHOS/cm											
Specific Conductance	mS/cm	0.14		0.133		0.131	0.14				0.178	0.12
Dissolved Oxygen	mg/L	4.26		4.07		4.44	8.08		5.00	5.90	8.5	9.22
Eh	mV	245		237		193	3		226	210	405	246
Ethane	ug/L								0.35 U	0.38 U		
Ethene	ug/L								0.55 U	0.55 U		
Ferrous Iron	mg/L								0 U	0.07		
Methane	ug/L								0.72 U	0.3 U		
Nitrate as Nitrogen	mg/L								5.6	2.9		
Nitrate+Nitrite as Nitrogen	mg/L										0.5	
Nitrite as Nitrogen	mg/L											
pH	PH	4.84		5.89		5.50	4.83		6.00	6.05	6.46	6.13
Solids, Total Dissolved (TDS)	mg/L											
Solids, Total Suspended (TSS)	mg/L		41		27			5 U			46	5 U
Sulfate	mg/L								10.4	12.6	7.1	
Tannin and Lignin	mg/L											
Temperature	C	12.73		13.34		13.19	12.83		11.30	12.3	10.5	9.6
Turbidity	NTU								35.0	74		
Metals	Units											
Copper	mg/L	0.005 U		0.004 UJ		0.007 U	0.004 U					0.008 U
Iron	mg/L	0.359		2.34		0.871	0.0634					0.158
Dissolved Metals												
Arsenic, Dissolved	mg/L											
Barium, Dissolved	mg/L											
Cadmium, Dissolved	mg/L											
Calcium, Dissolved	mg/L		7.57		8.19			10.4				
Copper, Dissolved	mg/L											
Iron, Dissolved	mg/L		0.02 U		0.02 U			0.02 U			1.48 J	
Magnesium, Dissolved	mg/L		4.73		5.13			5.08				
Manganese, Dissolved	mg/L											
Nickel, Dissolved	mg/L											
Potassium, Dissolved	mg/L		1.05 B		1.18 B			1.92 B				
Sodium, Dissolved	mg/L		6.1		6.99			7.19				
Zinc, Dissolved	mg/L											

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11
Sample ID		GW04201	MW-10	GW04302	MW-10	GW04401	GW05100	MW-10	MW-10	MW-10	GW1007	GW2002
Date		04/14/04	07/19/04	07/19/04	10/12/04	10/12/04	01/12/05	01/12/05	11/04/05	02/15/06	10/23/02	01/20/03
TPH	Units											
Diesel Range Organics	ug/L	36 U		36 U		36 U	19 U				49 U	45 U
Residual Range Organics	ug/L	54 U		54 U		54 U	28 U				33 U	30 U
Chlorinated Phenols	Units											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
2,6-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L		2 U		2 U			2 U			0.2 U	0.2 U
3,5-Dichlorophenol	ug/L		2 U		2 U			2 U			0.2 U	0.2 U
2,4,5-Trichlorophenol	ug/L		0.5 U		0.5 U			0.5 U			0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L		0.16 U		0.16 U			0.16 U			0.03 UJ	0.03 U
2,3,4,5-Tetrachlorophenol	ug/L											
2,3,5,6-Tetrachlorophenol	ug/L											
Tetrachlorophenols, Total	ug/L		0.26 U		0.26 U			0.26 U			0.4 U	0.4 U
Pentachlorophenol (PCP)	ug/L		0.5 U		0.095 U			0.095 U			0.35 J	0.06 U
PAHs	Units											
2-Methylnaphthalene	ug/L	0.014 J		0.02 U		0.0068 J	0.02 U				0.014 J	0.016 J
Acenaphthene	ug/L	0.0024 U		0.02 U		0.0042 U	0.0042 U				0.0021 U	0.002 U
Acenaphthylene	ug/L	0.0011 U		0.0037 Ui		0.0031 U	0.0075 J				0.0019 U	0.0018 U
Anthracene	ug/L	0.0065 J		0.02 U		0.0045 J	0.0039 U				0.0011 U	0.0012 J
Benz(a)anthracene	ug/L	0.0022 U		0.0022 U		0.004 U	0.004 U				0.0022 U	0.0021 U
Benzo(a)pyrene	ug/L	0.0013 U		0.0019 J		0.0041 U	0.0041 U				0.0017 U	0.0016 U
Benzo(b)fluoranthene	ug/L	0.002 U		0.002 U		0.0048 U	0.0048 U				0.002 U	0.002 U
Benzo(g,h,i)perylene	ug/L	0.0033 U		0.0051 J		0.0041 U	0.0041 U				0.0038 U	0.006 J
Benzo(k)fluoranthene	ug/L	0.0036 U		0.0036 U		0.0041 U	0.0041 U				0.0014 U	0.0014 U
Chrysene	ug/L	0.0028 U		0.0028 U		0.0036 U	0.0036 U				0.0015 J	0.02 U
Dibenz(a,h)anthracene	ug/L	0.0028 U		0.0028 U		0.0066 U	0.0066 U				0.0017 U	0.0043 J
Fluoranthene	ug/L	0.003 U		0.02 J		0.0042 U	0.0042 U				0.0025 U	0.0024 U
Fluorene	ug/L	0.0024 U		0.02 U		0.0051 U	0.0051 U				0.0027 U	0.004 J
Indeno(1,2,3-cd)pyrene	ug/L	0.0015 U		0.0015 U		0.0038 U	0.0038 U				0.0022 U	0.0042 J
Naphthalene	ug/L	0.013 J		0.02 U		0.01 J	0.02 U				0.0075 J	0.014 J
Phenanthrene	ug/L	0.0042 J		0.02 U		0.0038 U	0.0038 U				0.0033 U	0.0036 J
Pyrene	ug/L	0.0024 U		0.065		0.0037 U	0.0037 U				0.0023 U	0.0023 U
Total PAHs (calculated)	ug/L	0.0237		0.092		0.0145	0.0075				0.009	0.0373

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-11	MW-11	MW-11	MW-13	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW3002	MW-11	MW-11	GW1017	GW1002	GW2005	GW1003	GW1004	GW2006	GW3006	MW-15
Date		4/9/03	11/4/05	2/15/06	10/25/02	10/22/02	1/16/03	10/22/02	10/22/02 Field dup	1/21/03	4/10/03	7/24/03
Conventionals	Units											
Alkalinity	mg/L		68	62								
Ammonia as Nitrogen	mg/L											
Carbon, Total Organic (TOC)	mg/L											
Chemical Oxygen Demand (COD)	mg/L											
Chloride	mg/L	3.6	3.4	3.1			4.3	8.4		10	10	
Coliform, Total	MPN/100 mL											
Conductivity	uMHOS/cm											
Specific Conductance	mS/cm	0.156			0.153	0.107	0.086	0.117		0.169	0.205	
Dissolved Oxygen	mg/L	9	5.70	7.00	10.59	11.9	9.7	14.94		6.75	8.17	
Eh	mV	292	187	137	243	310	198	267		206	303	
Ethane	ug/L		0.35 U	0.38 U								
Ethene	ug/L		0.55 U	0.55 U								
Ferrous Iron	mg/L		0 U	0.09								
Methane	ug/L		0.58 U	0.3 U								
Nitrate as Nitrogen	mg/L		0.6	1.7				0.9				
Nitrate+Nitrite as Nitrogen	mg/L											
Nitrite as Nitrogen	mg/L							0.07 J				
pH	PH	6.12	6.4	6.74	7.06	6.3	5.75	6.28		5.55	6.07	
Solids, Total Dissolved (TDS)	mg/L											
Solids, Total Suspended (TSS)	mg/L				5		11	9		5 U		5 U
Sulfate	mg/L		7.5	14.9				15				
Tannin and Lignin	mg/L											
Temperature	C	8.9	11.1	9.7	10.6	10.2	10	12		11.3	11.7	
Turbidity	NTU		7.0	190								
Metals	Units											
Copper	mg/L	0.006 B					0.004 U			0.004 U	0.0062 B	
Iron	mg/L	0.264					2.05			0.298	0.221	
Dissolved Metals												
Arsenic, Dissolved	mg/L											
Barium, Dissolved	mg/L											
Cadmium, Dissolved	mg/L											
Calcium, Dissolved	mg/L											13.9
Copper, Dissolved	mg/L											
Iron, Dissolved	mg/L							0.693 J				0.0134 B
Magnesium, Dissolved	mg/L											9.32
Manganese, Dissolved	mg/L											
Nickel, Dissolved	mg/L											
Potassium, Dissolved	mg/L											1.19 B
Sodium, Dissolved	mg/L											5.84
Zinc, Dissolved	mg/L											

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-11	MW-11	MW-11	MW-13	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW3002	MW-11	MW-11	GW1017	GW1002	GW2005	GW1003	GW1004	GW2006	GW3006	MW-15
Date		04/09/03	11/04/05	02/15/06	10/25/02	10/22/02	01/16/03	10/22/02	10/22/02	01/21/03	04/10/03	07/24/03
									Field dup			
TPH	Units											
Diesel Range Organics	ug/L	36 U			3700 Z		67 J			170 J	72 J	
Residual Range Organics	ug/L	54 U			66 J		30 U			30 U	54 U	
Chlorinated Phenols	Units											
2-Chlorophenol	ug/L											
2,4-Dichlorophenol	ug/L											
2,6-Dichlorophenol	ug/L											
3,4-Dichlorophenol	ug/L				2000 U	2 Ui	0.2 U		2 U	20 U		40 U
3,5-Dichlorophenol	ug/L				2000 UJ	0.2 U	0.2 U		2 U	20 U		40 U
2,4,5-Trichlorophenol	ug/L				5000 U	0.5 U	0.5 UJ		5 U	50 U		6.6 U
2,4,6-Trichlorophenol	ug/L	0.03 U			300 U	0.03 UJ	0.03 U		0.3 UJ	3 U	0.6 U	3.4 U
2,3,4,5-Tetrachlorophenol	ug/L	0.2 U									4 U	
2,3,5,6-Tetrachlorophenol	ug/L	0.2 U									12	
Tetrachlorophenols, Total	ug/L				4000 U	0.4 U	0.4 U		11	40 U		11 J
Pentachlorophenol (PCP)	ug/L	0.06 U			19000	0.06 U	0.06 U		530	660	320	290
PAHs	Units											
2-Methylnaphthalene	ug/L	0.011 J			0.021 U	0.0037 J	0.02 J	0.0048 J	0.0027 U	0.02 U	0.014 J	
Acenaphthene	ug/L	0.002 U			9.6	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.0029 J	
Acenaphthylene	ug/L	0.0018 U			0.5	0.0018 U	0.0018 U	0.02 U	0.02 U	0.02 U	0.0035 J	
Anthracene	ug/L	0.0011 U			1.2 J	0.0011 U	0.0018 J	0.02 U	0.02 U	0.02 U	0.0011 U	
Benz(a)anthracene	ug/L	0.0021 U			0.1	0.0082 J	0.0021 U	0.0021 U	0.01 J	0.0021 U	0.0021 U	
Benzo(a)pyrene	ug/L	0.0016 U			0.021 J	0.0019 J	0.0031 J	0.0016 U	0.025 J	0.0036 J	0.0016 U	
Benzo(b)fluoranthene	ug/L	0.002 U			0.026	0.0042 J	0.003 J	0.0024 J	0.056 J	0.0028 J	0.002 U	
Benzo(g,h,i)perylene	ug/L	0.0037 U			0.0065 J	0.0037 U	0.0072 J	0.0037 U	0.012 J	0.0097 J	0.0037 U	
Benzo(k)fluoranthene	ug/L	0.0014 U			0.018 J	0.0033 J	0.0029 J	0.0014 U	0.0014 U	0.0022 J	0.0014 U	
Chrysene	ug/L	0.0013 U			0.1	0.0057 J	0.02 U	0.0013 U	0.013 J	0.02 U	0.0013 U	
Dibenz(a,h)anthracene	ug/L	0.0019 J			0.021 U	0.0026 J	0.0058 J	0.0017 U	0.0026 J	0.0093 J	0.0017 U	
Fluoranthene	ug/L	0.0024 U			0.77	0.0031 J	0.02 U	0.0024 U	0.023	0.0024 U	0.0024 U	
Fluorene	ug/L	0.0026 U			8.7	0.0026 U	0.0044 J	0.0026 U	0.0026 U	0.0026 U	0.0026 U	
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U			0.021 U	0.0025 J	0.0057 J	0.0021 U	0.012 J	0.008 J	0.0021 U	
Naphthalene	ug/L	0.0084 J			0.053	0.0037 J	0.02 U	0.012 J	0.0045 J	0.047 U	0.044	
Phenanthrene	ug/L	0.0032 U			4.7	0.0032 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0032 U	
Pyrene	ug/L	0.0023 U			0.61	0.0036 J	0.02 U	0.0023 U	0.015 J	0.0023 U	0.0023 U	
Total PAHs (calculated)	ug/L	0.0103			26.4045	0.0388	0.0339	0.0144	0.1731	0.0356	0.0504	

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW3006	GW4006	MW-15	MW-A	MW-15	MW-A	GW04102	GW04103	MW-15	MW-A
Date		7/24/03	10/1/03	10/1/03	10/1/03 Field dup	2/19/04	2/19/04 Field dup	2/19/04	2/19/04 Field dup	4/27/04	4/27/04 Field dup
Conventionals	Units										
Alkalinity	mg/L										
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L	8.4	6.9					7.4	7.1		
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm	0.199	0.199					0.18			
Dissolved Oxygen	mg/L	1.52	2.65					6			
Eh	mV	227	206					172			
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH	5.83	5.58					3.66			
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L			14	17	5 U	5 U			5 U	5 U
Sulfate	mg/L										
Tannin and Lignin	mg/L										
Temperature	C	13.79	12.59					11.65			
Turbidity	NTU										
Metals	Units										
Copper	mg/L	0.0061 BN	0.005 U					0.008 U	0.008 U		
Iron	mg/L	0.0511	0.688					0.226	0.248		
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L			14.4	14.3	13.8	13.6			13.9	14
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L			0.0218 U	0.0185 U	0.0214 U	0.0202 U			0.0095 B	0.0316
Magnesium, Dissolved	mg/L			9.86	9.83	9.67	9.53			9.15	9.22
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L			1.31 B	1.74 B	1.15 B	1.13 B			1.02 B	1.42 B
Sodium, Dissolved	mg/L			6.15	6.2	6.08	5.98			6	6.08
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW3006	GW4006	MW-15	MW-A	MW-15	MW-A	GW04102	GW04103	MW-15	MW-A
Date		07/24/03	10/01/03	10/01/03	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	04/27/04	04/27/04
					Field dup		Field dup		Field dup		Field dup
TPH	Units										
Diesel Range Organics	ug/L	54 J	89 J					170 J	190 J		
Residual Range Organics	ug/L	54 U	54 U					500 U	500 U		
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L			40 U	40 U	200 U	200 U			200 U	200 U
3,5-Dichlorophenol	ug/L			40 U	40 U	200 U	200 U			200 U	200 U
2,4,5-Trichlorophenol	ug/L			6.6 U	6.6 U	33 U	33 U			50 U	50 U
2,4,6-Trichlorophenol	ug/L			3.4 U	3.4 U	17 U	17 U			16 U	16 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L			20	21	27 U	27 U			26 U	26 U
Pentachlorophenol (PCP)	ug/L			620	670	620	700			680	730
PAHs	Units										
2-Methylnaphthalene	ug/L	0.0056 J	0.0027 U					0.02 U	0.02 U		
Acenaphthene	ug/L	0.002 U	0.002 U					0.02 U	0.02 U		
Acenaphthylene	ug/L	0.0018 U	0.0018 U					0.02 U	0.02 U		
Anthracene	ug/L	0.0011 U	0.027					0.02 U	0.02 U		
Benz(a)anthracene	ug/L	0.0021 U	0.0021 U					0.02 U	0.02 U		
Benzo(a)pyrene	ug/L	0.0016 U	0.0016 U					0.02 U	0.02 U		
Benzo(b)fluoranthene	ug/L	0.002 U	0.002 U					0.02 U	0.02 U		
Benzo(g,h,i)perylene	ug/L	0.0037 U	0.0037 U					0.0038 J	0.0066 J		
Benzo(k)fluoranthene	ug/L	0.0014 U	0.0014 U					0.02 U	0.02 U		
Chrysene	ug/L	0.0013 U	0.0013 U					0.02 U	0.02 U		
Dibenz(a,h)anthracene	ug/L	0.0017 U	0.0017 U					0.0029 J	0.0042 J		
Fluoranthene	ug/L	0.0054 J	0.0024 U					0.02 U	0.02 U		
Fluorene	ug/L	0.0026 U	0.0026 U					0.02 U	0.02 U		
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U	0.0021 U					0.02 U	0.02 U		
Naphthalene	ug/L	0.036	0.0076 J					0.11	0.13		
Phenanthrene	ug/L	0.0032 U	0.0032 U					0.02 U	0.02 U		
Pyrene	ug/L	0.0035 J	0.0023 U					0.02 U	0.02 U		
Total PAHs (calculated)	ug/L	0.0449	0.0346					0.1167	0.1408		

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW04207	GW04206	MW-15	MW-A	GW04306	GW04307	MW-15	MW-A	GW04402	GW04406
Date		4/27/04	4/27/04	7/21/04	7/21/04	7/21/04	7/21/04	10/18/04	10/18/04	10/18/04	10/18/04
			Field dup		Field dup		Field dup		Field dup		Field dup
Conventionals	Units										
Alkalinity	mg/L										
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L	5.5	5.4			5.9	5.9			9.5	9.5
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm		0.177			0.191				0.209	
Dissolved Oxygen	mg/L		0.90			0.83				2.36	
Eh	mV		215			236				136	
Ethane	ug/L										
Ethene	ug/L										
Ferrous Iron	mg/L										
Methane	ug/L										
Nitrate as Nitrogen	mg/L										
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH		5.47			5.45				5.57	
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L			5 U	5 U			24	23		
Sulfate	mg/L										
Tannin and Lignin	mg/L										
Temperature	C		11.65			12.19				12.23	
Turbidity	NTU										
Metals	Units										
Copper	mg/L	0.005 U	0.005 U			0.004 UJ	0.004 UJ			0.0052 U	0.004 U
Iron	mg/L	0.116	0.131			0.0798	0.108			1.22	1.41
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L			13	13.3			15.3	15.2		
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L			0.02 U	0.02 U			0.02 U	0.02 U		
Magnesium, Dissolved	mg/L			8.57	8.82			10.3	10.2		
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L			1.77 B	1.63 B			1.37 B	1.2 B		
Sodium, Dissolved	mg/L			5.6	5.71			6.22	6.16		
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID		GW04207	GW04206	MW-15	MW-A	GW04306	GW04307	MW-15	MW-A	GW04402	GW04406
Date		04/27/04	04/27/04	07/21/04	07/21/04	07/21/04	07/21/04	10/18/04	10/18/04	10/18/04	10/18/04
			Field dup		Field dup		Field dup		Field dup		Field dup
TPH	Units										
Diesel Range Organics	ug/L	290 Z	300 Z			320 Z	300 Z			200 J	200 J
Residual Range Organics	ug/L	54 U	54 U			54 U	54 U			54 U	54 U
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L			200 U	40 U	200 U	200 U	40 U	40 U	40 U	40 U
3,5-Dichlorophenol	ug/L			200 U	40 U	200 U	200 U	40 UJ	40 UJ	40 UJ	40 UJ
2,4,5-Trichlorophenol	ug/L			50 U	10 U	50 U	50 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L			16 U	3.2 U	16 U	16 U	3.2 U	3.2 U	3.2 U	3.2 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L			26 U	21	26 U	26 U	21	22	20 J	20 J
Pentachlorophenol (PCP)	ug/L			720	720	790	690	580	570	530	540
PAHs	Units										
2-Methylnaphthalene	ug/L	0.0038 U	0.0038 U			0.006 J	0.0038 U			0.02 U	0.02 U
Acenaphthene	ug/L	0.0024 U	0.0024 U			0.0024 U	0.0024 U			0.0042 U	0.0042 U
Acenaphthylene	ug/L	0.0034 J	0.0011 U			0.0088 J	0.0058 J			0.041 UJ	0.027 UJ
Anthracene	ug/L	0.0022 U	0.0022 U			0.0022 U	0.0022 U			0.047 UJ	0.025 UJ
Benz(a)anthracene	ug/L	0.0022 U	0.0022 U			0.0022 U	0.0022 U			0.004 U	0.004 U
Benzo(a)pyrene	ug/L	0.0013 U	0.0013 U			0.0013 U	0.0013 U			0.0041 U	0.0041 U
Benzo(b)fluoranthene	ug/L	0.002 U	0.002 U			0.002 U	0.002 U			0.0048 U	0.0048 U
Benzo(g,h,i)perylene	ug/L	0.0033 U	0.0033 U			0.0033 U	0.0033 U			0.0074 J	0.0041 U
Benzo(k)fluoranthene	ug/L	0.0036 U	0.0036 U			0.0036 U	0.0036 U			0.0041 U	0.0041 U
Chrysene	ug/L	0.0028 U	0.0028 U			0.0028 U	0.0028 U			0.0036 U	0.0036 U
Dibenz(a,h)anthracene	ug/L	0.0028 U	0.0028 U			0.0028 U	0.0028 U			0.0066 U	0.0066 U
Fluoranthene	ug/L	0.003 U	0.003 U			0.003 U	0.003 U			0.0042 U	0.0042 U
Fluorene	ug/L	0.0024 U	0.0024 U			0.0024 U	0.0024 U			0.02 U	0.02 U
Indeno(1,2,3-cd)pyrene	ug/L	0.0015 U	0.0015 U			0.0015 U	0.0015 U			0.0038 U	0.0038 U
Naphthalene	ug/L	0.018 U	0.012 U			0.11 J	0.06 J			0.12 U	0.16 U
Phenanthrene	ug/L	0.0028 U	0.0028 U			0.0028 U	0.0028 U			0.0041 J	0.004 J
Pyrene	ug/L	0.0024 U	0.0024 U			0.0081 J	0.0024 U			0.0037 U	0.0037 U
Total PAHs (calculated)	ug/L	0.0034	0.012 U			0.1269	0.0658			0.0115	0.004

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-16	MW-16
Sample ID		MW-15	MW-B	GW05104	GW05106	MW-15	MW-15	MW15	MW-15	GW04104	GW04202
Date		1/19/05	1/19/05 Field dup	1/19/05	1/19/05 Field dup	11/4/05	2/16/06	5/22/06	8/9/06	2/18/04	4/15/04
Conventionals	Units										
Alkalinity	mg/L					51	70				
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L			7.5	7.5	9.6	7.8			3.8	5.7
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm			0.194						0.204	0.229
Dissolved Oxygen	mg/L			4.16		3.20	9.90	8.00	5.80	10.10	4.19
Eh	mV			7		219	225	199	370	161.00	206
Ethane	ug/L					0.35 U	0.38 U				
Ethene	ug/L					0.55 U	0.55 U				
Ferrous Iron	mg/L					0 U	0.05				
Methane	ug/L					0.3 U	2.7 U				
Nitrate as Nitrogen	mg/L					1.6	1				
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH			4.99		6	6.16	6.05	5.92	3.650	5.62
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L	5 U	5 U							5 U	5 U
Sulfate	mg/L					16.9	21.3				
Tannin and Lignin	mg/L										
Temperature	C			11.94		11.2	11.2	11.6	12.1	11.12	11.42
Turbidity	NTU					30.0	250	340	0		
Metals	Units										
Copper	mg/L			0.007 U	0.007 U					0.008 U	0.005 U
Iron	mg/L			0.432	0.313					0.193	0.255
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L	16.2	16.2								
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L	0.01 U	0.01 U								
Magnesium, Dissolved	mg/L	10.7	10.7								
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L	1.21 B	1.21 B								
Sodium, Dissolved	mg/L	6.44	6.47								
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-16	MW-16
Sample ID		MW-15	MW-B	GW05104	GW05106	MW-15	MW-15	MW15	MW-15	GW04104	GW04202
Date		01/19/05	01/19/05	01/19/05	01/19/05	11/04/05	02/16/06	05/22/06	08/09/06	02/18/04	04/15/04
			Field dup		Field dup						
TPH	Units										
Diesel Range Organics	ug/L			150 J	160 J					36 U	36 U
Residual Range Organics	ug/L			28 U	28 U					500 U	54 U
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L	30 U	30 U							2 U	2 U
3,5-Dichlorophenol	ug/L	65 U	65 U							2 U	2 U
2,4,5-Trichlorophenol	ug/L	27 U	27 U							0.33 U	0.5 U
2,4,6-Trichlorophenol	ug/L	9.6 U	9.6 U							0.17 U	0.16 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L	66 U	66 U							0.27 U	0.26 U
Pentachlorophenol (PCP)	ug/L	490	510			380	230	95	100	0.12 U	0.095 U
PAHs	Units										
2-Methylnaphthalene	ug/L			0.007 J	0.0049 J	0.02 UJ	0.02 U	0.033 U	0.0042 U	0.02 U	0.0072 J
Acenaphthene	ug/L			0.0042 U	0.0042 U	0.002 UJ	0.002 U	0.002 U	0.0031 U	0.002 U	0.0024 UJ
Acenaphthylene	ug/L			0.02 U	0.02 U	0.02 UJ	0.02 U	0.0071 J	0.0023 U	0.0018 U	0.0011 UJ
Anthracene	ug/L			0.019 J	0.015 J	0.0011 UJ	0.0011 U	0.0011 U	0.0039 U	0.02 U	0.0022 J
Benz(a)anthracene	ug/L			0.004 U	0.0047 J	0.0021 UJ	0.0021 U	0.0021 U	0.0039 U	0.0021 U	0.0022 UJ
Benzo(a)pyrene	ug/L			0.0041 U	0.0041 U	0.0016 UJ	0.0016 U	0.0016 U	0.0043 U	0.0016 U	0.0013 UJ
Benzo(b)fluoranthene	ug/L			0.0048 U	0.0048 U	0.002 UJ	0.002 U	0.002 U	0.0046 U	0.002 U	0.002 UJ
Benzo(g,h,i)perylene	ug/L			0.0041 U	0.0041 U	0.0037 UJ	0.0037 U	0.0037 U	0.0041 U	0.0037 U	0.0033 UJ
Benzo(k)fluoranthene	ug/L			0.0041 U	0.0041 U	0.0014 UJ	0.0014 U	0.0014 U	0.0051 U	0.02 U	0.0036 UJ
Chrysene	ug/L			0.0036 U	0.0036 U	0.0013 UJ	0.0013 U	0.0013 U	0.0053 U	0.02 U	0.0028 UJ
Dibenz(a,h)anthracene	ug/L			0.0066 U	0.0066 U	0.0017 UJ	0.0017 U	0.0017 U	0.0036 U	0.0017 U	0.0028 UJ
Fluoranthene	ug/L			0.0042 U	0.0042 U	0.0024 UJ	0.0024 U	0.0024 U	0.0047 U	0.0024 U	0.003 UJ
Fluorene	ug/L			0.0051 U	0.0051 U	0.0026 UJ	0.0026 U	0.0026 U	0.0036 U	0.0026 U	0.0024 UJ
Indeno(1,2,3-cd)pyrene	ug/L			0.0038 U	0.0038 U	0.0021 UJ	0.0021 U	0.0021 U	0.0033 U	0.0021 U	0.0015 UJ
Naphthalene	ug/L			0.17	0.13	0.11 UJ	0.52	0.2 U	0.012 J	0.02 U	0.02 UJ
Phenanthrene	ug/L			0.0038 U	0.0038 U	0.0032 UJ	0.0032 U	0.02 U	0.0032 U	0.0032 U	0.0038 J
Pyrene	ug/L			0.0037 U	0.0037 U	0.0023 UJ	0.0023 U	0.02 U	0.0047 U	0.0023 U	0.0024 UJ
Total PAHs (calculated)	ug/L			0.189	0.1497	0.11 U	0.52	0.0071	0.012	0.02 U	0.006

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-17	MW-17	MW-17
Sample ID		GW04303	GW04403	GW05101	MW-16	MW-16	MW16	MW-16	GW04105	GW04203	GW04304
Date		7/15/04	10/12/04	1/17/05	11/3/05	2/16/06	5/22/06	8/8/06	2/18/04	4/15/04	7/15/04
Conventionals	Units										
Alkalinity	mg/L				54	32					
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L	4.5	11.6	6	13.6	6.2			6.4	6.5	6
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm	0.24	0.253	0.231					0.108	0.1	0.109
Dissolved Oxygen	mg/L	5.09	5.42	7.47	7.80	13.40	9.90	7.60	14.33	10.47	10.18
Eh	mV	226	177	7	237	175	-1	358	158	203	260
Ethane	ug/L				0.35 U	0.38 U					
Ethene	ug/L				0.55 U	0.55 U					
Ferrous Iron	mg/L				0 U	0.05					
Methane	ug/L				0.3 U	0.3 U					
Nitrate as Nitrogen	mg/L				7.3 J	0.8					
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH	5.43	5.75	5.24	6.1	6.58	5.62	5.79	3.740	5.73	5.2
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L	12	45	27					5 U	5 U	5 U
Sulfate	mg/L				3.5	7.7					
Tannin and Lignin	mg/L										
Temperature	C	12.28	12.26	11.65	10.8	11.3	11.4	11.5	11.03	11.00	11.23
Turbidity	NTU				61.0	320	0	0			
Metals	Units										
Copper	mg/L	0.004 UJ	0.007 U	0.007 U					0.008 U	0.005 U	0.004 UJ
Iron	mg/L	0.746	3.09	1.92					0.277	0.0686	0.125
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L										
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L										
Magnesium, Dissolved	mg/L										
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L										
Sodium, Dissolved	mg/L										
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-17	MW-17	MW-17
Sample ID		GW04303	GW04403	GW05101	MW-16	MW-16	MW16	MW-16	GW04105	GW04203	GW04304
Date		07/15/04	10/12/04	01/17/05	11/03/05	02/16/06	05/22/06	08/08/06	02/18/04	04/15/04	07/15/04
TPH	Units										
Diesel Range Organics	ug/L	36 U	36 U	19 UJ					36 U	36 U	36 U
Residual Range Organics	ug/L	54 U	54 U	28 UJ					500 U	54 U	54 U
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L	2 U	2 U	0.3 UJ					2 U	2 U	2 U
3,5-Dichlorophenol	ug/L	2 U	2 U	0.65 UJ					2 U	2 U	2 U
2,4,5-Trichlorophenol	ug/L	0.5 U	0.5 U	0.27 UJ					1.3 Ui	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.16 U	0.16 U	0.096 UJ					0.17 U	0.16 U	0.16 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L	0.26 U	0.26 U	0.66 UJ					0.27 U	0.26 U	0.26 U
Pentachlorophenol (PCP)	ug/L	0.095 U	0.095 U	0.29 UJ	0.29 U	0.29 U	0.13 U	0.13 UJ	0.12 U	0.095 U	0.095 U
PAHs	Units										
2-Methylnaphthalene	ug/L	0.0043 J	0.0051 J	0.02 UJ	0.12	0.02 U	0.02 U	0.02 UJ	0.02 U	0.0038 UJ	0.005 J
Acenaphthene	ug/L	0.0024 U	0.0042 U	0.0042 UJ	0.02 U	0.002 U	0.002 U	0.0031 UJ	0.02 U	0.0024 UJ	0.0024 U
Acenaphthylene	ug/L	0.0011 U	0.0031 U	0.0061 UJ	0.0018 U	0.02 U	0.0018 U	0.0023 UJ	0.0018 U	0.0011 UJ	0.0037 Ui
Anthracene	ug/L	0.0022 U	0.0039 U	0.0039 UJ	0.0011 U	0.0011 U	0.0011 U	0.0039 UJ	0.02 U	0.0022 UJ	0.0022 U
Benz(a)anthracene	ug/L	0.0022 U	0.004 U	0.004 UJ	0.0021 U	0.0021 U	0.0021 U	0.0039 UJ	0.02 U	0.0022 UJ	0.0022 U
Benzo(a)pyrene	ug/L	0.0013 U	0.0041 U	0.0041 UJ	0.0016 U	0.0016 U	0.0016 U	0.0043 UJ	0.02 U	0.0013 UJ	0.0013 U
Benzo(b)fluoranthene	ug/L	0.002 U	0.0048 U	0.0048 UJ	0.002 U	0.002 U	0.002 U	0.0046 UJ	0.02 U	0.002 UJ	0.002 U
Benzo(g,h,i)perylene	ug/L	0.0033 U	0.0041 U	0.0041 UJ	0.0037 U	0.0037 U	0.0037 U	0.0041 UJ	0.0058 J	0.0033 UJ	0.0035 J
Benzo(k)fluoranthene	ug/L	0.0036 U	0.0041 U	0.0041 UJ	0.0014 U	0.0014 U	0.0014 U	0.0051 UJ	0.02 U	0.0036 UJ	0.0036 U
Chrysene	ug/L	0.0028 U	0.0036 U	0.0036 UJ	0.0013 U	0.02 U	0.0013 U	0.0053 UJ	0.02 U	0.0028 UJ	0.0028 U
Dibenz(a,h)anthracene	ug/L	0.0028 U	0.0066 U	0.0066 UJ	0.0017 U	0.0017 U	0.0017 U	0.0036 UJ	0.0033 J	0.0028 UJ	0.0028 U
Fluoranthene	ug/L	0.003 U	0.0042 U	0.0042 UJ	0.02 U	0.0024 U	0.0024 U	0.0047 UJ	0.02 U	0.003 UJ	0.02 J
Fluorene	ug/L	0.0024 U	0.0051 U	0.0051 UJ	0.02 U	0.0026 U	0.0026 U	0.0036 UJ	0.02 U	0.0024 UJ	0.0024 U
Indeno(1,2,3-cd)pyrene	ug/L	0.0015 U	0.0038 U	0.0038 UJ	0.0021 U	0.0021 U	0.0021 U	0.0033 UJ	0.02 U	0.0015 UJ	0.0015 U
Naphthalene	ug/L	0.02 U	0.0085 J	0.014 UJ	0.1	0.025 U	0.02 U	0.02 UJ	0.02 U	0.02 UJ	0.02 U
Phenanthrene	ug/L	0.0028 U	0.0038 U	0.0039 UJ	0.02 U	0.02 U	0.0032 U	0.0033 J	0.02 U	0.0028 UJ	0.0043 J
Pyrene	ug/L	0.0024 U	0.0037 U	0.0037 UJ	0.0023 U	0.0023 U	0.0023 U	0.0047 UJ	0.02 U	0.0024 UJ	0.067
Total PAHs (calculated)	ug/L	0.02 U	0.0085	0.014 U	0.1	0.025 U	0.02 U	0.0033	0.0091	0.02 U	0.0948

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-18	MW-18	MW-18	MW-18
Sample ID		GW04404	GW05102	MW-17	MW-17	MW17	MW-17	GW04106	GW04204	GW04305	GW04405
Date		10/14/04	1/17/05	11/3/05	2/16/06	5/22/06	8/8/06	2/19/04	4/15/04	7/19/04	10/14/04
Conventionals	Units										
Alkalinity	mg/L			33	61						
Ammonia as Nitrogen	mg/L										
Carbon, Total Organic (TOC)	mg/L										
Chemical Oxygen Demand (COD)	mg/L										
Chloride	mg/L	6.4	6.5	4.5	7.9			7.4	3.5	4.6	11.8
Coliform, Total	MPN/100 mL										
Conductivity	uMHOS/cm										
Specific Conductance	mS/cm	0.11	0.103					0.176	0.147	0.181	0.209
Dissolved Oxygen	mg/L	7.54	11.19	9.8	9.6	8.4	5.6	12.31	10.02	10.01	7.02
Eh	mV	126	6	247	206	258	356	120	205	233	148
Ethane	ug/L			0.35 U	0.38 U						
Ethene	ug/L			0.55 U	0.55 U						
Ferrous Iron	mg/L			0 U	0.08						
Methane	ug/L			0.3 U	0.3 U						
Nitrate as Nitrogen	mg/L			0.008 U	10.3						
Nitrate+Nitrite as Nitrogen	mg/L										
Nitrite as Nitrogen	mg/L										
pH	PH	6.2	5.11	6.3	6.39	5.68	5.89	4.420	6.08	5.46	6.18
Solids, Total Dissolved (TDS)	mg/L										
Solids, Total Suspended (TSS)	mg/L	6	5 U					5 U	5 U	5 U	22
Sulfate	mg/L			5.9	3.9						
Tannin and Lignin	mg/L										
Temperature	C	11.7	11.46	10.9	11.5	11.8	12	11.44	11.40	11.71	11.68
Turbidity	NTU			30	290	90	0				
Metals	Units										
Copper	mg/L	0.007 U	0.007 U					0.008 U	0.005 U	0.004 UJ	0.007 U
Iron	mg/L	0.174	0.389					0.176	0.0242 U	0.825	0.839
Dissolved Metals											
Arsenic, Dissolved	mg/L										
Barium, Dissolved	mg/L										
Cadmium, Dissolved	mg/L										
Calcium, Dissolved	mg/L										
Copper, Dissolved	mg/L										
Iron, Dissolved	mg/L										
Magnesium, Dissolved	mg/L										
Manganese, Dissolved	mg/L										
Nickel, Dissolved	mg/L										
Potassium, Dissolved	mg/L										
Sodium, Dissolved	mg/L										
Zinc, Dissolved	mg/L										

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-18	MW-18	MW-18	MW-18
Sample ID		GW04404	GW05102	MW-17	MW-17	MW17	MW-17	GW04106	GW04204	GW04305	GW04405
Date		10/14/04	01/17/05	11/03/05	02/16/06	05/22/06	08/08/06	02/19/04	04/15/04	07/19/04	10/14/04
TPH	Units										
Diesel Range Organics	ug/L	36 U	19 UJ					36 U	36 U	36 U	36 U
Residual Range Organics	ug/L	54 U	28 UJ					500 U	54 U	54 U	54 U
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L	2 U	0.3 UJ					2 U	2 U	2 U	2 U
3,5-Dichlorophenol	ug/L	2 UJ	0.65 UJ					2 U	2 U	2 U	2 UJ
2,4,5-Trichlorophenol	ug/L	0.5 U	0.27 UJ					1.2 Ui	0.5 U	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.16 U	0.096 UJ					0.17 U	0.16 U	0.16 U	0.16 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L	0.26 U	0.66 UJ					0.27 U	0.26 U	0.26 U	0.26 U
Pentachlorophenol (PCP)	ug/L	0.095 U	0.29 UJ	0.29 U	0.29 U	0.13 U	0.13 UJ	0.12 U	0.095 U	0.095 U	0.095 U
PAHs	Units										
2-Methylnaphthalene	ug/L	0.0076 J	0.0093 UJ	0.032 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.0038 U	0.02 U	0.0096 J
Acenaphthene	ug/L	0.0042 U	0.0042 UJ	0.002 U	0.002 U	0.002 U	0.0031 UJ	0.002 U	0.0024 U	0.02 U	0.0042 U
Acenaphthylene	ug/L	0.0031 U	0.0079 UJ	0.0018 U	0.02 U	0.0018 U	0.0023 UJ	0.0018 U	0.0011 U	0.02 U	0.0031 U
Anthracene	ug/L	0.0039 U	0.0042 UJ	0.0011 U	0.02 U	0.0011 U	0.0039 UJ	0.02 U	0.0022 U	0.0022 U	0.0039 U
Benz(a)anthracene	ug/L	0.004 U	0.0061 UJ	0.0021 U	0.0021 U	0.0021 U	0.0039 UJ	0.0021 U	0.0022 U	0.0022 U	0.004 U
Benzo(a)pyrene	ug/L	0.0041 U	0.0051 UJ	0.0016 U	0.0016 U	0.002 J	0.0043 UJ	0.0016 U	0.0013 U	0.0016 J	0.0041 U
Benzo(b)fluoranthene	ug/L	0.0048 U	0.0048 UJ	0.002 U	0.002 U	0.0026 J	0.0046 UJ	0.002 U	0.002 U	0.002 U	0.0048 U
Benzo(g,h,i)perylene	ug/L	0.0041 U	0.0048 UJ	0.0037 U	0.0037 U	0.0037 U	0.0041 UJ	0.0037 U	0.0033 U	0.0033 U	0.0041 U
Benzo(k)fluoranthene	ug/L	0.0041 U	0.0041 UJ	0.0014 U	0.0014 U	0.0023 J	0.0051 UJ	0.02 U	0.0036 U	0.0036 U	0.0041 U
Chrysene	ug/L	0.0036 U	0.0045 UJ	0.0013 U	0.0013 U	0.02 U	0.0053 UJ	0.0013 U	0.0028 U	0.0028 U	0.0036 U
Dibenz(a,h)anthracene	ug/L	0.0066 U	0.0066 UJ	0.0017 U	0.0017 U	0.0019 J	0.0036 UJ	0.0017 U	0.0028 U	0.0028 U	0.0066 U
Fluoranthene	ug/L	0.0042 U	0.0058 UJ	0.0024 U	0.0024 U	0.0037 J	0.0047 UJ	0.0024 U	0.003 U	0.0039 J	0.0042 U
Fluorene	ug/L	0.0051 U	0.0051 UJ	0.02 U	0.02 U	0.0026 U	0.0036 UJ	0.0026 U	0.0024 U	0.02 U	0.0051 U
Indeno(1,2,3-cd)pyrene	ug/L	0.0038 U	0.0048 UJ	0.0021 U	0.0021 U	0.0021 U	0.0033 UJ	0.0021 U	0.0015 U	0.0015 U	0.0038 U
Naphthalene	ug/L	0.01 J	0.015 UJ	0.048	0.031 U	0.02 U	0.021 UJ	0.02 U	0.0042 J	0.02 U	0.013 J
Phenanthrene	ug/L	0.0038 U	0.0058 UJ	0.02 U	0.02 U	0.0032 U	0.0032 UJ	0.0032 U	0.0028 U	0.02 U	0.0038 U
Pyrene	ug/L	0.0037 U	0.0047 UJ	0.0023 U	0.02 U	0.02 U	0.0047 UJ	0.0023 U	0.0024 U	0.0024 U	0.0037 U
Total PAHs (calculated)	ug/L	0.01	0.015 U	0.048	0.031 U	0.0125	0.021 U	0.02 U	0.0042	0.0055	0.013

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Sample ID		GW05103	MW-18	MWC	MW-18	MW-C	MW18	MWC	MW-18	MW-C
Date		1/17/05	11/3/05	11/3/05	2/16/06	2/16/06	5/22/06	5/22/06	8/8/06	8/8/06
				Field dup		Field dup		Field dup		Field dup
Conventionals	Units									
Alkalinity	mg/L		56	55	52	51				
Ammonia as Nitrogen	mg/L									
Carbon, Total Organic (TOC)	mg/L									
Chemical Oxygen Demand (COD)	mg/L									
Chloride	mg/L	8.2	8.7	8.5	6.6	6.6				
Coliform, Total	MPN/100 mL									
Conductivity	uMHOS/cm									
Specific Conductance	mS/cm	0.156								
Dissolved Oxygen	mg/L	10.92		10.6	13.7		12.2		5.7	
Eh	mV	5	231		190		251		240	
Ethane	ug/L		0.35 U	0.35 U	0.38 U	0.38 U				
Ethene	ug/L		0.55 U	0.55 U	0.55 U	0.55 U				
Ferrous Iron	mg/L		0 U		0 U					
Methane	ug/L		0.6 U	0.3 U	0.3 U	0.3 U				
Nitrate as Nitrogen	mg/L		1.3	1.2	1.3	1.3				
Nitrate+Nitrite as Nitrogen	mg/L									
Nitrite as Nitrogen	mg/L									
pH	PH	5.28	6.4		6.74		5.68		5.82	
Solids, Total Dissolved (TDS)	mg/L									
Solids, Total Suspended (TSS)	mg/L	6								
Sulfate	mg/L		6.8	6.8	10.6	10.7				
Tannin and Lignin	mg/L									
Temperature	C	11.6	11.2		11.2		11.5		13.7	
Turbidity	NTU		23		330		100		0	
Metals	Units									
Copper	mg/L	0.007 U								
Iron	mg/L	0.226								
Dissolved Metals										
Arsenic, Dissolved	mg/L									
Barium, Dissolved	mg/L									
Cadmium, Dissolved	mg/L									
Calcium, Dissolved	mg/L									
Copper, Dissolved	mg/L									
Iron, Dissolved	mg/L									
Magnesium, Dissolved	mg/L									
Manganese, Dissolved	mg/L									
Nickel, Dissolved	mg/L									
Potassium, Dissolved	mg/L									
Sodium, Dissolved	mg/L									
Zinc, Dissolved	mg/L									

Table 4.6 MW Wells, Field Blanks and Duplicates; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station		MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Sample ID		GW05103	MW-18	MWC	MW-18	MW-C	MW18	MWC	MW-18	MW-C
Date		01/17/05	11/03/05	11/03/05	02/16/06	02/16/06	05/22/06	05/22/06	08/08/06	08/08/06
				Field dup		Field dup		Field dup		Field dup
TPH	Units									
Diesel Range Organics	ug/L	19 UJ								
Residual Range Organics	ug/L	28 UJ								
Chlorinated Phenols	Units									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
2,6-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L	0.3 UJ								
3,5-Dichlorophenol	ug/L	0.65 UJ								
2,4,5-Trichlorophenol	ug/L	0.27 UJ								
2,4,6-Trichlorophenol	ug/L	0.096 UJ								
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Tetrachlorophenols, Total	ug/L	0.66 UJ								
Pentachlorophenol (PCP)	ug/L	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.13 U	0.13 U	0.13 UJ	0.13 UJ
PAHs	Units									
2-Methylnaphthalene	ug/L	0.0053 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 UJ
Acenaphthene	ug/L	0.0042 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0031 UJ	0.0031 UJ
Acenaphthylene	ug/L	0.005 UJ	0.0018 U	0.02 U	0.0018 U	0.02 U	0.0018 U	0.0018 U	0.0023 UJ	0.0023 UJ
Anthracene	ug/L	0.0039 UJ	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0039 UJ	0.0039 UJ
Benz(a)anthracene	ug/L	0.004 UJ	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0039 UJ	0.0039 UJ
Benzo(a)pyrene	ug/L	0.0041 UJ	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0043 UJ	0.0043 UJ
Benzo(b)fluoranthene	ug/L	0.0048 UJ	0.002 U	0.002 U	0.02 U	0.002 U	0.002 U	0.002 U	0.0046 UJ	0.0046 UJ
Benzo(g,h,i)perylene	ug/L	0.0041 UJ	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0041 UJ	0.0041 UJ
Benzo(k)fluoranthene	ug/L	0.0041 UJ	0.0014 U	0.0014 U	0.02 U	0.0014 U	0.0014 U	0.0014 U	0.0051 UJ	0.0051 UJ
Chrysene	ug/L	0.0036 UJ	0.0013 U	0.0013 U	0.02 U	0.0013 U	0.0013 U	0.02 U	0.0053 UJ	0.0053 UJ
Dibenz(a,h)anthracene	ug/L	0.0066 UJ	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0036 UJ	0.0036 UJ
Fluoranthene	ug/L	0.0042 UJ	0.0024 U	0.0024 U	0.02 U	0.0024 U	0.0024 U	0.0024 U	0.0047 UJ	0.0047 UJ
Fluorene	ug/L	0.0051 UJ	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0026 U	0.0036 UJ	0.0036 UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.0038 UJ	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0033 UJ	0.0033 UJ
Naphthalene	ug/L	0.011 UJ	0.028 U	0.027 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023 UJ	0.024 UJ
Phenanthrene	ug/L	0.0038 UJ	0.02 U	0.02 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 UJ	0.0038 J
Pyrene	ug/L	0.0037 UJ	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0047 UJ	0.0047 UJ
Total PAHs (calculated)	ug/L	0.011 U	0.028 U	0.027 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023 U	0.0038

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
Sample ID		MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
Date		8/29/1990	1/14/1998	4/15/1998	7/15/1998	10/6/1998	1/12/1999	1/21/1999	4/13/1999	7/21/1999
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units									
Alkalinity	mg/L		20 U	20 U	2 U	2 U	2 U		2 U	2 U
Bicarb. Alkalinity as CaCO3	mg/L		20 U	20 U	2 U	2 U	2 U		2 U	2 U
Dissolved Bicarbonate	mg/L									
Chloride	mg/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Coliforms in MPN/100 mL	MPN/100 mL						2 U			
Conductivity	uMHOS/cm									
Ethane	ug/L									
Ethene	ug/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH									
Sulfate	mg/L				0.2 U				0.2 U	
Sulfide	mg/L		0.2 U	0.2 U		0.2 U	0.2 U			0.4
Total Organic Carbon	mg/L		0.5 U	0.2 U	0.5 U	2.2	0.5 U		0.5 U	0.5 U
Total Suspended Solids	mg/L									
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L		0.05 U	0.054	0.053	0.05 U	0.062		0.05 U	0.061
Iron	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U
Magnesium	mg/L		0.017	0.011	0.021	0.013	0.013		0.01 U	0.02
Manganese	mg/L		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U
Potassium	mg/L		2 U	2 U	2 U	2 U	2 U		2 U	2 U
Sodium	mg/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
Sample ID		MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
Date		8/29/90	1/14/98	4/15/98	7/15/98	10/6/98	1/12/99	1/21/99	4/13/99	7/21/99
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units									
Phenol	ug/L	10 U	0.2	0.4	0.8	0.2 U		0.3	4.6	2.8
2-Chlorophenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2,4-Dichlorophenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L	50 U								
2,4,6-Trichlorophenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
2-Methylphenol	ug/L	10 U								
4-Methylphenol	ug/L	10 U								
2,4-Dimethylphenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Nitrophenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
4-Nitrophenol	ug/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	ug/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
4,6-Dinitro-2-methylphenol	ug/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
4-Chloro-3-methylphenol	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L	10 U								
Acenaphthene	ug/L	10 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Acenaphthylene	ug/L	10 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Anthracene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Chrysene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Fluorene	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Naphthalene	ug/L	10 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Phenanthrene	ug/L	10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1	0.1 U
Pyrene	ug/L	10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.4 U	0.2 U	0.2 U
Total PAHs (calculated)	ug/L	10 U	1 U	1 U	1 U	1 U		1 U	0.1	1 U

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-5	MW-5	MW-5	MW-5	MW-B	MW-B	MW-B	MW-B	MW-B
Sample ID		MW-5	MW-5	MW-5	MW-5	MW-B	MWB	MW-B	MW-B	MW B
Date		10/4/1999	1/11/2000	4/18/2000	10/4/2000	4/5/2001	7/12/2001	10/8/2001	1/15/2002	4/10/2002
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units									
Alkalinity	mg/L	2 U	2 U	2 U						
Bicarb. Alkalinity as CaCO3	mg/L	2 U	2 U	2 U						
Dissolved Bicarbonate	mg/L									
Chloride	mg/L	0.2 U	0.2 U	0.2 U						
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm			2 U						
Ethane	ug/L									
Ethene	ug/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH			5.73						
Sulfate	mg/L		0.2 U	0.2 U						
Sulfide	mg/L	0.2 U								
Total Organic Carbon	mg/L	0.5 U	0.5 U	0.5 U						
Total Suspended Solids	mg/L		4 U		5 U	5 U	5 U	5 U	5 U	5 U
Metals	Units									
Copper	mg/L									
Iron	mg/L									
Dissolved Metals	Units									
Calcium	mg/L	0.142	0.05 U	0.05 U	0.06	0.00005 U	0.05 U	0.235	0.05 U	0.05 U
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.00002 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	0.039	0.01 U	0.02 U	0.02 U	0.00002 U	0.02 U	0.077	0.02 U	0.02 U
Manganese	mg/L	0.005 U	0.005 U	0.005 U						
Potassium	mg/L	2 U	2 U	2 U	2 U	0.002 U	2 U	2 U	2 U	2 U
Sodium	mg/L	0.112	0.17	0.1 U	0.1	0.0001 U	0.1 U	0.845	0.1 U	0.1 U
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L									
Residual Range Organics	ug/L									

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-5	MW-5	MW-5	MW-5	MW-B	MW-B	MW-B	MW-B	MW-B
Sample ID		MW-5	MW-5	MW-5	MW-5	MW-B	MWB	MW-B	MW-B	MW B
Date		10/4/99	1/11/00	4/18/00	10/4/00	4/5/01	7/12/01	10/8/01	1/15/02	4/10/02
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units									
Phenol	ug/L	0.2 U	6.2	0.2 U						
2-Chlorophenol	ug/L	0.2 U	0.2 U	0.2 U						
2,4-Dichlorophenol	ug/L	0.2 U	0.2 U	0.2 U						
3,4-Dichlorophenol	ug/L									
3,5-Dichlorophenol	ug/L									
2,4,5-Trichlorophenol	ug/L									
2,4,6-Trichlorophenol	ug/L	0.2 U	0.2 U	0.2 U						
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.06 U	0.2 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L	0.2 U	0.2 U	0.2 U						
2-Nitrophenol	ug/L	0.2 U	0.2 U	0.2 U						
4-Nitrophenol	ug/L	0.5 U	0.5 U	0.5 U						
2,4-Dinitrophenol	ug/L	0.5 U	0.5 U	0.5 U						
4,6-Dinitro-2-methylphenol	ug/L	0.5 U	0.5 U	0.5 U						
4-Chloro-3-methylphenol	ug/L	0.2 U	0.2 U	0.2 U						
Total Tetrachlorophenols	ug/L									
PAHs	Units									
2-Methylnaphthalene	ug/L									
Acenaphthene	ug/L	1 U	1 U	1 U						
Acenaphthylene	ug/L	1 U	1 U	1 U						
Anthracene	ug/L	0.1 U	0.1 U	0.1 U						
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U						
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U						
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U						
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.2 U						
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U						
Chrysene	ug/L	0.1 U	0.1 U	0.1 U						
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U						
Fluoranthene	ug/L	0.2 U	0.2 U	0.2 U						
Fluorene	ug/L	0.2 U	0.2 U	0.2 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U						
Naphthalene	ug/L	1 U	1 U	1 U						
Phenanthrene	ug/L	0.1 U	0.1	0.1 U						
Pyrene	ug/L	0.2 U	0.2 U	0.2 U						
Total PAHs (calculated)	ug/L	1 U	0.1	1 U						

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B
Sample ID		MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B
Date		7/10/2002	1/21/2003	4/8/2003	7/21/2003	10/1/2003	2/12/2004	4/15/2004	7/19/2004	########
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units									
Alkalinity	mg/L									
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L		0.2 U							
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Ethane	ug/L									
Ethene	ug/L									
Methane	ug/L									
Nitrate as Nitrogen	mg/L									
pH	PH									
Sulfate	mg/L									
Sulfide	mg/L									
Total Organic Carbon	mg/L									
Total Suspended Solids	mg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Metals	Units									
Copper	mg/L		0.004 U							
Iron	mg/L		0.02 U							
Dissolved Metals	Units									
Calcium	mg/L	0.05 U	0.0215 B	0.0119 B	0.03 U	0.0219 B	0.03 U	0.02 U	0.0104 U	0.02 U
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.0084 U	0.006 B	0.0082 B	0.006 U	0.02 U	0.01 U
Magnesium	mg/L	0.02 U	0.0083 U	0.0104 U	0.02 U	0.0222	0.02 U	0.0091 B	0.0039 U	0.0112 B
Manganese	mg/L									
Potassium	mg/L	2 U	0.4 U	0.4 U	0.08 U	0.7 U	0.08 U	0.7 U	0.7 U	0.03 U
Sodium	mg/L	0.1 U	0.03 U	0.03 UJ	0.687	0.07 U	0.05 U	0.07 U	0.06 U	0.0283 B
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L		45 U							
Residual Range Organics	ug/L		500 U							

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B
Sample ID		MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B	MW-B
Date		7/10/02	1/21/03	4/8/03	7/21/03	10/1/03	2/12/2004	4/15/2004	7/19/2004	########
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L		0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 U
3,5-Dichlorophenol	ug/L		0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 UJ
2,4,5-Trichlorophenol	ug/L		0.5 U		0.5 U	0.39 Ui	1.2 Ui	0.5 U	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L		0.03 U		0.03 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.2 U	2	1.7	0.31 J	1.4	0.12 J	0.095 U	0.27 J	0.095 U
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L		0.4 U		0.4 U	1 Ui	0.27 U	0.26 U	0.26 U	0.26 U
PAHs	Units									
2-Methylnaphthalene	ug/L		1.2							
Acenaphthene	ug/L		0.06							
Acenaphthylene	ug/L		0.0045 J							
Anthracene	ug/L		0.0017 J							
Benzo(a)anthracene	ug/L		0.0021 U							
Benzo(a)pyrene	ug/L		0.0016 U							
Benzo(b)fluoranthene	ug/L		0.002 U							
Benzo(g,h,i)perylene	ug/L		0.0037 U							
Benzo(k)fluoranthene	ug/L		0.0014 U							
Chrysene	ug/L		0.0013 U							
Dibenz(a,h)anthracene	ug/L		0.0017 U							
Fluoranthene	ug/L		0.0024 U							
Fluorene	ug/L		0.11							
Indeno(1,2,3-cd)pyrene	ug/L		0.0021 U							
Naphthalene	ug/L		0.34							
Phenanthrene	ug/L		0.05							
Pyrene	ug/L		0.0023 U							
Total PAHs (calculated)	ug/L		0.5662							

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		GW1016	GW04205	GW04301	GW04407	FIELD	FIELD	FIELD	FIELD	FIELD
Sample ID		GW1016	GW04205	GW04301	GW04407	MW-A	MWD	MWD	MW-D	MW-D
Date		10/25/2002	4/15/2004	7/19/2004	10/18/2004	1/11/05	11/4/05	5/22/06	2/16/06	8/8/06
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Conventionals	Units									
Alkalinity	mg/L						1 U		1 U	
Bicarb. Alkalinity as CaCO3	mg/L									
Dissolved Bicarbonate	mg/L									
Chloride	mg/L		0.03 U	0.03 U	0.2		0.04 U		0.04 U	
Coliforms in MPN/100 mL	MPN/100 mL									
Conductivity	uMHOS/cm									
Ethane	ug/L								0.38 U	
Ethene	ug/L								0.55 U	
Methane	ug/L								1.1	
Nitrate as Nitrogen	mg/L						0.008 U		0.008 U	
pH	PH									
Sulfate	mg/L						0.12 U		0.06 U	
Sulfide	mg/L									
Total Organic Carbon	mg/L									
Total Suspended Solids	mg/L	5 U				5 U				
Metals	Units									
Copper	mg/L		0.005 U	0.004 UJ	0.004 U					
Iron	mg/L	0.005 U	0.006 U	0.02 U	0.02 U					
Dissolved Metals	Units									
Calcium	mg/L					0.0108 U				
Iron	mg/L					0.02 U				
Magnesium	mg/L	0.02 U				0.0046 U				
Manganese	mg/L									
Potassium	mg/L	0.08 U				0.7 U				
Sodium	mg/L	0.04 U				0.06 U				
TPH	Units									
Diesel	ug/L									
Heavy Fuel Oil	ug/L									
Jet Fuel as Jet A	ug/L									
Kerosene	ug/L									
Lube Oil	ug/L									
Mineral Spirits	ug/L									
Non-PHC as Diesel	ug/L									
PHC as Diesel	ug/L									
Diesel Range Organics	ug/L			36 U	36 U					
Residual Range Organics	ug/L			54 U	54 U					

Table 4.6 MW Wells, Field Blanks; Conventionals, Metals, TPH, Phenols, and PAHs (Continued)

Station ID		GW1016	GW04205	GW04301	GW04407	FIELD	FIELD	FIELD	FIELD	FIELD
Sample ID		GW1016	GW04205	GW04301	GW04407	MW-A	MWD	MWD	MW-D	MW-D
Date		10/25/2002	4/15/2004	7/19/2004	10/18/2004	1/11/05	11/4/05	5/22/06	2/16/06	8/8/06
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
Phenols	Units									
Phenol	ug/L									
2-Chlorophenol	ug/L									
2,4-Dichlorophenol	ug/L									
3,4-Dichlorophenol	ug/L	0.2 U			2 U	0.3 U				
3,5-Dichlorophenol	ug/L	0.2 UJ			2 UJ	0.65 U				
2,4,5-Trichlorophenol	ug/L	0.5 U			0.5 U	0.27 U				
2,4,6-Trichlorophenol	ug/L	0.03 U			0.16 U	0.096 U				
2,3,4,5-Tetrachlorophenol	ug/L									
2,3,5,6-Tetrachlorophenol	ug/L									
Pentachlorophenol	ug/L	0.06 U			0.095 U	0.97 J	0.29 U	0.13 U	0.29 U	0.13 UJ
2-Methylphenol	ug/L									
4-Methylphenol	ug/L									
2,4-Dimethylphenol	ug/L									
2-Nitrophenol	ug/L									
4-Nitrophenol	ug/L									
2,4-Dinitrophenol	ug/L									
4,6-Dinitro-2-methylphenol	ug/L									
4-Chloro-3-methylphenol	ug/L									
Total Tetrachlorophenols	ug/L	0.4 U			0.26 U	0.66 U				
PAHs	Units									
2-Methylnaphthalene	ug/L		0.31	0.41	0.055		0.023 U	0.022	0.0099 J	0.012 J
Acenaphthene	ug/L		0.02 J	0.026	0.0042 U		0.002 U	0.0051 J	0.002 U	0.0031 UJ
Acenaphthylene	ug/L		0.0071 J	0.015 J	0.013 J		0.0018 U	0.0018 U	0.0018 U	0.0023 UJ
Anthracene	ug/L		0.003 U	0.0031 J	0.0087 J		0.0011 U	0.0011 U	0.0011 U	0.0039 UJ
Benzo(a)anthracene	ug/L		0.003 U	0.0022 U	0.004 U		0.0021 U	0.0021 U	0.0021 U	0.0039 UJ
Benzo(a)pyrene	ug/L		0.0018 U	0.0013 U	0.0041 U		0.0016 U	0.0016 U	0.0016 U	0.0043 UJ
Benzo(b)fluoranthene	ug/L		0.0027 U	0.002 U	0.0048 U		0.002 U	0.002 U	0.002 U	0.0046 UJ
Benzo(g,h,i)perylene	ug/L		0.0044 U	0.0033 U	0.0041 U		0.0037 U	0.0037 U	0.0037 U	0.0041 UJ
Benzo(k)fluoranthene	ug/L		0.0048 U	0.0036 U	0.0041 U		0.0014 U	0.0014 U	0.0014 U	0.0051 UJ
Chrysene	ug/L		0.0038 U	0.0028 U	0.0036 U		0.0013 U	0.0013 U	0.02 U	0.0053 UJ
Dibenz(a,h)anthracene	ug/L		0.0038 U	0.0028 J	0.0066 U		0.0017 U	0.0017 U	0.0017 U	0.0036 UJ
Fluoranthene	ug/L		0.004 U	0.003 U	0.0042 U		0.0024 U	0.0024 U	0.02 U	0.0047 UJ
Fluorene	ug/L		0.024 J	0.06	0.011 J		0.02 U	0.0039 J	0.0026 U	0.0036 UJ
Indeno(1,2,3-cd)pyrene	ug/L		0.002 U	0.0022 J	0.0038 U		0.0021 U	0.0021 U	0.0021 U	0.0033 UJ
Naphthalene	ug/L		0.27	0.26	0.1		0.025 U	0.071	0.031	0.033 J
Phenanthrene	ug/L		0.025 J	0.057	0.0038 U		0.02 U	0.02 U	0.0032 U	0.0032 UJ
Pyrene	ug/L		0.0032 U	0.0024 U	0.0037 U		0.0023 U	0.0023 U	0.0023 U	0.0047 UJ
Total PAHs (calculated)	ug/L		0.3461	0.4261	0.1327		0.025 U	0.08	0.031	0.033

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (1990 - 2005)

Station ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5
Sample ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW5	HCMW 5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5
Date		10/22/99	1/11/00	1/18/01	4/5/01	7/12/01	1/20/03	4/8/03	7/10/03	2/12/04	4/14/04	7/13/04
Conventionals	Units											
Chloride	mg/L						6.8					
Specific Conductance	mS/cm						0.203	0.208	0.158			
Dissolved Oxygen	mg/L						7.27	7.39	8.15	11.99	8.41	7.03
Eh	mV						267	383	134	168	236	147
pH	pH						5.93	5.83	6.2	3.160	5.55	5.72
Total Suspended Solids	mg/L	60	996	5 U	5	5 U	5 U	5 U	5 U	6	5 U	11
Temperature	C						16.7	14	14.33	15.98	13.14	16.01
Turbidity	NTU						4.3	2.1	15.7			
Metals	Units											
Copper	mg/L						0.008 U					
Iron	mg/L						0.228					
Dissolved Metals	Units											
Calcium	mg/L			12.1	0.0107	13.2	17.1	7.85	8.91	13.7	5.77	6.79
Iron	mg/L			0.02 U	0.00002 U	0.02 U	0.0088 B	0.02 U	0.006 U	0.0062 U	0.006 U	0.02 U
Magnesium	mg/L			6.45	0.00624	7.66	9.93	4.07	5.3	4.01	2.73	3.55
Potassium	mg/L			2 U	0.002 U	2 U	1.37 B	1.28 J	1.5 B	2.74	1.39 B	1.51 B
Sodium	mg/L			5.32	0.00473	5.56	11.6	28.3	12	52.4	27.4	26.6
TPH	Units											
Diesel	ug/L	250 U					140 J					
Gasoline	ug/L	250 U										
Heavy Fuel Oil	ug/L	500 U										
Jet Fuel as Jet A	ug/L	250 U										
Kerosene	ug/L	250 U										
Lube Oil	ug/L	500 U										
Mineral Spirits	ug/L	250 U										
Non-PHC as Diesel	ug/L	500 U										
Non-PHC as Gasoline	ug/L	250 U										
PHC as Diesel	ug/L	500 U										
PHC as Gasoline	ug/L	250 U										
Diesel Range Organics	ug/L											
Residual Range Organics	ug/L						500 U					
Phenols	Units											
3,4-Dichlorophenol	ug/L						0.2 U		0.2 U	2 U	2 U	2 U
3,5-Dichlorophenol	ug/L						0.2 U		0.2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	ug/L						0.5 U		0.5 U	0.67 Ui	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.5 U					0.03 U		0.03 U	0.17 U	0.16 U	0.16 U
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.06 U	0.5 U	0.082 J	0.12 U	0.3 J	0.095 U
Total Tetrachlorophenols	ug/L	0.5 U					0.4 U		0.4 U	1 Ui	0.26 U	0.26 U

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5
Sample ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW5	HCMW 5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5
Date		10/22/99	1/11/00	1/18/01	4/5/01	7/12/01	1/20/03	4/8/03	7/10/03	2/12/04	4/14/04	7/13/04
Volatiles	Units											
Benzene	ug/L	0.5 U										
Ethylbenzene	ug/L	1 U										
Toluene	ug/L	1 U										
Total Xylenes	ug/L	1 U										
PAHs	Units											
2-Methylnaphthalene	ug/L						0.014 J					
Acenaphthene	ug/L						0.002 U					
Acenaphthylene	ug/L						0.0018 U					
Anthracene	ug/L						0.0011 U					
Benzo(a)anthracene	ug/L						0.0021 U					
Benzo(a)pyrene	ug/L						0.0016 U					
Benzo(b)fluoranthene	ug/L						0.002 U					
Benzo(g,h,i)perylene	ug/L						0.0037 U					
Benzo(k)fluoranthene	ug/L						0.0014 U					
Chrysene	ug/L						0.02 U					
Dibenz(a,h)anthracene	ug/L						0.0017 U					
Fluoranthene	ug/L						0.0024 U					
Fluorene	ug/L						0.0026 U					
Indeno(1,2,3-cd)pyrene	ug/L						0.0021 U					
Naphthalene	ug/L						0.01 J					
Phenanthrene	ug/L						0.0035 J					
Pyrene	ug/L						0.0023 U					
Total PAHs (calculated)	ug/L						0.0135					

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-5	HCMW-5	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6
Sample ID		HCMW-5	HCMW-5	HCMW-6	HCMW-6	HCMW6	HCMW-6	HCMW-6	HCMW-6	HCMW 6	HCMW-6	GW1009
Date		10/13/04	1/11/05	7/10/03	1/11/00	7/11/01	10/8/01	10/9/01	1/15/02	4/10/02	7/10/02	10/24/02
Conventionals	Units											
Chloride	mg/L											
Specific Conductance	mS/cm		0.172									0.139
Dissolved Oxygen	mg/L	6.14	6.11									7.85
Eh	mV	150	1									410
pH	pH	6.28	5.35									6.49
Total Suspended Solids	mg/L	11	10	31	960	218	38	38	5 U	7	9	5 U
Temperature	C	15.01	14.36									11.7
Turbidity	NTU		-10									3.6
Metals	Units											
Copper	mg/L											
Iron	mg/L											
Dissolved Metals	Units											
Calcium	mg/L	12.7	5.05			10.9	10.6	10.6	10.9	13.1	11.7	
Iron	mg/L	0.0133 B	0.02 U			0.026	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0051 UJ
Magnesium	mg/L	6.66	1.69			7.04	7.17	7.17	7.16	8.57	7.52	6.45
Potassium	mg/L	2.42	0.954 B			2 U	2 U	2 U	2 U	2 U	2 U	1.03 B
Sodium	mg/L	73.4	27.5			4.48	4.44	4.44	4.38	4.91	4.65	4.16
TPH	Units											
Diesel	ug/L											
Gasoline	ug/L											
Heavy Fuel Oil	ug/L											
Jet Fuel as Jet A	ug/L											
Kerosene	ug/L											
Lube Oil	ug/L											
Mineral Spirits	ug/L											
Non-PHC as Diesel	ug/L											
Non-PHC as Gasoline	ug/L											
PHC as Diesel	ug/L											
PHC as Gasoline	ug/L											
Diesel Range Organics	ug/L											45 U
Residual Range Organics	ug/L											500 U
Phenols	Units											
3,4-Dichlorophenol	ug/L	2 U	0.3 U									2 Ui
3,5-Dichlorophenol	ug/L	2 UJ	0.65 U									0.2 U
2,4,5-Trichlorophenol	ug/L	0.5 U	0.27 U									0.5 U
2,4,6-Trichlorophenol	ug/L	0.16 U	0.096 U	0.5 U								0.03 UJ
Pentachlorophenol	ug/L	0.095 U	0.29 U	0.5 U	0.5 U	1.3	0.2 UJ	0.2 UJ	0.06 U	0.2 U	0.2 U	0.06 U
Total Tetrachlorophenols	ug/L	0.26 U	0.66 U	0.5 U								0.4 U

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-5	HCMW-5	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6
Sample ID		HCMW-5	HCMW-5	HCMW-6	HCMW-6	HCMW6	HCMW-6	HCMW-6	HCMW-6	HCMW 6	HCMW-6	GW1009
Date		10/13/04	1/11/05	7/10/03	1/11/00	7/11/01	10/8/01	10/9/01	1/15/02	4/10/02	7/10/02	10/24/02
Volatiles	Units											
Benzene	ug/L											
Ethylbenzene	ug/L											
Toluene	ug/L											
Total Xylenes	ug/L											
PAHs	Units											
2-Methylnaphthalene	ug/L											0.039
Acenaphthene	ug/L											0.0021 J
Acenaphthylene	ug/L											0.0018 U
Anthracene	ug/L											0.0011 U
Benzo(a)anthracene	ug/L											0.0021 U
Benzo(a)pyrene	ug/L											0.0016 U
Benzo(b)fluoranthene	ug/L											0.002 U
Benzo(g,h,i)perylene	ug/L											0.0037 U
Benzo(k)fluoranthene	ug/L											0.0014 U
Chrysene	ug/L											0.0015 J
Dibenz(a,h)anthracene	ug/L											0.0017 U
Fluoranthene	ug/L											0.0024 U
Fluorene	ug/L											0.0046 J
Indeno(1,2,3-cd)pyrene	ug/L											0.0021 U
Naphthalene	ug/L											0.0081 J
Phenanthrene	ug/L											0.02 U
Pyrene	ug/L											0.0023 U
Total PAHs (calculated)	ug/L											0.0163

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW 6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW-7
Date		1/20/03	4/8/03	7/10/03	9/29/03	2/12/04	4/14/04	7/13/04	10/13/04	1/11/05	10/22/99	1/11/00	1/18/01
Conventionals	Units												
Chloride	mg/L												
Specific Conductance	mS/cm	0.121	0.147	0.15	0.142					0.143			
Dissolved Oxygen	mg/L	8.36	8.73	8.45	8.59	11.79	8.30	7.64	6.72	6.34			
Eh	mV	236	394	197	215	165	246	194	183	3			
pH	pH	6.08	5.58	5.73	5.49	3.080	5.54	5.61	6.11	5.11			
Total Suspended Solids	mg/L	5 U	9	5 U	5 U	5 U	5 U	5 U	8	6	185	2330	7960
Temperature	C	11.2	11.5	13.6	11.39	11.53	11.31	12.07	11.62	11.57			
Turbidity	NTU	2.3	3.8	1.8	25.7					-10			
Metals	Units												
Copper	mg/L	0.008 U											
Iron	mg/L	0.0278											
Dissolved Metals	Units												
Calcium	mg/L	9.53	11.8	10.9	10.1	15.6	14	12.3	10.5	10.7			12
Iron	mg/L	0.005 U	0.02 U	0.006 U	0.006 U	0.0075 U	0.006 U	0.02 U	0.01 U	0.02 U			0.02 U
Magnesium	mg/L	6.34	7.54	7.04	6.94	9.78	8.91	7.75	6.93	6.83			6.93
Potassium	mg/L	0.943 B	1.05 J	0.904 B	1.27 B	1.38 B	1.17 B	1.45 B	1.06 B	1.05 B			2 U
Sodium	mg/L	4.03	4.76	4.58	4.46	5.37	5.04	4.91	4.35	4.45			5.21
TPH	Units												
Diesel	ug/L												
Gasoline	ug/L												
Heavy Fuel Oil	ug/L												
Jet Fuel as Jet A	ug/L												
Kerosene	ug/L												
Lube Oil	ug/L												
Mineral Spirits	ug/L												
Non-PHC as Diesel	ug/L												
Non-PHC as Gasoline	ug/L												
PHC as Diesel	ug/L												
PHC as Gasoline	ug/L												
Diesel Range Organics	ug/L	210 J											
Residual Range Organics	ug/L	500 U											
Phenols	Units												
3,4-Dichlorophenol	ug/L	0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 U	0.3 U			
3,5-Dichlorophenol	ug/L	0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 UJ	0.65 U			
2,4,5-Trichlorophenol	ug/L	0.5 U		0.98 Ui	0.33 U	0.33 U	0.5 U	0.5 U	0.5 U	0.27 U			
2,4,6-Trichlorophenol	ug/L	0.03 U		0.03 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.096 U	0.5 U		
Pentachlorophenol	ug/L	0.06 U	0.06 U	0.06 U	0.16 J	0.12 U	0.095 U	0.095 U	0.095 U	0.29 U	0.5 U	0.5 U	0.5 U
Total Tetrachlorophenols	ug/L	0.4 U		0.4 U	0.27 U	0.27 U	0.26 U	0.26 U	0.26 U	0.66 U	0.5 U		

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW 6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW-7
Date		1/20/03	4/8/03	7/10/03	9/29/03	2/12/04	4/14/04	7/13/04	10/13/04	1/11/05	10/22/99	1/11/00	1/18/01
Volatiles	Units												
Benzene	ug/L												
Ethylbenzene	ug/L												
Toluene	ug/L												
Total Xylenes	ug/L												
PAHs	Units												
2-Methylnaphthalene	ug/L	0.0041 J											
Acenaphthene	ug/L	0.002 U											
Acenaphthylene	ug/L	0.0018 U											
Anthracene	ug/L	0.0011 U											
Benzo(a)anthracene	ug/L	0.0065 J											
Benzo(a)pyrene	ug/L	0.0025 J											
Benzo(b)fluoranthene	ug/L	0.0045 J											
Benzo(g,h,i)perylene	ug/L	0.0049 J											
Benzo(k)fluoranthene	ug/L	0.004 J											
Chrysene	ug/L	0.02 U											
Dibenz(a,h)anthracene	ug/L	0.0029 J											
Fluoranthene	ug/L	0.02 U											
Fluorene	ug/L	0.0026 U											
Indeno(1,2,3-cd)pyrene	ug/L	0.0047 J											
Naphthalene	ug/L	0.0039 J											
Phenanthrene	ug/L	0.0039 J											
Pyrene	ug/L	0.006 J											
Total PAHs (calculated)	ug/L	0.0438											

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW-7	HCMW7	HCMW-7	HCMW-7	HCMW 7	HCMW-7	GW1011	HCMW 7	HCMW-7	HCMW-7	HCMW-7
Date		4/5/01	7/12/01	10/8/01	1/15/02	4/10/02	7/10/02	10/24/02	1/20/03	4/8/03	7/10/03	9/29/03
Conventionals	Units											
Chloride	mg/L								9.6			
Specific Conductance	mS/cm							0.15	0.144	0.169	0.155	0.157
Dissolved Oxygen	mg/L							11.08	8.91	8.74	5.24	12.3
Eh	mV							397	240	358	205	186
pH	pH							6.84	5.77	5.79	5.53	6.38
Total Suspended Solids	mg/L	3270	2910	3610	730	1550	1070	1150	15	33	9	5 U
Temperature	C							9.5	10.9	11.3	12.32	11.8
Turbidity	NTU							130.6	41.3	27.4	605	-10
Metals	Units											
Copper	mg/L								0.008 U			
Iron	mg/L								2.26			
Dissolved Metals	Units											
Calcium	mg/L	0.0127	13	12.3	12.6	12.6	14.1		12.1	13.4	12.7	11.3
Iron	mg/L	0.00002 U	0.02 U	0.658	0.02 U	0.02 U	3.58	0.191 J	0.0097 B	0.02 U	0.006 U	0.006 U
Magnesium	mg/L	0.00759	7.79	7.7	7.61	7.73	8.94	7.09	7.41	7.85	7.75	7.07
Potassium	mg/L	0.0021	2 U	2 U	2 U	2 U	2 U	1.16 B	1.14 B	1.18 B	1.57 B	1.26 B
Sodium	mg/L	0.00558	5.88	5.83	5.3	5.79	6.06	4.92	5.15	5.77	5.6	5.42
TPH	Units											
Diesel	ug/L											
Gasoline	ug/L											
Heavy Fuel Oil	ug/L											
Jet Fuel as Jet A	ug/L											
Kerosene	ug/L											
Lube Oil	ug/L											
Mineral Spirits	ug/L											
Non-PHC as Diesel	ug/L											
Non-PHC as Gasoline	ug/L											
PHC as Diesel	ug/L											
PHC as Gasoline	ug/L											
Diesel Range Organics	ug/L							45 U	45 U			
Residual Range Organics	ug/L							500 U	30 U			
Phenols	Units											
3,4-Dichlorophenol	ug/L							0.2 U	0.2 U		0.2 U	2 U
3,5-Dichlorophenol	ug/L							0.2 U	0.2 U		0.2 U	2 U
2,4,5-Trichlorophenol	ug/L							0.5 U	0.5 U		1.1 Ui	0.62 Ui
2,4,6-Trichlorophenol	ug/L							0.24 J	0.03 U		0.03 U	0.17 U
Pentachlorophenol	ug/L	0.5 U	0.5 U	0.99 UJ	0.06 U	0.43	0.2 U	0.33 J	0.06 U	0.06 U	0.079 J	0.12 U
Total Tetrachlorophenols	ug/L							0.4 U	0.4 U		0.4 U	0.27 U

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW-7	HCMW7	HCMW-7	HCMW-7	HCMW 7	HCMW-7	GW1011	HCMW 7	HCMW-7	HCMW-7	HCMW-7
Date		4/5/01	7/12/01	10/8/01	1/15/02	4/10/02	7/10/02	10/24/02	1/20/03	4/8/03	7/10/03	9/29/03
Volatiles	Units											
Benzene	ug/L											
Ethylbenzene	ug/L											
Toluene	ug/L											
Total Xylenes	ug/L											
PAHs	Units											
2-Methylnaphthalene	ug/L							0.025	0.0095 J			
Acenaphthene	ug/L							0.002 U	0.002 U			
Acenaphthylene	ug/L							0.002 J	0.0018 U			
Anthracene	ug/L							0.0011 U	0.0014 J			
Benzo(a)anthracene	ug/L							0.0028 J	0.0021 U			
Benzo(a)pyrene	ug/L							0.0019 J	0.0016 U			
Benzo(b)fluoranthene	ug/L							0.0067 J	0.002 J			
Benzo(g,h,i)perylene	ug/L							0.011 J	0.0037 U			
Benzo(k)fluoranthene	ug/L							0.0075 J	0.0015 J			
Chrysene	ug/L							0.0056 J	0.02 U			
Dibenz(a,h)anthracene	ug/L							0.0056 J	0.0022 J			
Fluoranthene	ug/L							0.02 U	0.02 U			
Fluorene	ug/L							0.0042 J	0.0026 U			
Indeno(1,2,3-cd)pyrene	ug/L							0.0069 J	0.0023 J			
Naphthalene	ug/L							0.022	0.0049 J			
Phenanthrene	ug/L							0.02 U	0.0046 J			
Pyrene	ug/L							0.0052 J	0.0023 U			
Total PAHs (calculated)	ug/L							0.0814	0.0189			

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Date		2/13/04	4/14/04	7/14/04	10/13/04	1/11/05
Conventionals	Units					
Chloride	mg/L					
Specific Conductance	mS/cm					0.152
Dissolved Oxygen	mg/L	11.59	4.27	5	4.78	
Eh	mV	130	211	221	183	2
pH	pH	3.120	5.55	5.5	5.75	4.97
Total Suspended Solids	mg/L	9	5 U	5 U	31	16
Temperature	C	10.67	10.71	11.97	11.22	10.69
Turbidity	NTU					-10
Metals	Units					
Copper	mg/L					
Iron	mg/L					
Dissolved Metals	Units					
Calcium	mg/L	10.8	11	10.6	10.6	11.5
Iron	mg/L	0.0067 U	0.006 U	0.02 U	0.01 U	0.02 U
Magnesium	mg/L	6.75	6.79	6.59	6.67	7.13
Potassium	mg/L	1.19 B	1.47 B	0.917 B	1.09 B	0.7 U
Sodium	mg/L	5.28	5.06	5.07	4.86	5.32
TPH	Units					
Diesel	ug/L					
Gasoline	ug/L					
Heavy Fuel Oil	ug/L					
Jet Fuel as Jet A	ug/L					
Kerosene	ug/L					
Lube Oil	ug/L					
Mineral Spirits	ug/L					
Non-PHC as Diesel	ug/L					
Non-PHC as Gasoline	ug/L					
PHC as Diesel	ug/L					
PHC as Gasoline	ug/L					
Diesel Range Organics	ug/L					
Residual Range Organics	ug/L					
Phenols	Units					
3,4-Dichlorophenol	ug/L	2 U	2 U	2 U	2 U	0.3 U
3,5-Dichlorophenol	ug/L	2 U	2 U	2 U	2 UJ	0.65 U
2,4,5-Trichlorophenol	ug/L	0.33 U	0.5 U	0.5 U	0.5 U	0.27 U
2,4,6-Trichlorophenol	ug/L	0.17 U	0.16 U	0.16 U	0.16 U	0.096 U
Pentachlorophenol	ug/L	0.12 U	0.095 U	0.095 U	0.095 U	0.29 U
Total Tetrachlorophenols	ug/L	1 Ui	0.26 U	0.26 U	0.26 U	0.66 U

Table 4.7 HCMW-5 through HCMW-7; Conventionals, Metals, TPH, Phenols, Volatiles, and PAHs (Continued)

Station ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Date		2/13/04	4/14/04	7/14/04	10/13/04	1/11/05
Volatiles	Units					
Benzene	ug/L					
Ethylbenzene	ug/L					
Toluene	ug/L					
Total Xylenes	ug/L					
PAHs	Units					
2-Methylnaphthalene	ug/L					
Acenaphthene	ug/L					
Acenaphthylene	ug/L					
Anthracene	ug/L					
Benzo(a)anthracene	ug/L					
Benzo(a)pyrene	ug/L					
Benzo(b)fluoranthene	ug/L					
Benzo(g,h,i)perylene	ug/L					
Benzo(k)fluoranthene	ug/L					
Chrysene	ug/L					
Dibenz(a,h)anthracene	ug/L					
Fluoranthene	ug/L					
Fluorene	ug/L					
Indeno(1,2,3-cd)pyrene	ug/L					
Naphthalene	ug/L					
Phenanthrene	ug/L					
Pyrene	ug/L					
Total PAHs (calculated)	ug/L					

Table 4.8 Groundwater data from Semivolatile Analyses (1990 - 2005)

Station		BXS-1	BXS-2	BXS-3	BXS-4	MW-1	MW-1	MW-2	MW-2	MW-2
Sample		BXS-1	BXS-2	BXS-3	BXS-4	MW-1	GW1008	MW-2	GW1006	MW-2
Date		8/29/90	8/29/90	8/29/90	8/29/90	8/29/90	10/24/02	8/29/90	10/23/02	11/3/05
Semivolatile	Units									
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U		50 U		
3,3'-Dichlorobenzidine	ug/L	20 U	20 U	20 U	20 U	20 U		20 U		
3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U		50 U		
4-Bromophenyl-phenylether	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
4-Chlorophenyl-phenylether	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U		50 U		
Aniline	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Benzidine	ug/L	100 U	100 U	100 U	100 U	100 U		100 U		
Benzoic acid	ug/L	50 U	50 U	50 U	50 U	50 U		50 U		
Benzyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Bis(2-Chloroisopropyl)ether	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Bis(2-ethylhexyl)phthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Butylbenzylphthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	0.0071 U	10 U	0.0071 U	0.0071 U
Diethylphthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Dimethylphthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Di-n-butylphthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Di-n-octylphthalate	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
N-Nitrosodimethylamine	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		
N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U		10 U		

Table 4.8 Groundwater data from Semivolatile Analyses

Station		MW-3	MW-3	MW-4	MW-5	MW-11	MW-14	MW-15	MW-15	MW-15	MW-15
Sample		MW-3	MW-3	MW-4	MW-5	GW1007	GW1002	GW1003	GW1004	GW3006	GW04102
Date		8/29/90	11/4/05	8/29/90	8/29/90	10/23/02	10/22/02	10/22/02	10/22/02	7/24/03	2/19/04
					Field blank				Field dup		
Semivolatile	Units										
1,2,4-Trichlorobenzene	ug/L	10 U		10 U	10 U						
1,2-Dichlorobenzene	ug/L	10 U		10 U	10 U						
1,3-Dichlorobenzene	ug/L	10 U		10 U	10 U						
1,4-Dichlorobenzene	ug/L	10 U		10 U	10 U						
2,4-Dinitrotoluene	ug/L	10 U		10 U	10 U						
2,6-Dinitrotoluene	ug/L	10 U		10 U	10 U						
2-Chloronaphthalene	ug/L	10 U		10 U	10 U						
2-Nitroaniline	ug/L	50 U		50 U	50 U						
3,3'-Dichlorobenzidine	ug/L	20 U		20 U	20 U						
3-Nitroaniline	ug/L	50 U		50 U	50 U						
4-Bromophenyl-phenylether	ug/L	10 U		10 U	10 U						
4-Chloroaniline	ug/L	10 U		10 U	10 U						
4-Chlorophenyl-phenylether	ug/L	10 U		10 U	10 U						
4-Nitroaniline	ug/L	50 U		50 U	50 U						
Aniline	ug/L	10 U		10 U	10 U						
Benzidine	ug/L	100 U		100 U	100 U						
Benzoic acid	ug/L	50 U		50 U	50 U						
Benzyl alcohol	ug/L	10 U		10 U	10 U						
Bis(2-Chloroethoxy)methane	ug/L	10 U		10 U	10 U						
Bis(2-Chloroethyl)ether	ug/L	10 U		10 U	10 U						
Bis(2-Chloroisopropyl)ether	ug/L	10 U		10 U	10 U						
Bis(2-ethylhexyl)phthalate	ug/L	10 U		10 U	10 U						
Butylbenzylphthalate	ug/L	10 U		10 U	10 U						
Dibenzofuran	ug/L	10 U	0.031 U	10 U	10 U	0.0072 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U
Diethylphthalate	ug/L	10 U		10 U	10 U						
Dimethylphthalate	ug/L	10 U		10 U	10 U						
Di-n-butylphthalate	ug/L	10 U		10 U	10 U						
Di-n-octylphthalate	ug/L	10 U		10 U	10 U						
Hexachlorobenzene	ug/L	10 U		10 U	10 U						
Hexachlorobutadiene	ug/L	10 U		10 U	10 U						
Hexachlorocyclopentadiene	ug/L	10 U		10 U	10 U						
Hexachloroethane	ug/L	10 U		10 U	10 U						
Isophorone	ug/L	10 U		10 U	10 U						
Nitrobenzene	ug/L	10 U		10 U	10 U						
N-Nitrosodimethylamine	ug/L	10 U		10 U	10 U						
N-Nitroso-di-n-propylamine	ug/L	10 U		10 U	10 U						
N-Nitrosodiphenylamine	ug/L	10 U		10 U	10 U						

Table 4.8 Groundwater data from Semivolatile Analyses

Station		MW-15	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16	MW-17	MW-17	MW-17
Sample		GW04103	GW05104	GW05106	MW-15	GW04104	GW05101	MW-16	GW04105	GW05102	MW-17
Date		2/19/2004	1/19/05	1/19/05	11/4/05	2/18/2004	1/17/05	11/3/05	2/18/2004	1/17/05	11/3/05
		Field dup		Field dup							
Semivolatile	Units										
1,2,4-Trichlorobenzene	ug/L										
1,2-Dichlorobenzene	ug/L										
1,3-Dichlorobenzene	ug/L										
1,4-Dichlorobenzene	ug/L										
2,4-Dinitrotoluene	ug/L										
2,6-Dinitrotoluene	ug/L										
2-Chloronaphthalene	ug/L										
2-Nitroaniline	ug/L										
3,3'-Dichlorobenzidine	ug/L										
3-Nitroaniline	ug/L										
4-Bromophenyl-phenylether	ug/L										
4-Chloroaniline	ug/L										
4-Chlorophenyl-phenylether	ug/L										
4-Nitroaniline	ug/L										
Aniline	ug/L										
Benzidine	ug/L										
Benzoic acid	ug/L										
Benzyl alcohol	ug/L										
Bis(2-Chloroethoxy)methane	ug/L										
Bis(2-Chloroethyl)ether	ug/L										
Bis(2-Chloroisopropyl)ether	ug/L										
Bis(2-ethylhexyl)phthalate	ug/L										
Butylbenzylphthalate	ug/L										
Dibenzofuran	ug/L	0.0071 U	0.0044 U	0.0044 U	0.0071 UJ	0.0071 U	0.0044 UJ	0.0071 U	0.0071 U	0.0044 UJ	0.0071 U
Diethylphthalate	ug/L										
Dimethylphthalate	ug/L										
Di-n-butylphthalate	ug/L										
Di-n-octylphthalate	ug/L										
Hexachlorobenzene	ug/L										
Hexachlorobutadiene	ug/L										
Hexachlorocyclopentadiene	ug/L										
Hexachloroethane	ug/L										
Isophorone	ug/L										
Nitrobenzene	ug/L										
N-Nitrosodimethylamine	ug/L										
N-Nitroso-di-n-propylamine	ug/L										
N-Nitrosodiphenylamine	ug/L										

Table 4.8 Groundwater data from Semivolatile Analyses

Station		MW-18	MW-18	MW-18	MW-18	FIELD
Sample		GW04106	GW05103	MW-18	MWC	MWD
Date		2/19/2004	1/17/05	11/3/05	11/3/05 Field Dup	11/4/05 Field Blank
Semivolatile	Units					
1,2,4-Trichlorobenzene	ug/L					
1,2-Dichlorobenzene	ug/L					
1,3-Dichlorobenzene	ug/L					
1,4-Dichlorobenzene	ug/L					
2,4-Dinitrotoluene	ug/L					
2,6-Dinitrotoluene	ug/L					
2-Chloronaphthalene	ug/L					
2-Nitroaniline	ug/L					
3,3'-Dichlorobenzidine	ug/L					
3-Nitroaniline	ug/L					
4-Bromophenyl-phenylether	ug/L					
4-Chloroaniline	ug/L					
4-Chlorophenyl-phenylether	ug/L					
4-Nitroaniline	ug/L					
Aniline	ug/L					
Benzidine	ug/L					
Benzoic acid	ug/L					
Benzyl alcohol	ug/L					
Bis(2-Chloroethoxy)methane	ug/L					
Bis(2-Chloroethyl)ether	ug/L					
Bis(2-Chloroisopropyl)ether	ug/L					
Bis(2-ethylhexyl)phthalate	ug/L					
Butylbenzylphthalate	ug/L					
Dibenzofuran	ug/L	0.0071 U	0.0044 UJ	0.0071 U	0.0071 U	0.0071 U
Diethylphthalate	ug/L					
Dimethylphthalate	ug/L					
Di-n-butylphthalate	ug/L					
Di-n-octylphthalate	ug/L					
Hexachlorobenzene	ug/L					
Hexachlorobutadiene	ug/L					
Hexachlorocyclopentadiene	ug/L					
Hexachloroethane	ug/L					
Isophorone	ug/L					
Nitrobenzene	ug/L					
N-Nitrosodimethylamine	ug/L					
N-Nitroso-di-n-propylamine	ug/L					
N-Nitrosodiphenylamine	ug/L					

Table 4.9 Groundwater data from Dioxin/Furan Analyses (1999 - 2005)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-1
Sample ID		BXS-1	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6	BXS-1	BXS-6
Date		10/04/99	10/05/00	10/05/00 Field dup	04/04/01	04/04/01 Field dup	10/02/01	10/02/01 Field dup	04/11/02	04/11/02 Field dup
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	4.998 U	3.956 U	3.806 U	2.3 U	2.8 U	3.5 U	1.2 U	6.06	6
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	4.612 U	3.839 U	3.883 U	3.2 U	9.5 UJB	4.4 U	1.5 U	7.98	7.9
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.423 U	2.749 U	2.667 U	3.4 U	6.7 UJB	4.1 U	1.5 U	8.94	8.86
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.252 U	2.631 U	2.729 U	3.5 U	6.6 U	4.9 U	2.2 J	8.46	8.38
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.155 U	2.528 U	2.542 U	3.5 U	10.1 UJB	4.4 U	2.2 UJ	8.56	8.48
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	6.641	3.349 U	2.566 U	6.8 U	11 UJB	10.8 J	16.2 J	15.7 J	5.9 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	78.237	20.864 UJB	14.638 UJB	17.2 UJ	36 UJB	57.8 JB	118	242 J	39.3 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	6.651 U	2.813 U	3.251 U	1.9 U	2.3 U	3.3 U	1 U	4.33	4.29
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	3.936 U	3.925 U	3.709 U	2.7 U	10.1 UJB	3.4 U	1.1 U	7.02	6.95
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	3.814 U	3.428 U	3.42 U	2.2 U	6.1 UJB	2.7 U	0.9 U	4.33	4.29
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	4.349 U	2.849 U	2.388 U	2.5 U	8 UJB	3.7 U	2.2 UJ	7.88	7.81
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	4.226 U	2.866 U	2.327 U	2.2 U	2.9 U	3.8 U	1.2 U	5.29	5.24
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	5.846 U	3.551 U	2.965 U	3.2 U	8.4 UJB	4.6 U	1.7 U	8.37	8.29
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	4.688 U	2.925 U	2.36 U	2.2 U	4.8 U	3.7 U	1.2 U	5.58	5.52
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	4.69 U	1.757 U	1.901 U	4.3 U	8.1 U	5.1 U	5.9 J	6.63	6.57
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	6.949 U	2.222 U	2.279 U	5.7 U	7.8 J	6.4 U	2.2 U	7.88	7.81
Octachlorodibenzofuran (OCDF)	pg/L	5.211 U	3.254 U	2.932 U	7.7 U	11 UJB	7.7 U	21.2 J	18.8	18.7
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	4.998 U	3.956 U	3.806 U	2.3 U	2.8 U	10.3 UJX	19 UJX	6.06	6
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	4.612 U	3.839 U	3.883 U	3.2 U	9.5 UJB	4.4 U	1.5 U	7.98	7.9
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	3.252 U	2.631 U	2.729 U	3.5 U	16.8 UJB	4.5 U	2.2	8.46	8.38
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	3.7 U	3.349 U	2.566 U	6.8 U	11 UJB	10.8	27.3	25.5	5.9
Tetrachlorodibenzofurans (TCDF), Total	pg/L	6.651 U	2.813 U	3.251 U	1.9 U	2.3 U	12.9 UJX	6 UJB	4.33	4.29
Pentachlorodibenzofurans (PeCDF), Total	pg/L	3.814 U	3.428 U	3.42 U	2.5 U	16.2 UJB	3 U	1 U	4.33	4.29
Hexachlorodibenzofurans (HxCDF), Total	pg/L	4.226 U	2.866 U	2.327 U	2.5 U	23.7 UJB	3.9 U	2.3	5.29	5.24
Heptachlorodibenzofurans (HpCDF), Total	pg/L	6.47	1.757 U	1.901 U	4.9 U	7.8 J	4.8 U	18.2	12.8	3.3
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.07423	0	0	0	0	0	0.0118	22.444	22.2252

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-2	BXS-2	BXS-2	BXS-2	BXS-2
Sample ID		BXS-1	BXS-1	BXS-1	BXS-1	BXS-1	BXS-2	BXS-2	BXS-2	BXS-2	GW1010
Date		01/16/03	07/17/03	02/18/04	07/13/04	01/13/05	10/05/00	04/04/01	10/02/01	04/11/02	10/24/02
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.42 U	1.018 U	1.242 U	4.559 U	0.772 U	4.185 U	3 U	2.9 U	1.6 J	0.799 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.94 U	1.056 U	1.15 U	4.07 U	0.491 U	4.408 U	4.2 U	3 U	1.6 J	1.361 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.577 U	1.152 U	1.379 U	4.31 U	0.611 U	3.131 U	4.9 U	2.9 U	9.3 J	1.628 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.718 U	1.176 U	1.559 U	5.345 U	0.725 U	3.04 U	4.8 U	2.8 U	2.7 J	1.831 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.509 U	1.136 U	1.361 U	4.463 U	0.671 U	2.902 U	4.9 U	2.8 U	2.4 UJ	1.638 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	3.637 U	2.468 J	2.202 U	6.901 U	14.706 UJ	3.017 U	10 UJB	5.5 UJ	54.1	2.063 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	23.086 J	16.525 UJ	9.624 J	9 U	154.545 UJ	11.422 UJ	87.8 UJB	44.2 JB	961	16.732 UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.821 U	1.037 U	0.588 U	2.78 U	0.906 U	3.232 U	2.7 U	2.6 U	4.5 J	0.993 UJ
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.87 U	0.861 U	0.826 U	3.655 U	0.331 U	3.514 U	3.7 U	2.3 U	7.3 J	0.879 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.686 U	0.743 U	0.821 U	3.247 U	0.309 U	3.075 U	2.8 U	1.8 U	2.2 J	0.769 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.511 U	0.895 U	0.787 U	2.79 U	1.286 J	3.194 U	3.6 UJB	2.2 U	2.9 UJ	0.758 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.523 U	0.747 U	0.87 U	2.995 U	0.327 U	3.179 U	2.8 U	2.2 U	5.5 J	0.749 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	2.339 U	1.276 U	1.053 U	3.613 U	0.377 U	3.914 U	4.1 U	2.5 U	1.7 UJ	1.214 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.889 U	0.893 U	0.862 U	2.854 U	0.358 U	3.159 U	3.1 U	2.2 U	1.8 UJ	0.83 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2.257 U	1.521 U	1.683 U	4.141 U	2.057 UJ	1.809 U	5.2 U	2.7 U	18.2 J	1.623 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	3.632 U	2.68 U	2.692 U	6.576 U	0.724 U	2.247 U	6.8 U	3 U	8.2 J	2.857 U
Octachlorodibenzofuran (OCDF)	pg/L	11.291 U	5.612 U	4.144 U	11.427 U	8.9 UJ	3.372 U	11.8 UJB	4.2 U	86.4 J	176.759 UJ
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.42 U	1.018 U	1.242 U	4.559 U	0.772 U	4.185 U	3 U	2.9 U	1.6	0.799 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.94 U	1.056 U	1.15 U	4.07 U	0.491 U	4.408 U	4.2 U	3 U	12.1	1.361 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	2.718 U	1.176 U	1.559 U	5.345 U	1.138	3.04 U	4.9 U	3.5 U	7.6	1.831 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	3.637 U	5.577	2.202 U	6.901 U	34.114	3.017 U	10 UJB	5.5 U	85.1	2.063 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	8.161	17.773	2.207	2.78 U	0.906 U	3.232 U	2.7 U	2.6 U	4.5	0.993 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.686 U	0.743 U	0.821 U	3.247 U	0.309 U	3.075 U	3.7 U	2 U	3.7 J	0.769 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.523 U	0.747 U	0.87 U	2.995 U	2.887	3.179 U	3.6 UJB	2.2 U	22.2	0.749 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.257 U	1.521 U	1.683 U	4.141 U	2.057	1.009 U	5.9 U	2.8 U	60.9	1.623 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0 U	0	0	0	0.6371	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-3	BXS-3	BXS-3	BXS-3
Sample ID		BXS-2	BXS-2	BXS-2	BXS-2	BXS-2	BXS-3	BXS-3	BXS-3	BXS-3
Date		01/16/03	07/16/03	02/12/04	07/12/04	01/13/05	10/05/00	04/04/01	10/02/01	04/11/02
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.203 U	1.587 U	1.483 U	4.071 U	0.758 U	4.052 U	3.4 U	4.3 U	6
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.998 U	1.801 U	1.375 U	3.932 U	0.53 U	4.269 U	5 U	4.9 U	7.9
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.528 U	1.783 U	1.532 U	4.623 U	0.65 U	3.383 U	5.7 U	5.3 U	8.86
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.696 U	1.86 U	1.75 U	5.726 U	0.786 U	3.396 U	6.1 U	5.8 U	8.38
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.473 U	1.778 U	1.52 U	4.783 U	0.72 U	3.193 U	6 U	5.5 U	8.48
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	3.447 U	3.346 U	2.897 U	8.026 U	15.766 UJ	2.777 U	11.3 U	8.2 U	11.2 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	12.657 UJ	9.632 U	25.098 UJ	12.428 U	176.872 UJ	24.681 UJB	122 UJB	18.4 UJB	115
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.742 U	1.719 U	0.819 U	2.988 U	0.758 U	2.727 U	3.4 U	3.9 U	4.29
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.364 U	1.487 U	0.942 U	4.077 U	0.413 U	3.78 U	3.9 U	3.8 U	6.95
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.222 U	1.414 U	0.899 U	3.583 U	0.313 U	3.353 U	3.7 U	2.9 U	4.29
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.99 U	0.838 U	0.766 U	2.685 U	0.3 U	3.407 U	4.3 U	4.1 U	7.81
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.961 U	0.69 U	0.842 U	2.912 U	0.322 U	3.316 U	3.6 U	4.2 U	5.24
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.669 U	1.186 U	0.925 U	3.868 U	0.417 U	4.229 U	5.8 U	5.9 U	8.29
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.237 U	0.888 U	0.786 U	2.769 U	0.288 U	3.265 U	3.9 U	4.1 U	2.1 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2.786 U	2.309 U	1.485 U	4.756 U	1.933 UJ	2.421 U	6.4 U	5.7 U	6.57
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4.749 U	4.377 U	2.034 U	8.283 U	0.784 U	3.003 U	9.5 U	7 U	7.81
Octachlorodibenzofuran (OCDF)	pg/L	11.18 U	13.336 U	5.043 U	16.751 U	11.134 UJ	3.951 U	12 U	10 U	18.7
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.203 U	1.587 U	1.483 U	4.071 U	0.758 U	4.052 U	3.4 U	4.3 U	6
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.998 U	1.801 U	1.375 U	3.932 U	0.53 U	4.269 U	5 U	4.9 U	7.9
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	2.696 U	1.778 U	1.75 U	5.726 U	0.65 U	3.396 U	5.9 U	5.5 U	8.38
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	3.447 U	3.346 U	2.897 U	8.026 U	36.519	2.777 U	11.3 U	8.2 U	11.2
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.742 U	1.719 U	0.819 U	2.988 U	0.758 U	2.727 U	3.4 U	3.9 U	11.3 J
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.222 U	1.414 U	0.899 U	3.583 U	0.313 U	3.353 U	3.8 U	3.3 U	4.7
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.961 U	0.838 U	0.842 U	2.912 U	1.285	3.316 U	4.3 U	4.5 U	3.7
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.786 U	2.309 U	1.485 U	4.756 U	7.025	2.421 U	7.7 U	6.3 U	6.57
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0 U	0	0	0	21.6847

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-4	BXS-4	BXS-4
Sample ID		GW1005	BXS-3	BXS-3	BXS-3	BXS-3	BXS-3	BXS-4	BXS-4	BXS-4
Date		10/23/02	01/16/03	07/17/03	02/12/04	07/12/04	01/13/05	10/05/00	04/04/01	10/02/01
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.137 U	1.396 U	1.247 U	1.413 U	3.918 U	0.474 U	4.346 U	2.8 U	2.9 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.524 U	1.687 U	1.368 U	1.561 U	3.397 U	0.587 U	4.705 U	3.5 U	3.5 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.677 U	1.958 U	0.849 U	1.219 U	3.535 U	0.378 U	3.119 U	4.1 U	8.9 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.826 U	2.165 U	0.908 U	1.455 U	4.601 U	0.472 U	3.139 U	4.4 U	17.8 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.658 U	1.952 U	0.859 U	1.238 U	3.749 U	0.426 U	2.949 U	4.3 U	17 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	14.439 J	17.051 J	2.253 U	1.7 U	6.73 U	8.491 UJ	48.164	8.1 U	612
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	172.74	185.914	13.997 UJ	6.815 UJ	13.969 U	148.972 UJ	485.805	109 U	7490
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.212 UJ	1.155 U	1.036 U	0.9 U	2.187 U	1.492 U	3.174 U	2.7 U	2.8 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.945 U	1.318 U	0.848 U	0.851 U	3.404 U	0.259 U	3.941 U	2.9 U	3 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.838 U	1.136 U	0.768 U	0.803 U	3.267 U	0.262 U	3.674 U	2.9 U	2.2 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.148 U	1.325 U	0.884 U	0.799 U	2.191 U	1.274 J	3.376 U	9.1 U	7.1 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.141 U	1.335 U	0.744 U	0.869 U	2.4 U	0.175 U	3.334 U	5.9 U	3.4 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.87 U	1.96 U	1.259 U	1.051 U	3.319 U	0.205 U	4.061 U	4.6 U	4.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.361 U	1.605 U	0.928 U	0.919 U	2.42 U	0.196 U	3.399 U	6.1 UJB	3.4 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	4.303 UJ	2.054 U	1.507 U	1.554 U	3.848 U	1.688 UJ	11.355	11.7 U	117
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	3.563 U	3.35 U	2.634 U	2.131 U	6.736 U	0.503 U	2.545 U	7.6 U	14.3 J
Octachlorodibenzofuran (OCDF)	pg/L	304.381 UJ	17.95 J	5.587 U	3.277 U	14.511 U	11.576 UJ	56.22 UJB	9.1 U	506
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.137 U	1.396 U	1.247 U	1.413 U	3.918 U	0.474 U	4.346 U	2.8 U	2.9 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.524 U	1.687 U	1.368 U	1.561 U	3.397 U	0.587 U	4.705 U	3.5 U	3.5 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.826 U	2.165 U	0.908 U	1.455 U	4.601 U	0.378 U	3.139 U	4.3 U	48.7
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	14.439	17.051	2.253 U	1.7 U	6.73 U	17.101	3.105 U	8.1 U	915
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.212 U	1.155 U	1.036 U	0.9 U	2.187 U	1.492 U	3.174 U	2.7 U	2.8 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.838 U	1.136 U	0.768 U	0.803 U	3.267 U	0.262 U	3.674 U	2.9 U	86.5 UJX
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.544	1.335 U	0.744 U	0.869 U	2.4 U	1.81	3.334 U	6.1 UJB	219
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.023 U	2.054 U	1.507 U	1.554 U	3.848 U	5.98	2.093 U	11.7 U	438
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.01727	0.01859	0	0	0	0 U	0.64377	0	8.0896

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	HCMW-5	HCMW-5
Sample ID		BXS-4	GW1001	BXS-4	BXS-4	BXS-4	BXS-4	BXS-4	HCMW-5	HCMW 5
Date		04/11/02	10/22/02	01/15/03	07/10/03	02/10/04	07/12/04	01/12/05	04/05/01	01/20/03
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	6.06	1.466 U	2.256 U	1.029 U	1.023 U	3.566 U	0.678 U	0.3 U	2.772 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	7.98	1.877 U	3.142 U	1.02 U	1.154 U	4.28 U	0.618 U	0.4 U	3.939 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.94	2.395 U	4.027 U	0.88 U	1.078 U	3.809 U	0.32 U	0.3 U	4.036 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.46	2.52 U	4.36 U	0.919 U	3.184 J	4.906 U	0.392 U	0.3 U	4.684 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.56	2.327 U	3.971 U	0.879 U	1.186 U	4.018 U	0.357 U	0.3 U	4.264 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	8.65	4.166 U	5.786 UJ	5.273 J	3.698 J	8.488 U	1.169 UJ	11.5 J	8.636 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	83.9 J	43.765 J	179.208	46.806 J	17.577 UJ	16.755 U	7.905 UJ	247	80.598 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	4.33	1.54 UJ	1.774 U	1.126 U	0.729 U	2.025 U	1.129 U	0.46 J	2.711 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	7.02	1.316 U	2.201 U	1.15 U	0.921 U	2.265 U	0.436 U	0.3 U	2.52 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	4.33	1.117 U	1.91 U	1.057 U	0.899 U	2.13 U	0.421 U	0.2 U	2.231 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	7.88	1.023 U	2.074 U	1.316 U	2.477 J	2.814 U	1.016 UJ	0.55 J	2.32 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	5.29	1.053 U	2.051 U	1.133 U	0.834 U	3.053 U	0.427 U	0.2 U	2.406 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	8.37	1.712 U	2.902 U	2.092 U	0.943 U	4.174 U	0.552 U	0.3 U	3.217 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	5.58	1.208 U	2.726 U	1.502 U	0.782 U	3.208 U	0.513 U	0.2 U	2.653 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	6.63	4.343 J	2.653 U	2.345 U	3.406 J	4.424 U	0.301 U	1.6 J	3.682 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	7.88	3.531 U	3.83 U	4.657 U	1.903 U	7.715 U	0.409 U	0.4 U	6.155 U
Octachlorodibenzofuran (OCDF)	pg/L	13.5 J	400.93 UJ	100 U	24.339 UJ	5.215 UJ	18.626 U	0.548 U	5.9 UJB	11.465 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	6.06	1.466 U	2.256 U	1.029 U	15.804	3.566 U	0.678 U	1.7 U	2.772 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	7.98	1.877 U	3.142 U	1.02 U	21.104	4.28 U	0.618 U	1.5 U	3.939 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	8.46	2.52 U	4.36 U	0.919 U	7.314	4.906 U	0.32 U	8.9 U	4.684 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	8.65	4.256	6.791	9.965	3.698	8.488 U	0.348 U	11.5 J	8.636
Tetrachlorodibenzofurans (TCDF), Total	pg/L	4.33	1.54 U	1.774 U	1.126 U	0.729 U	2.025 U	1.129 U	1.5 J	2.711 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	4.33	1.117 U	1.91 U	1.057 U	4.018	2.13 U	0.421 U	0.2 U	2.231 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	5.29	1.053 U	2.051 U	1.133 U	7.977	3.053 U	0.301 U	1.1 UJB	2.406 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	6.63	4.343	8.938	2.345 U	3.406	4.424 U	1.016	5.5 J	3.682 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	22.5286	0	0.01792	0	0	0	0	0.0247	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6
Sample ID		HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-6	HCMW 6	GW1009	HCMW 6	HCMW-6
Date		07/10/03	02/12/04	07/13/04	01/11/05	10/09/01	04/10/02	10/24/02	01/20/03	07/10/03
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.959 U	1.679 U	4.588 U	0.607 U	0.6 U	6.24	0.973 U	3.378 U	1.207 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.02 U	2.079 U	4.026 U	0.472 U	0.6 U	8.22	1.102 U	3.639 U	0.996 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.136 U	1.782 U	4.04 U	0.335 U	0.6 U	9.21	1.466 U	3.786 U	1.242 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.253 U	2.1 U	5.011 U	0.409 U	0.9 U	8.71	1.71 U	4.463 U	1.36 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.169 U	1.797 U	4.185 U	0.373 U	1.1 UJB	8.81	1.503 U	4.031 U	1.273 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	2.29 J	2.691 U	7.995 U	1.668 UJ	3.7 J	5.5 UJ	2.031 U	5.804 U	1.815 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	24.067 J	13.787 UJ	84.407 J	20.831 UJ	37.9 J	56.3 UJ	34.731 J	11.67 U	10.828 UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.89 U	0.915 U	3.219 U	1.742 U	0.5 U	4.46	1.023 UJ	3.732 U	1.163 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.958 U	1.354 U	3.774 U	0.286 U	0.5 U	7.23	0.937 U	3.361 U	1.017 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.89 U	1.254 U	3.373 U	0.266 U	0.4 U	4.46	0.81 U	3.103 U	0.947 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.352 U	0.962 U	3.371 U	0.284 U	1 U	8.12	0.925 U	3.162 U	1.191 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.112 U	1.061 U	3.543 U	0.293 U	0.5 U	5.45	0.953 U	3.133 U	0.993 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	2.15 U	1.243 U	4.585 U	0.388 U	1 J	8.61	1.634 U	4.105 U	1.906 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.517 U	1.068 U	3.38 U	0.329 U	0.5 U	5.74	1.129 U	3.423 U	1.343 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2.233 U	1.643 U	3.594 U	0.312 U	1.5 UJB	1.7 UJ	1.494 U	4.155 U	3.116 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4.062 U	2.284 U	5.835 U	0.441 U	0.6 U	8.12	3.028 U	6.915 U	5.977 U
Octachlorodibenzofuran (OCDF)	pg/L	26.183 UJ	5.123 U	17.576 U	2.051 UJ	5.7 UJB	7.7 UJ	124.677 UJ	13.137 U	4.935 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.959 U	1.679 U	4.588 U	0.607 U	27.4 U	6.24	0.973 U	3.378 U	1.207 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.02 U	2.079 U	4.026 U	0.472 U	7.5 U	8.22	1.102 U	3.639 U	0.996 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.169 U	2.1 U	5.011 U	0.335 U	1.1 UJB	8.71	1.71 U	4.463 U	1.273 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2.29	2.691 U	7.995 U	2.68	3.7	5.5	2.031 U	5.804 U	1.815 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.89 U	0.915 U	3.219 U	1.742 U	1.4	4.46	1.023 U	3.732 U	1.163 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.89 U	1.254 U	3.373 U	0.266 U	0.4 U	4.46	0.81 U	3.103 U	0.947 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.352 U	1.061 U	3.543 U	0.284 U	1 UJB	5.45	0.953 U	3.133 U	1.191 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.233 U	1.643 U	3.594 U	0.312 U	4.3 UJB	1.7	2.255 UJ	4.155 U	3.116 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0	23.0437	0	0	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
Sample ID		HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7	HCMW 7	GW1011	HCMW 7	HCMW-7
Date		02/12/04	07/13/04	01/11/05	04/05/01	10/08/01	04/10/02	10/24/02	01/20/03	07/10/03
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.276 U	4.299 U	1.466 U	0.6 U	1 U	6.06	0.989 U	3.495 U	1.057 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.533 U	4.052 U	0.844 U	0.93 J	1.8 U	7.98	1.389 U	4.31 U	1.126 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.445 U	3.16 U	0.95 U	1.4 J	1.8 J	5.1 J	1.913 U	4.839 U	1.064 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.709 U	3.994 U	1.116 U	5.4 J	2.4 J	10.1 J	2.209 U	5.869 U	1.146 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.46 U	3.305 U	1.038 U	3.3 J	2.6 UJB	10.4 J	1.951 U	5.226 U	1.081 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	4.52 J	6.503 U	1.064 U	535	13.9 J	251	21.445 J	7.992 U	5.408 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	45.827 BJ	11.777 U	8.832 UJ	6730	150	3200	258.82	82.02 UJ	49.09 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.716 U	2.39 U	3.439 U	0.3 U	0.9 U	4.33	1.334 UJ	3.211 U	1.036 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.711 U	3.979 U	0.6 U	0.89 J	1.9 U	4.2 J	1.372 U	3.169 U	1.136 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.696 U	3.621 U	0.534 U	0.37 J	1.2 UJB	4.33	1.115 U	2.866 U	1.021 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.907 U	2.488 U	0.534 U	2.2 J	2.6 UJB	6.7 JB	1.104 U	3.351 U	1.185 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.991 U	2.682 U	0.579 U	1.2 J	2.2 UJB	5.29	1.115 U	3.459 U	0.991 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.087 U	3.725 U	0.81 U	0.6 U	1.7 J	6.5 J	1.986 U	4.577 U	1.885 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.985 U	2.652 U	0.75 U	1.3 J	2 UJB	5.5 J	1.25 U	3.686 U	1.317 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.093 U	3.878 U	0.603 U	70.6	4 U	67	8.555 J	5.383 U	2.893 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.536 U	6.86 U	0.855 U	3 J	1.9 J	9.7 J	3.62 U	8.841 U	5.218 U
Octachlorodibenzofuran (OCDF)	pg/L	7.518 UJ	14.976 U	1.079 U	494	13.4 UJB	270	382.855 UJ	16.206 U	21.391 UJ
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.276 U	4.299 U	1.466 U	2.1 U	32.5 U	6.06	0.989 U	3.495 U	1.057 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.533 U	4.052 U	0.844 U	1.4 J	9.5 U	7.98	1.389 U	4.31 U	1.126 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.709 U	3.994 U	0.95 U	19.8 J	6.8	38.9	2.209 U	5.869 U	1.081 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	7.102	6.503 U	1.064 U	933	23.7	436	40.054	7.992 U	5.408
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.716 U	2.39 U	3.439 U	2.4 U	3.5	4.33	1.334 U	3.211 U	1.036 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.696 U	3.621 U	0.534 U	3 J	1.2 UJB	14	1.115 U	2.866 U	1.021 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.991 U	2.682 U	0.534 U	30.5 J	16.3	93.7 J	1.115 U	3.459 U	1.185 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.093 U	3.878 U	0.603 U	311	10.8	208	23.426	5.383 U	2.893 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	6.7784	0.015	20.694	0.02588	0	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		HCMW-7		HCMW-7		HCMW-7	
Sample ID		HCMW-7		HCMW-7		HCMW-7	
Date		02/13/04		07/14/04		01/11/05	
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.741	U	5.094	U	0.522	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	2.012	U	4.907	U	0.326	U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.943	U	4.062	U	0.235	U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.536	U	5.341	U	0.283	U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.068	U	4.328	U	0.26	U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	4.511	U	402.491		1.138	UJ
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	17.716	UJ	3852.833		14.058	UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.226	U	3.921	U	1.249	U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.759	U	3.926	U	0.192	U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.736	U	4.313	U	0.181	U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.431	U	2.95	U	0.266	U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.548	U	3.293	U	0.288	U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.9	U	4.385	U	0.342	U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.635	U	3.356	U	0.32	U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2.414	U	39.989	J	0.249	U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	3.804	U	11.404	U	0.328	U
Octachlorodibenzofuran (OCDF)	pg/L	8.121	U	377.523		2.045	UJ
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.741	U	5.094	U	0.522	U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	2.012	U	4.907	U	0.326	U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	2.536	U	20.573		0.235	U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	4.511	U	737.989		1.138	
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.226	U	3.921	U	1.249	U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.736	U	4.313	U	0.181	U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.548	U	45.683		0.266	U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.414	U	150.55		0.249	U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0		4.447946		0	

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID		MW-1	MW-1	MW-1	MW 1	GW1008	MW-1	MW-1	MW-1	MW-1
Date		10/4/00	4/5/01	10/8/01	4/10/02	10/24/02	1/21/03	7/15/03	2/11/04	7/14/04
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	4.652 U	0.9 U	0.7 U	6.06	0.647 U	3.148 U	2.363 U	1.825 U	4.442 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	2.978 U	1.4 J	0.7 U	3.3 J	1.24 U	3.774 U	1.872 U	1.985 U	5.055 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.125 U	1.3 J	2 J	8.94	1.097 U	4.804 U	2.062 U	1.666 U	4.72 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.159 U	7.7 U	16.4 J	40.1 J	3.237 J	5.343 U	2.178 U	2.034 U	6.297 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.96 U	3.4 J	6.5 JB	11.3 J	1.131 U	4.803 U	2.068 U	1.711 U	5.074 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	180.339	425	460	1210	48.151 J	6.637 U	3.364 U	18.547 J	9.107 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	1493.025	3750	3440	9280	368.238	58.569 UJ	16.198 J	151.699 B	62.745 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	3.377 U	0.78 J	0.5 U	2.7 UJ	0.92 UJ	3.149 U	1.757 U	0.948 U	3.38 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	3.462 U	2.1 J	0.6 U	7.02	0.664 U	2.822 U	1.651 U	1.053 U	3.516 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	3.224 U	1.3 J	0.4 U	4.33	0.572 U	2.693 U	1.471 U	1.019 U	3.788 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	3.326 U	2.6 J	5.6 U	16.8 JB	0.62 U	2.517 U	1.41 U	1.224 U	3.54 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	3.367 U	1.4 U	2.1 UJB	7.2 J	0.661 U	2.691 U	1.172 U	1.378 U	4.085 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	4.098 U	1.5 J	0.6 U	4 J	1.06 U	4.298 U	1.859 U	1.565 U	5.774 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	3.337 U	1.8 J	2.9 UJB	10 J	0.724 U	3.017 U	1.479 U	1.345 U	4.157 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	25.03	29.2 J	70.3	192	11.902 J	4.103 U	2.286 U	2.112 U	5.914 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4.211 U	2.3 U	4.1 J	15.4 J	2.509 U	7.008 U	4.141 U	2.99 U	9.361 U
Octachlorodibenzofuran (OCDF)	pg/L	83.167	108	139	439	253.431 UJ	16.893 U	9.652 U	6.008 U	19.086 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	4.652 U	1.8 U	25.2 U	6.06	0.647 U	3.148 U	2.363 U	1.825 U	4.442 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	2.978 U	1.4 J	8.9 U	3.3	1.24 U	3.774 U	1.872 U	1.985 U	5.055 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	3.159 U	7.9 J	40.2	127	-999	5.343 U	2.178 U	2.034 U	4.72 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	4.185 U	706	782	2010	89.86	6.637 U	3.364 U	27.65	9.107 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	3.377 U	0.78 J	7.4 U	5.3 J	0.92 U	3.149 U	1.757 U	0.948 U	3.38 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	3.224 U	3.3 J	24.5 UJX	54.6 J	0.572 U	2.693 U	1.471 U	1.019 U	3.788 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	3.367 U	18.6 J	294 UJX	465 J	8.348	2.691 U	1.172 U	1.378 U	3.54 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	3.621 U	157	349 UJX	782	42.363	4.103 U	2.286 U	4.382	5.914 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	2.211309	4.636	5.6609	24.462	0.03682	0	0	0.01517	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID		MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-A	MW 2	MW A
Date		1/10/05	10/4/99	1/13/00	10/4/00	4/5/01	10/9/01	10/9/01 Field dup	4/10/02	4/10/02 Field dup
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.554 U	3.693 U	2.282 U	4.353 U	0.6 U	0.5 U	0.7 U	6.18	6.3
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.329 U	103.196	4.524 U	4.399 U	0.7 U	0.5 U	0.8 U	8.14	8.3
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.288 U	262.243	2.101 U	3.125 U	1 J	1.5 J	1.4 J	9.12	2.4 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.351 U	781.167	1.8 U	3.129 U	3.5 J	4.4 J	4.1 J	3.9 J	8.8
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.321 U	569.969	1.795 U	2.951 U	2.4 J	4.1 UJB	3.7 B	3.2 J	5.7 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	15.97 B	25496.666	68.221	58.227 UJX	321	133	99.9	115	101
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	197.506 B	228345.14	654.072 UJB	598.303 UJX	3540	1500	1130	1250	1060
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.172 U	6.083 U	2.74 U	3.138 U	0.4 U	0.4 U	0.6 U	4.41	4.5
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.242 U	8.434 U	3.224 U	3.676 U	0.5 U	0.4 U	0.6 U	7.16	7.3
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.252 U	7.576 U	3.096 U	3.405 U	0.4 U	0.3 U	0.5 U	4.41	4.5
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.819 UJ	3102.406	10.286 J	4.188 U	1 U	1.6 UJB	1.6 UJB	2.3 UJ	8.2
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.301 U	249.855 U	3.03 U	4.305 U	0.4 U	0.88 UJB	0.86 UJB	5.39	2.1 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.362 U	370.885 U	3.35 U	5.368 U	0.5 U	0.5 U	0.7 U	1.6 J	8.7
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.326 U	276.499 U	4.61 U	4.202 U	0.8 U	1.6 UJB	1.4 U	1.4 J	2.2 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.742 UJ	3294.053	6.201 UJX	8.78 UJX	22 J	19.5 JB	15.8 JB	19 J	17.3 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	0.349 U	383.684 U	5.967 U	2.586 U	1.4 U	2.3 J	1.5 J	3.4 J	4.2 J
Octachlorodibenzofuran (OCDF)	pg/L	6.569 UJ	17067.186	57.903	55.497	216	93.7 J	72.1 J	97.5 J	87.2 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.554 U	3.693 U	2.282 U	4.353 U	1.9 U	24.5 U	83.7 U	6.18	6.3
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.329 U	249.241	4.524 U	4.399 U	0.7 U	7.6 U	7.7 U	8.14	8.3
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	0.288 U	3248.586	1.8 U	3.129 U	15.7	22.3	18.7	19.1	10.6
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	27.467	25496.666	117.507	3.319 U	517	226	170	194	169
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.172 U	35.993	2.74 U	3.138 U	0.3 U	2.6	11.2 U	4.41	4.5
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.252 U	166.117	3.096 U	3.405 U	1.1	28.2 UJX	9.1 UJX	9.3	6.9
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.808	1562.074	3.03 U	4.305 U	19.5 UJX	79 UJX	39.3 UJX	51.1 J	49.1 J
Heptachlorodibenzofurans (HpCDF), Total	pg/L	6.621	4644.99	23.654	2.095 U	121	90.1 UJX	59.1	66.3	62.6 J
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.1794506	887.22292	0.688	0.00555	3.586	1.48	1.482	20.05	21.351

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3
Sample ID		GW1006	MW-2	MW-A	MW-2	MW-A	MW-2	MW-2	MW-2	MW-3
Date		10/23/02	1/17/03	1/17/03 Field dup	7/16/03	7/16/03 Field dup	2/13/04	7/14/04	1/11/05	10/5/99
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.125 U	5.962 U	3.362 U	1.28 U	1.264 U	2.146 U	5.046 U	0.624 U	3.862 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.207 U	8.002 U	4.302 U	0.864 U	1.269 U	2.424 U	4.521 U	0.465 U	3.921 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.255 U	7.572 U	4.603 U	1.047 U	0.91 U	2.367 U	4.399 U	0.309 U	3.198 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.412 U	8.554 U	5.403 U	1.087 U	0.96 U	3.017 U	5.483 U	0.393 U	6.48
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.263 U	7.891 U	4.891 U	1.043 U	0.915 U	2.486 U	4.569 U	0.351 U	7.04
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	2.77 U	11.595 U	10.096 UJ	13.844 J	14.658 J	33.777 J	10.003 U	73.765 BJ	244.866
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	19.029 UJ	13.766 U	130.091	163.919	172.943	352.781 B	16.115 U	794.216 BJ	2644.248
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.988 UJ	6.08 U	2.887 U	0.902 U	1.162 U	1.511 U	4.34 U	1.922 U	4.806 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.006 U	7.724 U	3.77 U	0.859 U	0.898 U	1.298 U	3.551 U	0.362 U	3.206 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.862 U	6.671 U	3.388 U	0.724 U	0.801 U	1.314 U	3.928 U	0.352 U	2.838 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.021 U	4.387 U	2.722 U	0.65 U	0.768 U	1.836 U	3.856 U	0.319 U	32.97
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.043 U	4.468 U	2.795 U	0.541 U	0.654 U	2.022 U	4.268 U	0.338 U	7.827 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.708 U	6.552 U	3.757 U	0.732 U	0.909 U	2.618 U	5.85 U	0.399 U	9.881 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.297 U	5.107 U	3.076 U	0.613 U	0.745 U	2.126 U	4.24 U	0.385 U	7.629 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.794 J	6.905 U	4.517 U	1.975 J	2.427 J	4.22 J	5.605 U	9.204	63.067
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	2.762 U	11.23 U	7.06 U	1.447 U	1.558 U	3.436 U	9.488 U	7.321	13.608 U
Octachlorodibenzofuran (OCDF)	pg/L	190.855 UJ	18.259 U	13.19 U	13.894 J	16.553 J	33.663 UJ	26.345 U	66.03 UJ	320.309
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.125 U	5.962 U	3.362 U	1.28 U	1.264 U	2.146 U	5.046 U	0.624 U	3.862 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.207 U	8.002 U	4.302 U	0.864 U	1.269 U	2.424 U	4.521 U	0.465 U	3.921 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.412 U	8.554 U	5.403 U	1.087 U	0.96 U	3.017 U	4.399 U	5.865	15.095
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2.77 U	11.595 U	6.467 U	25.474	14.658	33.777	10.003 U	127.227	244.866
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.988 U	6.08 U	2.887 U	0.902 U	1.162 U	1.511 U	4.34 U	1.922 U	4.806 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.862 U	6.671 U	3.388 U	0.724 U	0.801 U	1.314 U	3.928 U	1.646	2.838 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.043 U	4.468 U	2.795 U	0.541 U	0.901	2.022 U	3.856 U	9.022	15.83
Heptachlorodibenzofurans (HpCDF), Total	pg/L	3.232	6.905 U	4.517 U	7.812	9.208	4.22	5.605 U	44.499	10.84 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0.01301	0.01639	0.01729	0.03528	0	0.98232	8.024786

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID		MW-3	MW-3	MW-6	MW-3	MW-A	MW-3	MW 3	GW1014	GW1015
Date		1/13/00	10/4/00	10/4/00	4/5/01	4/5/01	10/8/01	4/10/02	10/25/02	10/25/02
				Field dup		Field dup				Field dup
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2.93 U	3.447 U	4.1 U	1 U	0.3 U	0.7 U	6.12	3.314 U	2.552 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	3.117 U	3.158 U	3.558 U	1.1 U	0.3 U	0.7 U	8.06	3.798 U	2.874 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.676 U	3.159 U	2.897 U	0.9 U	0.3 U	0.7 U	9.03	6.078 U	3.04 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.473 U	3.252 U	2.884 U	1 U	0.3 U	0.8 U	8.54	6.45 U	3.333 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.456 U	3.023 U	2.722 U	0.9 U	0.3 U	0.7 U	8.64	5.927 U	3.016 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	6.783 UJX	2.58 U	2.456 U	2.2 U	6 J	1.2 UJ	8.74	7.658 U	5.528 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	70.488 UJB	12.284 UJX	20.174 UJX	51.9 J	127	9.1 UJB	20.7 UJ	17.889 U	12.556 UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	3.586 U	2.843 U	2.566 U	0.6 U	0.2 U	0.5 U	4.37	3.79 UJ	2.661 UJ
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	2.03 U	3.29 U	2.802 U	0.8 U	0.3 U	0.5 U	7.09	3.304 U	2.245 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.969 U	3.064 U	2.687 U	0.7 U	0.2 U	0.4 U	4.37	2.728 U	1.927 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.925 U	2.691 U	2.571 U	0.7 U	0.2 U	0.71 UJB	7.96	2.343 U	1.616 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.835 U	2.718 U	2.618 U	0.7 U	0.2 U	0.5 U	5.34	2.449 U	1.615 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	2.014 U	3.389 U	3.158 U	0.9 U	0.3 U	0.6 U	8.45	3.773 U	2.589 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.715 U	2.663 U	2.477 U	0.6 U	0.2 U	0.5 U	5.63	2.823 U	1.859 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	3.529 U	2.237 U	1.995 U	1.1 U	0.75 J	0.6 U	6.7	3.925 U	3.234 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4.805 U	2.55 U	2.396 U	1.4 U	0.4 U	0.7 U	7.96	7.104 U	5.325 U
Octachlorodibenzofuran (OCDF)	pg/L	7.185	3.068 U	3.471 U	2.9 U	5.6 U	1.1 U	19	25.466 U	11.372 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2.93 U	3.447 U	4.1 U	1 U	1.5 U	93.5 U	6.12	3.314 U	2.552 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	3.117 U	3.158 U	3.558 U	1.3 U	1.2 U	1.4	8.06	3.798 U	2.874 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.473 U	3.252 U	2.884 U	8.7 U	7.4 U	0.56 UJB	8.54	6.45 U	3.333 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2.69 U	2.58 U	2.456 U	2.3 U	9.6	2.1 U	8.74	7.658 U	5.528 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	3.586 U	2.843 U	2.566 U	1.3 U	0.7	12.2 U	4.37	3.79 U	2.661 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.969 U	3.064 U	2.687 U	0.7 U	0.2 U	1.5 U	4.37	2.728 U	1.927 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1.835 U	2.718 U	2.618 U	0.7 U	0.37 UJB	0.71 UJB	5.34	2.449 U	1.615 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	3.529 U	2.237 U	1.995 U	1.2 U	3.1	0.6 U	6.7	3.925 U	3.234 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.0007	0	0	0	0.013	0	22.751	0	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-10	MW-10	MW-10
Sample ID		MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-10	MW-10	MW-10
Date		1/21/03	7/21/03	2/19/04	7/21/04	1/19/05	10/4/00	7/17/03	2/13/04	7/19/04
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2.705 U	1.147 U	0.861 U	0.928 U	0.233 U	3.948 U	1.461 U	1.455 U	0.935 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	3.671 U	1.005 U	0.983 U	1.515 U	0.236 U	3.421 U	1.07 U	2.135 U	1.746 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.506 U	1.074 U	0.941 U	1.433 U	0.181 U	2.897 U	1.117 U	2.162 U	1.363 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.675 U	1.097 U	1.177 U	1.868 U	0.225 U	2.849 U	1.136 U	2.698 U	1.807 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.395 U	1.059 U	0.978 U	1.523 U	0.204 U	2.706 U	1.099 U	2.245 U	1.459 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	6.118 U	6.314 J	6.987 J	2.211 U	8.961 UJ	2.587 U	2.211 U	3.449 U	9.507 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	17.179 U	61.825	112.068	15.498 UJ	106.332 UJ	40.746 UJX	5.203 U	34.337 UJ	92.358 BJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	2.748 U	1.019 U	0.52 U	0.588 U	0.633 U	3.102 U	1.012 U	1.239 U	0.792 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	2.561 U	0.869 U	0.639 U	1.201 U	0.133 U	3.218 U	1.008 U	1.377 U	0.862 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	2.327 U	0.797 U	0.637 U	1.189 U	0.135 U	2.987 U	0.878 U	1.512 U	0.891 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.349 U	0.819 U	0.677 U	1.262 U	0.728 UJ	3.093 U	0.725 U	1.262 U	1.12 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.376 U	0.679 U	0.774 U	1.35 U	0.169 U	3.076 U	0.59 U	1.436 U	1.196 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	3.601 U	1.133 U	0.813 U	1.681 U	0.184 U	3.78 U	0.986 U	1.745 U	1.599 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.796 U	0.849 U	0.622 U	1.353 U	0.184 U	3.133 U	0.739 U	1.485 U	1.268 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	3.387 U	1.72 U	0.977 U	1.896 U	1.639 UJ	1.364 U	1.558 U	2.654 U	2.117 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	6.034 U	3.274 U	1.375 U	2.85 U	0.299 U	1.774 U	2.954 U	3.962 U	3.541 U
Octachlorodibenzofuran (OCDF)	pg/L	16.606 U	7.011 UJ	14.189 J	5.247 UJ	9.34 UJ	3.945 U	6.1 U	7.6 U	4.036 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2.705 U	1.147 U	0.861 U	0.928 U	0.233 U	3.948 U	1.461 U	1.455 U	0.935 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	3.671 U	1.005 U	0.983 U	1.515 U	0.236 U	3.421 U	1.07 U	2.135 U	1.746 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	3.675 U	1.097 U	1.177 U	1.433 U	0.181 U	2.849 U	1.136 U	2.698 U	1.807 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	6.118 U	11.697	6.987	2.211 U	17.892	2.587 U	2.211 U	3.449 U	18.106
Tetrachlorodibenzofurans (TCDF), Total	pg/L	2.748 U	2.881	0.52 U	0.588 U	0.633 U	3.102 U	1.012 U	1.239 U	0.792 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	2.327 U	0.797 U	0.637 U	1.189 U	0.135 U	2.987 U	0.878 U	1.512 U	0.891 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	2.376 U	0.986	0.774 U	1.35 U	0.482	3.076 U	0.59 U	1.436 U	1.196 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	3.387 U	3.746	0.977 U	1.896 U	5.908	1.364 U	1.558 U	2.654 U	3.467
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0.0062	0.01121	0	0	0	0	0	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		MW-10	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	FIELD
Sample ID		MW-10	MW-15	MW-15	MW-A	MW-15	MW-A	MW-15	MW-B	MW-5
Date		1/12/05	7/24/03	2/19/04	2/19/04	7/21/04	7/21/04	1/19/05	1/19/05	10/4/00
					Field dup		Field dup		Field dup	Field blank
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.645 U	1.258 U	0.78 U	1.022 U	0.735 U	0.841 U	0.527 U	0.262 U	4.136 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.464 U	1.136 U	0.678 U	0.786 U	1.318 U	1.445 U	0.235 U	0.309 U	3.744 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.371 U	1.086 U	0.975 U	0.952 U	1.427 U	1.394 U	0.236 U	0.199 U	3.704 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.452 U	1.226 U	1.114 U	1.088 U	1.858 U	1.754 U	0.279 U	0.242 U	3.692 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.413 U	1.131 U	0.968 U	0.946 U	1.515 U	1.455 U	0.258 U	0.221 U	3.488 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	2.615 UJ	1.569 U	1.564 U	5.071 J	2.926 U	2.966 U	5.839 UJ	7.983 UJ	3.381 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	38.085 BJ	18.256 J	12.771 J	45.196 J	18.29 UJ	12.949 UJ	79.788 UJ	88.793 UJ	4.09 UJX
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.233 U	1.334 U	0.403 U	0.546 U	0.655 U	0.713 U	0.708 U	0.353 U	3.02 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.29 U	0.637 U	0.714 U	0.799 U	0.885 U	1.05 U	0.174 U	0.175 U	3.615 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.283 U	0.662 U	0.638 U	0.784 U	0.895 U	1.032 U	0.16 U	0.169 U	3.275 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.972 UJ	0.648 U	0.818 U	0.652 U	1.031 U	1.418 U	0.595 J	0.614 J	2.659 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.331 U	0.528 U	0.893 U	0.734 U	1.16 U	1.537 U	0.132 U	0.115 U	2.712 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.392 U	1.108 U	1.023 U	0.811 U	1.398 U	2.034 U	0.154 U	0.14 U	3.308 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.364 U	0.757 U	0.698 U	0.631 U	1.146 U	1.429 U	0.144 U	0.131 U	2.626 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	0.249 U	1.059 U	1.175 U	1.207 U	1.821 U	1.534 U	0.971 UJ	0.949 UJ	1.734 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	0.344 U	1.686 U	1.653 U	1.701 U	2.829 U	2.345 U	0.333 U	0.37 U	2.117 U
Octachlorodibenzofuran (OCDF)	pg/L	2.573 UJ	2.677 U	2.95 U	12.94 J	7.241 UJ	5.378 UJ	5.364 UJ	7.363 UJ	3.479 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.645 U	1.258 U	0.78 U	1.022 U	0.735 U	0.841 U	0.527 U	1.584	4.136 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.464 U	1.136 U	0.678 U	0.786 U	1.318 U	1.445 U	0.235 U	5.477	3.744 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	0.371 U	1.131 U	1.114 U	1.088 U	1.427 U	1.394 U	0.236 U	0.199 U	3.692 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	0.359 U	1.569 U	1.564 U	5.071	2.926 U	2.966 U	13.668	16.989	3.381 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.233 U	1.334 U	0.403 U	0.546 U	2.442	1.722	0.708 U	0.353 U	3.02 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.283 U	0.662 U	0.638 U	0.784 U	0.895 U	1.032 U	0.16 U	0.169 U	3.275 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.972	0.648 U	0.893 U	0.734 U	1.16 U	1.537 U	0.595	1.38	2.712 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	0.249 U	1.059 U	1.175 U	1.207 U	1.821 U	1.534 U	3.758	3.587	1.734 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.00381	0	0	0	0	0	0	0	0

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		FIELD	BXS-4	BXS-5	BXS-5	FIELD	BXS-5	FIELD	FIELD
Sample ID		MW-A	BXS-4	BXS-5	BXS-5	MW-B	BXS-5	MW-B	MW B
Date		1/11/05	1/12/05	10/5/00	4/4/01	4/5/01	10/2/01	10/8/01	4/10/02
		Field blank		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.566 U	0.678 U	3.171 U	5 U	0.6 U	5 U	0.5 U	6.06
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.437 U	0.618 U	3.37 U	13.2 J	0.7 U	5.4 U	0.5 U	7.98
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.278 U	0.32 U	2.647 U	10 J	0.6 U	5.7 U	5.4 U	8.94
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.341 U	0.392 U	2.584 U	9.8 U	0.6 U	6.3 U	0.6 U	8.46
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.31 U	0.357 U	2.457 U	14.7 J	0.5 U	5.9 U	0.5 U	8.56
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	0.521 U	1.169 UJ	2.65 U	12.9 J	1.3 U	9.2 U	0.7 U	8.65
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	8.793 UJ	7.905 UJ	14.67 UJB	49.1 J	8.5	12.7 U	2.4 J	40.6 JB
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.518 U	1.129 U	2.519 U	4.4 U	0.4 U	5.3 U	0.4 U	4.33
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.312 U	0.436 U	3.593 U	21 J	0.5 U	4.6 U	0.4 U	7.02
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.3 U	0.421 U	3.309 U	10.3 J	0.4 U	3.8 U	0.3 U	4.33
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.666 UJ	1.016 UJ	2.796 U	11.7 J	0.4 U	4.4 U	0.64 UJB	7.88
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.401 U	0.427 U	2.86 U	11.5 J	0.4 U	4.8 U	0.4 U	5.29
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.469 U	0.552 U	3.595 U	15.5 J	0.6 U	6.2 U	0.5 U	8.37
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.447 U	0.513 U	2.876 U	9.7 J	0.4 U	4.5 U	0.4 U	5.58
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	0.362 U	0.301 U	1.748 U	8.9 U	0.7 U	6.5 U	0.5 U	1.5 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	0.488 U	0.409 U	2.132 U	11.4 U	0.9 U	7.4 U	0.6 U	7.88
Octachlorodibenzofuran (OCDF)	pg/L	0.725 U	0.548 U	3.678 U	20 J	2.4	10.2 U	0.8 U	5.5 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.566 U	0.678 U	3.171 U	5 U	0.6 U	12.1 UJX	25.6 U	6.06
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.437 U	0.618 U	3.37 U	13.2 J	1.5 U	5.4 U	7 U	7.98
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	0.278 U	0.32 U	2.584 U	24.7 J	8.7 U	6 U	16.2 U	8.46
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	0.521 U	0.348 U	2.65 U	12.9 J	1.3 U	9.2 U	0.7 U	4.7
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.518 U	1.129 U	2.519 U	4.4 U	0.4 U	5.3 U	5.4 U	4.33
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.216	0.421 U	3.309 U	31.2 J	0.5 U	4.2 U	0.3 U	4.33
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.373 U	1.016	2.66 U	48.4 J	0.39	4.9 U	0.64 UJB	5.29
Heptachlorodibenzofurans (HpCDF), Total	pg/L	0.362 U	0.301 U	1.748 U	10 U	0.56	6.9 U	0.5 U	3.7
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0		0	0	0.00109	0	0	22.4623

Table 4.9 Groundwater data from Dioxin/Furan Analyses (Continued)

Station ID		BXS-5	FIELD	FIELD	FIELD	FIELD	FIELD
Sample ID		BXS-5	GW1016	MW-B	MW-B	MW-B	MW-B
Date		4/11/02	10/25/02	1/21/03	7/21/03	2/12/04	7/19/04
		Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	6.06	1.922 U	1.98 U	1.204 U	1.49 U	1.023 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	7.98	2.34 U	2.63 U	1.302 U	1.53 U	1.142 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.94	2.791 U	3.598 U	0.932 U	1.224 U	1.37 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.46	3.077 U	3.843 U	0.96 U	1.474 U	1.755 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8.56	2.778 U	3.525 U	0.922 U	1.248 U	1.444 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	8.65	4.528 U	6.573 U	1.951 U	2.251 U	3.05 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	10.7	10.025 U	23.518 U	5.145 U	4.865 UJ	24.198 UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	4.33	2.424 UJ	1.676 U	1.029 U	0.581 U	0.717 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	7.02	2.033 U	1.658 U	0.896 U	0.92 U	1.357 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	4.33	1.744 U	1.524 U	0.798 U	0.854 U	1.357 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	7.88	1.772 U	1.513 U	0.784 U	0.783 U	1.233 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	5.29	1.724 U	1.502 U	0.636 U	0.866 U	1.326 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	8.37	2.817 U	2.582 U	1.002 U	0.984 U	1.783 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	5.58	2.037 U	1.86 U	0.764 U	0.863 U	1.35 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	6.63	1.959 U	4.043 U	1.635 U	1.407 U	2.195 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	7.88	1.772 U	1.513 U	0.784 U	1.873 U	3.562 U
Octachlorodibenzofuran (OCDF)	pg/L	18.8	11.34 U	28.026 U	6.647 U	3.509 U	4.796 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	6.06	1.922 U	1.98 U	1.204 U	1.49 U	1.023 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	7.98	2.34 U	2.63 U	1.302 U	1.53 U	1.142 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	8.46	3.077 U	3.843 U	0.96 U	1.474 U	1.755 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	8.65	4.528 U	6.573 U	1.951 U	2.251 U	3.05 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	4.33	2.424 U	1.676 U	1.029 U	0.581 U	0.717 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	4.33	1.744 U	1.524 U	0.798 U	0.854 U	1.357 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	5.29	1.724 U	1.502 U	0.636 U	0.866 U	1.326 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	6.63	1.959 U	4.043 U	1.635 U	1.407 U	2.195 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	22.53155	0	0	0	0	0

Table 4.10 Miscellaneous Grab Samples Conventionals, Phenols, TPH, and Volatiles (1999 - 2000)

Station		BT-S	BT-S	BT-S	BT-W	BT-W	BT-W	SB-02	SB-03	SB-03
Sample		BT-S-GW	BT-S-GW (amber)	BT-S-GW (white)	BT-W-GW	BT-W-GW (amber)	BT-W-GW (white)	SB-02-GW	SB-03-GW	SB-03-GW
Date		10/8/99	10/8/99	10/8/99	10/7/99	10/8/99	10/8/99	10/6/99	10/4/99	10/5/99
Conventionals	Units									
Total Suspended Solids	mg/L		145	22700		124	8650	31400	19700	
TPH	Units									
Diesel	ug/L	590000			1500000 J			250 U		
Gasoline	ug/L	500 U			500 UJ			250 U		
Heavy Fuel Oil	ug/L	500 U			500 UJ			500 U		
Jet Fuel as Jet A	ug/L	250 U			250 UJ			250 U		
Kerosene	ug/L	250 U			250 UJ			250 U		
Lube Oil	ug/L	500 U			500 UJ			500 U		
Mineral Spirits	ug/L	250 U			250 UJ			250 U		
Non-PHC as Diesel	ug/L	500 U			500 UJ			70 J		
Non-PHC as Gasoline	ug/L	500 U			500 UJ			250 U		
PHC as Diesel	ug/L	500 U			500 UJ			500 U		
PHC as Gasoline	ug/L	710			1000 J			250 U		
Phenols	Units									
2,4,6-Trichlorophenol	ug/L	500 U			500 U			0.5 U		0.5 U
Total Tetrachlorophenols	ug/L	2600			650			0.5 U		1.3
Pentachlorophenol	ug/L	58000			22000			0.6		21
Volatiles	Units									
Benzene	ug/L	5 U			5 U			0.5 U		
Ethylbenzene	ug/L	10 U			10 U			1 U		
Toluene	ug/L	10 U			10 U			1 U		
Total Xylenes	ug/L	10 U			10 U			1 U		

Table 4.10 Miscellaneous Grab Samples Conventionals, Phenols, TPH, and Volatiles (Continued)

Station		SB-04	SB-04	SB-04	SB-05	SB-05	SB-08	SB-09	SB-10	SB-17
Sample		SB-04 GW	SB-04 GW (amber)	SB-04 GW (white)	SB-05-GW	SB-05-GW	SB-08-GW	SB-09-GW	SB-10-GW	SB-17-GW
Date		10/6/99	10/8/99	10/8/99	10/1/99	10/4/99	10/6/99	12/8/00	12/8/00	12/8/00
Conventionals	Units									
Total Suspended Solids	mg/L		8	1290		19600	10500	106000	18200	19000
TPH	Units									
Diesel	ug/L	250 U					250 U			
Gasoline	ug/L	250 U					250 U			
Heavy Fuel Oil	ug/L	500 U					500 U			
Jet Fuel as Jet A	ug/L	250 U					250 U			
Kerosene	ug/L	250 U					250 U			
Lube Oil	ug/L	500 U					500 U			
Mineral Spirits	ug/L	250 U					250 U			
Non-PHC as Diesel	ug/L	89 J					80 J			
Non-PHC as Gasoline	ug/L	250 U					250 U			
PHC as Diesel	ug/L	500 U					500 U			
PHC as Gasoline	ug/L	250 U					250 U			
Phenols	Units									
2,4,6-Trichlorophenol	ug/L	0.5 U			5 U		0.5 U			
Total Tetrachlorophenols	ug/L	0.5 U			5 U		0.1 J			
Pentachlorophenol	ug/L	1.2			47		4.8	0.67 UJ	560	0.56 UJ
Volatiles	Units									
Benzene	ug/L	0.5 U					0.5 U			
Ethylbenzene	ug/L	1 U					1 U			
Toluene	ug/L	1 U					1 U			
Total Xylenes	ug/L	1 U					1 U			

Table 4.11 Groundwater Data for Samples with Extended Analyte List (2002 - 2003)

Station		MW-3	MW-3	MW-10	MW-10	MW-10
Sample		GW1014	MW-3	GW1012	GW1013	GW2001
Date		10/25/02	1/21/03	10/25/02	10/25/02 Field dup	1/21/03
Conventionals	Units					
Chloride	mg/L	5		9		
Conductivity	mS/cm		0.154			
Dissolved Oxygen	mg/L		3.97			
Eh	mV		175			
Nitrate+Nitrite as Nitrogen	mg/L	0.6		4.8		
pH	pH		5.81			
Solids, Total Suspended (TSS)	mg/L	5		15		
Sulfate	mg/L	11.2		14		
Sulfide	mg/L		2 U			2 U
Temperature	C		11.1			
Turbidity	NTU		1.6			
TPH	Units					
Diesel Range Organics (DRO)	ug/L	340 Z		45 U		
Residual Range Organics (RRO)	ug/L	30 U		30 U		
Metals	Units					
Calcium, Dissolved	mg/L					
Iron, Dissolved	mg/L	0.02 U		0.397		
Magnesium, Dissolved	mg/L	8.39				
Potassium, Dissolved	mg/L	1.39 B				
Sodium, Dissolved	mg/L	6				
Antimony	mg/L		0.001 U			0.001 UJ
Arsenic	mg/L		0.001 U			0.001 U
Barium	mg/L		0.0063			0.0084
Beryllium	mg/L		0.001 U			0.001 U
Cadmium	mg/L		0.002 UJ			0.002 UJ
Chromium	mg/L		0.003 U			0.003 U
Cobalt	mg/L		0.004 U			0.004 U
Copper	mg/L		0.004 U			0.004 U
Cyanide, Total	mg/L		0.01 U			0.01 U
Iron	mg/L					
Lead	mg/L		0.001 U			0.001 U
Mercury	mg/L		0.0001 U			0.0001 U
Nickel	mg/L		0.02 U			0.02 U
Selenium	mg/L		0.001 UN			0.001 UJ
Silver	mg/L		0.004 U			0.004 U
Thallium	mg/L		0.001 U			0.001 U
Tin	mg/L		0.0249 U			0.02 U
Vanadium	mg/L		0.004 U			0.004 U
Zinc	mg/L		0.0029 B			0.0021 J
SVOCs	Units					
1,2,4,5-Tetrachlorobenzene	ug/L	0.54 U		0.54 U	0.51 U	
1,2,4-Trichlorobenzene	ug/L	0.22 R	0.22 U	0.22 R	0.22 R	0.22 U
1,2-Dichlorobenzene	ug/L	0.088 R	0.088 U	0.088 R	0.088 R	0.088 U
1,3,5-Trinitrobenzene	ug/L	1.5 U		1.5 U	1.4 U	
1,3-Dichlorobenzene	ug/L	0.11 R	0.11 U	0.11 R	0.11 R	0.11 U
1,3-Dinitrobenzene	ug/L	0.62 U		0.61 U	0.58 U	
1,4-Dichlorobenzene	ug/L	0.098 R	0.098 U	0.098 R	0.098 R	0.098 U
1,4-Naphthoquinone	ug/L	0.63 UJ		0.62 UJ	0.59 UJ	
1,4-Phenylenediamine	ug/L	60 R		60 R	57 R	
1-Naphthylamine	ug/L	0.56 U		0.56 U	0.53 U	
2,3,4,6-Tetrachlorophenol	ug/L	43		0.64 U	0.61 U	
2,4,5-Trichlorophenol	ug/L	50 U		0.5 U	0.39 U	

Table 4.11 Groundwater Data for Samples with Extended Analyte List (Continued)

Station		MW-3	MW-3	MW-10	MW-10	MW-10
Sample		GW1014	MW-3	GW1012	GW1013	GW2001
Date		10/25/02	1/21/03	10/25/02	10/25/02 Field dup	1/21/03
2,4,6-Trichlorophenol	ug/L	3 U		0.03 U	0.21 U	
2,4-Dichlorophenol	ug/L	0.32 U		0.31 U	0.3 U	
2,4-Dimethylphenol	ug/L	0.28 U		0.28 U	0.27 U	
2,4-Dinitrophenol	ug/L	2.4 U		2.4 U	2.3 U	
2,4-Dinitrotoluene	ug/L	0.29 U		0.29 U	0.28 U	
2,6-Dichlorophenol	ug/L	0.65 U		0.64 U	0.61 U	
2,6-Dinitrotoluene	ug/L	0.37 U		0.37 U	0.35 U	
2-Acetylaminofluorene	ug/L	0.68 U		0.67 U	0.64 U	
2-Chloronaphthalene	ug/L	0.31 U		0.31 U	0.29 U	
2-Chlorophenol	ug/L	0.33 U		0.33 U	0.32 U	
2-Methyl-5-nitroaniline	ug/L	0.63 U		0.62 U	0.59 U	
2-Methylnaphthalene	ug/L	0.02 U		0.027	0.24 U	
2-Methylphenol	ug/L	0.35 U		0.35 U	0.33 U	
2-Naphthylamine	ug/L	0.38 U		0.38 U	0.36 U	
2-Nitroaniline	ug/L	0.36 U		0.35 U	0.34 U	
2-Nitrophenol	ug/L	0.4 U		0.39 U	0.38 U	
2-Picoline	ug/L	4.5 U		4.4 U	4.2 U	
3,3'-Dichlorobenzidine	ug/L	0.29 U		0.29 U	0.27 U	
3,3'-Dimethylbenzidine	ug/L	3 U		3 U	2.8 U	
3,4-Dichlorophenol	ug/L	20 U		0.2 U		
3,5-Dichlorophenol	ug/L	20 UJ		0.2 UJ		
3-Methylcholanthrene	ug/L	0.73 U		0.72 U	0.69 U	
3-Nitroaniline	ug/L	3.5 U		3.4 U	3.3 U	
4,6-Dinitro-2-methylphenol	ug/L	2.3 U		2.3 U	2.2 U	
4-Aminobiphenyl	ug/L	0.37 U		0.37 U	0.35 U	
4-Bromophenyl Phenyl Ether	ug/L	0.29 U		0.29 U	0.28 U	
4-Chloro-3-methylphenol	ug/L	0.52 U		0.52 U	0.49 U	
4-Chloroaniline	ug/L	0.4 U		0.4 U	0.38 U	
4-Chlorophenyl Phenyl Ether	ug/L	0.3 U		0.29 U	0.28 U	
4-Methylphenol	ug/L	0.51 U		0.5 U	0.48 U	
4-Nitroaniline	ug/L	4.3 U		4.2 U	4.1 U	
4-Nitrophenol	ug/L	2.1 U		2.1 U	2 U	
4-Nitroquinoline N-Oxide	ug/L	110 UJ		110 UJ	99 UJ	
7,12-Dimethylbenz(a)anthracene	ug/L	0.68 U		0.67 U	0.64 U	
a,a-Dimethylphenethylamine	ug/L	12 UJ		12 UJ	12 UJ	
Acenaphthene	ug/L	0.035		0.002 U	0.29 U	
Acenaphthylene	ug/L	0.0097 J		0.0018 U	0.24 U	
Acetophenone	ug/L	0.78 U		0.78 U	0.74 U	
Aniline	ug/L	0.52 U		0.51 U	0.49 U	
Anthracene	ug/L	0.0011 U		0.002 J	0.62 U	
Benz(a)anthracene	ug/L	0.0021 U		0.0032 J	0.6 U	
Benzo(a)pyrene	ug/L	0.0016 U		0.0016 U	0.66 U	
Benzo(b)fluoranthene	ug/L	0.002 U		0.0026 J	0.59 U	
Benzo(g,h,i)perylene	ug/L	0.0037 U		0.0037 U	0.82 U	
Benzo(k)fluoranthene	ug/L	0.0014 U		0.0018 J	0.83 U	
Benzoic Acid	ug/L	6.2 U		6.1 U	5.9 U	
Benzyl Alcohol	ug/L	0.4 U		0.4 U	0.38 U	
Bis(2-chloroethoxy)methane	ug/L	0.3 U		0.29 U	0.28 U	
Bis(2-chloroethyl) Ether	ug/L	0.36 U		0.35 U	0.34 U	
Bis(2-chloroisopropyl) Ether	ug/L	0.33 U		0.33 U	0.32 U	
Bis(2-ethylhexyl) Phthalate	ug/L	2 U		2 U	1.9 U	
Butyl Benzyl Phthalate	ug/L	0.5 U		0.49 U	0.47 U	

Table 4.11 Groundwater Data for Samples with Extended Analyte List (Continued)

Station		MW-3	MW-3	MW-10	MW-10	MW-10
Sample		GW1014	MW-3	GW1012	GW1013	GW2001
Date		10/25/02	1/21/03	10/25/02	10/25/02 Field dup	1/21/03
Chlorobenzilate	ug/L	0.66 U		0.65 U	0.62 U	
Chrysene	ug/L	0.02 U		0.02 U	0.79 U	
Diallate	ug/L	0.73 U		0.72 U	0.69 U	
Dibenz(a,h)anthracene	ug/L	0.02 U		0.0017 U	0.76 U	
Dibenzofuran	ug/L	0.35 U		0.34 U	0.33 U	
Diethyl Phthalate	ug/L	0.31 U		0.31 U	0.29 U	
Dimethyl Phthalate	ug/L	0.27 U		0.27 U	0.26 U	
Di-n-butyl Phthalate	ug/L	0.39 U		0.38 U	0.37 U	
Di-n-octyl Phthalate	ug/L	0.66 U		0.66 U	0.63 U	
Dinoseb	ug/L	1.9 U		1.9 U	1.8 U	
Diphenylamine	ug/L	0.51 U		0.5 U	0.48 U	
Ethyl Methanesulfonate	ug/L	0.69 U		0.68 U	0.65 U	
Fluoranthene	ug/L	0.02 U		0.02 U	0.66 U	
Fluorene	ug/L	0.016 J		0.0038 J	0.33 U	
Hexachlorobenzene	ug/L	0.67 U		0.66 U	0.63 U	
Hexachlorobutadiene	ug/L	0.38 R	0.38 U	0.38 R	0.38 R	0.38 U
Hexachlorocyclopentadiene	ug/L	1.3 U		1.3 U	1.3 U	
Hexachloroethane	ug/L	0.31 U		0.31 U	0.29 U	
Hexachlorophene	ug/L	110 UJ		110 UJ	97 UJ	
Hexachloropropene	ug/L	0.46 UJ		0.45 UJ	0.43 UJ	
Indeno(1,2,3-cd)pyrene	ug/L	0.02 U		0.0021 U	0.69 U	
Isodrin	ug/L	0.74 U		0.73 U	0.7 U	
Isophorone	ug/L	0.26 U		0.26 U	0.25 U	
Isosafrole	ug/L	0.6 U		0.6 U	0.57 U	
Kepone	ug/L	3.8 R		3.8 R	3.6 R	
Methapyrilene	ug/L	16 UJ		16 UJ	15 UJ	
Methyl Methanesulfonate	ug/L	0.69 U		0.68 U	0.65 U	
Naphthalene	ug/L	3.1 R	3 J	0.29 R	0.29 R	0.29 UJ
Nitrobenzene	ug/L	0.6 U		0.6 U	0.57 U	
N-Nitrosodiethylamine	ug/L	0.7 U		0.69 U	0.66 U	
N-Nitrosodimethylamine	ug/L	0.51 U		0.5 U	0.48 U	
N-Nitrosodi-n-butylamine	ug/L	0.59 U		0.59 U	0.56 U	
N-Nitrosodi-n-propylamine	ug/L	0.53 U		0.52 U	0.5 U	
N-Nitrosodiphenylamine	ug/L	0.51 U		0.5 U	0.48 U	
N-Nitrosomethylethylamine	ug/L	0.77 U		0.77 U	0.73 U	
N-Nitrosomorpholine	ug/L	0.69 U		0.68 U	0.65 U	
N-Nitrosopiperidine	ug/L	0.63 U		0.62 U	0.59 U	
N-Nitrosopyrrolidine	ug/L	0.65 U		0.64 U	0.61 U	
O,O,O-Triethyl Phosphorothioate	ug/L	0.68 U		0.67 U	0.64 U	
o-Toluidine	ug/L	0.79 U		0.79 U	0.75 U	
p-Dimethylaminoazobenzene	ug/L	0.68 U		0.67 U	0.64 U	
Pentachlorobenzene	ug/L	0.57 U		0.57 U	0.54 U	
Pentachloroethane	ug/L	0.51 UJ		0.5 UJ	0.48 UJ	
Pentachloronitrobenzene (PCNB)	ug/L	0.67 U		0.66 U	0.63 U	
Pentachlorophenol (PCP)	ug/L	780		0.31 J	2.5 U	
Phenacetin	ug/L	0.65 U		0.64 U	0.61 U	
Phenanthrene	ug/L	0.02 U		0.02 U	0.49 U	
Phenol	ug/L	0.35 U		0.34 U	0.33 U	
Pronamide	ug/L	0.47 U		0.46 U	0.44 U	
Pyrene	ug/L	0.02 U		0.02 U	0.74 U	
Pyridine	ug/L	7.9 U		7.9 U	7.5 U	
Safrole	ug/L	0.57 U		0.57 U	0.54 U	

Table 4.11 Groundwater Data for Samples with Extended Analyte List (Continued)

Station		MW-3		MW-3		MW-10		MW-10		MW-10	
Sample		GW1014		MW-3		GW1012		GW1013		GW2001	
Date		10/25/02		1/21/03		10/25/02		10/25/02 Field dup		1/21/03	
Styrene	ug/L	0.095	R	0.095	U	0.095	R	0.095	R	0.095	U
Tetrachlorophenols, Total	ug/L	56	J			0.4	U				
VOCs	Units										
1,1,1,2-Tetrachloroethane	ug/L	0.12	R	0.12	U	0.12	R	0.12	R	0.12	U
1,1,1-Trichloroethane (TCA)	ug/L	0.12	R	0.12	U	0.12	R	0.12	R	0.12	U
1,1,2,2-Tetrachloroethane	ug/L	0.14	R	0.14	U	0.14	R	0.14	R	0.14	U
1,1,2-Trichloroethane	ug/L	0.1	R	0.1	U	0.1	R	0.1	R	0.1	U
1,1-Dichloroethane (1,1-DCA)	ug/L	0.091	R	0.091	U	0.091	R	0.091	R	0.091	U
1,1-Dichloroethene (1,1-DCE)	ug/L	0.12	R	0.12	U	0.12	R	0.12	R	0.12	U
1,2,3-Trichloropropane	ug/L	0.22	R	0.22	U	0.22	R	0.22	R	0.22	U
1,2-Dibromo-3-chloropropane (DBC	ug/L	1	R	1	UJ	1	R	1	R	1	UJ
1,2-Dibromoethane (EDB)	ug/L	0.073	R	0.073	U	0.073	R	0.073	R	0.073	U
1,2-Dichloroethane (EDC)	ug/L	0.12	R	0.12	U	0.12	R	0.12	R	0.12	U
1,2-Dichloropropane	ug/L	0.13	R	0.13	U	0.13	R	0.13	R	0.13	U
1,4-Dioxane	ug/L	7.4	R	7.4	UJ	7.4	R	7.4	R	7.4	UJ
2-Butanone (MEK)	ug/L	4.1	R	4.1	UJ	4.1	R	4.1	R	4.1	UJ
2-Chloro-1,3-butadiene (Chloropren	ug/L	0.12	R	0.12	U	0.12	R	0.12	R	0.12	U
2-Hexanone	ug/L	4	R	4	UJ	4	R	4	R	4	UJ
2-Methyl-1-propanol (Isobutyl Alcoh	ug/L	4.3	R	4.3	UJ	4.3	R	4.3	R	4.3	UJ
3-Chloro-1-propene	ug/L	0.13	R	0.13	UJ	0.13	R	0.13	R	0.13	UJ
4-Methyl-2-pentanone (MIBK)	ug/L	5.1	R	5.1	UJ	5.1	R	5.1	R	5.1	UJ
Acetone	ug/L	4.1	R	4.1	UJ	4.1	R	4.1	R	4.1	UJ
Acetonitrile	ug/L	1.1	R	1.1	UJ	1.1	R	1.1	R	1.1	UJ
Acrolein	ug/L	1.5	R	1.5	UJ	1.5	R	1.5	R	1.5	UJ
Acrylonitrile	ug/L	0.3	R	0.3	UJ	0.3	R	0.3	R	0.3	UJ
Benzene	ug/L	0.11	R	0.11	U	0.85	R	0.86	R	0.11	U
Bromodichloromethane	ug/L	0.085	R	0.085	U	0.085	R	0.085	R	0.085	U
Bromoform	ug/L	0.28	R	0.28	U	0.28	R	0.28	R	0.28	U
Bromomethane	ug/L	0.22	R	0.22	UJ	0.22	R	0.22	R	0.22	UJ
Carbon Disulfide	ug/L	0.16	R	0.16	U	0.16	R	0.16	R	0.16	U
Carbon Tetrachloride	ug/L	0.13	R	0.13	U	0.13	R	0.13	R	0.13	U
Chlorobenzene	ug/L	0.094	R	0.094	U	0.094	R	0.094	R	0.094	U
Chloroethane	ug/L	0.23	R	0.23	U	0.23	R	0.23	R	0.23	U
Chloroform	ug/L	0.096	R	0.096	U	0.2	R	0.2	R	0.096	U
Chloromethane	ug/L	0.14	R	0.14	U	0.14	R	0.14	R	0.14	U
cis-1,3-Dichloropropene	ug/L	0.085	R	0.085	U	0.085	R	0.085	R	0.085	U
cis-1,4-Dichloro-2-butene	ug/L	0.57	R	0.57	U	0.57	R	0.57	R	0.57	U
Dibromochloromethane	ug/L	0.082	R	0.082	U	0.082	R	0.082	R	0.082	U
Dibromomethane	ug/L	0.1	R	0.1	U	0.1	R	0.1	R	0.1	U
Dichlorodifluoromethane (CFC 12)	ug/L	0.17	R	0.17	U	0.17	R	0.17	R	0.17	U
Dichloromethane (Methylene Chlorid	ug/L	0.2	R	0.2	U	0.2	R	0.2	R	0.2	U
Ethyl Methacrylate	ug/L	0.094	R	0.094	U	0.094	R	0.094	R	0.094	U
Ethylbenzene	ug/L	0.13	R	0.13	U	0.13	R	0.13	R	0.13	U
Iodomethane	ug/L	0.23	R	0.23	U	0.23	R	0.23	R	0.23	U
m,p-Xylenes	ug/L	0.22	R	0.22	J	0.39	R	0.41	R	0.22	U
Methacrylonitrile	ug/L	0.16	R	0.16	UJ	0.16	R	0.16	R	0.16	UJ
Methyl Methacrylate	ug/L	0.12	R	0.12	UJ	0.12	R	0.12	R	0.12	UJ
Methyl tert-Butyl Ether	ug/L	0.074	R	0.074	U	0.074	R	0.074	R	0.074	U
o-Xylene	ug/L	0.079	R	0.08	J	0.16	R	0.16	R	0.1	J
Propionitrile	ug/L	0.87	R	0.87	UJ	0.87	R	0.87	R	0.87	UJ
Tetrachloroethene (PCE)	ug/L	0.11	R	0.11	U	0.11	R	0.11	R	0.11	U
Toluene	ug/L	0.098	R	0.5	U	0.95	R	0.99	R	0.5	U

Table 4.11 Groundwater Data for Samples with Extended Analyte List (Continued)

Station		MW-3	MW-3	MW-10	MW-10	MW-10
Sample		GW1014	MW-3	GW1012	GW1013	GW2001
Date		10/25/02	1/21/03	10/25/02	10/25/02 Field dup	1/21/03
trans-1,2-Dichloroethene	ug/L	0.14 R	0.14 U	0.14 R	0.14 R	0.14 U
trans-1,3-Dichloropropene	ug/L	0.087 R	0.087 U	0.087 R	0.087 R	0.087 U
trans-1,4-Dichloro-2-butene	ug/L	0.6 R	0.6 U	0.6 R	0.6 R	0.6 U
Trichloroethene (TCE)	ug/L	0.12 R	0.12 U	0.12 R	0.12 R	0.12 U
Trichlorofluoromethane (CFC 11)	ug/L	1.3 R	1.3	0.14 R	0.14 R	0.14 U
Vinyl Acetate	ug/L	0.39 R	0.39 UJ	0.39 R	0.39 R	0.39 UJ
Vinyl Chloride	ug/L	0.22 R	0.22 U	0.22 R	0.22 R	0.22 U
Aroclors	Units					
Aroclor 1016	ug/L		0.022 U			0.022 U
Aroclor 1221	ug/L		0.041 U			0.041 U
Aroclor 1232	ug/L		0.06 U			0.06 U
Aroclor 1242	ug/L		0.036 U			0.036 U
Aroclor 1248	ug/L		0.018 U			0.018 U
Aroclor 1254	ug/L		0.018 U			0.018 U
Aroclor 1260	ug/L		0.027 U			0.027 U
Pesticides, and other analytes	Units					
2,4,5-T	ug/L	0.18 U		0.18 U	0.17 U	
2,4,5-TP (Silvex)	ug/L	0.089 U		0.087 U	0.085 U	
2,4-D	ug/L	0.083 U		0.081 U	0.079 U	
4,4'-DDD	ug/L		0.0052 U			0.026 U
4,4'-DDE	ug/L		0.0083 U			0.042 U
4,4'-DDT	ug/L		0.0051 U			0.026 U
Aldrin	ug/L		0.0034 U			0.017 U
alpha-BHC	ug/L		0.0055 U			0.028 U
alpha-Chlordane	ug/L		0.0061 U			0.031 U
Aramite, Total	ug/L	1.2 UJ		1.2 UJ	1.1 UJ	
beta-BHC	ug/L		0.0042 U			0.023 Ui
delta-BHC	ug/L		0.005 U			0.025 U
Dieldrin	ug/L		0.0068 U			0.034 U
Endosulfan I	ug/L		0.0055 U			0.028 U
Endosulfan II	ug/L		0.0059 U			0.03 U
Endosulfan Sulfate	ug/L		0.0067 U			0.034 U
Endrin	ug/L		0.0047 U			0.024 U
Endrin Aldehyde	ug/L		0.0047 U			0.024 U
gamma-BHC (Lindane)	ug/L		0.021 Ui			0.021 U
gamma-Chlordane	ug/L		0.0075 U			0.038 U
Heptachlor	ug/L		0.018 Ui			0.025 U
Heptachlor Epoxide	ug/L		0.0084 U			0.042 U
Methoxychlor	ug/L		0.0069 U			0.035 U
Toxaphene	ug/L		0.29 Ui			0.25 U
Dimethoate	ug/L	0.075 U		0.074 U	0.074 U	
Disulfoton	ug/L	0.34 UJ		0.34 UJ	0.34 UJ	
Famphur	ug/L	0.51 U		0.5 U	0.5 U	
Methyl Parathion	ug/L	0.06 U		0.059 U	0.059 U	
Parathion	ug/L	0.05 U		0.049 U	0.049 U	
Phorate	ug/L	0.21 UJ		0.21 UJ	0.21 UJ	
Sulfotep	ug/L	0.052 U		0.051 U	0.051 U	
Thionazin	ug/L	0.51 U		0.5 U	0.5 U	

Table 4.12 Groundwater from Soil Borings; Phenols, TPH, and PAHs (2002)

Station		SB-43	SB-44	SB-45	SB-46	SB-52	SB-53	SB-54	SB-55	SB-56	SB-57
Sample ID		GW0001	GW0002	GW0003	GW0004	GW0005	GW0011	GW0010	GW0009	GW0006	GW0008
Date		8/16/2002	8/16/2002	8/19/2002	8/19/2002	8/19/2002	8/21/2002	8/21/2002	8/21/2002	8/20/2002	8/20/2002
Chlorinated Phenols	Units										
2-Chlorophenol	ug/L										
2,4-Dichlorophenol	ug/L										
2,6-Dichlorophenol	ug/L										
3,4-Dichlorophenol	ug/L	2 Ui	2 UJ	0.2 U	0.2 U	0.59 Ui	2 Ui	2 Ui	2 Ui	0.56 Ui	2 Ui
3,5-Dichlorophenol	ug/L	2 UJ	2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
2,4,5-Trichlorophenol	ug/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	0.5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.03 U	0.16 Ui	0.042 Ui	0.039 Ui	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
2,3,4,5-Tetrachlorophenol	ug/L										
2,3,4,6-Tetrachlorophenol	ug/L										
2,3,5,6-Tetrachlorophenol	ug/L										
Tetrachlorophenols, Total	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Pentachlorophenol (PCP)	ug/L	0.093 J	0.098 J	0.97	0.06 U	0.11 J	0.23 J	0.06 U	0.06 U	0.06 U	0.067 J
TPH	Units										
Diesel Range Organics	ug/L	110 J	130 J	90 J	55 J						
Residual Range Organics	ug/L	500 U	500 U	500 U	500 U						
PAHs	Units										
2-Methylnaphthalene	ug/L	0.02 U	0.02 U	0.0085 J	0.0086 J						
Acenaphthene	ug/L	0.002 U	0.002 U	0.002 U	0.002 U						
Acenaphthylene	ug/L	0.0018 U	0.0018 U	0.0018 U	0.0018 U						
Anthracene	ug/L	0.0011 U	0.0011 U	0.0013 J	0.0011 U						
Benz(a)anthracene	ug/L	0.0021 U	0.0021 U	0.0021 U	0.0021 U						
Benzo(a)pyrene	ug/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U						
Benzo(b)fluoranthene	ug/L	0.002 U	0.002 U	0.002 U	0.002 U						
Benzo(g,h,i)perylene	ug/L	0.0037 U	0.0037 U	0.0037 U	0.0037 U						
Benzo(k)fluoranthene	ug/L	0.0014 U	0.0014 U	0.0014 U	0.0014 U						
Chrysene	ug/L	0.0013 U	0.0013 U	0.0013 U	0.0013 U						
Dibenz(a,h)anthracene	ug/L	0.0017 U	0.0017 U	0.0017 U	0.0017 U						
Dibenzofuran	ug/L										
Fluoranthene	ug/L	0.0024 U	0.0031 J	0.0029 J	0.0024 U						
Fluorene	ug/L	0.0026 U	0.0026 U	0.0026 U	0.0026 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.0021 U	0.0021 U	0.0021 U	0.0021 U						
Naphthalene	ug/L	0.012 J	0.0099 J	0.02 U	0.02 U						
Phenanthrene	ug/L	0.0044 J	0.0066 J	0.0053 J	0.0032 U						
Pyrene	ug/L	0.0023 U	0.0023 U	0.0023 U	0.0023 U						
Total PAHs (calculated)	ug/L	0.0164	0.0196	0.0095	0.02 U						

Table 4.12 Groundwater from Soil Borings; Phenols, TPH, and PAHs (Continued)

Station		SB-58	SB-64	SB-64	SB-65
Sample ID		GW0007	GW0013	GW0014	GW0012
Date		8/20/2002	10/15/2002	10/15/2002	10/14/2002
				Field dup	
Chlorinated Phenols	Units				
2-Chlorophenol	ug/L				
2,4-Dichlorophenol	ug/L				
2,6-Dichlorophenol	ug/L				
3,4-Dichlorophenol	ug/L	2 Ui	2 UJ	2 UJ	0.2 UJ
3,5-Dichlorophenol	ug/L	0.2 UJ	2 U	2 U	0.2 UJ
2,4,5-Trichlorophenol	ug/L	0.5 U	5 U	5 U	0.5 U
2,4,6-Trichlorophenol	ug/L	0.03 U	0.3 UJ	0.3 UJ	0.03 UJ
2,3,4,5-Tetrachlorophenol	ug/L				
2,3,4,6-Tetrachlorophenol	ug/L				
2,3,5,6-Tetrachlorophenol	ug/L				
Tetrachlorophenols, Total	ug/L	0.4 U	28	28	0.4 U
Pentachlorophenol (PCP)	ug/L	0.06 U	470	470	4
TPH	Units				
Diesel Range Organics	ug/L		190 J	210 J	45 U
Residual Range Organics	ug/L		500 U	500 U	30 U
PAHs	Units				
2-Methylnaphthalene	ug/L		0.45	0.42	0.02 U
Acenaphthene	ug/L		0.033	0.031	0.002 U
Acenaphthylene	ug/L		0.042	0.04	0.0018 U
Anthracene	ug/L		0.0011 U	0.0023 J	0.0011 U
Benz(a)anthracene	ug/L		0.0021 U	0.0021 U	0.0021 U
Benzo(a)pyrene	ug/L		0.0016 U	0.0016 U	0.0016 U
Benzo(b)fluoranthene	ug/L		0.002 U	0.002 U	0.002 U
Benzo(g,h,i)perylene	ug/L		0.0037 U	0.0037 U	0.0037 U
Benzo(k)fluoranthene	ug/L		0.0014 U	0.0014 U	0.0014 U
Chrysene	ug/L		0.0013 U	0.0013 U	0.0013 U
Dibenz(a,h)anthracene	ug/L		0.0017 U	0.0024 J	0.0017 U
Dibenzofuran	ug/L		0.0071 U	0.0071 U	0.0071 U
Fluoranthene	ug/L		0.0024 U	0.0039 J	0.0024 U
Fluorene	ug/L		0.013 J	0.013 J	0.0026 U
Indeno(1,2,3-cd)pyrene	ug/L		0.0021 U	0.0023 J	0.0021 U
Naphthalene	ug/L		2.4	2.2	0.02 U
Phenanthrene	ug/L		0.013 J	0.012 J	0.0035 J
Pyrene	ug/L		0.0023 U	0.003 J	0.0023 U
Total PAHs (calculated)	ug/L		2.501	2.3099	0.0035

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_01LF	BXS-1	BXS-1	1/9/08	66		0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_03	BXS-1	BXS-1	2/26/08	54															
2008_SI	BXS-1	BXS-1	4/30/08	53		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	BXS-1	BXS-1	7/29/08	27		0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	BXS-1	BXS-1	10/22/08	26		0.02		0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-1	BXS-1	2/10/09	38	J	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-1	BXS-1	5/6/09	81		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-1	BXS-1	8/5/09	46		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-1	BXS-1	11/18/09	94		0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	BXS-1	BXS-1	2/10/10	77		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	BXS-1	BXS-1	5/26/10	92		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.02	U	0.0043	U	0.0023	U
2010_08SIPMP	BXS-1	BXS-1	8/18/10	85		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	BXS-1	BXS-1	11/18/10	73		0.0057	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	BXS-1	BXS-1	2/9/11	78	J	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0055	J	0.0072	J	0.01	J
2011_05SIPMP	BXS-1	BXS-1	5/17/11	54		0.02	U	0.0044	U	0.0034	U	0.0076	J	0.02	U	0.0077	J	0.02	U
2011_08SIPMP	BXS-1	BXS-1	8/24/11	84		0.0028	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2006_SiteInvest	BXS-2	BXS-2	11/8/06	0.13	U	0.011	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	BXS-2	BXS-2	2/1/07	0.13	U	0.0092	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	BXS-2	BXS-2	4/18/07	0.13	U	0.02	U	0.0093	J	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	BXS-2	BXS-2	7/17/07	0.13	U	0.007	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2007_SI	BXS-2	BXS-2	10/9/07	0.08	U	0.01	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01LF	BXS-2	BXS-2	1/9/08	0.08	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	BXS-2	BXS-2	4/30/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	BXS-2	BXS-2	7/30/08	0.08	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	BXS-2	BXS-2	10/22/08	0.08	U	0.0095	J	0.0044	U	0.0034	U	0.0036	U	0.012	J	0.0084	J	0.011	J
2009_SI	BXS-2	BXS-2	2/10/09	0.16	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-2	BXS-2	5/6/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0042	J	0.0043	U	0.0023	U
2009_SI	BXS-2	BXS-2	8/5/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	BXS-2	BXS-2	11/18/09	0.16	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	BXS-2	BXS-2	2/10/10	0.16	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	BXS-2	BXS-2	5/26/10	0.07	U	0.02	U	0.0097	J	0.0072	J	0.0075	J	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_08SIPMP	BXS-2	BXS-2	8/18/10	0.07	U	0.0023	U	0.0044	U	0.0046	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	BXS-2	BXS-2	11/18/10	0.07	U	0.0025	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	BXS-2	BXS-2	2/9/11	0.07	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	BXS-2	BXS-2	5/17/11	0.07	U	0.02	U	0.0044	U	0.0034	U	0.0057	J	0.02	U	0.0043	U	0.02	U
2011_08SIPMP	BXS-2	BXS-2	8/24/11	0.07	U	0.0038	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	EW1-EW7	0130-COMP	1/30/08	130															
2008_03	EW1-EW7	EW1-7 COMP	2/27/08	270															
2008_SI	EW1-EW7	EW 1-7 Comp.	4/29/08	240															
2008_SI	EW1-EW7	Extra Well 1-7	7/29/08	230															
2008_SI	EW1-EW7	EW 1-7	10/22/08	170															
2009_SI	EW1-EW7	EW 1-7	2/11/09	210															
2009_SI	EW1-EW7	EW 1-7	5/7/09	210															
2008_SI	HCMW-7	HCMW-7	10/20/08	0.08	U	0.02		0.009	J	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	HCMW-7	HCMW-7	2/11/09	0.16	U														
2009_SI	HCMW-7	HCMW-7	5/4/09	0.16	U														
2009_SI	HCMW-7	HCMW-7	8/3/09	0.16	U														
2009_SI	HCMW-7	HCMW-7	11/16/09	0.16	U														
2010_02SIPMP	HCMW-7	HCMW-7	2/8/10	0.16	U														
2010_05SIPMP	HCMW-7	HCMW-7	5/24/10	0.07	U														
2010_08SIPMP	HCMW-7	HCMW-7	8/16/10	0.07	U														
2010_11SIPMP	HCMW-7	HCMW-7	11/15/10	0.07	U														
2011_02SIPMP	HCMW-7	HCMW-7	2/7/11	0.07	U														
2011_05SIPMP	HCMW-7	HCMW-7	5/16/11	0.07	U														
2011_08SIPMP	HCMW-7	HCMW-7	8/23/11	0.12	J														
2008_SI	MW-10	MW-10	4/29/08	0.08	U														
2008_SI	MW-10	MW-10	7/29/08	0.08	U														
2006_SiteInvest	MW-15	MW-15	11/15/06	140		0.0042	U	0.0031	U	0.0028	J	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-15	MW-15	2/2/07	270		0.02	U	0.0031	U	0.0086	J	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-15	MW-15	4/19/07	200		0.02	U	0.0031	U	0.006	J	0.0078	J	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-15	MW-15	7/17/07	240		0.01	J	0.0044	U	0.0084	J	0.012	J	0.0026	U	0.0043	U	0.0023	U
2007_SI	MW-15	MW-15	10/9/07	250		0.0068	J	0.0044	U	0.0055	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_01	MW-15	MW-15	1/8/08	200		0.013	J	0.0044	U	0.0081	J	0.0086	J	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-15	MW-15	4/29/08	200		0.019	U	0.0044	U	0.0087	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-15	MW-15	7/29/08	190		0.019	U	0.0044	U	0.0076	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-15	MW-15	10/21/08	230		0.019	U	0.0044	U	0.01	J	0.01	J	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-15	MW-15	2/10/09	190		0.019	U	0.0055	J	0.0084	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-15	MW-15	5/5/09	98		0.02	U	0.0044	U	0.0055	J	0.0054	J	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-15	MW-15	8/4/09	95		0.0023	U	0.0044	U	0.0039	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-15	MW-15	11/17/09	64		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-15	MW-15	2/8/10	33		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-15	MW-15	5/24/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-15	MW-15	8/17/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-15	MW-15	11/16/10	0.097	J	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-15	MW-15	2/8/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	MW-15	MW-15	5/16/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-15	MW-15	8/23/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2006_SiteInvest	MW-16	MW-16	11/15/06	0.13	U	0.014	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-16	MW-16	1/31/07	0.13	U	0.014	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-16	MW-16	4/17/07	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-16	MW-16	7/16/07	0.13	U	0.0032	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2007_SI	MW-16	MW-16	10/9/07	0.08	U	0.0028	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-16	MW-16	1/8/08	0.08	U	0.0029	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-16	MW-16	4/29/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-16	MW-16	7/29/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-16	MW-16	10/20/08	7.3		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2009_SI	MW-16	MW-16	2/10/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-16	MW-16	5/4/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-16	MW-16	8/4/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.02	U	0.0043	U	0.0023	U
2009_SI	MW-16	MW-16	11/16/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-16	MW-16	2/8/10	0.16	U	0.02	Ui	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-16	MW-16	5/24/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.02	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-16	MW-16	8/17/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_11SIPMP	MW-16	MW-16	11/16/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-16	MW-16	2/7/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	MW-16	MW-16	5/16/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-16	MW-16	8/23/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2006_SiteInvest	MW-17	MW-17	11/15/06	0.13	U	0.019	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-17	MW-17	2/2/07	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-17	MW-17	4/17/07	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-17	MW-17	7/17/07	0.13	U	0.004	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2007_SI	MW-17	MW-17	10/9/07	0.08	U	0.0047	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-17	MW-17	1/8/08	0.08	U	0.0043	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-17	MW-17	4/29/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-17	MW-17	7/28/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-17	MW-17	10/21/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-17	MW-17	2/9/09	0.16	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-17	MW-17	5/5/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-17	MW-17	8/3/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2009_SI	MW-17	MW-17	11/17/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-17	MW-17	2/8/10	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-17	MW-17	5/24/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-17	MW-17	8/16/10	0.07	U	0.0031	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-17	MW-17	11/16/10	0.07	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-17	MW-17	2/8/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	MW-17	MW-17	5/16/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-17	MW-17	8/23/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2006_SiteInvest	MW-18	MW-18	11/13/06	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-18	MW-18	2/2/07	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-18	MW-18	4/17/07	0.13	U	0.031	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-18	MW-18	7/16/07	0.13	U	0.0058	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2007_SI	MW-18	MW-18	10/8/07	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-18	MW-18	1/7/08	0.08	U	0.0023	U	0.0049	J	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-18	MW-18	4/28/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_SI	MW-18	MW-18	7/28/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-18	MW-18	10/20/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-18	MW-18	2/10/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-18	MW-18	5/4/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-18	MW-18	8/3/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2009_SI	MW-18	MW-18	11/18/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-18	MW-18	2/8/10	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-18	MW-18	5/24/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-18	MW-18	8/16/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-18	MW-18	11/15/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-18	MW-18	2/7/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	MW-18	MW-18	5/16/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-18	MW-18	8/23/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2006_SiteInvest	MW-2	MW-2	11/13/06	0.13	U	0.0042	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-2	MW-2	1/31/07	0.13	U	0.0042	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-2	MW-2	4/17/07	0.13	U	0.02	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-2	MW-2	7/17/07	0.13	U	0.0025	J	0.0044	U	0.0034	U	0.0056	J	0.0026	U	0.0043	U	0.0023	U
2007_SI	MW-2	MW-2	10/9/07	0.08	U	0.0064	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-2	MW-2	1/8/08	0.08	U	0.0091	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-2	MW-2	4/29/08	0.08	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-2	MW-2	7/29/08	0.08	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-2	MW-2	10/21/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-2	MW-2	2/10/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-2	MW-2	5/5/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-2	MW-2	8/4/09	0.16	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-2	MW-2	11/17/09	0.16	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-2	MW-2	2/9/10	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-2	MW-2	5/25/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.02	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-2	MW-2	8/17/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-2	MW-2	11/17/10	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-2	MW-2	2/8/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2011_05SIPMP	MW-2	MW-2	5/16/11	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0045	J	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-2	MW-2	8/23/11	0.07	U	0.02	U	0.0044	U	0.0034	U	0.012	J	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-22	MW-22	1/10/08	130															
2008_03	MW-22	MW-22	2/27/08	72															
2008_SI	MW-22	MW-22	4/29/08	92															
2008_SI	MW-22	MW-22	7/29/08	32															
2008_SI	MW-22	MW-22	10/21/08	15															
2009_SI	MW-22	MW-22	2/11/09	5.5															
2009_SI	MW-22	MW-22	5/5/09	3.6															
2009_SI	MW-22	MW-22	8/4/09	4.4															
2009_SI	MW-22	MW-22	11/17/09	5.4															
2010_02SIPMP	MW-22	MW-22	2/9/10	3.9															
2010_05SIPMP	MW-22	MW-22	5/25/10	13															
2010_08SIPMP	MW-22	MW-22	8/18/10	51	J														
2010_11SIPMP	MW-22	MW-22	11/17/10	98															
2011_02SIPMP	MW-22	MW-22	2/9/11	130															
2011_05SIPMP	MW-22	MW-22	5/17/11	150															
2011_08SIPMP	MW-22	MW-22	8/23/11	220															
2008_01	MW-23	MW-23	1/10/08	500															
2008_03	MW-23	MW-23	2/27/08	450															
2008_SI	MW-23	MW-23	4/29/08	210															
2008_SI	MW-23	MW-23	7/29/08	210															
2008_SI	MW-23	MW-23	10/21/08	63															
2009_SI	MW-23	MW-23	2/11/09	170															
2009_SI	MW-23	MW-23	5/5/09	140															
2009_SI	MW-23	MW-23	8/4/09	70															
2009_SI	MW-23	MW-23	11/17/09	8.6															
2010_02SIPMP	MW-23	MW-23	2/9/10	85															
2010_05SIPMP	MW-23	MW-23	5/25/10	150															
2010_08SIPMP	MW-23	MW-23	8/18/10	210															
2010_11SIPMP	MW-23	MW-23	11/17/10	210															

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2011_02SIPMP	MW-23	MW-23	2/8/11	340															
2011_05SIPMP	MW-23	MW-23	5/17/11	380															
2011_08SIPMP	MW-23	MW-23	8/23/11	410															
2008_01	MW-24	MW-24	1/10/08	180															
2008_03	MW-24	MW-24	2/27/08	96															
2008_SI	MW-24	MW-24	4/29/08	0.08	U														
2008_SI	MW-24	MW-24	7/29/08	0.08	U														
2008_SI	MW-24	MW-24	10/21/08	2.2															
2009_SI	MW-24	MW-24	2/11/09	0.16	U														
2009_SI	MW-24	MW-24	5/5/09	0.16	U														
2009_SI	MW-24	MW-24	8/4/09	0.35															
2009_SI	MW-24	MW-24	11/17/09	0.36	J														
2010_02SIPMP	MW-24	MW-24	2/9/10	3.3															
2010_05SIPMP	MW-24	MW-24	5/25/10	0.17	J														
2010_08SIPMP	MW-24	MW-24	8/17/10	0.14	J														
2010_11SIPMP	MW-24	MW-24	11/17/10	0.27	J														
2011_02SIPMP	MW-24	MW-24	2/9/11	2.8															
2011_05SIPMP	MW-24	MW-24	5/17/11	13															
2011_08SIPMP	MW-24	MW-24	8/23/11	70															
2008_01	MW-25	MW-25	1/10/08	230															
2008_03	MW-25	MW-25	2/27/08	550															
2008_SI	MW-25	MW-25	4/29/08	240															
2008_SI	MW-25	MW-25	7/29/08	84															
2008_SI	MW-25	MW-25	10/21/08	57															
2009_SI	MW-25	MW-25	2/11/09	30															
2009_SI	MW-25	MW-25	5/5/09	28															
2009_SI	MW-25	MW-25	8/4/09	20															
2009_SI	MW-25	MW-25	11/17/09	15															
2010_02SIPMP	MW-25	MW-25	2/9/10	41															
2010_05SIPMP	MW-25	MW-25	5/25/10	36															
2010_08SIPMP	MW-25	MW-25	8/18/10	37															

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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_11SIPMP	MW-25	MW-25	11/17/10	16															
2011_02SIPMP	MW-25	MW-25	2/9/11	53															
2011_05SIPMP	MW-25	MW-25	5/17/11	3200															
2011_08SIPMP	MW-25	MW-25	8/23/11	470															
2008_01	MW-26	MW-26	1/9/08	0.08	U														
2008_03	MW-26	MW-26	2/27/08	0.17	J														
2008_SI	MW-26	MW-26	4/29/08	0.08	U														
2008_SI	MW-26	MW-26	7/29/08	0.08	U														
2008_SI	MW-26	MW-26	10/21/08	0.61	U														
2009_SI	MW-26	MW-26	2/11/09	0.16	U														
2009_SI	MW-26	MW-26	5/5/09	0.16	U														
2009_SI	MW-26	MW-26	8/4/09	0.16	U														
2009_SI	MW-26	MW-26	11/17/09	0.16	U														
2010_02SIPMP	MW-26	MW-26	2/9/10	0.16	U														
2010_05SIPMP	MW-26	MW-26	5/25/10	0.07	U														
2010_08SIPMP	MW-26	MW-26	8/18/10	0.089	J														
2010_11SIPMP	MW-26	MW-26	11/17/10	0.076	J														
2011_02SIPMP	MW-26	MW-26	2/9/11	0.07	U														
2011_05SIPMP	MW-26	MW-26	5/18/11	0.07	U														
2011_08SIPMP	MW-26	MW-26	8/24/11	0.07	U														
2008_01	MW-27	MW-27	1/10/08	0.48															
2008_03	MW-27	MW-27	2/27/08	0.08	U														
2008_SI	MW-27	MW-27	4/29/08	0.18	J														
2008_SI	MW-27	MW-27	7/29/08	0.08	U														
2008_SI	MW-27	MW-27	10/21/08	0.23	U														
2009_SI	MW-27	MW-27	2/11/09	0.16	U														
2009_SI	MW-27	MW-27	5/5/09	0.16	U														
2009_SI	MW-27	MW-27	8/4/09	0.16	U														
2009_SI	MW-27	MW-27	11/17/09	0.16	U														
2010_02SIPMP	MW-27	MW-27	2/9/10	0.16	U														
2010_05SIPMP	MW-27	MW-27	5/25/10	0.07	U														

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_08SIPMP	MW-27	MW-27	8/18/10	0.07	U														
2010_11SIPMP	MW-27	MW-27	11/17/10	0.27	J														
2011_02SIPMP	MW-27	MW-27	2/9/11	0.07	J														
2011_05SIPMP	MW-27	MW-27	5/18/11	0.07	U														
2011_08SIPMP	MW-27	MW-27	8/24/11	0.07	U														
2008_01	MW-28	MW-28	1/9/08	0.75															
2008_03	MW-28	MW-28	2/26/08	0.76															
2008_SI	MW-28	MW-28	4/29/08	0.22															
2008_SI	MW-28	MW-28	7/28/08	0.08	U														
2008_SI	MW-28	MW-28	10/21/08	0.08	U														
2009_SI	MW-28	MW-28	2/11/09	0.16	U														
2009_SI	MW-28	MW-28	5/5/09	0.16	U														
2009_SI	MW-28	MW-28	8/4/09	0.16	U														
2009_SI	MW-28	MW-28	11/17/09	0.31	J														
2010_02SIPMP	MW-28	MW-28	2/9/10	0.16	U														
2010_05SIPMP	MW-28	MW-28	5/25/10	0.33															
2010_08SIPMP	MW-28	MW-28	8/17/10	0.48															
2010_11SIPMP	MW-28	MW-28	11/17/10	0.87															
2011_02SIPMP	MW-28	MW-28	2/10/11	2.6															
2011_05SIPMP	MW-28	MW-28	5/18/11	3.6	J														
2011_08SIPMP	MW-28	MW-28	8/24/11	10															
2008_01	MW-29	MW-29	1/10/08	1600															
2008_03	MW-29	MW-29	2/26/08	730															
2008_SI	MW-29	MW-29	4/28/08	0.08	U														
2008_SI	MW-29	MW-29	7/28/08	0.08	U														
2008_SI	MW-29	MW-29	10/20/08	7.5															
2009_SI	MW-29	MW-29	2/11/09	0.16	U														
2009_SI	MW-29	MW-29	5/5/09	0.16	U														
2009_SI	MW-29	MW-29	8/4/09	0.16	U														
2009_SI	MW-29	MW-29	11/17/09	0.16	U														
2010_02SIPMP	MW-29	MW-29	2/9/10	0.16	U														

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_05SIPMP	MW-29	MW-29	5/24/10	0.07	U														
2010_08SIPMP	MW-29	MW-29	8/17/10	0.099	J														
2010_11SIPMP	MW-29	MW-29	11/17/10	0.087	J														
2011_02SIPMP	MW-29	MW-29	2/8/11	0.07	U														
2011_05SIPMP	MW-29	MW-29	5/17/11	0.12	J														
2011_08SIPMP	MW-29	MW-29	8/23/11	0.11	J														
2006_SiteInvest	MW-3	MW-3	11/13/06	420		0.0042	U	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-3	MW-3	1/31/07	19		0.0045	J	0.012	J	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-3	MW-3	4/17/07	490		0.6		0.13		0.057		0.013	J	0.0039	U	0.0043	U	0.0046	U
2007_SI	MW-3	MW-3	7/17/07	780		0.078	J	0.2		0.043		0.031		0.011	J	0.0064	J	0.01	J
2007_SI	MW-3	MW-3	10/9/07	1100		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01LF	MW-3	MW-3	1/9/08	480		0.019	U	0.041		0.0084	J	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_03	MW-3	MW-3	2/26/08	2700															
2008_SI	MW-3	MW-3	4/29/08	1200		1.3		0.51		0.14		0.034		0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-3	MW-3	7/29/08	1800		1.2		0.66		0.15		0.077		0.0026	U	0.0043	U	0.0042	J
2008_SI	MW-3	MW-3	10/21/08	1700		1.2		1		0.22		0.044	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-3	MW-3	2/10/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-3	MW-3	5/5/09	4.4		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-3	MW-3	8/4/09	1100		0.019	U	0.0044	U	0.016	J	0.017	J	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-3	MW-3	11/17/09	2400		0.86		1.2		0.3		0.04		0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-3	MW-3	2/9/10	0.39	J	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-3	MW-3	5/25/10	0.45		0.0023	U	0.0044	U	0.0034	U	0.0042	J	0.02	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-3	MW-3	8/17/10	1.6		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-3	MW-3	11/16/10	750		0.2		0.16		0.048		0.011	J	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-3	MW-3	2/8/11	1.6		0.0023	U	0.0044	U	0.0034	U	0.004	J	0.0026	U	0.0043	U	0.0023	U
2011_05SIPMP	MW-3	MW-3	5/16/11	8.3		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-3	MW-3	8/23/11	14		0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_01	MW-30	MW-30	1/10/08	0.08	U														
2008_03	MW-30	MW-30	2/26/08	0.18	J														
2008_SI	MW-30	MW-30	4/28/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2008_SI	MW-30	MW-30	7/28/08	0.08	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U

TABLE 4.13
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				Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_SI	MW-30	MW-30	10/21/08	0.08	U	0.019	U	0.0086	J	0.0034	U	0.0036	U	0.0034	J	0.0043	U	0.0023	U
2009_SI	MW-30	MW-30	2/11/09	0.16	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-30	MW-30	5/4/09	0.16	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0028	J	0.0043	U	0.0023	U
2009_SI	MW-30	MW-30	8/3/09	0.16	U	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2009_SI	MW-30	MW-30	11/16/09	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_02SIPMP	MW-30	MW-30	2/8/10	0.16	U	0.0042	Ui	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_05SIPMP	MW-30	MW-30	5/24/10	0.07	U	0.0064	J	0.0044	U	0.0034	U	0.0036	U	0.019	U	0.0043	U	0.0023	U
2010_08SIPMP	MW-30	MW-30	8/17/10	0.12	J	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2010_11SIPMP	MW-30	MW-30	11/16/10	0.07	U	0.043	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_02SIPMP	MW-30	MW-30	2/8/11	0.14	J	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0032	J	0.0043	U	0.0023	U
2011_05SIPMP	MW-30	MW-30	5/16/11	0.07	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U
2011_08SIPMP	MW-30	MW-30	8/23/11	0.07	U														
2008_01	MW-31	MW-31	1/9/08	0.08	U														
2008_03	MW-31	MW-31	2/26/08	0.35															
2008_SI	MW-31	MW-31	4/28/08	0.39															
2008_SI	MW-31	MW-31	7/28/08	0.18	J														
2008_SI	MW-31	MW-31	10/21/08	0.42	U														
2009_SI	MW-31	MW-31	2/11/09	0.33															
2009_SI	MW-31	MW-31	5/5/09	0.46															
2009_SI	MW-31	MW-31	8/3/09	0.16	U														
2009_SI	MW-31	MW-31	11/17/09	0.16	U														
2010_02SIPMP	MW-31	MW-31	2/8/10	0.16	U														
2010_05SIPMP	MW-31	MW-31	5/24/10	0.083	J														
2010_08SIPMP	MW-31	MW-31	8/16/10	0.07	U														
2010_11SIPMP	MW-31	MW-31	11/16/10	0.36	J														
2011_02SIPMP	MW-31	MW-31	2/8/11	0.32															
2011_05SIPMP	MW-31	MW-31	5/16/11	0.61															
2011_08SIPMP	MW-31	MW-31	8/23/11	0.085	J														
2008_01	MW-32	MW-32	1/10/08	1700															

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_01LF	BXS-1	BXS-1	1/9/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0067	J
2008_03	BXS-1	BXS-1	2/26/08																
2008_SI	BXS-1	BXS-1	4/30/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	BXS-1	BXS-1	7/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	BXS-1	BXS-1	10/22/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	BXS-1	BXS-1	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	BXS-1	BXS-1	5/6/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	BXS-1	BXS-1	8/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	BXS-1	BXS-1	11/18/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.089	U
2010_02SIPMP	BXS-1	BXS-1	2/10/10	0.003	J	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.057	
2010_05SIPMP	BXS-1	BXS-1	5/26/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0045	J	0.0038	U	0.0026	U	0.039	U
2010_08SIPMP	BXS-1	BXS-1	8/18/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.072	
2010_11SIPMP	BXS-1	BXS-1	11/18/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.025	U
2011_02SIPMP	BXS-1	BXS-1	2/9/11	0.015	J	0.008	J	0.0041	J	0.0073	J	0.0044	U	0.0038	U	0.0097	J	0.021	U
2011_05SIPMP	BXS-1	BXS-1	5/17/11	0.02	U	0.02	U	0.0081	J	0.0062	J	0.0044	U	0.0038	U	0.02	U	0.02	U
2011_08SIPMP	BXS-1	BXS-1	8/24/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.011	J
2006_SiteInvest	BXS-2	BXS-2	11/8/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	BXS-2	BXS-2	2/1/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	BXS-2	BXS-2	4/18/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0045	J	0.0033	U	0.02	U
2007_SI	BXS-2	BXS-2	7/17/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2007_SI	BXS-2	BXS-2	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0098	J
2008_01LF	BXS-2	BXS-2	1/9/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.005	J
2008_SI	BXS-2	BXS-2	4/30/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_SI	BXS-2	BXS-2	7/30/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_SI	BXS-2	BXS-2	10/22/08	0.02	U	0.011	J	0.011	J	0.0085	J	0.0044	U	0.0038	U	0.02	U	0.02	U
2009_SI	BXS-2	BXS-2	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	BXS-2	BXS-2	5/6/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.024	U
2009_SI	BXS-2	BXS-2	8/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.037	U
2009_SI	BXS-2	BXS-2	11/18/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.089	U
2010_02SIPMP	BXS-2	BXS-2	2/10/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.044	
2010_05SIPMP	BXS-2	BXS-2	5/26/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0091	J	0.015	J	0.0026	U	0.022	U

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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_08SIPMP	BXS-2	BXS-2	8/18/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.051	
2010_11SIPMP	BXS-2	BXS-2	11/18/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.026	U
2011_02SIPMP	BXS-2	BXS-2	2/9/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_05SIPMP	BXS-2	BXS-2	5/17/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.03	U
2011_08SIPMP	BXS-2	BXS-2	8/24/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0054	J	0.0026	U	0.011	J
2008_01	EW1-EW7	0130-COMP	1/30/08																
2008_03	EW1-EW7	EW1-7 COMP	2/27/08																
2008_SI	EW1-EW7	EW 1-7 Comp.	4/29/08																
2008_SI	EW1-EW7	Extra Well 1-7	7/29/08																
2008_SI	EW1-EW7	EW 1-7	10/22/08																
2009_SI	EW1-EW7	EW 1-7	2/11/09																
2009_SI	EW1-EW7	EW 1-7	5/7/09																
2008_SI	HCMW-7	HCMW-7	10/20/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.012	J	0.0092	J	0.0026	U	0.03	
2009_SI	HCMW-7	HCMW-7	2/11/09																
2009_SI	HCMW-7	HCMW-7	5/4/09																
2009_SI	HCMW-7	HCMW-7	8/3/09																
2009_SI	HCMW-7	HCMW-7	11/16/09																
2010_02SIPMP	HCMW-7	HCMW-7	2/8/10																
2010_05SIPMP	HCMW-7	HCMW-7	5/24/10																
2010_08SIPMP	HCMW-7	HCMW-7	8/16/10																
2010_11SIPMP	HCMW-7	HCMW-7	11/15/10																
2011_02SIPMP	HCMW-7	HCMW-7	2/7/11																
2011_05SIPMP	HCMW-7	HCMW-7	5/16/11																
2011_08SIPMP	HCMW-7	HCMW-7	8/23/11																
2008_SI	MW-10	MW-10	4/29/08																
2008_SI	MW-10	MW-10	7/29/08																
2006_SiteInvest	MW-15	MW-15	11/15/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.07	
2007_SI	MW-15	MW-15	2/2/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.33	
2007_SI	MW-15	MW-15	4/19/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.31	
2007_SI	MW-15	MW-15	7/17/07	0.019	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.019	U	0.28	
2007_SI	MW-15	MW-15	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.21	

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_01	MW-15	MW-15	1/8/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.41	
2008_SI	MW-15	MW-15	4/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.52	
2008_SI	MW-15	MW-15	7/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.44	
2008_SI	MW-15	MW-15	10/21/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.5	
2009_SI	MW-15	MW-15	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.49	
2009_SI	MW-15	MW-15	5/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.3	
2009_SI	MW-15	MW-15	8/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-15	MW-15	11/17/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2010_02SIPMP	MW-15	MW-15	2/8/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.045	
2010_05SIPMP	MW-15	MW-15	5/24/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0045	J
2010_08SIPMP	MW-15	MW-15	8/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0043	J
2010_11SIPMP	MW-15	MW-15	11/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.035	U
2011_02SIPMP	MW-15	MW-15	2/8/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_05SIPMP	MW-15	MW-15	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.037	U
2011_08SIPMP	MW-15	MW-15	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2006_SiteInvest	MW-16	MW-16	11/15/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.018	J
2007_SI	MW-16	MW-16	1/31/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.025	U
2007_SI	MW-16	MW-16	4/17/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	MW-16	MW-16	7/16/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2007_SI	MW-16	MW-16	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0037	J
2008_01	MW-16	MW-16	1/8/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0043	J
2008_SI	MW-16	MW-16	4/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	MW-16	MW-16	7/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_SI	MW-16	MW-16	10/20/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0041	J
2009_SI	MW-16	MW-16	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2009_SI	MW-16	MW-16	5/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	MW-16	MW-16	8/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2009_SI	MW-16	MW-16	11/16/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.091	U
2010_02SIPMP	MW-16	MW-16	2/8/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.043	
2010_05SIPMP	MW-16	MW-16	5/24/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.036	
2010_08SIPMP	MW-16	MW-16	8/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	J

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_11SIPMP	MW-16	MW-16	11/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.025	U
2011_02SIPMP	MW-16	MW-16	2/7/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.021	U
2011_05SIPMP	MW-16	MW-16	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_08SIPMP	MW-16	MW-16	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2006_SiteInvest	MW-17	MW-17	11/15/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.031	
2007_SI	MW-17	MW-17	2/2/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	MW-17	MW-17	4/17/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	MW-17	MW-17	7/17/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2007_SI	MW-17	MW-17	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0054	J
2008_01	MW-17	MW-17	1/8/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0036	J
2008_SI	MW-17	MW-17	4/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	MW-17	MW-17	7/28/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2008_SI	MW-17	MW-17	10/21/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-17	MW-17	2/9/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2009_SI	MW-17	MW-17	5/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-17	MW-17	8/3/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.048	U
2009_SI	MW-17	MW-17	11/17/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.073	U
2010_02SIPMP	MW-17	MW-17	2/8/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.05	
2010_05SIPMP	MW-17	MW-17	5/24/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.036	
2010_08SIPMP	MW-17	MW-17	8/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2010_11SIPMP	MW-17	MW-17	11/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.033	U
2011_02SIPMP	MW-17	MW-17	2/8/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_05SIPMP	MW-17	MW-17	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_08SIPMP	MW-17	MW-17	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2006_SiteInvest	MW-18	MW-18	11/13/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.044	U
2007_SI	MW-18	MW-18	2/2/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	MW-18	MW-18	4/17/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.02	U
2007_SI	MW-18	MW-18	7/16/07	0.019	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.061	
2007_SI	MW-18	MW-18	10/8/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0033	J
2008_01	MW-18	MW-18	1/7/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0035	J
2008_SI	MW-18	MW-18	4/28/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U

TABLE 4.13
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Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_SI	MW-18	MW-18	7/28/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2008_SI	MW-18	MW-18	10/20/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0033	J
2009_SI	MW-18	MW-18	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2009_SI	MW-18	MW-18	5/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-18	MW-18	8/3/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-18	MW-18	11/18/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.085	U
2010_02SIPMP	MW-18	MW-18	2/8/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0071	U	0.0038	U	0.0026	U	0.02	U
2010_05SIPMP	MW-18	MW-18	5/24/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.034	
2010_08SIPMP	MW-18	MW-18	8/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2010_11SIPMP	MW-18	MW-18	11/15/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_02SIPMP	MW-18	MW-18	2/7/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_05SIPMP	MW-18	MW-18	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.031	U
2011_08SIPMP	MW-18	MW-18	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2006_SiteInvest	MW-2	MW-2	11/13/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.0065	U
2007_SI	MW-2	MW-2	1/31/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.0065	U
2007_SI	MW-2	MW-2	4/17/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.0065	U
2007_SI	MW-2	MW-2	7/17/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2007_SI	MW-2	MW-2	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0039	J
2008_01	MW-2	MW-2	1/8/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.006	J
2008_SI	MW-2	MW-2	4/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_SI	MW-2	MW-2	7/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	MW-2	MW-2	10/21/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0048	J	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-2	MW-2	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2009_SI	MW-2	MW-2	5/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	MW-2	MW-2	8/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-2	MW-2	11/17/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.072	U
2010_02SIPMP	MW-2	MW-2	2/9/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.047	
2010_05SIPMP	MW-2	MW-2	5/25/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.036	U
2010_08SIPMP	MW-2	MW-2	8/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2010_11SIPMP	MW-2	MW-2	11/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.036	U
2011_02SIPMP	MW-2	MW-2	2/8/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U

TABLE 4.13
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Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2011_05SIPMP	MW-2	MW-2	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.033	U
2011_08SIPMP	MW-2	MW-2	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_01	MW-22	MW-22	1/10/08																
2008_03	MW-22	MW-22	2/27/08																
2008_SI	MW-22	MW-22	4/29/08																
2008_SI	MW-22	MW-22	7/29/08																
2008_SI	MW-22	MW-22	10/21/08																
2009_SI	MW-22	MW-22	2/11/09																
2009_SI	MW-22	MW-22	5/5/09																
2009_SI	MW-22	MW-22	8/4/09																
2009_SI	MW-22	MW-22	11/17/09																
2010_02SIPMP	MW-22	MW-22	2/9/10																
2010_05SIPMP	MW-22	MW-22	5/25/10																
2010_08SIPMP	MW-22	MW-22	8/18/10																
2010_11SIPMP	MW-22	MW-22	11/17/10																
2011_02SIPMP	MW-22	MW-22	2/9/11																
2011_05SIPMP	MW-22	MW-22	5/17/11																
2011_08SIPMP	MW-22	MW-22	8/23/11																
2008_01	MW-23	MW-23	1/10/08																
2008_03	MW-23	MW-23	2/27/08																
2008_SI	MW-23	MW-23	4/29/08																
2008_SI	MW-23	MW-23	7/29/08																
2008_SI	MW-23	MW-23	10/21/08																
2009_SI	MW-23	MW-23	2/11/09																
2009_SI	MW-23	MW-23	5/5/09																
2009_SI	MW-23	MW-23	8/4/09																
2009_SI	MW-23	MW-23	11/17/09																
2010_02SIPMP	MW-23	MW-23	2/9/10																
2010_05SIPMP	MW-23	MW-23	5/25/10																
2010_08SIPMP	MW-23	MW-23	8/18/10																
2010_11SIPMP	MW-23	MW-23	11/17/10																

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2011_02SIPMP	MW-23	MW-23	2/8/11																
2011_05SIPMP	MW-23	MW-23	5/17/11																
2011_08SIPMP	MW-23	MW-23	8/23/11																
2008_01	MW-24	MW-24	1/10/08																
2008_03	MW-24	MW-24	2/27/08																
2008_SI	MW-24	MW-24	4/29/08																
2008_SI	MW-24	MW-24	7/29/08																
2008_SI	MW-24	MW-24	10/21/08																
2009_SI	MW-24	MW-24	2/11/09																
2009_SI	MW-24	MW-24	5/5/09																
2009_SI	MW-24	MW-24	8/4/09																
2009_SI	MW-24	MW-24	11/17/09																
2010_02SIPMP	MW-24	MW-24	2/9/10																
2010_05SIPMP	MW-24	MW-24	5/25/10																
2010_08SIPMP	MW-24	MW-24	8/17/10																
2010_11SIPMP	MW-24	MW-24	11/17/10																
2011_02SIPMP	MW-24	MW-24	2/9/11																
2011_05SIPMP	MW-24	MW-24	5/17/11																
2011_08SIPMP	MW-24	MW-24	8/23/11																
2008_01	MW-25	MW-25	1/10/08																
2008_03	MW-25	MW-25	2/27/08																
2008_SI	MW-25	MW-25	4/29/08																
2008_SI	MW-25	MW-25	7/29/08																
2008_SI	MW-25	MW-25	10/21/08																
2009_SI	MW-25	MW-25	2/11/09																
2009_SI	MW-25	MW-25	5/5/09																
2009_SI	MW-25	MW-25	8/4/09																
2009_SI	MW-25	MW-25	11/17/09																
2010_02SIPMP	MW-25	MW-25	2/9/10																
2010_05SIPMP	MW-25	MW-25	5/25/10																
2010_08SIPMP	MW-25	MW-25	8/18/10																

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_11SIPMP	MW-25	MW-25	11/17/10																
2011_02SIPMP	MW-25	MW-25	2/9/11																
2011_05SIPMP	MW-25	MW-25	5/17/11																
2011_08SIPMP	MW-25	MW-25	8/23/11																
2008_01	MW-26	MW-26	1/9/08																
2008_03	MW-26	MW-26	2/27/08																
2008_SI	MW-26	MW-26	4/29/08																
2008_SI	MW-26	MW-26	7/29/08																
2008_SI	MW-26	MW-26	10/21/08																
2009_SI	MW-26	MW-26	2/11/09																
2009_SI	MW-26	MW-26	5/5/09																
2009_SI	MW-26	MW-26	8/4/09																
2009_SI	MW-26	MW-26	11/17/09																
2010_02SIPMP	MW-26	MW-26	2/9/10																
2010_05SIPMP	MW-26	MW-26	5/25/10																
2010_08SIPMP	MW-26	MW-26	8/18/10																
2010_11SIPMP	MW-26	MW-26	11/17/10																
2011_02SIPMP	MW-26	MW-26	2/9/11																
2011_05SIPMP	MW-26	MW-26	5/18/11																
2011_08SIPMP	MW-26	MW-26	8/24/11																
2008_01	MW-27	MW-27	1/10/08																
2008_03	MW-27	MW-27	2/27/08																
2008_SI	MW-27	MW-27	4/29/08																
2008_SI	MW-27	MW-27	7/29/08																
2008_SI	MW-27	MW-27	10/21/08																
2009_SI	MW-27	MW-27	2/11/09																
2009_SI	MW-27	MW-27	5/5/09																
2009_SI	MW-27	MW-27	8/4/09																
2009_SI	MW-27	MW-27	11/17/09																
2010_02SIPMP	MW-27	MW-27	2/9/10																
2010_05SIPMP	MW-27	MW-27	5/25/10																

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_08SIPMP	MW-27	MW-27	8/18/10																
2010_11SIPMP	MW-27	MW-27	11/17/10																
2011_02SIPMP	MW-27	MW-27	2/9/11																
2011_05SIPMP	MW-27	MW-27	5/18/11																
2011_08SIPMP	MW-27	MW-27	8/24/11																
2008_01	MW-28	MW-28	1/9/08																
2008_03	MW-28	MW-28	2/26/08																
2008_SI	MW-28	MW-28	4/29/08																
2008_SI	MW-28	MW-28	7/28/08																
2008_SI	MW-28	MW-28	10/21/08																
2009_SI	MW-28	MW-28	2/11/09																
2009_SI	MW-28	MW-28	5/5/09																
2009_SI	MW-28	MW-28	8/4/09																
2009_SI	MW-28	MW-28	11/17/09																
2010_02SIPMP	MW-28	MW-28	2/9/10																
2010_05SIPMP	MW-28	MW-28	5/25/10																
2010_08SIPMP	MW-28	MW-28	8/17/10																
2010_11SIPMP	MW-28	MW-28	11/17/10																
2011_02SIPMP	MW-28	MW-28	2/10/11																
2011_05SIPMP	MW-28	MW-28	5/18/11																
2011_08SIPMP	MW-28	MW-28	8/24/11																
2008_01	MW-29	MW-29	1/10/08																
2008_03	MW-29	MW-29	2/26/08																
2008_SI	MW-29	MW-29	4/28/08																
2008_SI	MW-29	MW-29	7/28/08																
2008_SI	MW-29	MW-29	10/20/08																
2009_SI	MW-29	MW-29	2/11/09																
2009_SI	MW-29	MW-29	5/5/09																
2009_SI	MW-29	MW-29	8/4/09																
2009_SI	MW-29	MW-29	11/17/09																
2010_02SIPMP	MW-29	MW-29	2/9/10																

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2010_05SIPMP	MW-29	MW-29	5/24/10																
2010_08SIPMP	MW-29	MW-29	8/17/10																
2010_11SIPMP	MW-29	MW-29	11/17/10																
2011_02SIPMP	MW-29	MW-29	2/8/11																
2011_05SIPMP	MW-29	MW-29	5/17/11																
2011_08SIPMP	MW-29	MW-29	8/23/11																
2006_SiteInvest	MW-3	MW-3	11/13/06	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.0065	U
2007_SI	MW-3	MW-3	1/31/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.023	U
2007_SI	MW-3	MW-3	4/17/07	0.0041	U	0.0051	U	0.0053	U	0.0036	U	0.0047	U	0.075		0.0033	U	2.7	
2007_SI	MW-3	MW-3	7/17/07	0.019	U	0.003	J	0.012	J	0.0025	U	0.0081	J	0.083	J	0.019	U	0.84	J
2007_SI	MW-3	MW-3	10/9/07	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0063	J
2008_01LF	MW-3	MW-3	1/9/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.017	J	0.0026	U	0.11	
2008_03	MW-3	MW-3	2/26/08																
2008_SI	MW-3	MW-3	4/29/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.36		0.0026	U	3.9	
2008_SI	MW-3	MW-3	7/29/08	0.0029	J	0.0025	U	0.0034	U	0.0025	U	0.0044	U	1.1		0.02	U	6.5	
2008_SI	MW-3	MW-3	10/21/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	1.5		0.0026	U	6	
2009_SI	MW-3	MW-3	2/10/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	MW-3	MW-3	5/5/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2009_SI	MW-3	MW-3	8/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-3	MW-3	11/17/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	2.2		0.0026	U	3.8	
2010_02SIPMP	MW-3	MW-3	2/9/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.095	
2010_05SIPMP	MW-3	MW-3	5/25/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0058	J	0.0038	U	0.0026	U	0.02	U
2010_08SIPMP	MW-3	MW-3	8/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U
2010_11SIPMP	MW-3	MW-3	11/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.66		0.0026	U	0.56	
2011_02SIPMP	MW-3	MW-3	2/8/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_05SIPMP	MW-3	MW-3	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.033	U
2011_08SIPMP	MW-3	MW-3	8/23/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2008_01	MW-30	MW-30	1/10/08																
2008_03	MW-30	MW-30	2/26/08																
2008_SI	MW-30	MW-30	4/28/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2008_SI	MW-30	MW-30	7/28/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U

TABLE 4.13
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				Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene	
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
2008_SI	MW-30	MW-30	10/21/08	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	J	0.019	U	0.0026	U	0.026	U
2009_SI	MW-30	MW-30	2/11/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U
2009_SI	MW-30	MW-30	5/4/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0044	J	0.0026	U	0.05	U
2009_SI	MW-30	MW-30	8/3/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.024	U
2009_SI	MW-30	MW-30	11/16/09	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.011	U
2010_02SIPMP	MW-30	MW-30	2/8/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0091	Ui	0.0038	U	0.0026	U	0.039	
2010_05SIPMP	MW-30	MW-30	5/24/10	0.0049	J	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0043	J	0.013	J
2010_08SIPMP	MW-30	MW-30	8/17/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.031	
2010_11SIPMP	MW-30	MW-30	11/16/10	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.072	
2011_02SIPMP	MW-30	MW-30	2/8/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.021	U
2011_05SIPMP	MW-30	MW-30	5/16/11	0.0029	U	0.0025	U	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U
2011_08SIPMP	MW-30	MW-30	8/23/11																
2008_01	MW-31	MW-31	1/9/08																
2008_03	MW-31	MW-31	2/26/08																
2008_SI	MW-31	MW-31	4/28/08																
2008_SI	MW-31	MW-31	7/28/08																
2008_SI	MW-31	MW-31	10/21/08																
2009_SI	MW-31	MW-31	2/11/09																
2009_SI	MW-31	MW-31	5/5/09																
2009_SI	MW-31	MW-31	8/3/09																
2009_SI	MW-31	MW-31	11/17/09																
2010_02SIPMP	MW-31	MW-31	2/8/10																
2010_05SIPMP	MW-31	MW-31	5/24/10																
2010_08SIPMP	MW-31	MW-31	8/16/10																
2010_11SIPMP	MW-31	MW-31	11/16/10																
2011_02SIPMP	MW-31	MW-31	2/8/11																
2011_05SIPMP	MW-31	MW-31	5/16/11																
2011_08SIPMP	MW-31	MW-31	8/23/11																
2008_01	MW-32	MW-32	1/10/08																

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
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				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2008_01LF	BXS-1	BXS-1	1/9/08	0.005	U	0.0035	U	0.0067
2008_03	BXS-1	BXS-1	2/26/08					
2008_SI	BXS-1	BXS-1	4/30/08	0.005	U	0.0035	U	ND
2008_SI	BXS-1	BXS-1	7/29/08	0.005	U	0.0035	U	ND
2008_SI	BXS-1	BXS-1	10/22/08	0.005	U	0.0035	U	0.02
2009_SI	BXS-1	BXS-1	2/10/09	0.005	U	0.0035	U	ND
2009_SI	BXS-1	BXS-1	5/6/09	0.005	U	0.0035	U	ND
2009_SI	BXS-1	BXS-1	8/5/09	0.005	U	0.0035	U	ND
2009_SI	BXS-1	BXS-1	11/18/09	0.005	U	0.0035	U	ND
2010_02SIPMP	BXS-1	BXS-1	2/10/10	0.005	U	0.0035	U	0.06
2010_05SIPMP	BXS-1	BXS-1	5/26/10	0.009	J	0.0037	J	0.0172
2010_08SIPMP	BXS-1	BXS-1	8/18/10	0.005	U	0.0035	U	0.072
2010_11SIPMP	BXS-1	BXS-1	11/18/10	0.005	U	0.0035	U	0.0057
2011_02SIPMP	BXS-1	BXS-1	2/9/11	0.005	U	0.0035	U	0.0668
2011_05SIPMP	BXS-1	BXS-1	5/17/11	0.0063	J	0.0035	U	0.0359
2011_08SIPMP	BXS-1	BXS-1	8/24/11	0.005	U	0.0035	U	0.0138
2006_SiteInvest	BXS-2	BXS-2	11/8/06	0.0032	U	0.0047	U	0.011
2007_SI	BXS-2	BXS-2	2/1/07	0.0032	U	0.0047	U	0.0092
2007_SI	BXS-2	BXS-2	4/18/07	0.0032	U	0.0047	U	0.0138
2007_SI	BXS-2	BXS-2	7/17/07	0.005	U	0.0035	U	0.007
2007_SI	BXS-2	BXS-2	10/9/07	0.005	U	0.0035	U	0.0198
2008_01LF	BXS-2	BXS-2	1/9/08	0.005	U	0.0035	U	0.005
2008_SI	BXS-2	BXS-2	4/30/08	0.005	U	0.0035	U	ND
2008_SI	BXS-2	BXS-2	7/30/08	0.005	U	0.0035	U	ND
2008_SI	BXS-2	BXS-2	10/22/08	0.005	U	0.0035	U	0.0714
2009_SI	BXS-2	BXS-2	2/10/09	0.005	U	0.0035	U	ND
2009_SI	BXS-2	BXS-2	5/6/09	0.005	U	0.0035	U	0.0042
2009_SI	BXS-2	BXS-2	8/5/09	0.005	U	0.0035	U	ND
2009_SI	BXS-2	BXS-2	11/18/09	0.005	U	0.0035	U	ND
2010_02SIPMP	BXS-2	BXS-2	2/10/10	0.005	U	0.013	J	0.057
2010_05SIPMP	BXS-2	BXS-2	5/26/10	0.034		0.0047	J	0.0872

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
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				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2010_08SIPMP	BXS-2	BXS-2	8/18/10	0.005	U	0.0074	J	0.063
2010_11SIPMP	BXS-2	BXS-2	11/18/10	0.005	U	0.0035	U	0.0025
2011_02SIPMP	BXS-2	BXS-2	2/9/11	0.005	U	0.0035	U	ND
2011_05SIPMP	BXS-2	BXS-2	5/17/11	0.005	U	0.0035	U	0.0057
2011_08SIPMP	BXS-2	BXS-2	8/24/11	0.005	U	0.0035	U	0.0202
2008_01	EW1-EW7	0130-COMP	1/30/08					
2008_03	EW1-EW7	EW1-7 COMP	2/27/08					
2008_SI	EW1-EW7	EW 1-7 Comp.	4/29/08					
2008_SI	EW1-EW7	Extra Well 1-7	7/29/08					
2008_SI	EW1-EW7	EW 1-7	10/22/08					
2009_SI	EW1-EW7	EW 1-7	2/11/09					
2009_SI	EW1-EW7	EW 1-7	5/7/09					
2008_SI	HCMW-7	HCMW-7	10/20/08	0.025		0.0083	J	0.1135
2009_SI	HCMW-7	HCMW-7	2/11/09					
2009_SI	HCMW-7	HCMW-7	5/4/09					
2009_SI	HCMW-7	HCMW-7	8/3/09					
2009_SI	HCMW-7	HCMW-7	11/16/09					
2010_02SIPMP	HCMW-7	HCMW-7	2/8/10					
2010_05SIPMP	HCMW-7	HCMW-7	5/24/10					
2010_08SIPMP	HCMW-7	HCMW-7	8/16/10					
2010_11SIPMP	HCMW-7	HCMW-7	11/15/10					
2011_02SIPMP	HCMW-7	HCMW-7	2/7/11					
2011_05SIPMP	HCMW-7	HCMW-7	5/16/11					
2011_08SIPMP	HCMW-7	HCMW-7	8/23/11					
2008_SI	MW-10	MW-10	4/29/08					
2008_SI	MW-10	MW-10	7/29/08					
2006_SiteInvest	MW-15	MW-15	11/15/06	0.0032	U	0.0047	U	0.0728
2007_SI	MW-15	MW-15	2/2/07	0.0032	U	0.0047	U	0.3386
2007_SI	MW-15	MW-15	4/19/07	0.0032	U	0.0047	U	0.3238
2007_SI	MW-15	MW-15	7/17/07	0.0056	J	0.0035	U	0.316
2007_SI	MW-15	MW-15	10/9/07	0.005	U	0.0035	U	0.2223

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2008_01	MW-15	MW-15	1/8/08	0.005	U	0.0035	U	0.4397
2008_SI	MW-15	MW-15	4/29/08	0.005	U	0.0035	U	0.5287
2008_SI	MW-15	MW-15	7/29/08	0.005	U	0.0035	U	0.4476
2008_SI	MW-15	MW-15	10/21/08	0.005	U	0.0035	U	0.52
2009_SI	MW-15	MW-15	2/10/09	0.005	U	0.0035	U	0.5039
2009_SI	MW-15	MW-15	5/5/09	0.005	U	0.0035	U	0.3109
2009_SI	MW-15	MW-15	8/4/09	0.005	U	0.0035	U	0.0039
2009_SI	MW-15	MW-15	11/17/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-15	MW-15	2/8/10	0.005	U	0.0035	U	0.045
2010_05SIPMP	MW-15	MW-15	5/24/10	0.005	U	0.0036	J	0.0081
2010_08SIPMP	MW-15	MW-15	8/17/10	0.005	U	0.0035	U	0.0043
2010_11SIPMP	MW-15	MW-15	11/16/10	0.005	U	0.0035	U	ND
2011_02SIPMP	MW-15	MW-15	2/8/11	0.005	U	0.0035	U	ND
2011_05SIPMP	MW-15	MW-15	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-15	MW-15	8/23/11	0.005	U	0.0035	U	ND
2006_SiteInvest	MW-16	MW-16	11/15/06	0.0032	U	0.0047	U	0.032
2007_SI	MW-16	MW-16	1/31/07	0.02	U	0.0047	U	0.014
2007_SI	MW-16	MW-16	4/17/07	0.02	U	0.0047	U	ND
2007_SI	MW-16	MW-16	7/16/07	0.005	U	0.0035	U	0.0032
2007_SI	MW-16	MW-16	10/9/07	0.005	U	0.0035	U	0.0065
2008_01	MW-16	MW-16	1/8/08	0.005	U	0.0035	U	0.0072
2008_SI	MW-16	MW-16	4/29/08	0.005	U	0.0035	U	ND
2008_SI	MW-16	MW-16	7/29/08	0.005	U	0.0035	U	ND
2008_SI	MW-16	MW-16	10/20/08	0.0067	J	0.0035	U	0.0108
2009_SI	MW-16	MW-16	2/10/09	0.005	U	0.0035	U	ND
2009_SI	MW-16	MW-16	5/4/09	0.005	U	0.0035	U	ND
2009_SI	MW-16	MW-16	8/4/09	0.005	U	0.0035	U	ND
2009_SI	MW-16	MW-16	11/16/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-16	MW-16	2/8/10	0.005	U	0.0035	U	0.043
2010_05SIPMP	MW-16	MW-16	5/24/10	0.005	U	0.0035	U	0.036
2010_08SIPMP	MW-16	MW-16	8/17/10	0.005	U	0.0035	U	0.019

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2010_11SIPMP	MW-16	MW-16	11/16/10	0.005	U	0.0035	U	ND
2011_02SIPMP	MW-16	MW-16	2/7/11	0.005	U	0.0035	U	ND
2011_05SIPMP	MW-16	MW-16	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-16	MW-16	8/23/11	0.005	U	0.0035	U	ND
2006_SiteInvest	MW-17	MW-17	11/15/06	0.0032	U	0.0047	U	0.05
2007_SI	MW-17	MW-17	2/2/07	0.02	U	0.0047	U	ND
2007_SI	MW-17	MW-17	4/17/07	0.02	U	0.0047	U	ND
2007_SI	MW-17	MW-17	7/17/07	0.005	U	0.0035	U	0.004
2007_SI	MW-17	MW-17	10/9/07	0.005	U	0.0035	U	0.0101
2008_01	MW-17	MW-17	1/8/08	0.005	U	0.0035	U	0.0079
2008_SI	MW-17	MW-17	4/29/08	0.005	U	0.0035	U	ND
2008_SI	MW-17	MW-17	7/28/08	0.005	U	0.0035	U	ND
2008_SI	MW-17	MW-17	10/21/08	0.005	U	0.0035	U	ND
2009_SI	MW-17	MW-17	2/9/09	0.005	U	0.0035	U	ND
2009_SI	MW-17	MW-17	5/5/09	0.005	U	0.0035	U	ND
2009_SI	MW-17	MW-17	8/3/09	0.005	U	0.0035	U	ND
2009_SI	MW-17	MW-17	11/17/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-17	MW-17	2/8/10	0.005	U	0.0035	U	0.05
2010_05SIPMP	MW-17	MW-17	5/24/10	0.0059	U	0.0039	J	0.0399
2010_08SIPMP	MW-17	MW-17	8/16/10	0.005	U	0.0035	U	0.0031
2010_11SIPMP	MW-17	MW-17	11/16/10	0.005	U	0.0035	U	ND
2011_02SIPMP	MW-17	MW-17	2/8/11	0.005	U	0.0035	U	ND
2011_05SIPMP	MW-17	MW-17	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-17	MW-17	8/23/11	0.005	U	0.0035	U	ND
2006_SiteInvest	MW-18	MW-18	11/13/06	0.0032	U	0.0047	U	ND
2007_SI	MW-18	MW-18	2/2/07	0.02	U	0.0047	U	ND
2007_SI	MW-18	MW-18	4/17/07	0.0032	U	0.0047	U	ND
2007_SI	MW-18	MW-18	7/16/07	0.005	U	0.0035	U	0.0668
2007_SI	MW-18	MW-18	10/8/07	0.005	U	0.0035	U	0.0033
2008_01	MW-18	MW-18	1/7/08	0.005	U	0.0035	U	0.0084
2008_SI	MW-18	MW-18	4/28/08	0.005	U	0.0035	U	ND

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2008_SI	MW-18	MW-18	7/28/08	0.005	U	0.0035	U	ND
2008_SI	MW-18	MW-18	10/20/08	0.005	U	0.0035	U	0.0033
2009_SI	MW-18	MW-18	2/10/09	0.005	U	0.0035	U	ND
2009_SI	MW-18	MW-18	5/4/09	0.005	U	0.0035	U	ND
2009_SI	MW-18	MW-18	8/3/09	0.005	U	0.0035	U	ND
2009_SI	MW-18	MW-18	11/18/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-18	MW-18	2/8/10	0.005	U	0.0035	U	ND
2010_05SIPMP	MW-18	MW-18	5/24/10	0.005	U	0.0035	U	0.034
2010_08SIPMP	MW-18	MW-18	8/16/10	0.005	U	0.0035	U	ND
2010_11SIPMP	MW-18	MW-18	11/15/10	0.005	U	0.0035	U	ND
2011_02SIPMP	MW-18	MW-18	2/7/11	0.005	U	0.0035	U	ND
2011_05SIPMP	MW-18	MW-18	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-18	MW-18	8/23/11	0.005	U	0.0035	U	ND
2006_SiteInvest	MW-2	MW-2	11/13/06	0.0032	U	0.0047	U	ND
2007_SI	MW-2	MW-2	1/31/07	0.0032	U	0.0047	U	ND
2007_SI	MW-2	MW-2	4/17/07	0.02	U	0.0047	U	ND
2007_SI	MW-2	MW-2	7/17/07	0.005	U	0.0035	U	0.0081
2007_SI	MW-2	MW-2	10/9/07	0.005	U	0.0035	U	0.0103
2008_01	MW-2	MW-2	1/8/08	0.005	U	0.0035	U	0.0151
2008_SI	MW-2	MW-2	4/29/08	0.005	U	0.0035	U	ND
2008_SI	MW-2	MW-2	7/29/08	0.005	U	0.0035	U	ND
2008_SI	MW-2	MW-2	10/21/08	0.019	U	0.0035	U	0.0048
2009_SI	MW-2	MW-2	2/10/09	0.005	U	0.0035	U	ND
2009_SI	MW-2	MW-2	5/5/09	0.005	U	0.0035	U	ND
2009_SI	MW-2	MW-2	8/4/09	0.005	U	0.0035	U	ND
2009_SI	MW-2	MW-2	11/17/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-2	MW-2	2/9/10	0.005	U	0.0035	U	0.047
2010_05SIPMP	MW-2	MW-2	5/25/10	0.005	U	0.0035	U	ND
2010_08SIPMP	MW-2	MW-2	8/17/10	0.005	U	0.0035	U	ND
2010_11SIPMP	MW-2	MW-2	11/17/10	0.005	U	0.0035	U	ND
2011_02SIPMP	MW-2	MW-2	2/8/11	0.005	U	0.0035	U	ND

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2011_05SIPMP	MW-2	MW-2	5/16/11	0.005	U	0.0035	U	0.0045
2011_08SIPMP	MW-2	MW-2	8/23/11	0.005	U	0.0035	U	0.012
2008_01	MW-22	MW-22	1/10/08					
2008_03	MW-22	MW-22	2/27/08					
2008_SI	MW-22	MW-22	4/29/08					
2008_SI	MW-22	MW-22	7/29/08					
2008_SI	MW-22	MW-22	10/21/08					
2009_SI	MW-22	MW-22	2/11/09					
2009_SI	MW-22	MW-22	5/5/09					
2009_SI	MW-22	MW-22	8/4/09					
2009_SI	MW-22	MW-22	11/17/09					
2010_02SIPMP	MW-22	MW-22	2/9/10					
2010_05SIPMP	MW-22	MW-22	5/25/10					
2010_08SIPMP	MW-22	MW-22	8/18/10					
2010_11SIPMP	MW-22	MW-22	11/17/10					
2011_02SIPMP	MW-22	MW-22	2/9/11					
2011_05SIPMP	MW-22	MW-22	5/17/11					
2011_08SIPMP	MW-22	MW-22	8/23/11					
2008_01	MW-23	MW-23	1/10/08					
2008_03	MW-23	MW-23	2/27/08					
2008_SI	MW-23	MW-23	4/29/08					
2008_SI	MW-23	MW-23	7/29/08					
2008_SI	MW-23	MW-23	10/21/08					
2009_SI	MW-23	MW-23	2/11/09					
2009_SI	MW-23	MW-23	5/5/09					
2009_SI	MW-23	MW-23	8/4/09					
2009_SI	MW-23	MW-23	11/17/09					
2010_02SIPMP	MW-23	MW-23	2/9/10					
2010_05SIPMP	MW-23	MW-23	5/25/10					
2010_08SIPMP	MW-23	MW-23	8/18/10					
2010_11SIPMP	MW-23	MW-23	11/17/10					

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2011_02SIPMP	MW-23	MW-23	2/8/11					
2011_05SIPMP	MW-23	MW-23	5/17/11					
2011_08SIPMP	MW-23	MW-23	8/23/11					
2008_01	MW-24	MW-24	1/10/08					
2008_03	MW-24	MW-24	2/27/08					
2008_SI	MW-24	MW-24	4/29/08					
2008_SI	MW-24	MW-24	7/29/08					
2008_SI	MW-24	MW-24	10/21/08					
2009_SI	MW-24	MW-24	2/11/09					
2009_SI	MW-24	MW-24	5/5/09					
2009_SI	MW-24	MW-24	8/4/09					
2009_SI	MW-24	MW-24	11/17/09					
2010_02SIPMP	MW-24	MW-24	2/9/10					
2010_05SIPMP	MW-24	MW-24	5/25/10					
2010_08SIPMP	MW-24	MW-24	8/17/10					
2010_11SIPMP	MW-24	MW-24	11/17/10					
2011_02SIPMP	MW-24	MW-24	2/9/11					
2011_05SIPMP	MW-24	MW-24	5/17/11					
2011_08SIPMP	MW-24	MW-24	8/23/11					
2008_01	MW-25	MW-25	1/10/08					
2008_03	MW-25	MW-25	2/27/08					
2008_SI	MW-25	MW-25	4/29/08					
2008_SI	MW-25	MW-25	7/29/08					
2008_SI	MW-25	MW-25	10/21/08					
2009_SI	MW-25	MW-25	2/11/09					
2009_SI	MW-25	MW-25	5/5/09					
2009_SI	MW-25	MW-25	8/4/09					
2009_SI	MW-25	MW-25	11/17/09					
2010_02SIPMP	MW-25	MW-25	2/9/10					
2010_05SIPMP	MW-25	MW-25	5/25/10					
2010_08SIPMP	MW-25	MW-25	8/18/10					

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2010_11SIPMP	MW-25	MW-25	11/17/10					
2011_02SIPMP	MW-25	MW-25	2/9/11					
2011_05SIPMP	MW-25	MW-25	5/17/11					
2011_08SIPMP	MW-25	MW-25	8/23/11					
2008_01	MW-26	MW-26	1/9/08					
2008_03	MW-26	MW-26	2/27/08					
2008_SI	MW-26	MW-26	4/29/08					
2008_SI	MW-26	MW-26	7/29/08					
2008_SI	MW-26	MW-26	10/21/08					
2009_SI	MW-26	MW-26	2/11/09					
2009_SI	MW-26	MW-26	5/5/09					
2009_SI	MW-26	MW-26	8/4/09					
2009_SI	MW-26	MW-26	11/17/09					
2010_02SIPMP	MW-26	MW-26	2/9/10					
2010_05SIPMP	MW-26	MW-26	5/25/10					
2010_08SIPMP	MW-26	MW-26	8/18/10					
2010_11SIPMP	MW-26	MW-26	11/17/10					
2011_02SIPMP	MW-26	MW-26	2/9/11					
2011_05SIPMP	MW-26	MW-26	5/18/11					
2011_08SIPMP	MW-26	MW-26	8/24/11					
2008_01	MW-27	MW-27	1/10/08					
2008_03	MW-27	MW-27	2/27/08					
2008_SI	MW-27	MW-27	4/29/08					
2008_SI	MW-27	MW-27	7/29/08					
2008_SI	MW-27	MW-27	10/21/08					
2009_SI	MW-27	MW-27	2/11/09					
2009_SI	MW-27	MW-27	5/5/09					
2009_SI	MW-27	MW-27	8/4/09					
2009_SI	MW-27	MW-27	11/17/09					
2010_02SIPMP	MW-27	MW-27	2/9/10					
2010_05SIPMP	MW-27	MW-27	5/25/10					

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

Event	Station ID	Sample ID	Sampdate	Phenanthrene		Pyrene		Total PAH (calc)
				ug/L		ug/L		ug/L
2010_08SIPMP	MW-27	MW-27	8/18/10					
2010_11SIPMP	MW-27	MW-27	11/17/10					
2011_02SIPMP	MW-27	MW-27	2/9/11					
2011_05SIPMP	MW-27	MW-27	5/18/11					
2011_08SIPMP	MW-27	MW-27	8/24/11					
2008_01	MW-28	MW-28	1/9/08					
2008_03	MW-28	MW-28	2/26/08					
2008_SI	MW-28	MW-28	4/29/08					
2008_SI	MW-28	MW-28	7/28/08					
2008_SI	MW-28	MW-28	10/21/08					
2009_SI	MW-28	MW-28	2/11/09					
2009_SI	MW-28	MW-28	5/5/09					
2009_SI	MW-28	MW-28	8/4/09					
2009_SI	MW-28	MW-28	11/17/09					
2010_02SIPMP	MW-28	MW-28	2/9/10					
2010_05SIPMP	MW-28	MW-28	5/25/10					
2010_08SIPMP	MW-28	MW-28	8/17/10					
2010_11SIPMP	MW-28	MW-28	11/17/10					
2011_02SIPMP	MW-28	MW-28	2/10/11					
2011_05SIPMP	MW-28	MW-28	5/18/11					
2011_08SIPMP	MW-28	MW-28	8/24/11					
2008_01	MW-29	MW-29	1/10/08					
2008_03	MW-29	MW-29	2/26/08					
2008_SI	MW-29	MW-29	4/28/08					
2008_SI	MW-29	MW-29	7/28/08					
2008_SI	MW-29	MW-29	10/20/08					
2009_SI	MW-29	MW-29	2/11/09					
2009_SI	MW-29	MW-29	5/5/09					
2009_SI	MW-29	MW-29	8/4/09					
2009_SI	MW-29	MW-29	11/17/09					
2010_02SIPMP	MW-29	MW-29	2/9/10					

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2010_05SIPMP	MW-29	MW-29	5/24/10					
2010_08SIPMP	MW-29	MW-29	8/17/10					
2010_11SIPMP	MW-29	MW-29	11/17/10					
2011_02SIPMP	MW-29	MW-29	2/8/11					
2011_05SIPMP	MW-29	MW-29	5/17/11					
2011_08SIPMP	MW-29	MW-29	8/23/11					
2006_SiteInvest	MW-3	MW-3	11/13/06	0.0032	U	0.0047	U	ND
2007_SI	MW-3	MW-3	1/31/07	0.02	U	0.0047	U	0.0165
2007_SI	MW-3	MW-3	4/17/07	0.02	U	0.0047	U	3.575
2007_SI	MW-3	MW-3	7/17/07	0.0052	J	0.012	J	1.3427
2007_SI	MW-3	MW-3	10/9/07	0.005	U	0.0035	U	0.0063
2008_01LF	MW-3	MW-3	1/9/08	0.005	U	0.0035	U	0.1764
2008_03	MW-3	MW-3	2/26/08					
2008_SI	MW-3	MW-3	4/29/08	0.024		0.0035	U	6.268
2008_SI	MW-3	MW-3	7/29/08	0.048		0.0035	U	9.7421
2008_SI	MW-3	MW-3	10/21/08	0.039	U	0.0035	U	9.92
2009_SI	MW-3	MW-3	2/10/09	0.005	U	0.0035	U	ND
2009_SI	MW-3	MW-3	5/5/09	0.005	U	0.0035	U	ND
2009_SI	MW-3	MW-3	8/4/09	0.005	U	0.0035	U	0.033
2009_SI	MW-3	MW-3	11/17/09	0.1		0.0035	U	8.5
2010_02SIPMP	MW-3	MW-3	2/9/10	0.005	U	0.0035	U	0.095
2010_05SIPMP	MW-3	MW-3	5/25/10	0.005	U	0.0041	J	0.0141
2010_08SIPMP	MW-3	MW-3	8/17/10	0.005	U	0.0035	U	ND
2010_11SIPMP	MW-3	MW-3	11/16/10	0.11		0.0035	U	1.749
2011_02SIPMP	MW-3	MW-3	2/8/11	0.005	U	0.0035	U	0.004
2011_05SIPMP	MW-3	MW-3	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-3	MW-3	8/23/11	0.005	U	0.0035	U	ND
2008_01	MW-30	MW-30	1/10/08					
2008_03	MW-30	MW-30	2/26/08					
2008_SI	MW-30	MW-30	4/28/08	0.005	U	0.0035	U	ND
2008_SI	MW-30	MW-30	7/28/08	0.005	U	0.007	J	0.007

TABLE 4.13
Groundwater Sampling Analytical Results - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

				Phenanthrene		Pyrene		Total PAH (calc)
Event	Station ID	Sample ID	Sampdate	ug/L		ug/L		ug/L
2008_SI	MW-30	MW-30	10/21/08	0.024	U	0.0042	J	0.0206
2009_SI	MW-30	MW-30	2/11/09	0.005	U	0.0035	U	ND
2009_SI	MW-30	MW-30	5/4/09	0.0054	J	0.0035	U	0.0126
2009_SI	MW-30	MW-30	8/3/09	0.005	U	0.0035	U	ND
2009_SI	MW-30	MW-30	11/16/09	0.005	U	0.0035	U	ND
2010_02SIPMP	MW-30	MW-30	2/8/10	0.005	U	0.0035	U	0.039
2010_05SIPMP	MW-30	MW-30	5/24/10	0.005	U	0.0042	J	0.0328
2010_08SIPMP	MW-30	MW-30	8/17/10	0.005	U	0.0035	U	0.031
2010_11SIPMP	MW-30	MW-30	11/16/10	0.005	U	0.0035	U	0.072
2011_02SIPMP	MW-30	MW-30	2/8/11	0.005	U	0.0035	U	0.0032
2011_05SIPMP	MW-30	MW-30	5/16/11	0.005	U	0.0035	U	ND
2011_08SIPMP	MW-30	MW-30	8/23/11					
2008_01	MW-31	MW-31	1/9/08					
2008_03	MW-31	MW-31	2/26/08					
2008_SI	MW-31	MW-31	4/28/08					
2008_SI	MW-31	MW-31	7/28/08					
2008_SI	MW-31	MW-31	10/21/08					
2009_SI	MW-31	MW-31	2/11/09					
2009_SI	MW-31	MW-31	5/5/09					
2009_SI	MW-31	MW-31	8/3/09					
2009_SI	MW-31	MW-31	11/17/09					
2010_02SIPMP	MW-31	MW-31	2/8/10					
2010_05SIPMP	MW-31	MW-31	5/24/10					
2010_08SIPMP	MW-31	MW-31	8/16/10					
2010_11SIPMP	MW-31	MW-31	11/16/10					
2011_02SIPMP	MW-31	MW-31	2/8/11					
2011_05SIPMP	MW-31	MW-31	5/16/11					
2011_08SIPMP	MW-31	MW-31	8/23/11					
2008_01	MW-32	MW-32	1/10/08					

TABLE 4.14
Pentachlorophenol and Breakdown Products from Extraction Well Composite Samples (2009 - 3rd Quarter 2011)
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

Sample ID	Sample date	2,4,5-Trichloro-phenol 8270C SIM ug/L	2,4,6-Trichloro-phenol 8270C SIM ug/L	2,3,4,6-Tetrachloro-phenol 8270C SIM ug/L	2,3,5,6-Tetrachloro-phenol 8270C SIM ug/L	Total Tetrachlorophenols 8151M ug/L	3,4-Dichlorophenol 8151M ug/L	3,5-Dichlorophenol 8151M ug/L	Pentachloro-phenol 8151A ug/L	Comment
EWCOMP030509	3/5/2009	1.0 U	1.0 U	15.0	2.0				430	
EWCOMP040209	4/2/2009	1.0 U	1.0 U	15.0	2.5				180	
EWCOMP052609	5/26/2009	1.1 U	1.1 U	12.0	2.0				240	
EWCOMP070709	7/7/2009	1.0 U	1.0 U	9.1	1.2				190	
EW-1-EW-7	8/5/2009	0.98 U	0.98 U	8.9	1.3				240	PCP from Method 8270D
EWCOMP082709	8/27/2009	1.0 U	1.0 U	7.1	1.0				180	
EWCOMP093009	9/30/2009	1.0 U	1.0 U	9.4	1.4				230	EW 1- EW 6 only
EW-1-EW-6	11/19/2009	0.96 U	0.96 U	10.0	1.9				450	EW 1- EW 6 only; analysis by 8270D SIM
EWCOMP122809	12/28/2009	1.0 U	1.0 U	15.0	1.8				490	EW 1- EW 6 only; analysis by 8270D SIM
EWCOMP12610	1/26/2010	0.99 U	0.99 U	16.0	1.8				470	EW 1- EW 6 only; analysis by 8270D SIM
EW1-7	2/11/2010	1.1 U	1.1 U	8.9	1.2				270	Analysis by 8270D SIM
EWCOMP32410	3/24/2010	1.0 U	1.0 U	13.0	1.6				340	Analysis by 8270D SIM
EWCOMP42910	4/30/2010	1.1 U	1.1 U	11.0	1.4				320	Analysis by 8270D
EW1-7	5/27/2010	0.96 U	0.96 U	5.2	1.0				110	Analysis by 8270D
EWCOMP63010	6/30/2010	1.1 U	1.1 U	11.0	1.8				320	EW1-EW3 & EW5-EW7, Analysis by 8270D SIM
EW1-7	8/19/2010	0.95 U	0.95 U	13.0	2.0				300	Analysis by 8270D
EW1-6	12/7/2010	0.97 U	0.97 U	9.5	1.5				540	Analysis by 8270D
Extraction Well Composite	2/12/2011	0.96 U	0.96 U	32.0	10.0				560	EW 1- EW 6 only; Analysis by 8270D
EW1-4 Composite	5/18/2011	0.099 U	0.06 J			12 U	0.5 U	0.74 U	320	EW 1- EW 4 only; Analysis by 8151M
EW1-4	8/25/2011	0.099 U	0.13 J			28			710	EW 1- EW 4 only; Analysis by 8151M

U - Undetected above the listed detection limit
J - Estimated value between PQL and MDL

TABLE 4.15
Pentachlorophenol and Breakdown Products from Individueal Extraction Well Samples (2010)
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

Sample ID	Sample date	2,4,5-Trichloro-phenol 8270D SIM ug/L	2,4,6-Trichloro-phenol 8270D SIM ug/L	2,3,4,6-Tetrachloro-phenol 8270D SIM ug/L	2,3,5,6-Tetrachloro-phenol 8270D SIM ug/L	Pentachloro-phenol 8270D SIM ug/L	Comment
EW-1	2/11/2010	1.0 U	1.0 U	7.5	2.4	200	
EW-2	2/11/2010	1.0 U	1.0 U	30	4.6	640	
EW-3	2/11/2010	1.0 U	1.0 U	40	4.2	1400	
EW-4	2/11/2010	1.0 U	1.0 U	5.7	1.0 U	450	
EW-5	2/11/2010	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	
EW-6	2/11/2010	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	
EW-7	2/11/2010	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	

U - Undetected above the listed detection limit

Table 4.16
Groundwater Sampling Analytical Results for Field Duplicates and Field Blanks - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

					Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene		Benzo(g,h,i)perylene		Benzo(k)fluoranthene	
Event	**StationID**	**SampleID**	**Sampdate**	**Type**	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
FIELD DUPLICATES																								
2006_SiteInvest	MW-15	MW-C	11/15/06	FD	170		0.0042	U	0.0031	U	0.0037	J	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2007_SiteInvest	MW-15	MW-C	2/2/07	FD	270		0.02	U	0.0031	U	0.0091	J	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2007_SiteInvest	MW-15	GW2Q07-1	4/19/07	FD	210		0.02	U	0.0031	U	0.0081	J	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2007_SiteInvest	MW-3	GW2007-3	7/17/07	FD	710		0.041	J	0.17		0.035		0.028		0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2007_SiteInvest	MW-17	GW2007-1	10/9/07	FD	0.08	U	0.0051	J	0.0046	J	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_01	MW-28	MW-28A	1/9/08	FD	0.79	J																		
2008_01LF	BXS-1	BXS-5	1/9/08	FD	66		0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0044	J	0.0025	U
2008_03	MW-3	MW-38	2/26/08	FD	2800																			
2008_SI	MW-3	MW-45	4/29/08	FD	1100		1		0.47		0.13		0.032		0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_SI	BXS-2	BXS-6	7/30/08	FD	0.08	U	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_SI	BXS-2	BXS-5	10/22/08	FD	0.08	U	0.01	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	BXS-1	BXS-5	2/10/09	FD	38	J	0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	BXS-1	BXS-5	5/6/09	FD	79		0.0023	U	0.0044	U	0.0034	U	0.01	J	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	MW-15	SI Dup	8/4/09	FD	100		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	MW-34	PMP Dup	8/4/09	FD	25																			
2009_SI	BXS-1	BXS-5	11/18/09	FD	110		0.019	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0033	J	0.0025	U
2009_SI	MW-18	MW Dup	11/18/09	FD	0.16	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_02SIPMP	MW-25	PMP Dup	2/9/10	FD	44																			
2010_02SIPMP	MW-3	SI Dup	2/9/10	FD	0.46	J	0.0081	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_05SIPMP	MW-3	Dup	5/25/10	FD	0.44		0.0023	U	0.0044	U	0.0034	U	0.0039	J	0.02	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_05SIPMP	BXS-1	BXS-6	5/26/10	FD	96		0.0023	U	0.0052	U	0.0034	U	0.0071	J	0.02	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_08SIPMP	MW-3	SI Dup	8/17/10	FD	1.3		0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_08SIPMP	MW-33	PMP Dup	8/17/10	FD	25																			
2010_11SIPMP	MW-2	SI Dup	11/17/10	FD	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_11SIPMP	MW-32	PMP DUP	11/17/10	FD	1000																			
2010_11SIPMP	BXS-1	BXS-5	11/18/10	FD	70		0.0056	J	0.0044	U	0.0034	U	0.0036	U	0.0044	J	0.0043	U	0.0032	J	0.0031	J	0.0025	U
2011_02SIPMP	BXS-1	BXS-5	2/9/11	FD	51	J	0.02	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2011_02SIPMP	MW-25	Field Duplicate	2/9/11	FD	50																			
2011_05SIPMP	BXS-1	BXS-5	5/17/11	FD	59		0.02	U	0.0044	U	0.0034	U	0.0064	J	0.02	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2011_05SIPMP	MW-29	MW-44	5/17/11	FD	0.092	J																		
2011_08SIPMP	MW-23	MW-44	8/23/11	FD	440																			
2011_08SIPMP	BXS-1	BXS-5	8/24/11	FD	88		0.0026	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U

Table 4.16
Groundwater Sampling Analytical Results for Field Duplicates and Field Blanks - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

					Pentachlorophenol		2-Methylnaphthalene		Acenaphthene		Acenaphthylene		Anthracene		Benz(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene		Benzo(g,h,i)perylene		Benzo(k)fluoranthene	
Event	**StationID**	**SampleID**	**Sampdate**	**Type**	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
FIELD/RINSE BLANKS																								
2006_SiteInvest	FIELD	MW-D	11/13/06	RB	0.13	U	0.02		0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2007_SiteInvest	FIELD	MW-D	2/2/07	RB	0.13	U	0.016	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2007_SiteInvest	FIELD	GW2Q07-2	4/19/07	RB	0.21	J	0.0084	J	0.0031	U	0.0023	U	0.0039	U	0.0039	U	0.0043	U	0.0046	U	0.0041	U	0.0051	U
2008_01	FIELD	EquipCheck	1/10/08	RB	0.08	U	0.0026	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_SI	FIELD	Equp. Check	4/30/08	RB	0.08	U	0.0064	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_SI	FIELD	EquipBlk_K0807005	7/29/08	RB	0.08	U	0.004	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2008_SI	FIELD	Equip Check	10/21/08	RB	0.14	J	0.014	J	0.0059	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	FIELD	Equipment Check	2/12/09	RB	0.16	U	0.0098	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	FIELD	Equip Check	5/7/09	RB	0.16	U	0.0094	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	FIELD	Equ. Check	8/5/09	RB	0.16	U	0.018	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2009_SI	FIELD	EquipBlk_K0911314	11/19/09	RB	0.16	U	0.024		0.0085	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_02SIPMP	FIELD	Equip Check	2/10/10	RB	0.16	U	0.0025	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_05SIPMP	FIELD	EquipBlk_K1005491	5/26/10	RB	0.07	U	0.015	J	0.0044	U	0.0034	U	0.0036	U	0.02	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_08SIPMP	FIELD	Equ Check	8/19/10	RB	0.07	U	0.0023	U	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2010_11SIPMP	FIELD	EquipBlk_K1013082	11/18/10	RB	0.07	U	0.012	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2011_02SIPMP	FIELD	EquipBlk_K1101150	2/10/11	RB	0.07	U	0.094		0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2011_05SIPMP	FIELD	EquipBlk_K1104475	5/18/11	RB	0.07	U	0.0081	J	0.0093	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U
2011_08SIPMP	FIELD	EQBlk_K1107964	8/24/11	RB	0.07	U	0.0051	J	0.0044	U	0.0034	U	0.0036	U	0.0026	U	0.0043	U	0.0023	U	0.0029	U	0.0025	U

Notes:

J -- Estimated value

U -- Undetected above the listed reporting limit

UJ -- Estimated reporting limit

FD -- Field duplicate

RB -- Rinse blank

Table 4.16
Groundwater Sampling Analytical Results for Field Duplicates and Field Blanks - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

					Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene		Phenanthrene		Pyrene	
Event	**StationID**	**SampleID**	**Sampdate**	**Type**	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
FIELD DUPLICATES																				
2006_SiteInvest	MW-15	MW-C	11/15/06	FD	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.073		0.0032	U	0.0047	U
2007_SiteInvest	MW-15	MW-C	2/2/07	FD	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.35		0.0032	U	0.0047	U
2007_SiteInvest	MW-15	GW2Q07-1	4/19/07	FD	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.35		0.0032	U	0.0047	U
2007_SiteInvest	MW-3	GW2007-3	7/17/07	FD	0.0034	U	0.0025	U	0.0044	U	0.055	J	0.0026	U	0.54	J	0.005	U	0.0035	U
2007_SiteInvest	MW-17	GW2007-1	10/9/07	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0045	J	0.005	U	0.0035	U
2008_01	MW-28	MW-28A	1/9/08	FD																
2008_01LF	BXS-1	BXS-5	1/9/08	FD	0.0034	U	0.0038	J	0.0044	U	0.0038	U	0.0052	J	0.0071	J	0.005	U	0.0035	U
2008_03	MW-3	MW-38	2/26/08	FD																
2008_SI	MW-3	MW-45	4/29/08	FD	0.0034	U	0.0025	U	0.0044	U	0.32		0.0026	U	3.2		0.024		0.0035	U
2008_SI	BXS-2	BXS-6	7/30/08	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U	0.005	U	0.0035	U
2008_SI	BXS-2	BXS-5	10/22/08	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U	0.005	U	0.0035	U
2009_SI	BXS-1	BXS-5	2/10/09	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U	0.005	U	0.0035	U
2009_SI	BXS-1	BXS-5	5/6/09	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U	0.005	U	0.0035	U
2009_SI	MW-15	SI Dup	8/4/09	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U	0.005	U	0.0035	U
2009_SI	MW-34	PMP Dup	8/4/09	FD																
2009_SI	BXS-1	BXS-5	11/18/09	FD	0.0034	U	0.0028	J	0.0044	U	0.0038	U	0.0026	U	0.042	U	0.005	U	0.0035	U
2009_SI	MW-18	MW Dup	11/18/09	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.069	U	0.005	U	0.0035	U
2010_02SIPMP	MW-25	PMP Dup	2/9/10	FD																
2010_02SIPMP	MW-3	SI Dup	2/9/10	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.072		0.005	U	0.0035	U
2010_05SIPMP	MW-3	Dup	5/25/10	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.055		0.005	U	0.0037	J
2010_05SIPMP	BXS-1	BXS-6	5/26/10	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.051	U	0.0057	J	0.0035	U
2010_08SIPMP	MW-3	SI Dup	8/17/10	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	J	0.005	U	0.0035	U
2010_08SIPMP	MW-33	PMP Dup	8/17/10	FD																
2010_11SIPMP	MW-2	SI Dup	11/17/10	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.034	U	0.005	U	0.0035	U
2010_11SIPMP	MW-32	PMP DUP	11/17/10	FD																
2010_11SIPMP	BXS-1	BXS-5	11/18/10	FD	0.0039	J	0.0025	J	0.0044	U	0.0038	U	0.003	J	0.02	U	0.005	U	0.0035	U
2011_02SIPMP	BXS-1	BXS-5	2/9/11	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U	0.0091	U	0.0035	U
2011_02SIPMP	MW-25	Field Duplicate	2/9/11	FD																
2011_05SIPMP	BXS-1	BXS-5	5/17/11	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.039	U	0.0066	J	0.0035	U
2011_05SIPMP	MW-29	MW-44	5/17/11	FD																
2011_08SIPMP	MW-23	MW-44	8/23/11	FD																
2011_08SIPMP	BXS-1	BXS-5	8/24/11	FD	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.0069	J	0.005	U	0.0035	U

Table 4.16
Groundwater Sampling Analytical Results for Field Duplicates and Field Blanks - 2006 through 3rd Quarter 2011
Former J.H. Baxter Co. Wood Treating Facility, Arlington, Washington

					Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene		Naphthalene		Phenanthrene		Pyrene	
Event	**StationID**	**SampleID**	**Sampdate**	**Type**	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
FIELD/RINSE BLANKS																				
2006_SiteInvest	FIELD	MW-D	11/13/06	RB	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.049		0.0032	U	0.0047	U
2007_SiteInvest	FIELD	MW-D	2/2/07	RB	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.043		0.0032	U	0.0047	U
2007_SiteInvest	FIELD	GW2Q07-2	4/19/07	RB	0.0053	U	0.0036	U	0.0047	U	0.0036	U	0.0033	U	0.023		0.0032	U	0.0047	U
2008_01	FIELD	EquipCheck	1/10/08	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.019	U	0.005	U	0.0035	U
2008_SI	FIELD	Equp. Check	4/30/08	RB	0.0034	U	0.0025	U	0.0044	U	0.0043	J	0.0026	U	0.023	U	0.0055	J	0.0035	U
2008_SI	FIELD	EquipBlk_K0807005	7/29/08	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.012	J	0.005	U	0.0035	U
2008_SI	FIELD	Equip Check	10/21/08	RB	0.0034	U	0.0025	U	0.0044	U	0.005	J	0.0026	U	0.028		0.022		0.0035	U
2009_SI	FIELD	Equipment Check	2/12/09	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.022		0.005	U	0.0035	U
2009_SI	FIELD	Equip Check	5/7/09	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.026		0.005	U	0.0035	U
2009_SI	FIELD	Equ. Check	8/5/09	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.06		0.005	U	0.0035	U
2009_SI	FIELD	EquipBlk_K0911314	11/19/09	RB	0.0034	U	0.0025	U	0.0044	U	0.0042	J	0.0026	U	0.046		0.0083	J	0.0035	U
2010_02SIPMP	FIELD	Equip Check	2/10/10	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.02	U	0.005	U	0.0035	U
2010_05SIPMP	FIELD	EquipBlk_K1005491	5/26/10	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.096		0.005	U	0.0035	U
2010_08SIPMP	FIELD	Equ Check	8/19/10	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.003	U	0.005	U	0.0035	U
2010_11SIPMP	FIELD	EquipBlk_K1013082	11/18/10	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.041	U	0.005	U	0.0035	U
2011_02SIPMP	FIELD	EquipBlk_K1101150	2/10/11	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.15		0.005	U	0.0035	U
2011_05SIPMP	FIELD	EquipBlk_K1104475	5/18/11	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.067		0.005	U	0.0035	U
2011_08SIPMP	FIELD	EQBlk_K1107964	8/24/11	RB	0.0034	U	0.0025	U	0.0044	U	0.0038	U	0.0026	U	0.024		0.005	U	0.0035	U

Notes:

J -- Estimated value

U -- Undetected above the listed reporting limit

UJ -- Estimated reporting limit

FD -- Field duplicate

RB -- Rinse blank

TABLE 4.17
Bacteriological Analysis Results for Heterotrophic Plate Count (2010)
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

Sample ID	Sample date	Heterotrophic Plate Count SM 9215B CFU/mL	Comment
EW 1-7	5/25/2010	1	Analyzed by Spectra Laboratories, Tacoma, WA
MW-3	5/25/2010	ND	Analyzed by Spectra Laboratories, Tacoma, WA
MW-3	11/16/2010	1 U	Analyzed by Edge Analytical Laboratories, Burlington, WA
EW 1-6	12/7/2010	95	Analyzed by Edge Analytical Laboratories, Burlington, WA

CFU/mL - Colony forming units per milliliter
ND - Not detected
U - Undetected above the listed detection limit

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses

Station		40	41	42	43	B-1	B-1	B-1	B-1	B-1
Sample ID		40-3/25/92	41-3/25/92	42-3/25/92	43-3/25/92	B-1-4-5	B-1-14-15	B-1-17-18	B-1-24-25	B-1-39-40
Date		3/25/1992	3/25/1992	3/25/1992	3/25/1992	8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990
Depth in feet						4 - 5	14 - 15	17 - 18	24 - 25	39 - 40
								Dup of B-1-14-15		
Conventionals	Units									
pH	PH									
Total Organic Carbon	%									
Total Solids	%									
Phenols	Units									
Phenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
2-Chlorophenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
2,4-Dichlorophenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
2,4,5-Trichlorophenol	ug/Kg					850 U	850 U	850 U	850 U	850 U
2,4,6-Trichlorophenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
Total Tetrachlorophenols	ug/Kg									
Pentachlorophenol	ug/Kg	6400 J	6000 J	1900000 J	31000	3900	850 U	850 U	290	2400
2-Nitrophenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
4-Nitrophenol	ug/Kg					850 U	850 U	850 U	850 U	850 U
2,4-Dinitrophenol	ug/Kg					850 U	850 U	850 U	850 U	850 U
2-Methylphenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
4-Methylphenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
2,4-Dimethylphenol	ug/Kg					170 U	170 U	170 U	170 U	170 U
TPH	Units									
Diesel	ug/Kg									
Diesel Range Organics	ug/Kg									
Heavy Fuel Oil	ug/Kg									
Jet Fuel as Jet A	ug/Kg									
Kerosene	ug/Kg									
Lube Oil	ug/Kg									
Mineral Spirits	ug/Kg									
Non-PHC as Diesel	ug/Kg									
Oil Range Organics	ug/Kg									
PHC as Diesel	ug/Kg									

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		40	41	42	43	B-1	B-1	B-1	B-1	B-1
Sample ID		40-3/25/92	41-3/25/92	42-3/25/92	43-3/25/92	B-1-4-5	B-1-14-15	B-1-17-18	B-1-24-25	B-1-39-40
Date		3/25/1992	3/25/1992	3/25/1992	3/25/1992	8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990
Depth in feet						4 - 5	14 - 15	17 - 18	24 - 25	39 - 40
								Dup of B-1-14-15		
PAHs	Units									
2-Methylnaphthalene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Acenaphthene	ug/Kg	46 J	390 U	900 U	450 U	170 U	170 U	170 U	170 U	170 U
Acenaphthylene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Anthracene	ug/Kg	870	375	900 U	450 J	170 U	170 U	170 U	170 U	170 U
Benzo(a)anthracene	ug/Kg	2600	390 U	2600 J	450 U	170 U	170 U	170 U	170 U	170 U
Benzo(a)pyrene	ug/Kg	2300 J	390 U	570 J	450 UJ	170 U	170 U	170 U	170 U	170 U
Benzo(b)fluoranthene	ug/Kg	8200 J	180 J	1200 J	310 J	170 U	170 U	170 U	170 U	170 U
Benzo(g,h,i)perylene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Benzo(k)fluoranthene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Carbazole	ug/Kg	2400 J	2000 UJ	4600 UJ	2300 UJ					
Chrysene	ug/Kg	2600	170 J	2400 J	390 J	170 U	170 U	170 U	170 U	170 U
Dibenz(a,h)anthracene	ug/Kg	1200 J	390 U	160 J	1100 UJ	170 U	170 U	170 U	170 U	170 U
Dibenzofuran	ug/Kg					170 U	170 U	170 U	170 U	170 U
Fluoranthene	ug/Kg	9200	160 J	5700 J	310 J	170 U	170 U	170 U	170 U	170 U
Fluorene	ug/Kg	110 J	390 U	900 U	450 U	170 U	170 U	170 U	170 U	170 U
Indeno(1,2,3-cd)pyrene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Naphthalene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Phenanthrene	ug/Kg					170 U	170 U	170 U	170 U	170 U
Pyrene	ug/Kg	7600 J	260 J	13000 J	770 J	240	170 U	170 U	170 U	170 U
Total PAHs (calculated)	ug/Kg	34726	1145	25630	2230	240	170 U	170 U	170 U	170 U

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		B-1	BT-S	BT-S	BT-W	BT-W	HCMW-5	HCMW-5	HCMW-5
Sample ID		B-1-COMP	BT-S S-3	BT-S S-8	BT-W S-3	BT-W S-7	HCMW-5 S-1	HCMW-5 S-7	HCMW-5 S-10
Date		8/24/1990	10/7/1999	10/8/1999	10/7/1999	10/8/1999	10/5/1999	10/5/1999	10/5/1999
Depth in feet		4 - 10	12.5	32.5	12	30	2.5	22.5	30
		Comp 4-5 & 9-10							
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								0.09
Total Solids	%		94.9	78.9	91	78.9	92.8	93.7	75.5
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg		50 U	500 U	5000 U	50000 U	5 U	5 U	5 U
Total Tetrachlorophenols	ug/Kg		30 J	1400	4000 J	40000 J	5 U	5 U	5 U
Pentachlorophenol	ug/Kg	3900	1200	40000	110000	1400000	33	11	2 J
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg		20000 J	25000 U	25000 U	25000 U	25000 U		25000 U
Diesel Range Organics	ug/Kg								
Heavy Fuel Oil	ug/Kg		100000 U	100000 U	100000 U	100000 U	100000 U		100000 U
Jet Fuel as Jet A	ug/Kg		25000 U	25000 U	25000 U	25000 U	25000 U		25000 U
Kerosene	ug/Kg		25000 U	25000 U	25000 U	25000 U	25000 U		25000 U
Lube Oil	ug/Kg		100000 U	100000 U	100000 U	100000 U	100000 U		100000 U
Mineral Spirits	ug/Kg		25000 U	25000 U	25000 U	25000 U	25000 U		25000 U
Non-PHC as Diesel	ug/Kg		100000 U	100000 U	100000 U	100000 U	100000 U		100000 U
Oil Range Organics	ug/Kg								
PHC as Diesel	ug/Kg		100000 U	2900000	4900000	56000000	100000 U		100000 U

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		B-1	BT-S	BT-S	BT-W	BT-W	HCMW-5	HCMW-5	HCMW-5
Sample ID		B-1-COMP	BT-S S-3	BT-S S-8	BT-W S-3	BT-W S-7	HCMW-5 S-1	HCMW-5 S-7	HCMW-5 S-10
Date		8/24/1990	10/7/1999	10/8/1999	10/7/1999	10/8/1999	10/5/1999	10/5/1999	10/5/1999
Depth in feet		4 - 10	12.5	32.5	12	30	2.5	22.5	30
		Comp 4-5 & 9-10							
PAHs	Units								
2-Methylnaphthalene	ug/Kg								
Acenaphthene	ug/Kg	170 U							
Acenaphthylene	ug/Kg	170 U							
Anthracene	ug/Kg	170 U							
Benzo(a)anthracene	ug/Kg	170 U							
Benzo(a)pyrene	ug/Kg	170 U							
Benzo(b)fluoranthene	ug/Kg	170 U							
Benzo(g,h,i)perylene	ug/Kg	170 U							
Benzo(k)fluoranthene	ug/Kg	170 U							
Carbazole	ug/Kg								
Chrysene	ug/Kg	170 U							
Dibenz(a,h)anthracene	ug/Kg	170 U							
Dibenzofuran	ug/Kg								
Fluoranthene	ug/Kg	170 U							
Fluorene	ug/Kg	170 U							
Indeno(1,2,3-cd)pyrene	ug/Kg	170 U							
Naphthalene	ug/Kg	170 U							
Phenanthrene	ug/Kg	170 U							
Pyrene	ug/Kg	240							
Total PAHs (calculated)	ug/Kg	240							

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	L-1	L-1	L-1
Sample ID		HCMW-6 S-1	HCMW-6 S-5	HCMW-6 S-9	HCMW-6 S-10	HCMW-7 S-9	L-1,S-1	L-1,S-2	L-1,S-3
Date		10/4/1999	10/4/1999	10/4/1999	10/4/1999	10/7/1999	12/7/2000	12/7/2000	12/7/2000
Depth in feet		2.5	22.5	35	37.5	42.5	6 - 7.5	12 - 13.5	18 - 19.5
Conventionals	Units								
pH	PH								
Total Organic Carbon	%		0.07		0.07				
Total Solids	%	96.9	95.2	95.7	88.5	82	89.4	96.2	91.7
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg	50 U	5 U	5 U	5 U	5 U			
Total Tetrachlorophenols	ug/Kg	50 U	5 U	5 U	5 U	5 U			
Pentachlorophenol	ug/Kg	390	5 U	5 U	2 J	1 J	340	180	200
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg								
Diesel Range Organics	ug/Kg								
Heavy Fuel Oil	ug/Kg								
Jet Fuel as Jet A	ug/Kg								
Kerosene	ug/Kg								
Lube Oil	ug/Kg								
Mineral Spirits	ug/Kg								
Non-PHC as Diesel	ug/Kg								
Oil Range Organics	ug/Kg								
PHC as Diesel	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	L-1	L-1	L-1
Sample ID		HCMW-6 S-1	HCMW-6 S-5	HCMW-6 S-9	HCMW-6 S-10	HCMW-7 S-9	L-1,S-1	L-1,S-2	L-1,S-3
Date		10/4/1999	10/4/1999	10/4/1999	10/4/1999	10/7/1999	12/7/2000	12/7/2000	12/7/2000
Depth in feet		2.5	22.5	35	37.5	42.5	6 - 7.5	12 - 13.5	18 - 19.5
PAHs	Units								
2-Methylnaphthalene	ug/Kg								
Acenaphthene	ug/Kg								
Acenaphthylene	ug/Kg								
Anthracene	ug/Kg								
Benzo(a)anthracene	ug/Kg								
Benzo(a)pyrene	ug/Kg								
Benzo(b)fluoranthene	ug/Kg								
Benzo(g,h,i)perylene	ug/Kg								
Benzo(k)fluoranthene	ug/Kg								
Carbazole	ug/Kg								
Chrysene	ug/Kg								
Dibenz(a,h)anthracene	ug/Kg								
Dibenzofuran	ug/Kg								
Fluoranthene	ug/Kg								
Fluorene	ug/Kg								
Indeno(1,2,3-cd)pyrene	ug/Kg								
Naphthalene	ug/Kg								
Phenanthrene	ug/Kg								
Pyrene	ug/Kg								
Total PAHs (calculated)	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		L-2(A)	L-2(A)	L-2	L-2	L-2	L-3	L-3	L-3
Sample ID		L-2(A),S-2	L-2(A),S-3	L-2,S-1	L-2,S-2	L-2,S-3	L-3,S-1	L-3,S-2	L-3,S-3
Date		12/6/2000	12/6/2000	12/6/2000	12/6/2000	12/6/2000	12/7/2000	12/7/2000	12/7/2000
Depth in feet		15 - 16.5	23 - 24.5	6 - 7.5	12 - 13.5	18 - 19.5	5 - 6.5	12 - 13.5	16 - 17.5
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								
Total Solids	%	95.5	82.7	91.7	93.1	94.3	92.3	93.2	94.2
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg								
Total Tetrachlorophenols	ug/Kg								
Pentachlorophenol	ug/Kg	11	9	99	32	44	3200	440	140
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg								
Diesel Range Organics	ug/Kg								
Heavy Fuel Oil	ug/Kg								
Jet Fuel as Jet A	ug/Kg								
Kerosene	ug/Kg								
Lube Oil	ug/Kg								
Mineral Spirits	ug/Kg								
Non-PHC as Diesel	ug/Kg								
Oil Range Organics	ug/Kg								
PHC as Diesel	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		L-2(A)	L-2(A)	L-2	L-2	L-2	L-3	L-3	L-3
Sample ID		L-2(A),S-2	L-2(A),S-3	L-2,S-1	L-2,S-2	L-2,S-3	L-3,S-1	L-3,S-2	L-3,S-3
Date		12/6/2000	12/6/2000	12/6/2000	12/6/2000	12/6/2000	12/7/2000	12/7/2000	12/7/2000
Depth in feet		15 - 16.5	23 - 24.5	6 - 7.5	12 - 13.5	18 - 19.5	5 - 6.5	12 - 13.5	16 - 17.5
PAHs	Units								
2-Methylnaphthalene	ug/Kg								
Acenaphthene	ug/Kg								
Acenaphthylene	ug/Kg								
Anthracene	ug/Kg								
Benzo(a)anthracene	ug/Kg								
Benzo(a)pyrene	ug/Kg								
Benzo(b)fluoranthene	ug/Kg								
Benzo(g,h,i)perylene	ug/Kg								
Benzo(k)fluoranthene	ug/Kg								
Carbazole	ug/Kg								
Chrysene	ug/Kg								
Dibenz(a,h)anthracene	ug/Kg								
Dibenzofuran	ug/Kg								
Fluoranthene	ug/Kg								
Fluorene	ug/Kg								
Indeno(1,2,3-cd)pyrene	ug/Kg								
Naphthalene	ug/Kg								
Phenanthrene	ug/Kg								
Pyrene	ug/Kg								
Total PAHs (calculated)	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		MW-1	MW-1	MW-1	SB-02	SB-02	SB-02	SB-03	SB-03	SB-04
Sample ID		MW-1-3-4	MW-1-8-9	MW-1-23-24	SB-02 S-1	SB-02 S-5/7	SB-02 S-9	SB-03 S-8	SB-03 S-11	SB-04 S-2
Date		8/24/1990	8/24/1990	8/24/1990	10/6/1999	10/6/1999	10/6/1999	10/5/1999	10/5/1999	10/7/1999
Depth in feet		3 - 4	8 - 9	23 - 24	2.5	17.5 - 22.5	27.5	25	32.5	7.5
Conventionals	Units									
pH	PH									
Total Organic Carbon	%					0.12			0.09	
Total Solids	%				95.9	91.3	81.4	93.4	81	95
Phenols	Units									
Phenol	ug/Kg	170 U	170 U	170 U						
2-Chlorophenol	ug/Kg	170 U	170 U	170 U						
2,4-Dichlorophenol	ug/Kg	170 U	170 U	170 U						
2,4,5-Trichlorophenol	ug/Kg	850 U	850 U	850 U						
2,4,6-Trichlorophenol	ug/Kg	170 U	170 U	170 U	50 U	5 U	50 U	5 U	5 U	5 U
Total Tetrachlorophenols	ug/Kg				50 U	5 U	50 U	5 U	5 U	5 U
Pentachlorophenol	ug/Kg	8200	850 U	850 U	160	1 J	690	7	20	18
2-Nitrophenol	ug/Kg	170 U	170 U	170 U						
4-Nitrophenol	ug/Kg	850 U	850 U	850 U						
2,4-Dinitrophenol	ug/Kg	850 U	850 U	850 U						
2-Methylphenol	ug/Kg	170 U	170 U	170 U						
4-Methylphenol	ug/Kg	170 U	170 U	170 U						
2,4-Dimethylphenol	ug/Kg	170 U	170 U	170 U						
TPH	Units									
Diesel	ug/Kg						25000 U			
Diesel Range Organics	ug/Kg									
Heavy Fuel Oil	ug/Kg						100000 U			
Jet Fuel as Jet A	ug/Kg						25000 U			
Kerosene	ug/Kg						25000 U			
Lube Oil	ug/Kg						100000 U			
Mineral Spirits	ug/Kg						25000 U			
Non-PHC as Diesel	ug/Kg						100000 U			
Oil Range Organics	ug/Kg									
PHC as Diesel	ug/Kg						100000 U			

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		MW-1	MW-1	MW-1	SB-02	SB-02	SB-02	SB-03	SB-03	SB-04
Sample ID		MW-1-3-4	MW-1-8-9	MW-1-23-24	SB-02 S-1	SB-02 S-5/7	SB-02 S-9	SB-03 S-8	SB-03 S-11	SB-04 S-2
Date		8/24/1990	8/24/1990	8/24/1990	10/6/1999	10/6/1999	10/6/1999	10/5/1999	10/5/1999	10/7/1999
Depth in feet		3 - 4	8 - 9	23 - 24	2.5	17.5 - 22.5	27.5	25	32.5	7.5
PAHs	Units									
2-Methylnaphthalene	ug/Kg	170 U	170 U	170 U						
Acenaphthene	ug/Kg	170 U	170 U	170 U						
Acenaphthylene	ug/Kg	170 U	170 U	170 U						
Anthracene	ug/Kg	170 U	170 U	170 U						
Benzo(a)anthracene	ug/Kg	170 U	170 U	170 U						
Benzo(a)pyrene	ug/Kg	170 U	170 U	170 U						
Benzo(b)fluoranthene	ug/Kg	170 U	170 U	170 U						
Benzo(g,h,i)perylene	ug/Kg	170 U	170 U	170 U						
Benzo(k)fluoranthene	ug/Kg	170 U	170 U	170 U						
Carbazole	ug/Kg									
Chrysene	ug/Kg	170 U	170 U	170 U						
Dibenz(a,h)anthracene	ug/Kg	170 U	170 U	170 U						
Dibenzofuran	ug/Kg	170 U	170 U	170 U						
Fluoranthene	ug/Kg	170 U	170 U	170 U						
Fluorene	ug/Kg	170 U	170 U	170 U						
Indeno(1,2,3-cd)pyrene	ug/Kg	170 U	170 U	170 U						
Naphthalene	ug/Kg	170 U	170 U	170 U						
Phenanthrene	ug/Kg	170 U	170 U	170 U						
Pyrene	ug/Kg	170 U	170 U	170 U						
Total PAHs (calculated)	ug/Kg	170 U	170 U	170 U						

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-04	SB-04	SB-05	SB-05	SB-05	SB-06	SB-06	SB-06	SB-07
Sample ID		SB-04 S-3	SB-04 S-10	SB-05 S-1	SB-05 S-4	SB-05 S-13	SB-06 S-1	SB-06 S-6	SB-06 S-10	SB-07 S-1
Date		10/7/1999	10/7/1999	10/4/1999	10/4/1999	10/4/1999	10/5/1999	10/5/1999	10/5/1999	10/6/1999
Depth in feet		12.5	37.5	2.5	10	32.5	2.5	15	32.5	2.5
Conventionals	Units									
pH	PH									
Total Organic Carbon	%	0.09				0.09				
Total Solids	%	95	83.8	83.7	72.9	77	90.2	92.5	75.6	86.6
Phenols	Units									
Phenol	ug/Kg									
2-Chlorophenol	ug/Kg									
2,4-Dichlorophenol	ug/Kg									
2,4,5-Trichlorophenol	ug/Kg									
2,4,6-Trichlorophenol	ug/Kg	5 U	5 U	5000 U	5 U	5 U	500 U	5000 U	500 U	500 U
Total Tetrachlorophenols	ug/Kg	5 U	5 U	10000	5 U	5 U	500 U	35000	500 U	300 J
Pentachlorophenol	ug/Kg	25	23	110000	16	5	5700	560000	780	7000
2-Nitrophenol	ug/Kg									
4-Nitrophenol	ug/Kg									
2,4-Dinitrophenol	ug/Kg									
2-Methylphenol	ug/Kg									
4-Methylphenol	ug/Kg									
2,4-Dimethylphenol	ug/Kg									
TPH	Units									
Diesel	ug/Kg		25000 U					17000000	170000	
Diesel Range Organics	ug/Kg									
Heavy Fuel Oil	ug/Kg		100000 U					100000 U	100000 U	
Jet Fuel as Jet A	ug/Kg		25000 U					25000 U	25000 U	
Kerosene	ug/Kg		25000 U					25000 U	25000 U	
Lube Oil	ug/Kg		100000 U					100000 U	100000 U	
Mineral Spirits	ug/Kg		25000 U					25000 U	25000 U	
Non-PHC as Diesel	ug/Kg		100000 U					100000 U	100000 U	
Oil Range Organics	ug/Kg									
PHC as Diesel	ug/Kg		100000 U					100000 U	100000 U	

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-04	SB-04	SB-05	SB-05	SB-05	SB-06	SB-06	SB-06	SB-07
Sample ID		SB-04 S-3	SB-04 S-10	SB-05 S-1	SB-05 S-4	SB-05 S-13	SB-06 S-1	SB-06 S-6	SB-06 S-10	SB-07 S-1
Date		10/7/1999	10/7/1999	10/4/1999	10/4/1999	10/4/1999	10/5/1999	10/5/1999	10/5/1999	10/6/1999
Depth in feet		12.5	37.5	2.5	10	32.5	2.5	15	32.5	2.5
PAHs	Units									
2-Methylnaphthalene	ug/Kg									
Acenaphthene	ug/Kg							58000	84	
Acenaphthylene	ug/Kg							1200	3 J	
Anthracene	ug/Kg							31000	87	
Benzo(a)anthracene	ug/Kg							8900	41	
Benzo(a)pyrene	ug/Kg							3700	17	
Benzo(b)fluoranthene	ug/Kg							2900	14	
Benzo(g,h,i)perylene	ug/Kg							1100	6	
Benzo(k)fluoranthene	ug/Kg							4100	17	
Carbazole	ug/Kg									
Chrysene	ug/Kg							9100	43	
Dibenz(a,h)anthracene	ug/Kg							600	5 U	
Dibenzofuran	ug/Kg									
Fluoranthene	ug/Kg							51000	220	
Fluorene	ug/Kg							68000	140	
Indeno(1,2,3-cd)pyrene	ug/Kg							1600	9	
Naphthalene	ug/Kg							68000	9	
Phenanthrene	ug/Kg							150000	380	
Pyrene	ug/Kg							39000	150	
Total PAHs (calculated)	ug/Kg									

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-07	SB-08	SB-08	SB-08	SB-09	SB-10	SB-10	SB-10
Sample ID		SB-07 S-4	SB-08 S-1	SB-08 S-8	SB-08 S-9	SB-09 S-7	SB-10 S-2	SB-10 S-4	SB-10 S-5
Date		10/6/1999	10/6/1999	10/6/1999	10/6/1999	12/8/2000	12/8/2000	12/8/2000	12/8/2000
Depth in feet		17.5	2.5	25	27.5	24 - 28	4 - 8	12 - 16	24.8 - 27
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								
Total Solids	%	94.6	90.1	94	84.5	76	96.6	96.1	95.1
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg	50 U	500 U	5 U	50 U				
Total Tetrachlorophenols	ug/Kg	50 U	500 U	5 U	50 U				
Pentachlorophenol	ug/Kg	420	19000	2 J	190	5.1 J	130000	140000	350
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg				25000 U				
Diesel Range Organics	ug/Kg					32000 U	2900000	4900000	8900000
Heavy Fuel Oil	ug/Kg				100000 U				
Jet Fuel as Jet A	ug/Kg				25000 U				
Kerosene	ug/Kg				25000 U				
Lube Oil	ug/Kg				100000 U				
Mineral Spirits	ug/Kg				25000 U				
Non-PHC as Diesel	ug/Kg				100000 U				
Oil Range Organics	ug/Kg					130000 U	280000	350000	570000
PHC as Diesel	ug/Kg				100000 U				

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-07	SB-08	SB-08	SB-08	SB-09	SB-10	SB-10	SB-10
Sample ID		SB-07 S-4	SB-08 S-1	SB-08 S-8	SB-08 S-9	SB-09 S-7	SB-10 S-2	SB-10 S-4	SB-10 S-5
Date		10/6/1999	10/6/1999	10/6/1999	10/6/1999	12/8/2000	12/8/2000	12/8/2000	12/8/2000
Depth in feet		17.5	2.5	25	27.5	24 - 28	4 - 8	12 - 16	24.8 - 27
PAHs	Units								
2-Methylnaphthalene	ug/Kg								
Acenaphthene	ug/Kg								
Acenaphthylene	ug/Kg								
Anthracene	ug/Kg								
Benzo(a)anthracene	ug/Kg								
Benzo(a)pyrene	ug/Kg								
Benzo(b)fluoranthene	ug/Kg								
Benzo(g,h,i)perylene	ug/Kg								
Benzo(k)fluoranthene	ug/Kg								
Carbazole	ug/Kg								
Chrysene	ug/Kg								
Dibenz(a,h)anthracene	ug/Kg								
Dibenzofuran	ug/Kg								
Fluoranthene	ug/Kg								
Fluorene	ug/Kg								
Indeno(1,2,3-cd)pyrene	ug/Kg								
Naphthalene	ug/Kg								
Phenanthrene	ug/Kg								
Pyrene	ug/Kg								
Total PAHs (calculated)	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-12	SB-12	SB-12	SB-13	SB-14	SB-15	SB-17	SB-18
Sample ID		SB-12 S-4	SB-12 S-6	SB-12 S-8	SB-13 S-4	SB-14 S-5	SB-15 S-3	SB-17 S-5	SB-18 S-6
Date		12/8/2000	12/8/2000	12/8/2000	12/8/2000	12/11/2000	12/11/2000	12/11/2000	12/11/2000
Depth in feet		12 - 16	20 - 24	28 - 32	12 - 16	16 - 20	8 - 12	16 - 20	20 - 24
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								
Total Solids	%	89	96.2	76	95.2	96.2	86	95.8	92.1
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg								
Total Tetrachlorophenols	ug/Kg								
Pentachlorophenol	ug/Kg	310000	390	5 U	13 J	28000	32000	5 U	1100
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg								
Diesel Range Organics	ug/Kg	8400000	5300000	31000 U	25000 U	3900000	1800000	25000 U	49000
Heavy Fuel Oil	ug/Kg								
Jet Fuel as Jet A	ug/Kg								
Kerosene	ug/Kg								
Lube Oil	ug/Kg								
Mineral Spirits	ug/Kg								
Non-PHC as Diesel	ug/Kg								
Oil Range Organics	ug/Kg	640000	600000	120000 U	99000 U	410000	290000	98000 U	110000 U
PHC as Diesel	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-12	SB-12	SB-12	SB-13	SB-14	SB-15	SB-17	SB-18
Sample ID		SB-12 S-4	SB-12 S-6	SB-12 S-8	SB-13 S-4	SB-14 S-5	SB-15 S-3	SB-17 S-5	SB-18 S-6
Date		12/8/2000	12/8/2000	12/8/2000	12/8/2000	12/11/2000	12/11/2000	12/11/2000	12/11/2000
Depth in feet		12 - 16	20 - 24	28 - 32	12 - 16	16 - 20	8 - 12	16 - 20	20 - 24
PAHs	Units								
2-Methylnaphthalene	ug/Kg						21000		46
Acenaphthene	ug/Kg						8100		33
Acenaphthylene	ug/Kg						160		2.8
Anthracene	ug/Kg						3300		81
Benzo(a)anthracene	ug/Kg						1200		13
Benzo(a)pyrene	ug/Kg						740		6.2
Benzo(b)fluoranthene	ug/Kg						740		6.6
Benzo(g,h,i)perylene	ug/Kg						440		2.7
Benzo(k)fluoranthene	ug/Kg						650		6.9
Carbazole	ug/Kg								
Chrysene	ug/Kg						1200		13
Dibenz(a,h)anthracene	ug/Kg						360		2.7 U
Dibenzofuran	ug/Kg						5400		77
Fluoranthene	ug/Kg						5300		130
Fluorene	ug/Kg						7500		140
Indeno(1,2,3-cd)pyrene	ug/Kg						530		3.3
Naphthalene	ug/Kg						18000		22
Phenanthrene	ug/Kg						14000		360
Pyrene	ug/Kg						4400		120
Total PAHs (calculated)	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-18	SB-19	SB-21	SB-22	SB-23	SB-24	SB-25	SB-25
Sample ID		SB-18 S-8	SB-19 S-3	SB-21 S-8	SB-22 S-8	SB-23 S-7	SB-24 S-5	SB-25 S-4	SB-25 S-6
Date		12/11/2000	12/11/2000	12/11/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000
Depth in feet		28 - 32	8 - 12	28 - 32	28 - 32	24 - 28	16 - 20	12 - 16	20 - 24
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								
Total Solids	%	78.1	97.2	78.5	81	91.7	95.8	96.4	94.9
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg								
Total Tetrachlorophenols	ug/Kg								
Pentachlorophenol	ug/Kg	11 J	6.3 J	1100000	5 U	510	1600	5 U	280000
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg								
Diesel Range Organics	ug/Kg	6000 J	24000 U	15000000	29000 U	5500000	2500000	25000 U	5400000
Heavy Fuel Oil	ug/Kg								
Jet Fuel as Jet A	ug/Kg								
Kerosene	ug/Kg								
Lube Oil	ug/Kg								
Mineral Spirits	ug/Kg								
Non-PHC as Diesel	ug/Kg								
Oil Range Organics	ug/Kg	130000 U	97000 U	710000	110000 U	250000	300000	100000 U	240000
PHC as Diesel	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-18	SB-19	SB-21	SB-22	SB-23	SB-24	SB-25	SB-25
Sample ID		SB-18 S-8	SB-19 S-3	SB-21 S-8	SB-22 S-8	SB-23 S-7	SB-24 S-5	SB-25 S-4	SB-25 S-6
Date		12/11/2000	12/11/2000	12/11/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000
Depth in feet		28 - 32	8 - 12	28 - 32	28 - 32	24 - 28	16 - 20	12 - 16	20 - 24
PAHs	Units								
2-Methylnaphthalene	ug/Kg			55000					
Acenaphthene	ug/Kg			20000					
Acenaphthylene	ug/Kg			1300					
Anthracene	ug/Kg			19000					
Benzo(a)anthracene	ug/Kg			4900					
Benzo(a)pyrene	ug/Kg			1900					
Benzo(b)fluoranthene	ug/Kg			1700					
Benzo(g,h,i)perylene	ug/Kg			670					
Benzo(k)fluoranthene	ug/Kg			1900					
Carbazole	ug/Kg								
Chrysene	ug/Kg			6300					
Dibenz(a,h)anthracene	ug/Kg			390					
Dibenzofuran	ug/Kg			12000					
Fluoranthene	ug/Kg			26000					
Fluorene	ug/Kg			28000					
Indeno(1,2,3-cd)pyrene	ug/Kg			910					
Naphthalene	ug/Kg			51000					
Phenanthrene	ug/Kg			73000					
Pyrene	ug/Kg			22000					

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-25	SB-26	SB-27	SB-27	SB-28	SB-28	SB-29	SB-29
Sample ID		SB-25 S-8	SB-26 S-7	SB-27 S-5	SB-27 S-8	SB-28 S-4	SB-28 S-7	SB-29 S-5	SB-29 S-7
Date		12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	1/15/2001	1/15/2001
Depth in feet		28 - 32	24 - 28	16 - 20	28 - 32	12 - 16	24 - 28	16 - 20	24 - 28
Conventionals	Units								
pH	PH								
Total Organic Carbon	%								
Total Solids	%	80.3	81.9	96.3	80.5	95.3	84.4	96.1	91
Phenols	Units								
Phenol	ug/Kg								
2-Chlorophenol	ug/Kg								
2,4-Dichlorophenol	ug/Kg								
2,4,5-Trichlorophenol	ug/Kg								
2,4,6-Trichlorophenol	ug/Kg								
Total Tetrachlorophenols	ug/Kg							15 U	15 U
Pentachlorophenol	ug/Kg	1400000	18000	25 J	1300000	330	34000	14	12
2-Nitrophenol	ug/Kg								
4-Nitrophenol	ug/Kg								
2,4-Dinitrophenol	ug/Kg								
2-Methylphenol	ug/Kg								
4-Methylphenol	ug/Kg								
2,4-Dimethylphenol	ug/Kg								
TPH	Units								
Diesel	ug/Kg								
Diesel Range Organics	ug/Kg	33000000	6000000	24000 U	19000000	170000	4300000	24000 U	27000 U
Heavy Fuel Oil	ug/Kg								
Jet Fuel as Jet A	ug/Kg								
Kerosene	ug/Kg								
Lube Oil	ug/Kg								
Mineral Spirits	ug/Kg								
Non-PHC as Diesel	ug/Kg								
Oil Range Organics	ug/Kg	1600000	370000	98000 U	850000	40000 J	200000	97000 U	110000 U
PHC as Diesel	ug/Kg								

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-25	SB-26	SB-27	SB-27	SB-28	SB-28	SB-29	SB-29
Sample ID		SB-25 S-8	SB-26 S-7	SB-27 S-5	SB-27 S-8	SB-28 S-4	SB-28 S-7	SB-29 S-5	SB-29 S-7
Date		12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	12/12/2000	1/15/2001	1/15/2001
Depth in feet		28 - 32	24 - 28	16 - 20	28 - 32	12 - 16	24 - 28	16 - 20	24 - 28
PAHs	Units								
2-Methylnaphthalene	ug/Kg	110000						6.6 U	
Acenaphthene	ug/Kg	31000						6.6 U	
Acenaphthylene	ug/Kg	2400						6.6 U	
Anthracene	ug/Kg	25000						6.6 U	
Benzo(a)anthracene	ug/Kg	7900						6.6 U	
Benzo(a)pyrene	ug/Kg	3900						6.6 U	
Benzo(b)fluoranthene	ug/Kg	3100						6.6 U	
Benzo(g,h,i)perylene	ug/Kg	1300						6.6 U	
Benzo(k)fluoranthene	ug/Kg	3700						6.6 U	
Carbazole	ug/Kg							7 U	
Chrysene	ug/Kg	9300						6.6 U	
Dibenz(a,h)anthracene	ug/Kg	580						6.6 U	
Dibenzofuran	ug/Kg	21000						6.6 U	
Fluoranthene	ug/Kg	42000						6.6 U	
Fluorene	ug/Kg	42000						6.6 U	
Indeno(1,2,3-cd)pyrene	ug/Kg	1800						6.6 U	
Naphthalene	ug/Kg	53000						6.6 U	
Phenanthrene	ug/Kg	110000						6.6 U	
Pyrene	ug/Kg	32000						6.6 U	

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-29	SB-29	SB-29	SB-30	SB-30	SB-31	SB-32	SB-32	SB-33
Sample ID		SB-29 S-9	SB-29 S-11	SB-29 S-13	SB-30 S-6	SB-30 S-9	SB-31 S-7	SB-32 S-4	SB-32 S-7	SB-33 S-7
Date		1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001
Depth in feet		32 - 36	40 - 44	48 - 52	20 - 24	33 - 35.5	24 - 28	12 - 16	24 - 28	28 - 32
Conventionals	Units									
pH	PH									
Total Organic Carbon	%									
Total Solids	%	75.9	77	73.2	94.7	74.1	90.9	96	87.5	76.3
Phenols	Units									
Phenol	ug/Kg									
2-Chlorophenol	ug/Kg									
2,4-Dichlorophenol	ug/Kg									
2,4,5-Trichlorophenol	ug/Kg									
2,4,6-Trichlorophenol	ug/Kg									
Total Tetrachlorophenols	ug/Kg	18 U	18 U	19 U	15000 U	20000 U	16 U	15 U	1600 U	1900 U
Pentachlorophenol	ug/Kg	100	230	6.4 U	85000	980000	9.6	9.6	9700	5600
2-Nitrophenol	ug/Kg									
4-Nitrophenol	ug/Kg									
2,4-Dinitrophenol	ug/Kg									
2-Methylphenol	ug/Kg									
4-Methylphenol	ug/Kg									
2,4-Dimethylphenol	ug/Kg									
TPH	Units									
Diesel	ug/Kg									
Diesel Range Organics	ug/Kg	32000 U	32000 U	33000 U	6600000	29000000	10000 J	6000 J	13000000	7700000
Heavy Fuel Oil	ug/Kg									
Jet Fuel as Jet A	ug/Kg									
Kerosene	ug/Kg									
Lube Oil	ug/Kg									
Mineral Spirits	ug/Kg									
Non-PHC as Diesel	ug/Kg									
Oil Range Organics	ug/Kg	130000 U	130000 U	130000 U	290000	980000	100000 U	100000 U	750000	430000
PHC as Diesel	ug/Kg									

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-29	SB-29	SB-29	SB-30	SB-30	SB-31	SB-32	SB-32	SB-33
Sample ID		SB-29 S-9	SB-29 S-11	SB-29 S-13	SB-30 S-6	SB-30 S-9	SB-31 S-7	SB-32 S-4	SB-32 S-7	SB-33 S-7
Date		1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001	1/15/2001
Depth in feet		32 - 36	40 - 44	48 - 52	20 - 24	33 - 35.5	24 - 28	12 - 16	24 - 28	28 - 32
PAHs	Units									
2-Methylnaphthalene	ug/Kg			6.8 U		15000				
Acenaphthene	ug/Kg			6.8 U		2900				
Acenaphthylene	ug/Kg			6.8 U		340 U				
Anthracene	ug/Kg			6.8 U		1500				
Benzo(a)anthracene	ug/Kg			6.8 U		580				
Benzo(a)pyrene	ug/Kg			6.8 U		340 U				
Benzo(b)fluoranthene	ug/Kg			6.8 U		340 U				
Benzo(g,h,i)perylene	ug/Kg			6.8 U		340 U				
Benzo(k)fluoranthene	ug/Kg			6.8 U		340 U				
Carbazole	ug/Kg			7 U		400 U				
Chrysene	ug/Kg			6.8 U		1500				
Dibenz(a,h)anthracene	ug/Kg			6.8 U		340 U				
Dibenzofuran	ug/Kg			6.8 U		2400				
Fluoranthene	ug/Kg			6.8 U		2300				
Fluorene	ug/Kg			6.8 U		26000				
Indeno(1,2,3-cd)pyrene	ug/Kg			6.8 U		340 U				
Naphthalene	ug/Kg			6.8 U		3800				
Phenanthrene	ug/Kg			6.8 U		60000				
Pyrene	ug/Kg			6.8 U		4400				

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-34	SB-34	SS-1	SS-1	SS-1	SS-2	SS-2	SS-3	SS-3	SS-4	SS-4
Sample ID		SB-34 S-6	SB-34 S-10	SS-1-S	SS-1-S	SS-1-D	SS-2-S	SS-2-D	SS-3-S	SS-3-D	SS-4-S	SS-4-D
Date		1/15/2001	1/15/2001	10/1/1999	10/4/1999	10/8/1999	10/1/1999	10/8/1999	10/1/1999	10/8/1999	10/1/1999	10/8/1999
Depth in feet		20 - 24	36 - 40	0.2	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8
Conventionals	Units											
pH	PH			5.73		6.84	8.67	7.12			6.08	6.05
Total Organic Carbon	%				1.59		0.49				1.15	
Total Solids	%	95.1	80.7	95.6		94.4	96.8	94.2	90.2	92.9	92.2	93.4
Phenols	Units											
Phenol	ug/Kg											
2-Chlorophenol	ug/Kg											
2,4-Dichlorophenol	ug/Kg											
2,4,5-Trichlorophenol	ug/Kg											
2,4,6-Trichlorophenol	ug/Kg			500 U		50 U	50 U	500 U	500 U	5000 U	500 U	50 U
Total Tetrachlorophenols	ug/Kg	15 U	180 U	500 U		50 U	50 U	200 J	1700	5000 U	500 U	50 U
Pentachlorophenol	ug/Kg	100	920	6000		150	330	3200	90000	16000	5300	590
2-Nitrophenol	ug/Kg											
4-Nitrophenol	ug/Kg											
2,4-Dinitrophenol	ug/Kg											
2-Methylphenol	ug/Kg											
4-Methylphenol	ug/Kg											
2,4-Dimethylphenol	ug/Kg											
TPH	Units											
Diesel	ug/Kg			25000 U		25000 U	25000 U	25000 U				
Diesel Range Organics	ug/Kg	8000 J	10000 J									
Heavy Fuel Oil	ug/Kg			100000 U		100000 U	100000 U	100000 U				
Jet Fuel as Jet A	ug/Kg			25000 U		25000 U	25000 U	25000 U				
Kerosene	ug/Kg			25000 U		25000 U	25000 U	25000 U				
Lube Oil	ug/Kg			630000		60000 J	190000	100000 U				
Mineral Spirits	ug/Kg			25000 U		25000 U	25000 U	25000 U				
Non-PHC as Diesel	ug/Kg			100000 U		100000 U	100000 U	100000 U				
Oil Range Organics	ug/Kg	100000 U	120000 U									
PHC as Diesel	ug/Kg			100000 U		100000 U	100000 U	1400000				

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SB-34	SB-34	SS-1	SS-1	SS-1	SS-2	SS-2	SS-3	SS-3	SS-4	SS-4
Sample ID		SB-34 S-6	SB-34 S-10	SS-1-S	SS-1-S	SS-1-D	SS-2-S	SS-2-D	SS-3-S	SS-3-D	SS-4-S	SS-4-D
Date		1/15/2001	1/15/2001	10/1/1999	10/4/1999	10/8/1999	10/1/1999	10/8/1999	10/1/1999	10/8/1999	10/1/1999	10/8/1999
Depth in feet		20 - 24	36 - 40	0.2	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8
PAHs	Units											
2-Methylnaphthalene	ug/Kg		7.8									
Acenaphthene	ug/Kg		6.2 U									
Acenaphthylene	ug/Kg		6.2 U									
Anthracene	ug/Kg		6.2 U									
Benzo(a)anthracene	ug/Kg		6.2 U									
Benzo(a)pyrene	ug/Kg		6.2 U									
Benzo(b)fluoranthene	ug/Kg		6.2 U									
Benzo(g,h,i)perylene	ug/Kg		6.2 U									
Benzo(k)fluoranthene	ug/Kg		6.2 U									
Carbazole	ug/Kg		7 U									
Chrysene	ug/Kg		6.2 U									
Dibenz(a,h)anthracene	ug/Kg		6.2 U									
Dibenzofuran	ug/Kg		12									
Fluoranthene	ug/Kg		6.2 U									
Fluorene	ug/Kg		13									
Indeno(1,2,3-cd)pyrene	ug/Kg		6.2 U									
Naphthalene	ug/Kg		6.2 U									
Phenanthrene	ug/Kg		24									
Pyrene	ug/Kg		6.2 U									

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SS-5	SS-5	SS-6	SS-6
Sample ID		SS-5-S	SS-5-D	SS-6-S	SS-6-D
Date		10/1/1999	10/8/1999	10/7/1999	10/7/1999
Depth in feet		0.2	0.8	0.2	0.8
Conventionals	Units				
pH	PH	5.29	5.69		
Total Organic Carbon	%				
Total Solids	%	90.6	92.4	93.7	94.1
Phenols	Units				
Phenol	ug/Kg				
2-Chlorophenol	ug/Kg				
2,4-Dichlorophenol	ug/Kg				
2,4,5-Trichlorophenol	ug/Kg				
2,4,6-Trichlorophenol	ug/Kg	500 U	5 U	5 U	5 U
Total Tetrachlorophenols	ug/Kg	500 U	9.6	5 U	5 U
Pentachlorophenol	ug/Kg	9300	96	22	15
2-Nitrophenol	ug/Kg				
4-Nitrophenol	ug/Kg				
2,4-Dinitrophenol	ug/Kg				
2-Methylphenol	ug/Kg				
4-Methylphenol	ug/Kg				
2,4-Dimethylphenol	ug/Kg				
TPH	Units				
Diesel	ug/Kg				
Diesel Range Organics	ug/Kg				
Heavy Fuel Oil	ug/Kg				
Jet Fuel as Jet A	ug/Kg				
Kerosene	ug/Kg				
Lube Oil	ug/Kg				
Mineral Spirits	ug/Kg				
Non-PHC as Diesel	ug/Kg				
Oil Range Organics	ug/Kg				
PHC as Diesel	ug/Kg				

Table 5.1 Historical Soil Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		SS-5	SS-5	SS-6	SS-6
Sample ID		SS-5-S	SS-5-D	SS-6-S	SS-6-D
Date		10/1/1999	10/8/1999	10/7/1999	10/7/1999
Depth in feet		0.2	0.8	0.2	0.8
PAHs	Units				
2-Methylnaphthalene	ug/Kg				
Acenaphthene	ug/Kg				
Acenaphthylene	ug/Kg				
Anthracene	ug/Kg				
Benzo(a)anthracene	ug/Kg				
Benzo(a)pyrene	ug/Kg				
Benzo(b)fluoranthene	ug/Kg				
Benzo(g,h,i)perylene	ug/Kg				
Benzo(k)fluoranthene	ug/Kg				
Carbazole	ug/Kg				
Chrysene	ug/Kg				
Dibenz(a,h)anthracene	ug/Kg				
Dibenzofuran	ug/Kg				
Fluoranthene	ug/Kg				
Fluorene	ug/Kg				
Indeno(1,2,3-cd)pyrene	ug/Kg				
Naphthalene	ug/Kg				
Phenanthrene	ug/Kg				
Pyrene	ug/Kg				

Table 5.2 Historical Soil Data From Semivolatile Analyses

Station		B-1	B-1	B-1	B-1	B-1	MW-1	MW-1	MW-1
Sample ID		B-1-4-5	B-1-14-15	B-1-17-18	B-1-24-25	B-1-39-40	MW-1-3-4	MW-1-8-9	MW-1-23-24
Date		8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990	8/24/1990
Depth in feet		4 - 5	14 - 15	17 - 18	24 - 25	39 - 40	3 - 4	8 - 9	23 - 24
Semivolatile	Units								
1,2,4-Trichlorobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
1,2-Dichlorobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
1,3-Dichlorobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
1,4-Dichlorobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
2,4-Dinitrotoluene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
2,6-Dinitrotoluene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
2-Chloronaphthalene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
2-Nitroaniline	ug/Kg	850 U	850 U	850 U	850 U	850 U	850 U	850 U	850 U
3,3'-Dichlorobenzidine	ug/Kg	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
3-Nitroaniline	ug/Kg	850 U	850 U	850 U	850 U	850 U	850 U	850 U	850 U
4,6-Dinitro-2-methylphenol	ug/Kg	850 U	850 U	850 U	850 U	850 U	850 U	850 U	850 U
4-Bromophenyl-phenylether	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
4-Chloro-3-methylphenol	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
4-Chloroaniline	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
4-Chlorophenyl-phenylether	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
4-Nitroaniline	ug/Kg	850 U	850 U	850 U	850 U	850 U	850 U	850 U	850 U
Aniline	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Benzidine	ug/Kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Benzoic acid	ug/Kg	850 U	850 U	850 U	850 U	850 U	850 U	850 U	850 U
Benzyl alcohol	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Bis(2-Chloroethoxy)methane	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Bis(2-Chloroethyl)ether	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Bis(2-Chloroisopropyl)ether	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Bis(2-ethylhexyl)phthalate	ug/Kg	260 UJ	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Butylbenzylphthalate	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Diethylphthalate	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Dimethylphthalate	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Di-n-butylphthalate	ug/Kg	170 U	170 U	170 U	730	170 U	170 U	170 U	170 U
Di-n-octylphthalate	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Hexachlorobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Hexachlorobutadiene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Hexachlorocyclopentadiene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Hexachloroethane	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Isophorone	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Nitrobenzene	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
N-Nitrosodimethylamine	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
N-Nitroso-di-n-propylamine	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
N-Nitrosodiphenylamine	ug/Kg	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U

Table 5.3 Historical Soil Data From Dioxin/Furan Analyses

Station		L-1	L-2	L-3	SB-06	SB-06	SB-21	SS-1
Sample ID		L-1,S-3	L-2,S-3	L-3,S-3	SB-06 S-10	SB-06 S-6	SB-21 S-8	SS-1-S
Date		12/7/2000	12/6/2000	12/7/2000	10/5/1999	10/5/1999	12/11/2000	10/1/1999
Depth in feet		18 - 19.5	18 - 19.5	16 - 17.5	32.5	15	28 - 32	0.2
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	0.56 J	0.32 J	1.2	145.751 U	1295.2 U	45.8 U	80.664 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	9.7	4.6 J	16.8	276.127 U	2492.6 U	282	561.977
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	34.2	16.8	55.4	231.627 U	2084.4 U	981	1978.703
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	125	63.2	166	155.949 U	2525.126	80870	6756.321
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	72.1	37	111	178.767 U	1608.7 U	6610	4290.938
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	4180 J	1900	5770 J	3762.357	247615.179	1402220 J	170847.527
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	38070 J	14900 J	47510 J	36606.535	3234410.1	4789890 J	1790474.2
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	2.1 UJB	1.1 UJB	2.4 UJB	24.946 U	1976.8 U	1350	53.447 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	0.1 U	0.1 U	0.1 U	25.452 U	1902.3 U	39.9 U	175.286 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	3.5 J	2.6 UJB	5.2	25.733 U	1923.3 U	4780	177.224 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	27.9	13.5	41.2	101.401 U	5832.58	15940	16510.265
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	13.9	7.4	24	76.049 U	1609.3 U	4220	1860.8 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	0.2 U	0.2 U	0.2 U	120.389 U	2547.6 U	41 U	2945.8 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	24.9	12	42.8	88.919 U	1881.6 U	8680	2175.7 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	575	227	883	330.047	30131.894	141550 J	28856.034
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	43.2	13.1	65	95.538 U	951.09 U	8110	2250.641
Octachlorodibenzofuran (OCDF)	pg/g	3090	694	3360	1470.589	244297.085	376520 J	198590.285
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	3.7	1.8	6.1	145.751 U	1295.2 U	1500	80.664 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	28.6	16.3	57.5	276.127 U	2492.6 U	4410	377.461
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	644	321	862	155.949 U	1403.4 U	219400	32276.578
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	7950 J	3470	9800 J	6646.418	483209.947	2664250	278368.741
Tetrachlorodibenzofurans (TCDF), Total	pg/g	66.4 XJ	11.8 XJ	13.6 XJ	24.946 U	1976.8 U	7150	161.032
Pentachlorodibenzofurans (PeCDF), Total	pg/g	105 XJ	54.5 XJ	173 XJ	25.733 U	1923.3 U	56680	3661.078
Hexachlorodibenzofurans (HxCDF), Total	pg/g	386 XJ	382 XJ	1320 XJ	71.695	4795.492	395790	28013.038
Heptachlorodibenzofurans (HpCDF), Total	pg/g	2590	701 XJ	2990 UJX	67.837 U	30131.894	685620	31106.675
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	45.991	36.4604	74.456	44.7317524	3961.112049	14618.2	5734.04817

Table 5.3 Historical Soil Data From Dioxin/Furan Analyses (Continued)

Station		SS-2	SS-3	SS-4	SS-5
Sample ID		SS-2-S	SS-3-S	SS-4-S	SS-5-S
Date		10/1/1999	10/1/1999	10/1/1999	10/1/1999
Depth in feet		0.2	0.2	0.2	0.2
Dioxins and furans	Units				
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	18.88 U	101.885 U	31.321	41.83 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	217.555	782.204	818.386	373.67
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	572.056	2462.608	2091.99	1616.624
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1114.272	6432.281	5502.579	4655.186
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	1186.854	4966.084	4308.146	3160.4
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	25032.979	182350.835	123078.994	130647.613
Octachlorodibenzo-p-dioxin (OCDD)	pg/g	224974.266	2061571.2	1187669.4	1485434.7
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	15.745 U	104.937 U	36.688 U	44.848 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	49.34 U	221.371	88.42 U	41.28 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	49.885 U	70.416 U	89.397 U	41.736 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	1822.732	18169.019	10854.777	17151.356
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	216.711 U	2328.7 U	1100.1 U	1343.9 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	343.064 U	3686.5 U	1740.5 U	2127.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	253.388 U	2722.8 U	1286.3 U	1571.3 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	6772.994	35205.088	18584.005	20112.168
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	442.667 U	2850.065	1399.748	3092.7 U
Octachlorodibenzofuran (OCDF)	pg/g	39256.989	376801.558	132389.157	181536.694
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/g	18.88 U	101.885 U	31.321 U	41.83 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/g	359.029	1301.883	1710.322	373.67
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/g	7181.283	30792.953	27009.905	21675.546
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/g	42644.241	284578.851	191921.924	210510.252
Tetrachlorodibenzofurans (TCDF), Total	pg/g	15.745 U	104.937 U	117.771	51.319
Pentachlorodibenzofurans (PeCDF), Total	pg/g	1513.041	4190.273	3988.866	2429.284
Hexachlorodibenzofurans (HxCDF), Total	pg/g	6858.549	26188.336	18395.301	16099.486
Heptachlorodibenzofurans (HpCDF), Total	pg/g	6772.994	38055.153	19983.753	20112.168
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/g	1031.62926	6444.16891	4688.08953	4706.32155

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses

Station		CB-01	CB-01	CB-01	CB-02	CB-03	CB-04	CB-05	CB-06	CB-01-06	CB-01-06
Sample ID		Drain #1	Drain #1-F	Drain #1	Drain #2	Drain #3	Drain #4	Drain #5	Drain #6	Drains 1-6	Drains 1-6
Date		11/27/00	11/27/00 filtered	3/19/01	3/19/01	3/19/01	3/19/01	3/19/01	3/19/01	10/12/00	1/19/01
Conventionals	Units										
pH	PH		6.62							5.95	6.74
Total Suspended Solids	mg/L	77	34	172	300	96	152	204	690	273	593
Phenols	Units										
2,4,6-Trichlorophenol	ug/L										
Total Tetrachlorophenols	ug/L										
Pentachlorophenol	ug/L		35	31	2.9	2.5	290	16	6.2	72	39
TPH	Units										
Oil and Grease	ug/L									5000 U	5000 U
Diesel Range Organics (DRO)	ug/L										
Residual Range Organics (RRO)	ug/L										
PAHs	Units										
Acenaphthene	ug/L										
Acenaphthylene	ug/L										
Anthracene	ug/L										
Benzo(a)anthracene	ug/L										
Benzo(a)pyrene	ug/L										
Benzo(b)fluoranthene	ug/L										
Benzo(g,h,i)perylene	ug/L										
Benzo(k)fluoranthene	ug/L										
Chrysene	ug/L										
Dibenz(a,h)anthracene	ug/L										
Fluoranthene	ug/L										
Fluorene	ug/L										
Indeno(1,2,3-cd)pyrene	ug/L										
Naphthalene	ug/L										
Phenanthrene	ug/L										
Pyrene	ug/L										
Total PAHs (calculated)	ug/L										

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-07	CB-07	CB-07	CB-08	CB-08	CB-08	CB-07-08	CB-07-08	CB-09	CB-10	CB-11
Sample ID		Drain #7	Drain 7	Drain 7	Drain #8	Drain 8	Drain 8	7-8	7-8	Drain #9	Drain #10	Drain #11
Date		3/19/01	3/5/02	4/8/02	3/19/01	3/5/02	4/8/02	10/1/01	1/15/02	3/19/01	3/19/01	3/19/01
Conventionals	Units											
pH	PH		6.98	6.55 J		6.45	5.88 J	6.27 J	6.53			
Total Suspended Solids	mg/L	108	86	472	144	248	380	75	480	512	1290	86
Phenols	Units											
2,4,6-Trichlorophenol	ug/L											
Total Tetrachlorophenols	ug/L											
Pentachlorophenol	ug/L	1.5	11	7.8	2.6 J	9	9.5	0.2 UJ	65	4.7	2.7	1.7 J
TPH	Units											
Oil and Grease	ug/L											
Diesel Range Organics (DRO)	ug/L		250 U	860 H		480 H	880 H	25000 J	4400			
Residual Range Organics (RRO)	ug/L		1100 O	4400 O		2000 O	4500 O	2200 J	7200			
PAHs	Units											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-12	CB-07-12	CB-07-12	CB-13	CB-13	CB-13	CB-13	CB-13	CB-13	CB-14
Sample ID		Drain #12	Drains 7-12	Drains 7-12	Drain 13	Drain 13	Drain 13	Drain 13-F	Drain #13	Drain #13-F	Drain 14
Date		3/19/01	10/12/00	1/19/01	3/1/98	3/11/98	5/1/98	10/12/00 filtered	11/27/00	11/27/00 filtered	3/1/98
Conventionals	Units										
pH	PH		6.35	6	7.19	7.18	7.06	6.66		6.7	7.56
Total Suspended Solids	mg/L	32	840	565	560	412	788	5 U	120	5 U	228
Phenols	Units										
2,4,6-Trichlorophenol	ug/L					5 U					
Total Tetrachlorophenols	ug/L					9					
Pentachlorophenol	ug/L	110	7.3	15	435	410	120	230		180	410
TPH	Units										
Oil and Grease	ug/L		5000 U	6000	2500	5000 U	5000	5000 U			2500
Diesel Range Organics (DRO)	ug/L										
Residual Range Organics (RRO)	ug/L										
PAHs	Units										
Acenaphthene	ug/L					2 U					
Acenaphthylene	ug/L					30 U					
Anthracene	ug/L					0.2 U					
Benzo(a)anthracene	ug/L					0.7 U					
Benzo(a)pyrene	ug/L					1.8					
Benzo(b)fluoranthene	ug/L					2.5					
Benzo(g,h,i)perylene	ug/L					2 U					
Benzo(k)fluoranthene	ug/L					1.2					
Chrysene	ug/L					2.6					
Dibenz(a,h)anthracene	ug/L					0.6 U					
Fluoranthene	ug/L					11 U					
Fluorene	ug/L					2 U					
Indeno(1,2,3-cd)pyrene	ug/L					2 U					
Naphthalene	ug/L					2 U					
Phenanthrene	ug/L					5 U					
Pyrene	ug/L					30 U					
Total PAHs (calculated)	ug/L					8.1					

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-14	CB-14	CB-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14
Sample ID		Drain 14	Drain 14	Drain 14-F	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14
Date		3/11/98	5/1/98	10/12/00 filtered	9/1/94	11/1/94	1/1/95	3/1/95	9/1/95	11/1/95
Conventionals	Units									
pH	PH	7.56	7.45	6.51	7.65	7.67	8.25	7.25	7.53	8.1
Total Suspended Solids	mg/L	228	1400	5 U	538	410	2430	119	292	147.5
Phenols	Units									
2,4,6-Trichlorophenol	ug/L	5 U								
Total Tetrachlorophenols	ug/L	8								
Pentachlorophenol	ug/L	410	220	370	49	160	570	65	560	39.5
TPH	Units									
Oil and Grease	ug/L	5000 U	6000	5000 U	3000	1000	3000	1000	3000	3000
Diesel Range Organics (DRO)	ug/L									
Residual Range Organics (RRO)	ug/L									
PAHs	Units									
Acenaphthene	ug/L	2 U								
Acenaphthylene	ug/L	15 U								
Anthracene	ug/L	0.2 U								
Benzo(a)anthracene	ug/L	0.2 U								
Benzo(a)pyrene	ug/L	0.5								
Benzo(b)fluoranthene	ug/L	0.9								
Benzo(g,h,i)perylene	ug/L	0.5 U								
Benzo(k)fluoranthene	ug/L	0.4								
Chrysene	ug/L	1 U								
Dibenz(a,h)anthracene	ug/L	0.2 U								
Fluoranthene	ug/L	5 U								
Fluorene	ug/L	1 U								
Indeno(1,2,3-cd)pyrene	ug/L	0.5 U								
Naphthalene	ug/L	2 U								
Phenanthrene	ug/L	2 U								
Pyrene	ug/L	17 U								
Total PAHs (calculated)	ug/L	1.8								

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14
Sample ID		Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14	Drains 13-14
Date		1/1/96	3/1/96	5/1/96	9/1/96	11/1/96	1/1/97	3/1/97	5/1/97
Conventionals	Units								
pH	PH	8.12	6.97	7.33	7.85	8.04	8.08	7.23	6.01
Total Suspended Solids	mg/L	224	392	853.5	740	774	2285	150.5	653.5
Phenols	Units								
2,4,6-Trichlorophenol	ug/L								
Total Tetrachlorophenols	ug/L								
Pentachlorophenol	ug/L	310	110	210	50.5	260	225	165	120
TPH	Units								
Oil and Grease	ug/L	2500	2500	2500	2500	5000	2500	2500	5000
Diesel Range Organics (DRO)	ug/L								
Residual Range Organics (RRO)	ug/L								
PAHs	Units								
Acenaphthene	ug/L								
Acenaphthylene	ug/L								
Anthracene	ug/L								
Benzo(a)anthracene	ug/L								
Benzo(a)pyrene	ug/L								
Benzo(b)fluoranthene	ug/L								
Benzo(g,h,i)perylene	ug/L								
Benzo(k)fluoranthene	ug/L								
Chrysene	ug/L								
Dibenz(a,h)anthracene	ug/L								
Fluoranthene	ug/L								
Fluorene	ug/L								
Indeno(1,2,3-cd)pyrene	ug/L								
Naphthalene	ug/L								
Phenanthrene	ug/L								
Pyrene	ug/L								
Total PAHs (calculated)	ug/L								

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14
Sample ID		Drains 13-14	Drains 13-14	Drain 30	Drains 13-14	Drains 13-14	Drains 13-14	Drain 30	Drain 30	Drains 13-14
Date		9/1/97	9/18/97	9/18/97 Field dup	11/1/97	1/1/98	1/8/98	1/8/98 Field dup	3/11/98 Field dup	11/17/98
Conventionals	Units									
pH	PH	7.97	7.97	7.71	7.46	7.66	7.69	7.63	7.22	7.31
Total Suspended Solids	mg/L	955	1020	890	284	544	676	412	708	454
Phenols	Units									
2,4,6-Trichlorophenol	ug/L		0.5 U	0.5 U			0.5 U	0.5 U	5 U	0.5 U
Total Tetrachlorophenols	ug/L		2.3	2.5			4	5.1	10	6.1
Pentachlorophenol	ug/L	81	74	88	260	135	130	140	460	180
TPH	Units									
Oil and Grease	ug/L	2500	5000 U	5000 U	2500	2500	5000 U	5000	5000 U	5000 U
Diesel Range Organics (DRO)	ug/L									
Residual Range Organics (RRO)	ug/L									
PAHs	Units									
Acenaphthene	ug/L		1 U	1 U			1 U	1 U	2 U	1 U
Acenaphthylene	ug/L		3 U	1 U			1 U	1 U	2 U	1 U
Anthracene	ug/L		0.1 U	0.1 U			0.1 U	0.1 U	0.2 U	0.1 U
Benzo(a)anthracene	ug/L		0.1 U	0.1 U			0.9	1.1	0.8 U	0.3
Benzo(a)pyrene	ug/L		0.1	0.1			1.3	1.6	2.2	0.6
Benzo(b)fluoranthene	ug/L		0.3	0.3			1.4	1.9	3.1	0.8
Benzo(g,h,i)perylene	ug/L		0.2 U	0.2 U			0.8	2 U	2.1	0.7
Benzo(k)fluoranthene	ug/L		0.1	0.1			0.6	0.8	1.4	0.3
Chrysene	ug/L		0.2	0.2			1.2	1.6	3.4	0.8
Dibenz(a,h)anthracene	ug/L		0.1 U	0.1 U			0.2 U	0.3 U	0.2 U	0.1 U
Fluoranthene	ug/L		0.3	0.3			5.1	3.3	13 U	0.3
Fluorene	ug/L		0.2 U	0.2 U			0.2 U	0.2 U	1.5 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L		0.2	0.2			0.2 U	1.2	3 U	0.7
Naphthalene	ug/L		1 U	1 U			1 U	1 U	2 U	3 U
Phenanthrene	ug/L		0.2	0.2			2	3 U	5 U	0.6 U
Pyrene	ug/L		0.5	0.4			6.8	5 U	32 U	3 U
Total PAHs (calculated)	ug/L		1.9	1.8			20.1	11.5	12.2	4.5

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14
Sample ID		Drain 30	Drains 13-14	Drain 30	Drains 13-14	Drain 30	Drains 13-14	Drain 30	Drains 13-14	Drain 30
Date		11/17/98	1/21/99	1/21/99	3/25/99	3/25/99	5/20/99	5/20/99	10/13/99	10/13/99
		Field dup		Field dup		Field dup		Field dup		Field dup
Conventionals	Units									
pH	PH	8.35	7.69	7.74	7.15	7.36	6.88	7.04	7.77	7.7
Total Suspended Solids	mg/L	419	1030	1050	270	362	1270	1280	256	174
Phenols	Units									
2,4,6-Trichlorophenol	ug/L	0.5 U	5 U	5 U	50 U	50 U	50 U	50 U	1 U	1 U
Total Tetrachlorophenols	ug/L	6.2	15	12	50 U	50 U	50 U	50 U	4.3	4.3
Pentachlorophenol	ug/L	180	480	430	180	200	210	220	130	120
TPH	Units									
Oil and Grease	ug/L	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000	6000	6000
Diesel Range Organics (DRO)	ug/L									
Residual Range Organics (RRO)	ug/L									
PAHs	Units									
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
Acenaphthylene	ug/L	6 U	1 U	1 U	1 U	1 U	10 U	10 U	2 U	2 U
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1
Benzo(a)anthracene	ug/L	0.2	0.4	0.3	0.1 U	0.1 U	1 U	1 U	0.2	0.3
Benzo(a)pyrene	ug/L	0.4	0.7	0.5	0.3	0.3	1 U	1 U	0.3	0.3
Benzo(b)fluoranthene	ug/L	0.6	0.8	0.7	0.4	0.5	2 U	2 U	0.5	0.5
Benzo(g,h,i)perylene	ug/L	0.5	0.8	0.7	0.4	0.4	2 U	2 U	0.4	0.2 U
Benzo(k)fluoranthene	ug/L	0.2	0.3	0.2	0.2	0.2	1 U	1 U	0.2	0.2
Chrysene	ug/L	0.5	1.3	1.1	0.6	0.6	1 U	1 U	0.4	0.4
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1	0.1 U
Fluoranthene	ug/L	0.2	0.2 U	0.2 U	3 U	3 U	2 U	2 U	0.2 U	0.2 U
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.5	0.7	0.4	0.4	0.4	1 U	1 U	0.5	0.5
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
Phenanthrene	ug/L	0.5 U	0.5	0.4	0.7	0.8	1.7 U	1 U	0.3	0.3
Pyrene	ug/L	2 U	0.2 U	0.2 U	4 U	4 U	10 U	10 U	2 U	2 U
Total PAHs (calculated)	ug/L	3.1	5.5	4.3	3	3.2	10 U	10 U	2.9	2.6

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-16	CB-16	CB-16	CB-17	CB-17	CB-18
Sample ID		Drains 13-14	Drain 30	Drains 13-14	Drain 30	Drain 16	Drain 16	Drain #16	Drain 17	Drain #17	Drain 18
Date		3/28/00	3/28/00	4/25/00	4/25/00	10/12/00	1/19/01	3/19/01	1/19/01	3/19/01	10/12/00
			Field dup		Field dup						
Conventionals	Units										
pH	PH	7.17	7.11	6.74	6.96	6.5	6.87		7.39		6.54
Total Suspended Solids	mg/L	1080	1220	81	127	5 U	52	210	412	78	3640
Phenols	Units										
2,4,6-Trichlorophenol	ug/L	1 U	5 U	0.5 U	0.5 U						
Total Tetrachlorophenols	ug/L	8.9	8.4	2.6	1.8						
Pentachlorophenol	ug/L	280	280	56	42	30	4.8	260	3.5	2	1.4
TPH	Units										
Oil and Grease	ug/L	6000	5000 U	5000 U	6000	5000 U	5000 U		5000 U		5000 U
Diesel Range Organics (DRO)	ug/L										
Residual Range Organics (RRO)	ug/L										
PAHs	Units										
Acenaphthene	ug/L	1 U	1 U	1 U	1 U						
Acenaphthylene	ug/L	6.4 U	8.6 U	1 U	1 U						
Anthracene	ug/L	0.5	0.46	0.1 U	0.1 U						
Benzo(a)anthracene	ug/L	0.71	0.69	0.1 U	0.1 U						
Benzo(a)pyrene	ug/L	0.71	0.58	0.12	0.14						
Benzo(b)fluoranthene	ug/L	1.3	1	0.31	0.33						
Benzo(g,h,i)perylene	ug/L	1.2	1 U	0.24	0.31						
Benzo(k)fluoranthene	ug/L	0.47	0.4	0.1 U	0.1 U						
Chrysene	ug/L	1.7	1.4	0.18	0.17						
Dibenz(a,h)anthracene	ug/L	0.28	0.1 U	0.1 U	0.1 U						
Fluoranthene	ug/L	0.97	0.82	0.2 U	0.2 U						
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.69	0.61	0.19	0.17						
Naphthalene	ug/L	1 U	1 U	1 U	1 U						
Phenanthrene	ug/L	0.5	0.42	0.2	0.19						
Pyrene	ug/L	2.2 U	1.8 U	0.46	0.53						
Total PAHs (calculated)	ug/L	9.03	6.38	1.7	1.84						

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-18	CB-18	CB-19	CB-20	CB-21	CB-19-21	CB-19-21	CB-22	CB-10-22
Sample ID		Drain 18	Drain #18	Drain #19	Drain #20	Drain #21	Drains 19-21	Drains 19-21	Drain #22	Drains 10-22
Date		1/19/01	3/19/01	3/19/01	3/19/01	3/19/01	10/12/00	1/19/01	3/19/01	9/1/94
Conventionals	Units									
pH	PH	7.7					6.3	6.98		7.22
Total Suspended Solids	mg/L	1420	1090	53	190	260	14	40	352	456
Phenols	Units									
2,4,6-Trichlorophenol	ug/L									
Total Tetrachlorophenols	ug/L									
Pentachlorophenol	ug/L	7.4	12	4.7	30	18	4.8	11	27	7
TPH	Units									
Oil and Grease	ug/L	5000 U					5000 U	5000 U		2500
Diesel Range Organics (DRO)	ug/L									
Residual Range Organics (RRO)	ug/L									
PAHs	Units									
Acenaphthene	ug/L									
Acenaphthylene	ug/L									
Anthracene	ug/L									
Benzo(a)anthracene	ug/L									
Benzo(a)pyrene	ug/L									
Benzo(b)fluoranthene	ug/L									
Benzo(g,h,i)perylene	ug/L									
Benzo(k)fluoranthene	ug/L									
Chrysene	ug/L									
Dibenz(a,h)anthracene	ug/L									
Fluoranthene	ug/L									
Fluorene	ug/L									
Indeno(1,2,3-cd)pyrene	ug/L									
Naphthalene	ug/L									
Phenanthrene	ug/L									
Pyrene	ug/L									
Total PAHs (calculated)	ug/L									

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22
Sample ID		Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22
Date		3/1/95	9/1/95	12/1/95	3/1/96	9/1/96	12/1/96	3/1/97	9/1/97
Conventionals	Units								
pH	PH	7.86	7.46	7.31	7.26	7.63	7.16	7.66	7.09
Total Suspended Solids	mg/L	19900	1480	1080	1800	1200	1300	7020	640
Phenols	Units								
2,4,6-Trichlorophenol	ug/L								
Total Tetrachlorophenols	ug/L								
Pentachlorophenol	ug/L	34	18	73	30	40	64.5	28	18
TPH	Units								
Oil and Grease	ug/L	2500	1000	2000	2500	2500	1500	2500	2500
Diesel Range Organics (DRO)	ug/L								
Residual Range Organics (RRO)	ug/L								
PAHs	Units								
Acenaphthene	ug/L								
Acenaphthylene	ug/L								
Anthracene	ug/L								
Benzo(a)anthracene	ug/L								
Benzo(a)pyrene	ug/L								
Benzo(b)fluoranthene	ug/L								
Benzo(g,h,i)perylene	ug/L								
Benzo(k)fluoranthene	ug/L								
Chrysene	ug/L								
Dibenz(a,h)anthracene	ug/L								
Fluoranthene	ug/L								
Fluorene	ug/L								
Indeno(1,2,3-cd)pyrene	ug/L								
Naphthalene	ug/L								
Phenanthrene	ug/L								
Pyrene	ug/L								
Total PAHs (calculated)	ug/L								

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22	CB-10-22
Sample ID		Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22	Drains 10-22
Date		9/18/97	12/1/97	1/8/98	3/1/98	3/11/98	11/17/98	12/1/98	12/17/98
Conventionals	Units								
pH	PH	7.09	7.21	7.61	7.29	7.29	8.22	7.61	7.36
Total Suspended Solids	mg/L	640	2160	6700	1370	1370	422	6700	486
Phenols	Units								
2,4,6-Trichlorophenol	ug/L	0.5 U		0.5 U		1 U	0.5 U		1 U
Total Tetrachlorophenols	ug/L	2.7		1.9		2	2		1 U
Pentachlorophenol	ug/L	18	42	27.7	19	19	68	27.7	16.3
TPH	Units								
Oil and Grease	ug/L	10000	2500	13000	5000	5000	5000 U	13000	5000 U
Diesel Range Organics (DRO)	ug/L								
Residual Range Organics (RRO)	ug/L								
PAHs	Units								
Acenaphthene	ug/L	1 U		1 U		1 U	1 U		1 U
Acenaphthylene	ug/L	1 U		1 U		1 U	1 U		1 U
Anthracene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.1 U
Benzo(a)anthracene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.1 U
Benzo(a)pyrene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.2 U
Benzo(b)fluoranthene	ug/L	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Benzo(g,h,i)perylene	ug/L	0.2 U		2 U		0.2 U	0.2 U		0.2 U
Benzo(k)fluoranthene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.1 U
Chrysene	ug/L	0.1 U		0.1		0.1 U	0.1		0.1 U
Dibenz(a,h)anthracene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.1 U
Fluoranthene	ug/L	0.2 U		0.3 U		0.4 U	0.2 U		0.2 U
Fluorene	ug/L	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U		0.1 U		0.1 U	0.1 U		0.1 U
Naphthalene	ug/L	1 U		1 U		1 U	1 U		1 U
Phenanthrene	ug/L	0.1 U		0.2		0.2 U	0.1 U		0.1 U
Pyrene	ug/L	0.2 U		1 U		0.2 U	0.4 U		0.2 U
Total PAHs (calculated)	ug/L	1 U		0.3		1 U	0.1		1 U

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-10-22	CB-10-22	CB-10-22	CB-20	CB-21	CB-22	CB-22	CB-22	CB-23	CB-23
Sample ID		Drains 10-22	Drains 10-22	Drains 10-22	Drain #20	Drain #21	Drain #22	Drain 22	Drain 22	Drain 23	Drain 23
Date		3/25/99	10/13/99	3/28/00	3/19/01	3/19/01	3/19/01	10/12/00	1/19/01	9/1/94	11/1/94
Conventionals	Units										
pH	PH	7.38	7.33	7.7				6.31	7.02	6.64	7.82
Total Suspended Solids	mg/L	462	338	396	190	260	352	300	573	486	280
Phenols	Units										
2,4,6-Trichlorophenol	ug/L	5 U	1 U	1 U							
Total Tetrachlorophenols	ug/L	5 U	1 U	0.86							
Pentachlorophenol	ug/L	41	35	42	30	18	27	0.74	28	670	400
TPH	Units										
Oil and Grease	ug/L	5000 U	7000	5000 U				5000 U	5000 U	9000	4000
Diesel Range Organics (DRO)	ug/L										
Residual Range Organics (RRO)	ug/L										
PAHs	Units										
Acenaphthene	ug/L	1 U	1 U	1 U							
Acenaphthylene	ug/L	1 U	1 U	1 U							
Anthracene	ug/L	0.1 U	0.1 U	0.1 U							
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U							
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U							
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U							
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.2 U							
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U							
Chrysene	ug/L	0.1	0.1 U	0.11							
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U							
Fluoranthene	ug/L	3 U	0.2 U	0.2 U							
Fluorene	ug/L	0.2 U	0.2 U	0.2 U							
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U							
Naphthalene	ug/L	1 U	1 U	1 U							
Phenanthrene	ug/L	0.2	0.1 U	0.12							
Pyrene	ug/L	3 U	0.2 U	0.2 U							
Total PAHs (calculated)	ug/L	0.3	1 U	0.23							

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23
Sample ID		Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23
Date		1/1/95	3/1/95	9/1/95	11/1/95	1/1/96	3/1/96	5/1/96	9/1/96	11/1/96	1/1/97	3/1/97
Conventionals	Units											
pH	PH	7.41	7.19	6.68	7.69	7.8	6.77	6.86	6.84	6.88	7.08	7.02
Total Suspended Solids	mg/L	830	392	636	196	380	788	3000	266	420	250	122
Phenols	Units											
2,4,6-Trichlorophenol	ug/L											
Total Tetrachlorophenols	ug/L											
Pentachlorophenol	ug/L	840	660	770	650	690	650	260	130	750	380	300
TPH	Units											
Oil and Grease	ug/L	4000	3000	4000	3000	2500	6000	2500	2500	12000	5000	2500
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23
Sample ID		Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23
Date		5/1/97	9/1/97	9/18/97	11/1/97	1/1/98	1/8/98	3/11/98	3/1/98	5/1/98	11/17/98	1/21/99
Conventionals	Units											
pH	PH	6.85	6.94	6.94	7.12	7.2	7.2	7.08	7.08	6.43	7.42	7.31
Total Suspended Solids	mg/L	253	113	113	216	98	98	564	564	21	20	216
Phenols	Units											
2,4,6-Trichlorophenol	ug/L			50 U			0.5 U	5 U			0.5 U	5 U
Total Tetrachlorophenols	ug/L			50 U			8.7	12			6.6	13
Pentachlorophenol	ug/L	170	720	720	350	250	250	400	400	13	80	350
TPH	Units											
Oil and Grease	ug/L	2500	2500	5000 U	2500	5000	5000	5000	5000		5000 U	5000 U
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L			1 U			1 U	1 U			1 U	1 U
Acenaphthylene	ug/L			1 U			1 U	35 U			3 U	1 U
Anthracene	ug/L			0.1 U			0.1 U	0.1 U			0.1 U	0.1 U
Benzo(a)anthracene	ug/L			0.1 U			0.1 U	0.1 U			0.1 U	0.1 U
Benzo(a)pyrene	ug/L			0.1 U			0.1 U	0.2 U			0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L			0.2 U			0.2 U	0.2 U			0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L			0.2 U			2 U	0.2 U			0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L			0.1 U			0.1 U	0.1 U			0.1 U	0.1 U
Chrysene	ug/L			0.1 U			0.1 U	0.2 U			0.1 U	0.5 U
Dibenz(a,h)anthracene	ug/L			0.1 U			0.1 U	0.1 U			0.1 U	0.1 U
Fluoranthene	ug/L			0.2 U			0.2 U	0.4 U			0.2 U	0.2 U
Fluorene	ug/L			0.2 U			0.2 U	0.7 U			0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L			0.1 U			0.1 U	0.1 U			0.1 U	0.1 U
Naphthalene	ug/L			1 U			1 U	1 U			2 U	1 U
Phenanthrene	ug/L			0.4 U			0.1 U	2 U			0.1 U	0.2 U
Pyrene	ug/L			0.2			0.2 U	3 U			0.2 U	0.3 U
Total PAHs (calculated)	ug/L			0.2			2 U	35			3 U	1 U

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-23	CB-24	CB-24	CB-24
Sample ID		Drain 23	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23-F	Drain #23	Drain #23-F	Drain 24	Drain 24	Drain 24
Date		3/25/99	5/20/99	10/13/99	3/28/00	4/25/00	10/12/00 filtered	11/27/00	11/27/00 filtered	9/1/94	11/1/94	1/1/95
Conventionals	Units											
pH	PH	6.88	7.02	6.86	6.81	6.68	6.48		6.39	6.63	7.53	7.75
Total Suspended Solids	mg/L	328	143	66	418	42	6	194	5 U	322	242	1460
Phenols	Units											
2,4,6-Trichlorophenol	ug/L	5 U	5 U	1 U	5 U	0.5 U						
Total Tetrachlorophenols	ug/L	10	5 U	8.3	7.9	2.3						
Pentachlorophenol	ug/L	210	32	120	240	48	220		230	190	150	400
TPH	Units											
Oil and Grease	ug/L	7000	5000 U	5000 U	5000 U	5000 U	5000 U			4000	2000	3000
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L	1 U	1 U	1 U	1 U	1 U						
Acenaphthylene	ug/L	1 U	11 U	3 U	7.2 U	2.6 U						
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Chrysene	ug/L	0.4	0.1	0.1	0.84	0.1 U						
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
Fluoranthene	ug/L	5 U	0.2 U	0.2 U	0.2 U	0.2 U						
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.1 U	0.14	0.1 U						
Naphthalene	ug/L	1 U	1 U	1 U	1 U	1 U						
Phenanthrene	ug/L	0.2	0.1 U	0.1 U	0.15	0.1 U						
Pyrene	ug/L	4 U	0.2 U	0.2 U	0.66 U	0.2 U						
Total PAHs (calculated)	ug/L	0.6	0.1	0.1	1.13	2.6 U						

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24
Sample ID		Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24
Date		3/1/95	9/1/95	11/1/95	1/1/96	3/1/96	5/1/96	9/1/96	11/1/96	1/1/97	3/1/97	5/1/97
Conventionals	Units											
pH	PH	7.15	7.47	8.54	7.64	6.74	6.84	7.43	7.17	6.95	6.85	7.59
Total Suspended Solids	mg/L	246	1520	290	380	1100	119	125	984	200	172	22
Phenols	Units											
2,4,6-Trichlorophenol	ug/L											
Total Tetrachlorophenols	ug/L											
Pentachlorophenol	ug/L	260	870	850	960	360	410	42	330	400	510	3.2
TPH	Units											
Oil and Grease	ug/L	2000	2000	2000	2500	2500	2500	2500	2500	2500	2500	2500
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24
Sample ID		Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24	Drain 24
Date		9/1/97	9/18/97	11/1/97	1/1/98	1/8/98	3/1/98	3/11/98	5/1/98	11/17/98	1/21/99	3/25/99
Conventionals	Units											
pH	PH	6.8	6.8	7.09	7.3	7.3	7.05	7.05	6.84	7.62	7.25	6.82
Total Suspended Solids	mg/L	260	260	280	282	282	620	620	71	12	84	224
Phenols	Units											
2,4,6-Trichlorophenol	ug/L		50 U			5 U		5 U		0.5 U	5 U	5 U
Total Tetrachlorophenols	ug/L		50 U			10		11		1.2	15	11
Pentachlorophenol	ug/L	780	780	490	550	550	370	370	15	56	440	260
TPH	Units											
Oil and Grease	ug/L	2500	5000 U	2500	5000	5000	2500	5000 U		5000 U	5000 U	5000 U
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L		1 U			1 U		2 U		1 U	1 U	1 U
Acenaphthylene	ug/L		11 U			1 U		2 U		4 U	1 U	1 U
Anthracene	ug/L		0.1 U			0.1 U		0.2 U		0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L		0.1 U			0.1 U		0.2 U		0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L		0.1 U			0.2		0.2		0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L		0.2 U			0.3		0.4 U		0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L		0.2 U			2 U		0.4 U		0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L		0.1 U			0.1		0.2		0.1 U	0.1 U	0.1 U
Chrysene	ug/L		0.1 U			0.3		0.5 U		0.1 U	1 U	0.5
Dibenz(a,h)anthracene	ug/L		0.1 U			0.1 U		0.2 U		0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L		0.2 U			0.4 U		0.9 U		0.2 U	0.2 U	5 U
Fluorene	ug/L		0.2 U			0.2 U		0.7 U		0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L		0.1 U			0.2		0.3 U		0.1 U	0.1 U	0.1 U
Naphthalene	ug/L		1 U			1 U		2 U		1 U	1 U	1 U
Phenanthrene	ug/L		0.5 U			0.1 U		3 U		0.1 U	0.1 U	0.6
Pyrene	ug/L		0.2 U			0.5 U		7 U		0.4 U	0.4 U	2 U
Total PAHs (calculated)	ug/L		11 U			1.1		0.4		4 U	1 U	1.1

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-24	CB-25	CB-25	CB-25	CB-25
Sample ID		Drain 24	Drain 24	Drain 24	Drain 24	Drain 24-F	Drain #24	Drain #24-F	Drain 25	Drain 25	Drain 25	Drain 25
Date		5/20/99	10/13/99	3/28/00	4/25/00	10/12/00 filtered	11/27/00	11/27/00 filtered	9/1/94	11/1/94	1/1/95	3/1/95
Conventionals	Units											
pH	PH	6.94	6.92	6.8	6.73	6.66	6.54	6.61	6.61	7.75	8.07	8.5
Total Suspended Solids	mg/L	67	5	236	109	5 U	114	5 U	40	3140	2430	1030
Phenols	Units											
2,4,6-Trichlorophenol	ug/L	0.5 U	1 U	5 U	5 U							
Total Tetrachlorophenols	ug/L	1	1 U	8.4	5 U							
Pentachlorophenol	ug/L	17	3.1	280	110	380	280	140	34	300	740	52
TPH	Units											
Oil and Grease	ug/L	6000	5000	5000 U	5000 U	5000 U			16000	2000	3000	1000
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L	1 U	1 U	1 U	1 U							
Acenaphthylene	ug/L	1 U	1 U	9.1 U	3.4 U							
Anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U							
Benzo(a)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U							
Benzo(a)pyrene	ug/L	0.1 U	0.1 U	0.11	0.1 U							
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2	0.2 U							
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U	0.56	0.2 U							
Benzo(k)fluoranthene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U							
Chrysene	ug/L	0.1	0.1 U	0.69	0.12							
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U	0.1 U							
Fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U							
Fluorene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U							
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.1 U	0.17	0.1 U							
Naphthalene	ug/L	1 U	1 U	1 U	1 U							
Phenanthrene	ug/L	0.1 U	0.1 U	0.19	0.1 U							
Pyrene	ug/L	0.2 U	0.2 U	0.34	0.2 U							
Total PAHs (calculated)	ug/L	0.1	1 U	2.26	0.12							

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25
Sample ID		Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25
Date		9/1/95	11/1/95	1/1/96	3/1/96	5/1/96	9/1/96	11/1/96	1/1/97	3/1/97	5/1/97	9/1/97
Conventionals	Units											
pH	PH	8.15	8.54	7.7	6.75	7.22	7.83	8.15	7.58	7.04	8.82	7.06
Total Suspended Solids	mg/L	2830	630	280	830	413	280	2620	1060	516	18	260
Phenols	Units											
2,4,6-Trichlorophenol	ug/L											
Total Tetrachlorophenols	ug/L											
Pentachlorophenol	ug/L	95	150	270	270	22	42	150	300	270	0.8	340
TPH	Units											
Oil and Grease	ug/L	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L											
Acenaphthylene	ug/L											
Anthracene	ug/L											
Benzo(a)anthracene	ug/L											
Benzo(a)pyrene	ug/L											
Benzo(b)fluoranthene	ug/L											
Benzo(g,h,i)perylene	ug/L											
Benzo(k)fluoranthene	ug/L											
Chrysene	ug/L											
Dibenz(a,h)anthracene	ug/L											
Fluoranthene	ug/L											
Fluorene	ug/L											
Indeno(1,2,3-cd)pyrene	ug/L											
Naphthalene	ug/L											
Phenanthrene	ug/L											
Pyrene	ug/L											
Total PAHs (calculated)	ug/L											

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25	CB-25
Sample ID		Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25	Drain 25
Date		9/18/97	11/1/97	1/1/98	1/8/98	3/1/98	3/11/98	5/1/98	11/17/98	1/21/99	3/25/99	5/20/99
Conventionals	Units											
pH	PH	7.06	6.77	7.43	7.43	7.43	7.43	7.3	8.42	7.69	8.34	7.26
Total Suspended Solids	mg/L	260	152	62	62	676	676	268	128	372	2100	314
Phenols	Units											
2,4,6-Trichlorophenol	ug/L	50 U			5 U		5 U		0.5 U	1 U	5 U	0.5 U
Total Tetrachlorophenols	ug/L	50 U			7		6		9.7	8	5 U	0.5 U
Pentachlorophenol	ug/L	340	280	180	180	150	150	120	240	220	30	1.8
TPH	Units											
Oil and Grease	ug/L	5000 U	2500	5000	5000	2500	5000 U		5000 U	5000 U	5000 U	6000
Diesel Range Organics (DRO)	ug/L											
Residual Range Organics (RRO)	ug/L											
PAHs	Units											
Acenaphthene	ug/L	1 U			1 U		1 U		1 U	1 U	1 U	1 U
Acenaphthylene	ug/L	1 U			7 U		1 U		4 U	1 U	1 U	1 U
Anthracene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	ug/L	0.1 U			0.1 U		0.3 U		0.1 U	0.2 U	0.1 U	0.1 U
Benzo(b)fluoranthene	ug/L	0.2 U			0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	0.2 U			2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1 U	0.2	0.1 U
Chrysene	ug/L	0.1 U			0.1 U		0.4 U		0.2	0.1 U	0.8	0.1 U
Dibenz(a,h)anthracene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	ug/L	0.2 U			0.2 U		0.4 U		0.2 U	0.4 U	0.5 U	0.2 U
Fluorene	ug/L	0.2 U			0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	ug/L	1 U			1 U		1 U		1 U	1 U	1 U	1 U
Phenanthrene	ug/L	0.1 U			0.1 U		0.1 U		0.1 U	0.1	0.1 U	0.1 U
Pyrene	ug/L	0.2 U			0.2 U		3 U		0.2 U	0.2 U	0.7 U	0.2 U
Total PAHs (calculated)	ug/L	1 U			7 U		3 U		0.2	0.1	1	1 U

Table 6.1 Historical Surface Water Data from Conventionals, Phenols, PAHS, and TPH Analyses (Continued)

Station		CB-25	CB-25	CB-25	CB-25	CB-25	CB-26	CB-26	CB-26	CB-30
Sample ID		Drain 25	Drain 25	Drain 25	Drain #25	Drain #25-F	Drain 26-F	Drain #26	Drain #26-F	Drain #30
Date		10/13/99	3/28/00	4/25/00	11/27/00	11/27/00 filtered	10/12/00 filtered	11/27/00	11/27/00 filtered	3/19/01 field blank
Conventionals	Units									
pH	PH	7.74	7.27	6.89		6.75	7.01		6.74	
Total Suspended Solids	mg/L	587	2110	128	308	5 U	5 U	77	5 U	6
Phenols	Units									
2,4,6-Trichlorophenol	ug/L	1 U	5 U	0.5 U						
Total Tetrachlorophenols	ug/L	2.8	5.9	2.4						
Pentachlorophenol	ug/L	56	210	49		59	240		170	0.5 U
TPH	Units									
Oil and Grease	ug/L	5000 U	7000	5000 U			5000 U			
Diesel Range Organics (DRO)	ug/L									
Residual Range Organics (RRO)	ug/L									
PAHs	Units									
Acenaphthene	ug/L	1 U	1 U	1 U						
Acenaphthylene	ug/L	1 U	4.2 U	1 U						
Anthracene	ug/L	0.1 U	0.1 U	0.1 U						
Benzo(a)anthracene	ug/L	0.1 U	0.35	0.1 U						
Benzo(a)pyrene	ug/L	0.1 U	0.37	0.11						
Benzo(b)fluoranthene	ug/L	0.2 U	0.99	0.32						
Benzo(g,h,i)perylene	ug/L	0.2 U	0.67	0.2 U						
Benzo(k)fluoranthene	ug/L	0.1 U	0.11	0.1 U						
Chrysene	ug/L	0.2	2.6	0.54						
Dibenz(a,h)anthracene	ug/L	0.1 U	0.1 U	0.1 U						
Fluoranthene	ug/L	0.2 U	1.4	0.2 U						
Fluorene	ug/L	0.2 U	0.2 U	0.2 U						
Indeno(1,2,3-cd)pyrene	ug/L	0.1 U	0.21	0.1 U						
Naphthalene	ug/L	1 U	1 U	1 U						
Phenanthrene	ug/L	0.1 U	0.25	0.19						
Pyrene	ug/L	0.2 U	3.3 U	1.1						
Total PAHs (calculated)	ug/L	0.2	6.95	2.26						

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses

Station		CB-01-06	CB-01-06	CB-07-08	CB-07-08	CB-07-12	CB-07-12	CB-13
Sample ID		Drains 1-6	Drains 1-6	Drains 7-8	Drains 7-8	Drains 7-12	Drains 7-12	Drain 13-F
Date		10/12/2000	1/19/2001	10/1/2001	1/15/2002	10/12/2000	1/19/2001	10/12/2000 filtered
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	3.926 UJX	5.2 J	2.1 U	14.6	6.651	3.5 UJX	0.928 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	64.577	80.6	14.2 J	250	117.227	48.8	2.019 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	160.679	292	23.5 J	756	305.163	150	1.342 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	446.461	722	90.5	2050	850.492	489	5.267
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	340.559	648	70.1 J	1590	625.512	362	1.32 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	11589.573	26800 J	1950	57530 J	21015.967	15780	99.073
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	74775.829	127680 J	16130	135600 J	90187.554	113050 J	729.241
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	3.03 UJX	6.6 J	1.9 U	14.4	8.292	5.7 J	1.714 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	12.524 J	0.8 U	1.6 U	44.6	23.811 J	11.6 UJX	4.432 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.012 U	12.9 J	4 UJ	50	22.804	14.6 J	3.564 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1279.036 J	124	16.3 J	412	1228.467 J	95.4	4.801 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	26.895 U	65.7	14.1 J	290	86.856	57.4	11.692 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	34.293 U	1.1 U	2.5 U	2.1	16.826 UJX	1.9 U	5.442 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	26.286 U	142	25.4 J	557	119.573	111	4.587 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1964.25	2780	360	17390	3540.114	1940	48.379
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	141.11	256	20.2 J	907	183.101	119	4.724
Octachlorodibenzofuran (OCDF)	pg/L	8333.977	13660	742	47030 J	12617.527	6740	156.436
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	7.512	30.9	3.3 U	78.1	25.487	10.7	0.928 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	180.539	297	52.7	954	357.553	193	2.019 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	2672.251	4250	568	11540	5232.268	2930	17.94
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	19928.99	44630 J	3750	100640 J	37748.181	28600	169.01
Tetrachlorodibenzofurans (TCDF), Total	pg/L	52.44	85.4 J	30.2 UJX	258 J	120.448	98.5 JX	1.714 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	127.233	480 J	264 UJX	1970 J	313.447	504 JX	3.564 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	1625.237	3530 J	701 UJX	14230	3650.957	2640 JX	16.124
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2105.36	10710	965	47560	3723.216	6430	109.493
Dioxin (Total)	pg/L							
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	304.60721	311.696	33.8372	1041.95	592.54113	354.344	2.1370277

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-14		CB-13-14	CB-13-14	CB-13-14		CB-13-14	CB-13-14		CB-13-14	
Sample ID		Drain 14-F		Drains 13-14	Drains 13-14	Drain 30		Drains 13-14	Drains 13-14			
Date		10/12/2000		9/1/1997	9/18/1997	9/18/1997		1/1/1998	1/8/1998			
		filtered				Field dup						
Dioxins and furans	Units											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.566	U		2.4	U	64.3				2.4	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.752	U		17.8	U	1417.1				1011.3	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.77	U		21.3	U	3583.4				3822.1	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.832	U		18	U	8317.3				11648.5	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.206			20	U	9938.8				11663.8	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	37.624			29.2	U	154404.3				429315.8	
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	291.931			12.7	U	985885				4016164.2	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.752	U		7.4	U	50.7				7.4	U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.798	U		21.7	U	72.7				21.7	U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.673	U		13.5	U	171.4				13.5	U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.411	U		25.1	U	1316.2				1011.5	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	5.001	UJX		15.5	U	1851.7				2094.8	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.501	U		29.4	U	29.4	U			29.4	U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.392	U		13.4	U	2787.3				1863.1	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	13.206	UJX		13.3	U	35497.9				95637.7	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.544	U		21.2	U	2902.1				4181.8	
Octachlorodibenzofuran (OCDF)	pg/L	49.137			17.2	U	120244.1				544877.8	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.566	U		2.4	U	320.3				2.4	U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.752	U		17.8	U	3984.7				1794	
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	8.11			21.3	U	54914.2				78863.3	
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	65.312			29.2	U	287283.2				746103.5	
Tetrachlorodibenzofurans (TCDF), Total	pg/L	3.955			7.4	U	775.7				329.7	
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.673	U		21.7	U	12565.3				12177.4	
Hexachlorodibenzofurans (HxCDF), Total	pg/L	5.823			29.4	U	62807.4				99373.5	
Heptachlorodibenzofurans (HpCDF), Total	pg/L	33.122			21.2	U	151552.9				419940.5	
Dioxin (Total)	pg/L			6658					11172.5			
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0.7309468			0		6393.931				9969.1372	

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-13-14	CB-16	CB-16
Sample ID		Drain 30	Drains 13-14	Drains 13-14-F	Drains 13-14-F	Drains 13-14	Drain 16	Drain 16
Date		1/8/1998	6/24/1998	6/24/1998	6/24/1998	11/18/1998	10/12/2000	1/19/2001
		Field dup		filtered	filtered			
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2.4 U	110	7.1 J	3.7 U	2.4 U	0.933 U	8.9 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	763.3	1800	70	18 U	1376.9	45.624	91.9
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2718.4	4700	200	18 U	4615.3	117.914	254
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8651.9	11000	450	41 J	5717.9	228.791	567
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	8764	12000	450	35 J	7351.9	251.928	621
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	357390	310000	16000	1500	205823.2	4456.636	18490
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	1292467	2700000	150000	15000	1144070.5	36023.651	142640 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	7.4 U	36	3.4 U	3.5 U	7.4 U	0.949 U	7.4 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	21.7 U	150	8.8 U	8.4 U	118.9	1.537 U	9.1 UJX
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	13.5 U	220	9.8 U	4.3 U	132.3	4.365 UJX	16.5 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1707.4	2700 U	110	11 U	1184.5	48.5	137
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1797.1	17000 U	390 U	55 U	1298.2	297.139 J	86
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	29.4 U	52	1.5 U	4 U	29.4 U	3.623 U	3 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1613.3	3300	94	11 U	1159.5	35.432	218
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	74647.1	70000	3700	360	39733.9	1343.621	4120
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	7240.5	5000	280	33 J	3048.2	74.608	259
Octachlorodibenzofuran (OCDF)	pg/L	184839.8	360000	25000	3800	111305.2	6869.099	21620
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2.4 U	550	7.1	3.7 U	2.4 U	0.933 U	14.7
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1953.5	6000	140	18 U	2769.5	83.264	325
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	54700	61000	2600	190	60394	1455.407	3880
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	615500.6	490000	26000	2500	360713.2	7596.393	31620
Tetrachlorodibenzofurans (TCDF), Total	pg/L	383.1	1700	53	8.1	7.4 U	23.276	141 JX
Pentachlorodibenzofurans (PeCDF), Total	pg/L	7585.8	15000	460	32	8731.7	308.706	927 JX
Hexachlorodibenzofurans (HxCDF), Total	pg/L	86241.4	84000	3300	300	98164.8	1483.422	4880 JX
Heptachlorodibenzofurans (HpCDF), Total	pg/L	373356.9	250000	13000	1400	168022.6	4569.459	15970
Dioxin (Total)	pg/L							
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	7829.017	9292.3	417.7	20.48	6193.31557	176.91843	511.052

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-17	CB-18	CB-18	CB-19-21	CB-19-21	CB-22
Sample ID		Drain 17	Drain 18	Drain 18	Drains 19-21	Drains 19-21	Drain 22
Date		1/19/2001	10/12/2000	1/19/2001	10/12/2000	1/19/2001	10/12/2000
Dioxins and furans	Units						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	15.2	6.611 UJX	16	0.456 U	3.1 J	5.826
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	141	141.965	216	9.186	24.2 J	80.897
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	348	333.255	609	21.823	55.5	165.058
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	776	864.936	1450	47.785	146	411.937
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	798	773.185	1380	45.766	132	347.778
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	23750 J	14759.647	40130 J	1211.183	4180	8685.147
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	163340 J	112346.78	206010 J	10131.599	27500	52784.864
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	12.3	7.492	16.7	0.461 U	2.6 J	4.004
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.7 U	1.201 U	0.7 U	2.226 J	3.8 UJX	12.728 UJX
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	32.3 J	19.593	40.5 J	0.447 U	4.9 UJX	13.494
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	177	147.421	269	112.324 J	41.5 J	514.947 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	133	959.975 J	200	5.366	19.7 J	45.315
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	2.5 U	6.168 U	0.9 U	3.303 U	1.4 U	6.438 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	296	120.722	462	7.521 UJX	40.2 J	75.048
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	4370	3178.626	6850	246.861	556	1621.955
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	301	161.176	481	12.288 UJX	46.3 J	67.698
Octachlorodibenzofuran (OCDF)	pg/L	18600	10140.042	26880	880.573	1720	4399.063
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	54.8	22.973	97.9	0.456 U	6.9	19.182
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	521	401.876	867	12.096	83.6	260.362
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	5410	5242.371	9750	333.436	947	2911.93
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	42080 J	26113.35	71400 J	2236.862	7680	16288.47
Tetrachlorodibenzofurans (TCDF), Total	pg/L	243 JX	192.588	429 JX	8.362	11.4 JX	103.932
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1190 JX	1290.064	1830 JX	22.652	221 JX	251.013
Hexachlorodibenzofurans (HxCDF), Total	pg/L	6040 JX	4143.99	9120 JX	228.447	891 JX	1855.219
Heptachlorodibenzofurans (HpCDF), Total	pg/L	14540	9645.156	22770	246.861	1760	1689.653
Dioxin (Total)	pg/L						
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	458.8	569.7057722	746.668	36.9416572	83.632	307.85039

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-22	CB-23	CB-23	CB-23	CB-23	CB-23	CB-24
Sample ID		Drain 22	Drain 23	Drain 23	Drain 23	Drain 23	Drain 23-F	Drain 24
Date		1/19/2001	9/1/1997	9/18/1997	1/1/1998	1/8/1998	10/12/2000 filtered	9/1/1997
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	11		2.4 U		2.4 U	0.776 U	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	145		17.8 U		273	1.375 U	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	406		21.3 U		2773.7	0.792 U	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1080		18 U		4581.3	0.825 U	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	944		20 U		5147.4	0.783 U	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	30420 J		29.2 U		85674.4	24.52	
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	186050 J		12.7 U		394351	194.017	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	14.3		256.2		7.4 U	0.724 U	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.8 U		21.7 U		750.8	1.09 U	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	34.8 J		13.5 U		13.5 U	0.942 U	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	221		25.1 U		25.1 U	0.453 U	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	143		15.5 U		15.5 U	3.092 UJX	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.1 U		29.4 U		29.4 U	0.535 U	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	298		13.4 U		13.4 U	0.437 U	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	4690		13.3 U		16196.8	7.239 UJX	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	314		21.2 U		21.2 U	1.159 U	
Octachlorodibenzofuran (OCDF)	pg/L	18560		17.2 U		67842.8	31.355	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	73.8		2.4 U		2.4 U	0.776 U	
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	612		17.8 U		762.8	1.375 U	
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	6980		21.3 U		26006.1	0.825 U	
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	54650 J		29.2 U		190915.2	42.863	
Tetrachlorodibenzofurans (TCDF), Total	pg/L	251 JX		7.4 U		7.4 U	0.724 U	
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1400 JX		21.7 U		13301.3	0.942 U	
Hexachlorodibenzofurans (HxCDF), Total	pg/L	7130 JX		29.4 U		20654.6	7.146	
Heptachlorodibenzofurans (HpCDF), Total	pg/L	15990		21.2 U		89248.5	13.365	
Dioxin (Total)	pg/L		25.6		2905			33.6
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	518.526		25.62		2625.71138	0.2677372	

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-24	CB-24	CB-24	CB-24	CB-25	CB-25	CB-25
Sample ID		Drain 24	Drain 24	Drain 24	Drain 24-F	Drain 25	Drain 25	Drain 25
Date		9/18/1997	1/1/1998	1/8/1998	10/12/2000	######	9/18/1997	######
					filtered			
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2.4 U		29.6	0.875 U		46.1	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	17.8 U		681.7	1.125 U		870.4	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	21.3 U		3133.6	1.229 U		2414.1	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	18 U		14728.8	1.264 U		5712	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	20 U		13322.4	1.206 U		5185.8	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	1683.7		194781.3	35.058		115711.1	
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	13814		749444.9	308.484		634659.3	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	7.4 U		7.4 U	0.915 U		50.4	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	21.7 U		1289	1.09 U		74.8	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	13.5 U		13.5 U	0.964 U		161	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	25.1 U		25.1 U	0.561 U		867.5	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	15.5 U		15.5 U	3.758 UJ		650.9	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	29.4 U		29.4 U	0.653 U		29.4 U	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	13.4 U		13.4 U	0.565 U		1588.4	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	202		43499.2	12.452 UJ		16466.1	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	13.6 J		21.2 U	1.581 U		1631.6	
Octachlorodibenzofuran (OCDF)	pg/L	742		113183.7	54.817		66649.5	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2.4 U		229.7	0.875 U		196.3	
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	17.8 U		3111.2	1.125 U		2714.9	
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	21.3 U		60909.7	4.5		36206.8	
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2526.3		311186.5	62.588		214952.8	
Tetrachlorodibenzofurans (TCDF), Total	pg/L	7.4 U		7.4 U	0.915 U		457.5	
Pentachlorodibenzofurans (PeCDF), Total	pg/L	21.7 U		12580.4	0.964 U		8676	
Hexachlorodibenzofurans (HxCDF), Total	pg/L	29.4 U		64416.8	5.661		37607.8	
Heptachlorodibenzofurans (HpCDF), Total	pg/L	851.2		181922.2	20.591		86145.4	
Dioxin (Total)	pg/L		6799			4282		3887
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	20.3126		6363.29786	0.3869101		4055.869	

Table 6.2 Historical Surface Water Data for Dioxin/Furan Analyses (Continued)

Station		CB-25		CB-25		CB-25		CB-26	
Sample ID		Drain 25		Drain 25		Drain 25-F		Drain 26-F	
Date		1/8/1998		6/24/1998		6/24/1998 filtered		10/12/2000 filtered	
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2.4	U	5.4	U	3.5	U	1.366	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	360.2		40	U	8.5	U	1.666	U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1190.9		75		5	U	1.871	U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	7132.2		180		7.6	U	1.964	U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	7262.1		150		7	U	1.856	U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	106341.8		5300		25	UJB	44.009	
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	478616.5		46000		110	UJB	347.247	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	7.4	U	4.1	U	3.5	U	1.391	U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	21.7	U	4.5	U	5.3	U	1.661	U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	13.5	U	4.5	U	6.5	U	1.404	U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2812.7		40	J	5.1	U	0.965	U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	15.5	U	290	U	4.5	U	8.66	J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	29.4	U	1.8	U	7.7	U	1.133	U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	13.4	U	41	J	7.1	U	0.94	U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	21380.1		930		9.7	U	11.345	UJX
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4650.6		67		6.9	U	1.711	U
Octachlorodibenzofuran (OCDF)	pg/L	64550.4		4800		19	U	44.626	
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2.4	U	5.4	U	3.5	U	1.366	U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1226.6		40	U	8.5	U	1.666	U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	39898		1100		7.6	U	1.964	U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	186942.2		9300		25	UJB	82.344	
Tetrachlorodibenzofurans (TCDF), Total	pg/L	313.7		14		3.5	U	1.391	U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	4294.6		210		6.5	U	1.404	U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	25303.6		1000		7.7	U	10.706	
Heptachlorodibenzofurans (HpCDF), Total	pg/L	82518.4		2600		9.7	U	22.809	
Dioxin (Total)	pg/L								
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	3578.032		108.55		0		0.4792773	

Table 7.1 Lysimeter Porewater Data

Station		L-1	L-1	L-1	L-1	L-1	L-1	L-1	L-1
Sample ID		L-1	L-1	L-1	L-1	L-1	L-1	L-1	L-1
Date		01/16/01	03/28/01	05/22/01	10/01/01	12/17/01	02/11/02	04/10/02	10/21/02
Conventionals	Units								
pH	pH								
Total Solids	%								
TPH	Units								
Diesel Range Organics	ug/L		530	390 J	400 U	420 U	250 U	270 Y	45 U
Residual Range Organics	ug/L		960 U	770 UJ	800 U	840 U	500 U	500 U	500 U
Metals	Units								
Copper	mg/L								
Phenols	Units								
2,3,4,5-Tetrachlorophenol	ug/L			0.5 UJ					
2,3,5,6-Tetrachlorophenol	ug/L			0.5 UJ					
Total Tetrachlorophenols	ug/L		1.5 U						
Pentachlorophenol	ug/L	27 J	0.5 U	0.5 UJ	0.5 U	0.49 J	0.2 U	0.22 Ui	0.06 U
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	2 U	1 U	9.4 UJ	0.5 U	1.6 U	1.6 U	6.3	1.632 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	2.3 U	1.2 U	11.1 UJ	1.1 J	1.6 U	1.7 U	8.3	1.933 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.4 U	0.6 U	12.2 UJ	0.8 U	1.7 U	2.2 U	9.3 J	1.596 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	2.3 U	0.7 U	12.3 UJ	1.4 U	1.8 U	2.2 U	8.8	1.779 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	7.3 J	0.9 U	11.7 UJ	2.1 J	1.7 U	2 U	8.9	1.652 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	9.5 UJBX	11.4 J	16.7 UJ	5.9 J	3.2 UJ	4.4 UJ	9 J	2.667 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	54.2 UJB	76.5 J	24.3 UJ	31.6 J	34.1 UJ	45.9 J	21.1 UJ	4.096 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.2 U	7.8 J	6.7 UJ	1.9 U	1.3 U	1.3 U	4.5	1.993 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	4.1 J	0.8 U	7.4 UJ	0.5 U	1.3 U	1.1 U	7.3	1.488 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.5 U	0.6 U	6.5 UJ	0.4 U	1 U	0.9 U	4.5	1.199 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	3.4 J	1.9 UJB	7.5 UJ	1.6 J	1.1 U	1.4 U	1.9 UJ	1.178 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.1 U	0.4 U	7.2 UJ	1.3 J	1.1 U	1.8 U	5.5	1.188 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	7.6 J	0.5 U	8.9 UJ	1.5 U	1.5 U	2.1 U	8.7	1.559 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.3 U	1.8 UJB	8.6 UJ	1 U	1.2 U	1.9 UJ	5.8	1.28 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.6 U	2.8 U	10.6 UJ	2.1 J	1.5 U	2.2 U	6.9 J	1.775 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	2.2 U	0.7 U	11.6 UJ	0.8 U	1.8 U	3.3 U	8.2	2.816 U
Octachlorodibenzofuran (OCDF)	pg/L	16.8 J	13.3 J	19.2 UJ	6.2 J	4.9 UJ	6.4 U	5.8 UJ	21.659 UJ
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	2 U	1 U	9.4 UJ	34.4 UJ	5 U	1.6 U	6.3	1.632 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	2.3 UJX	2.9 U	11.1 UJ	1.1 J	8.3 U	3.9 U	8.3	1.933 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	7.3	11.7 U	12.1 UJ	2.1 J	8.4 U	5.1	8.8	1.779 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	9.5 UJX	18.7 J	16.7 UJ	11 J	5.9	4.4	9	2.667 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	1.2 U	60.2 J	6.7 UJ	11 UJ	1.3 U	3	4.5	1.993 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	4.1	12.7 J	7 UJ	0.5 U	1.2 U	1 U	4.5	1.199 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	11	6.1 UJB	8 UJ	3.6 J	1.2 U	1.9	1.9	1.188 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.9 U	6.8 J	24.9 UJ	5.4 J	3.1 U	4.4 U	6.9	1.775 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0	0	21.517	0

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-1	L-1	L-1	L-1	L-1	L-1	L-1	L-1
Sample ID		L-1	L-1	L-1	LYSIMETER-1	L-1	L-1	LYS-1	L-1
Date		12/16/02	02/05/03	04/11/03	04/30/03	09/02/03	11/06/03	01/20/04	03/16/04
Conventionals	Units								
pH	pH							6.7	5
Total Solids	%								
TPH	Units								
Diesel Range Organics	ug/L	45 U	46 U	36 U		55 U	72 U	37 U	60 U
Residual Range Organics	ug/L	500 U	31 U	54 U		82 U	110 U	55 U	90 U
Metals	Units								
Copper	mg/L					0.0002 U	0.0002 U	0.0002 U	0.0009 U
Phenols	Units								
2,3,4,5-Tetrachlorophenol	ug/L								
2,3,5,6-Tetrachlorophenol	ug/L								
Total Tetrachlorophenols	ug/L								
Pentachlorophenol	ug/L	0.5 Ui	0.5 U	0.5 U		0.12 U	0.12 U	0.12 U	0.095 UJ
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	3.002 U	0.535 U		1.033 U	1.789 U	3.825 U	1.346 U	1.587 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	3.501 U	0.824 U		1.319 U	1.637 U	3.436 U	1.32 U	1.013 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.605 U	0.963 U		1.349 U	1.842 U	3.068 U	1.359 U	1.305 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.81 U	1.146 U		1.562 U	2.239 U	24.526 J	1.663 U	1.582 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	3.622 U	1.03 U		1.424 U	1.886 U	6.404 UJ	1.475 U	1.409 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	5.282 U	1.523 U		2.571 U	2.806 U	932.658	3.82 J	1.663 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	8.601 U	29.274 UJ		4.327 U	13.789 UJ	3354.235 B	34.999 UJ	8.498 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	3.006 U	0.921 U		1.218 U	1.493 U	4.434 U	0.908 U	1.165 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	2.424 U	0.673 U		0.997 U	1.371 U	3.06 U	0.843 U	1.017 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	2.073 U	0.604 U		0.987 U	1.37 U	3.092 U	0.795 U	1.039 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.11 U	0.641 U		0.924 U	1.315 U	1.974 U	0.892 U	0.691 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.225 U	0.674 U		0.915 U	1.265 U	2.084 U	1.007 U	0.757 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	2.873 U	0.857 U		1.25 U	1.621 U	2.55 U	1.124 U	0.758 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	2.394 U	0.718 U		1.01 U	1.316 U	2.258 U	0.921 U	0.76 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2.854 U	1.045 U		1.536 U	1.681 U	43.975 J	1.012 U	1.592 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	4.697 U	1.734 U		2.465 U	2.243 U	5.78 J	1.393 U	2.2 U
Octachlorodibenzofuran (OCDF)	pg/L	10.962 U	3.654 U		5.498 U	4.046 U	421.895	4.864 J	4.056 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	3.002 U	0.535 U		1.033 U	1.789 U	3.825 U	1.346 U	1.587 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	3.501 U	0.824 U		1.319 U	1.637 U	3.436 U	1.32 U	1.013 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	3.81 U	1.146 U		1.562 U	2.239 U	121.467	1.663 U	1.582 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	5.282 U	1.523 U		2.571 U	2.806 U	1495.892	3.82	1.663 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	3.006 U	0.921 U		2.278	1.493 U	4.434 U	0.908 U	1.165 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	2.073 U	0.604 U		0.987 U	1.37 U	3.092 U	0.795 U	1.039 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	2.225 U	0.674 U		0.915 U	1.265 U	30.46	1.007 U	0.757 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.854 U	1.045 U		1.536 U	1.681 U	287.847	1.012 U	1.592 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0		0	0	9.704193	0	0

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-1	L-1	L-1	L-1	L-2	L-2	L-2	L-2
Sample ID		L-1	L-1	L-1	L-1	L-2	L-2	L-2	L-2
Date		05/04/04	09/20/04	11/18/04	1/6/05	01/16/01	03/28/01	05/22/01	10/01/01
Conventionals	Units								
pH	pH	6.14	7	6.62					
Total Solids	%								
TPH	Units								
Diesel Range Organics	ug/L	80 U	52 U	66 U	32 UJ		370 U	480 UJ	490 U
Residual Range Organics	ug/L	120 U	78 U	99 U	47 UJ		740 U	960 UJ	970 U
Metals	Units								
Copper	mg/L	0.0002 U	0.0008 B	0.0003 U	0.0006 U				
Phenols	Units								
2,3,4,5-Tetrachlorophenol	ug/L							0.5 UJ	
2,3,5,6-Tetrachlorophenol	ug/L							0.5 UJ	
Total Tetrachlorophenols	ug/L						1.5 U		
Pentachlorophenol	ug/L	0.095 UJ	0.095 U	0.095 U	0.095 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.672 U	0.155 U	0.36 U	0.247 UJ	1.5 U	2.9 UJB	1.6 UJ	0.5 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.852 U	0.177 U	0.307 U	0.374 UJ	2 U	1.3 U	3.5 UJ	0.5 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.19 U	0.621 U	0.224 U	0.285 UJ	1.5 U	0.9 U	3.3 UJ	0.7 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.381 U	0.658 U	0.242 U	0.324 UJ	1.4 U	0.7 U	2.6 UJ	0.7 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.257 U	0.586 U	0.46 UJ	0.28 UJ	1.5 U	0.6 U	2.4 UJ	0.84 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	0.861 U	1.842 UJ	1.625 UJ	1.541 UJ	7.5 UJB	3.1 U	5 UJ	4.8 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	6.155 UJ	12.264 UJ	15.647 UJ	13.902 UJ	74.9 J	27.2 UJB	17.6 J	33.6 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.397 U	0.859 U	0.565 U	0.433 UJ	1 UJ	0.7 U	1.3 UJ	0.4 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.558 U	0.252 U	0.326 UJ	0.216 UJ	1.4 UJ	0.9 U	3.2 UJ	0.5 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.558 U	0.265 U	0.168 U	0.208 UJ	1.4 UJ	0.7 U	2.9 J	0.4 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.611 U	0.38 U	0.702 UJ	0.529 J	2.1 J	1.9 UJB	3.3 UJ	0.8 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.687 U	0.423 U	0.41 UJ	0.186 UJ	1 UJ	0.5 U	2.6 J	0.38 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.785 UJ	0.473 U	0.197 U	0.188 UJ	1.4 UJ	0.5 U	2 UJ	0.6 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.615 U	0.432 U	0.174 U	0.168 UJ	1.1 UJ	0.3 U	2.8 J	0.43 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.091 U	0.591 U	0.8 UJ	0.32 UJ	1.4 UJ	0.6 U	2.6 UJ	1.5 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.604 U	0.801 U	0.293 U	0.203 UJ	1.9 UJ	0.5 U	2.3 UJ	0.7 U
Octachlorodibenzofuran (OCDF)	pg/L	1.443 U	0.642 U	4.566 UJ	1.86 UJ	18.5 UJX	5.9 J	2.3 UJ	6.8 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.672 U	0.155 U	0.36 U	0.247 U	1.9 UJX	2.9 UJB	2.3 UJ	21.2 UJ
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.852 U	0.177 U	0.307 U	0.374 U	2 U	6.1 U	3.5 UJ	0.5 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.381 U	0.621 U	0.46 U	0.285 U	8.9 UJX	8.4 U	5.9 UJ	0.84 J
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	0.861 U	1.842 U	0.112 U	0.242 U	13.8	3.1 U	8.9 UJ	8.1 J
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.397 U	0.859 U	0.565 U	0.433 U	1 U	0.7 U	1.3 UJ	10.7
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.558 U	0.265 U	0.168 U	0.208 U	1.4 U	6.7 UJX	2.9 J	0.4 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.687 U	0.38 U	0.41 U	0.529	2.1	5.9 UJBX	5.4 J	2 J
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.091 U	0.591 U	0.812	0.158 U	13 UJX	0.5 U	2.6 UJ	4.6 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0	0	0	0

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-2	L-2	L-2	L-2	L-2	L-2	L-2	L-2
Sample ID		L-2	L-2	L-2	L-2	L-2	L-2	LYSIMETER-2	L-2
Date		######	02/11/02	10/21/02	12/16/02	02/05/03	04/11/03	04/30/03	11/06/03
Conventionals	Units								
pH	pH								
Total Solids	%								
TPH	Units								
Diesel Range Organics	ug/L	470 U	280 U	45 U	45 U	57 U	36 U		72 U
Residual Range Organics	ug/L	930 U	560 U	30 U	500 U	38 U	54 U		110 U
Metals	Units								
Copper	mg/L								0.0021
Phenols	Units								
2,3,4,5-Tetrachlorophenol	ug/L								
2,3,5,6-Tetrachlorophenol	ug/L								
Total Tetrachlorophenols	ug/L								
Pentachlorophenol	ug/L	0.2 UJ	0.2 U	0.069 J	0.5 Ui	0.5 U	0.5 U		0.12 U
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.5 U	5.2 U	2.683 U	4.618 U	0.691 U		1.416 U	3.623 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.4 U	4.4 U	2.942 U	5.102 U	0.861 U		1.595 U	2.606 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	4.7 UJ	6 U	2.763 U	5.047 U	1.13 U		1.873 U	1.942 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.7 U	5.7 U	2.948 U	5.634 U	1.362 U		2.191 U	2.342 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.6 U	5.4 U	2.796 U	5.227 U	1.217 U		1.987 U	1.982 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	5.7 UJ	8.7 U	3.754 U	8.352 U	6.881 J		9.811 UJ	56.46 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	59 JB	24.2 UJ	31.742 UJ	52.452 J	203.606 B		111.985 UJ	337.118 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	1.4 U	4.3 U	2.343 U	4.54 U	1.041 U		1.25 U	2.893 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.2 U	3.5 U	2.393 U	3.895 U	0.664 U		1.593 U	1.901 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1 U	2.7 U	1.955 U	3.16 U	0.735 U		1.518 U	1.984 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.2 J	3.8 U	2.4 U	2.402 U	0.711 U		1.146 U	1.695 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1 U	4.2 U	2.429 U	2.379 U	0.72 U		1.158 U	1.656 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.4 U	5.4 U	3.303 U	3.205 U	0.964 U		1.534 U	1.862 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1 U	3.8 U	2.601 U	2.657 U	0.82 U		1.204 U	1.735 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	2 UJ	5.5 U	3.213 U	4.66 U	1.164 U		2.278 U	2.476 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.7 U	6.8 U	4.957 U	7.993 U	1.974 U		3.798 U	3.195 U
Octachlorodibenzofuran (OCDF)	pg/L	10.7 UJ	6.7 U	31.388 UJ	17.216 U	4.48 U		33.969 UJ	35.902 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.5 U	5.2 U	2.683 U	4.618 U	0.691 U		1.416 U	3.623 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	6.8 U	4.4 U	2.942 U	5.102 U	0.861 U		1.595 U	2.606 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	13.1 U	5.7 U	2.948 U	5.634 U	1.362 U		2.191 U	2.342 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	5.7	12.5 U	3.754 U	8.352 U	22.481		10.399	100.265
Tetrachlorodibenzofurans (TCDF), Total	pg/L	3.2 U	4.3 U	2.343 U	4.54 U	1.041 U		1.25 U	2.893 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	2.2 U	3 U	1.955 U	3.16 U	0.735 U		1.518 U	1.984 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	3.1	4.2 U	2.4 U	2.379 U	0.72 U		1.158 U	1.656 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	4.6	6 U	3.213 U	4.66 U	1.164 U		13.133	14.635
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0.02036		0	0.03371

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-2	L-2	L-2	L-2	L-2	L-2	L-3	L-3
Sample ID		LYS-2	L-2	L-2	L-2	L-2	L-2	L-3	L-3
Date		01/20/04	03/16/04	05/04/04	09/20/04	11/18/04	1/6/05	01/16/01	03/28/01
Conventionals	Units								
pH	pH	6.52	5	6.44	7	6.52			
Total Solids	%								
TPH	Units								
Diesel Range Organics	ug/L	64 U	59 U	72 U	55 U	60 U	32 UJ		510 U
Residual Range Organics	ug/L	95 U	88 U	110 U	82 U	90 U	47 UJ		1000 U
Metals	Units								
Copper	mg/L	0.0009 B	0.0009 U	0.0009 B	0.0008 B	0.0007 B	0.0009 U		
Phenols	Units								
2,3,4,5-Tetrachlorophenol	ug/L								
2,3,5,6-Tetrachlorophenol	ug/L								
Total Tetrachlorophenols	ug/L								1.5 U
Pentachlorophenol	ug/L	0.12 U	0.095 UJ	0.095 UJ	0.095 U	0.095 U	0.16 J	0.5 UJ	0.5 U
Dioxins and furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	1.445 U	2.169 U	0.865 U	0.405 U	0.358 U	0.428 UJ	2 U	2.4 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	1.403 U	2.059 U	0.877 U	0.568 U	0.446 U	0.558 UJ	2.1 U	4.2 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.351 U	2.108 U	0.81 U	0.652 U	0.271 U	0.394 UJ	2.1 U	2.8 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.659 U	2.545 U	0.921 U	0.674 U	0.302 U	0.426 UJ	1.9 U	2.8 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.47 U	2.272 U	0.847 U	0.607 U	0.511 UJ	0.376 UJ	2.1 U	4 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	3.54 J	4.045 J	2.588 J	3.667 UJ	3.967 UJ	5.241 UJ	3.2 U	8.4 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	21.456 UJ	24.926 J	14.254 UJ	19.322 UJ	23.265 UJ	31.759 UJ	40.3 UJB	37 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.941 U	1.746 U	0.49 U	0.699 U	0.615 U	0.706 UJ	1.2 U	2.9 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.974 U	1.524 U	0.63 U	0.232 U	0.23 U	0.498 UJ	1.5 U	9.1 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	1.01 UJ	1.525 U	0.615 U	0.244 U	0.252 U	0.487 UJ	1.5 U	4.1 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.217 UJ	1.291 U	0.68 U	0.426 U	0.797 UJ	0.599 UJ	1.9 J	3.3 UJB
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.2 J	1.432 U	0.764 U	0.455 U	0.194 U	0.413 UJ	1 U	2.8 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	1.058 U	1.477 U	0.871 UJ	0.512 U	0.219 U	0.446 UJ	1.5 U	5 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.465 J	1.355 U	0.748 U	0.48 U	0.196 U	0.368 UJ	1.2 U	2.7 UJB
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.141 U	2.258 U	1.205 U	0.523 U	0.944 UJ	0.751 UJ	1.4 U	4.1 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.574 U	3.115 U	1.56 U	0.66 U	0.247 U	0.391 UJ	1.9 U	3.6 J
Octachlorodibenzofuran (OCDF)	pg/L	2.806 U	13.671 J	2.13 U	0.867 U	4.952 UJ	2.693 UJ	7.4 UJX	13.9 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	1.445 U	2.169 U	0.865 U	0.405 U	0.358 U	0.428 U	2 U	2.4 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	1.403 U	2.059 U	0.877 U	0.568 U	0.446 U	0.558 U	2.1 U	4.2 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.659 U	2.545 U	0.921 U	0.652 U	0.53	0.394 U	2 U	9.6
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	3.54	4.045	2.588	16.729	7.448	15.957	3.2 U	2.4
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.941 U	1.746 U	0.49 U	0.699 U	0.615 U	0.706 U	1.2 U	2.9
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.86 U	1.525 U	0.615 U	0.244 U	0.252 U	0.487 U	1.5 U	13.2
Hexachlorodibenzofurans (HxCDF), Total	pg/L	2.665	1.432 U	0.764 U	0.426 U	0.797 U	0.383 U	1.9	11 UJB
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.141 U	2.258 U	1.205 U	0.523 U	2.031	2.307	1.6 U	10.1
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0	0	0	0

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-3	L-3	L-3	L-3	L-3	L-3	L-3	L-3	L-3
Sample ID		L-3	L-3	L-3	L-3	L-3A	L-3	L-3A	L-3	L-3
Date		05/22/01	10/01/01	12/17/01	02/11/02	02/11/02 Field blank	04/10/02	04/10/02 Field blank	10/21/02	12/16/02
Conventionals	Units									
pH	pH									
Total Solids	%									
TPH	Units									
Diesel Range Organics	ug/L	450 UJ	450 U	450 U	280 U	250 U	250 U	250 U	45 U	45 U
Residual Range Organics	ug/L	890 UJ	900 U	900 U	560 U	500 U	500 U	500 U	30 U	500 U
Metals	Units									
Copper	mg/L									
Phenols	Units									
2,3,4,5-Tetrachlorophenol	ug/L	0.5 UJ								
2,3,5,6-Tetrachlorophenol	ug/L	0.5 UJ								
Total Tetrachlorophenols	ug/L									
Pentachlorophenol	ug/L	0.5 UJ	0.52 UJ	0.31 J	0.2 U	0.2 U	0.2 U	0.2 U	0.06 U	13
Dioxins and furans	Units									
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.5 UJ	0.7 U	21.1 R	2.6 U	1 U	6.3		1.95 U	2.238 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.5 UJ	0.8 U	23.1 R	2.7 U	1.1 U	8.3		2.996 U	1.955 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.7 UJ	0.9 U	20.7 R	3.5 U	4.1 U	9.3		2.689 U	2.019 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.7 UJ	0.85 J	22 R	3.6 U	1.5 U	8.8		2.869 U	2.242 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.7 UJ	0.9 U	21.3 R	3.3 U	1.4 U	8.9		2.723 U	2.085 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	3.7 UJ	7 J	27.5 R	6.1 U	2.6 U	8.7 J		3.288 U	2.96 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	21.5 J	72.4 J	435 R	54.4 J	5.3 J	116 B		56.513 UJ	21.642 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.3 UJ	1.1 U	15.7 R	2.2 U	0.9 U	4.5		2.758 U	2.807 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.3 UJ	2.4 J	17.6 R	1.9 U	0.8 U	7.3		2.799 U	1.803 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.3 UJ	0.4 U	14.5 R	1.5 U	0.7 U	4.5		2.337 U	1.551 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	1.4 UJ	0.77 J	13.3 R	3.3 U	1.6 UJ	8.2 J		2.049 U	1.68 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.7 UJ	0.7 U	13.6 R	2.7 U	1 U	5.5		2.124 U	1.7 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.6 UJ	0.8 U	20.7 R	3.3 U	1.4 U	8.7		2.671 U	1.988 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.76 J	0.6 U	13.6 R	2.4 U	1 U	5.8		2.171 U	1.867 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	0.6 UJ	2.7 U	18.4 R	3.6 U	1.4 U	6.9		2.723 U	2.13 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	0.8 UJ	0.9 U	22.4 R	5.4 U	1.9 U	8.2		4.235 U	3.717 U
Octachlorodibenzofuran (OCDF)	pg/L	4.6 J	12 J	83.2 R	10.6 J	2.1 U	18.9 UJ		61.118 UJ	7.215 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.5 UJ	3.4 UJ	21.1 R	2.6 U	3.6 U	6.3		1.95 U	2.238 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.5 UJ	0.8 U	23.1 R	6.2 U	3.8	8.3		2.996 U	1.955 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	8.1 UJ	0.85 J	21.3 R	8.5	11.8 U	8.8		2.869 U	2.242 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2.4 J	11.6 J	27.5 R	6.1 U	2.6 U	15.8		3.288 U	2.96 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.9 UJ	6 U	15.9 R	4.3 U	0.9 U	4.5		2.758 U	2.807 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	1.3 UJX	2.4 J	15.9 R	1.7 U	0.7 U	4.5		2.337 U	1.551 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	2.9 J	3.8 J	14.7 R	3.3 U	1.6	5.5		2.049 U	1.7 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.9 J	6.4 J	20.1 R	4.2 U	1.6 U	5.3		2.723 U	2.13 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0	22.5276		0	0

Table 7.1 Lysimeter Porewater Data (Continued)

Station		L-3	L-3	L-3	L-3	L-3	L-3	L-3
Sample ID		L-3	L-3	LYSIMETER-3	L-3A	L-3	LYS-3	L-3
Date		02/05/03	04/11/03	04/30/03	09/02/03 Field blank	11/06/03	01/20/04	03/16/04
Conventionals	Units							
pH	pH						7.1	5.5
Total Solids	%							
TPH	Units							
Diesel Range Organics	ug/L	46 U	36 U		52 U	72 U	41 U	43 U
Residual Range Organics	ug/L	31 U	54 U		78 U	110 U	62 U	64 U
Metals	Units							
Copper	mg/L				0.0002 U	0.0002 U	0.0002 U	0.0009 U
Phenols	Units							
2,3,4,5-Tetrachlorophenol	ug/L							
2,3,5,6-Tetrachlorophenol	ug/L							
Total Tetrachlorophenols	ug/L							
Pentachlorophenol	ug/L	0.5 U	0.5 U		0.78	0.15 J	0.12 U	0.095 UJ
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.569 U		0.885 U	1.767 U	3.051 U	1.503 U	1.886 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.679 U		1.072 U	1.122 U	2.359 U	1.42 U	1.203 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.878 U		1.212 U	1.53 U	2.186 U	1.176 U	1.421 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.074 U		1.419 U	1.657 U	2.581 U	1.413 U	1.694 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	0.953 U		1.286 U	1.478 U	2.207 U	1.265 U	1.522 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	1.636 U		1.898 U	2.07 U	18.603 J	2.476 U	1.81 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	26.357 UJ		15.161 UJ	6.379 UJ	162.14 B	10.88 UJ	10.443 UJ
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.616 U		1.03 U	1.475 U	3.079 U	0.679 U	1.126 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.606 U		0.818 U	1.111 U	1.849 U	1.043 U	1.064 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.566 U		0.814 U	1.097 U	1.94 U	0.935 U	1.041 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.461 U		0.585 U	0.935 U	1.736 U	0.768 U	0.974 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.466 U		0.598 U	0.929 U	1.758 U	0.886 U	1.136 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.628 U		0.801 U	1.163 U	1.936 U	1.004 U	1.115 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.523 U		0.64 U	0.972 U	1.892 U	0.82 U	1.099 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.144 U		1.321 U	1.324 U	2.413 U	1.045 U	1.851 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	2.067 U		2.135 U	1.84 U	3.061 U	1.443 U	2.55 U
Octachlorodibenzofuran (OCDF)	pg/L	3.672 U		5.506 U	2.595 U	16.654 J	2.72 U	3.103 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.569 U		0.885 U	1.767 U	3.051 U	1.503 U	1.886 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.679 U		1.072 U	1.122 U	2.359 U	1.42 U	1.203 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.074 U		1.419 U	1.657 U	2.581 U	1.413 U	1.694 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	1.636 U		1.898 U	2.07 U	18.603	2.476 U	1.81 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.616 U		1.03 U	1.475 U	3.079 U	0.679 U	1.126 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.566 U		0.814 U	1.097 U	1.94 U	0.935 U	1.041 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.466 U		0.598 U	0.929 U	1.758 U	0.886 U	1.136 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L	1.144 U		1.321 U	1.324 U	6.986	1.045 U	1.851 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0		0	0	0.016214	0	0

Table 7. 1 Lysimeter Porewater Data (Continued)

Station		L-3	L-3	L-3	L-3	L-4	L-4	L-4
Sample ID		L-3	L-3	L-3	L-3	L-4	L-4	LYSIMETER-4
Date		05/04/04	09/20/04	11/18/04	1/6/05	02/05/03	04/11/03	04/30/03
Conventionals	Units							
pH	pH	6.62	6.55	6.5				
Total Solids	%							
TPH	Units							
Diesel Range Organics	ug/L	72 U	37 U	60 U	48 UJ	46 U	36 U	
Residual Range Organics	ug/L	110 U	56 U	90 U	70 UJ	31 U	54 U	
Metals	Units							
Copper	mg/L	0.0002 U	0.0003 U	0.0003 U	0.0004 U		1.3	
Phenols	Units							
2,3,4,5-Tetrachlorophenol	ug/L							
2,3,5,6-Tetrachlorophenol	ug/L							
Total Tetrachlorophenols	ug/L							
Pentachlorophenol	ug/L	0.095 UJ	0.095 U	0.095 U	0.095 UJ	0.18 J		
Dioxins and furans	Units							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	0.731 U	0.1 U	0.388 U	0.268 UJ	0.61 U		1.778 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L	0.684 U	0.213 U	0.306 U	0.494 UJ	0.601 U		2.137 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.153 U	0.234 U	0.219 U	0.377 UJ	0.834 U		2.775 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.277 U	0.239 U	0.232 U	0.416 UJ	1.022 U		3.146 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L	1.188 U	0.215 U	0.207 U	0.364 UJ	0.905 U		2.897 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L	2.288 J	3.076 UJ	1.875 UJ	2.862 UJ	1.113 U		10.457 J
Octachlorodibenzo-p-dioxin (OCDD)	pg/L	22.89 UJ	26.418 UJ	14.076 UJ	24.43 UJ	10.307 UJ		70.013 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L	0.392 U	0.284 U	0.534 U	0.567 UJ	0.746 U		2.641 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.577 U	0.211 U	0.256 U	0.29 UJ	0.591 U		2.085 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L	0.548 U	0.132 U	0.292 U	0.287 UJ	0.516 U		1.985 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.589 U	0.179 U	0.562 UJ	0.654 J	0.574 U		6.346 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.686 U	0.191 U	0.19 U	0.241 UJ	0.585 U		1.683 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/L	0.781 UJ	0.21 U	0.208 U	0.25 UJ	0.776 U		2.454 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L	0.663 U	0.192 U	0.173 U	0.222 UJ	0.657 U		1.938 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L	1.083 U	0.678 UJ	0.394 UJ	0.831 UJ	1.04 U		10.898 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L	1.502 U	0.369 U	0.277 U	0.267 UJ	1.76 U		4.247 R
Octachlorodibenzofuran (OCDF)	pg/L	4.024 UJ	5.431 J	2.023 UJ	4.879 UJ	3.872 U		20.251 J
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L	0.731 U	0.1 U	0.388 U	0.268 U	0.61 U		1.778 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L	0.684 U	0.213 U	0.306 U	0.494 U	0.601 U		2.137 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L	1.277 U	0.234 U	0.219 U	0.377 U	0.905 U		3.146 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L	2.288	1.95	1.875 U	5.365	1.113 U		22.91
Tetrachlorodibenzofurans (TCDF), Total	pg/L	0.392 U	0.284 U	0.534 U	0.567 U	0.746 U		2.641 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L	0.548 U	0.132 U	0.292 U	0.287 U	0.516 U		1.985 U
Hexachlorodibenzofurans (HxCDF), Total	pg/L	0.686 U	0.179 U	0.151 U	0.654	0.574 U		12.063
Heptachlorodibenzofurans (HpCDF), Total	pg/L	2.02	0.285 U	0.394 U	2.746	1.04 U		10.898
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L	0	0	0	0	0		0

Table 8.1 Residential Well Data

Station	Sample	Type	Date	2,3,4,5-Tetrachlorophenol ug/L	2,3,5,6-Tetrachlorophenol ug/L	Pentachlorophenol ug/L
10Q01	10Q01		6/26/2001	0.5 U	0.5 U	0.5 U
10Q01	10Q01		1/14/2002	0.4 U	0.4 U	0.2 U
10Q01	10Q01		7/16/2002	0.4 U	0.4 U	0.2 U
10Q02	10Q02		6/26/2001	0.5 U	0.5 U	0.5 U
10Q02	10Q02		1/14/2002	0.4 U	0.4 U	0.2 U
10Q02	10Q02		7/16/2002	0.4 U	0.4 U	0.2 U
10Q03	10Q03		6/26/2001	0.5 U	0.5 U	0.5 U
10Q03	10Q03		1/14/2002	0.4 U	0.4 U	0.2 U
10Q03	10Q03		7/16/2002	0.4 U	0.4 U	0.2 U
10Q04	10Q04		6/26/2001	0.5 U	0.5 U	0.5 U
10Q04	10Q04		1/14/2002	0.4 U	0.4 U	0.2 U
10Q04	10QAA	Dup	1/14/2002	0.4 U	0.4 U	0.2 U
10Q04	10Q04		7/16/2002	0.4 U	0.4 U	0.2 U
10Q05	10Q05		6/26/2001	0.5 U	0.5 U	0.5 U
10Q05	10Q05		1/15/2002	0.4 U	0.4 U	0.2 U
10Q05	10Q05		7/16/2002	0.4 U	0.4 U	0.2 U
10Q06	10Q06		6/26/2001	0.5 U	0.5 U	0.5 U
10Q06	10QXX		6/26/2001	0.5 U	0.5 U	0.5 U
10Q06	10Q06		1/14/2002	0.4 U	0.4 U	0.2 U
10Q06	10Q06		7/16/2002	0.4 U	0.4 U	0.2 U
10Q07	10Q07		6/26/2001	0.6 U	0.5 U	0.5 U
10Q07	10Q07		1/14/2002	0.4 U	0.4 U	0.2 U
10Q07	10Q07		7/16/2002	0.4 U	0.4 U	0.2 U
10Q08	10Q08		6/26/2001	0.5 U	0.5 U	0.5 U
10Q08	10Q08		1/14/2002	0.4 U	0.4 U	0.2 U
10Q08	10Q08		7/16/2002	0.4 U	0.4 U	0.2 U
10QBB	10QBB	Field blank	1/14/2002	0.4 U	0.4 U	0.2 U
15A01	15A01		6/26/2001	0.5 U	0.5 U	0.5 U
15A01	15A01		1/14/2002	0.4 U	0.4 U	0.2 U
15A01	15A01		7/16/2002	0.4 U	0.4 U	0.2 U
15B01	15B01		6/26/2001	0.5 U	0.5 U	0.5 U
15B01	15BZZ	Dup	6/26/2001	0.5 U	0.5 U	0.5 U
15B03	15B03		6/26/2001	0.5 U	0.5 U	0.5 U
15B03	15B03		1/14/2002	0.4 U	0.4 U	0.2 U
15B03	15B03		7/16/2002	0.4 U	0.4 U	0.2 U
15B04	15B04		6/26/2001	0.5 U	0.5 U	0.5 U
15B04	15B04		1/14/2002	0.4 U	0.4 U	0.2 U
15B04	15B04		7/16/2002	0.4 U	0.4 U	0.2 U
15F01	15F01		6/26/2001	0.5 U	0.5 U	0.5 U
15F01	15F01		1/14/2002	0.4 U	0.4 U	0.2 U
15F01	15F01		7/17/2002	0.4 U	0.4 U	0.2 U
15F02	15F02		6/26/2001	0.5 U	0.5 U	0.5 U
15F02	15F02		1/14/2002	0.4 U	0.4 U	0.2 U
15F02	15F02		7/16/2002	0.4 U	0.4 U	0.2 U
15F03	15F03		6/26/2001	0.5 U	0.5 U	0.5 U
15F03	15F03		1/14/2002	0.4 U	0.4 U	0.2 U
15F03	15F03		7/16/2002	0.4 U	0.4 U	0.2 U
22FB	22FB	Field blank	6/26/2001	0.5 U	0.5 U	0.5 U
22H02	22H02		6/26/2001	0.5 U	0.5 U	0.5 U
22H02	22H02		1/14/2002	0.4 U	0.4 U	0.2 U
22H02	22H02		7/17/2002	0.4 U	0.4 U	0.2 U
22J01	22J01		6/26/2001	0.5 U	0.5 U	0.5 U
22J01	22J01		1/15/2002	0.4 U	0.4 U	0.2 U
22J01	22J01		7/17/2002	0.4 U	0.4 U	0.2 U
22J02	22J02		6/26/2001	0.5 U	0.5 U	0.5 U
22J02	22J02		1/15/2002	0.4 U	0.4 U	0.2 U
22J02	22J02		7/16/2002	0.4 U	0.4 U	0.2 U
22L01	22L01		6/26/2001	1.2 U	0.5 U	0.5 U

Table 8.1 Residential Well Data (Continued)

Station	Sample	Type	Date	2,3,4,5-Tetrachlorophenol ug/L	2,3,5,6-Tetrachlorophenol ug/L	Pentachlorophenol ug/L
22L01	22DUP	Dup	6/26/2001	0.5 U	0.5 U	0.5 U
22L01	22L01		1/15/2002	0.4 U	0.4 U	0.2 U
22L01	22XX	Dup	1/15/2002	0.4 U	0.4 U	0.2 U
22L01	22L01		7/17/2002	0.4 U	0.4 U	0.2 U
22YY	22YY	Field blank	1/15/2002	0.4 U	0.4 U	0.2 U
23D01	23D01		6/26/2001	0.5 U	0.5 U	0.5 U
23D01	23D01		1/14/2002	0.4 U	0.4 U	0.2 U
23D02	23D02		6/26/2001	0.5 U	0.5 U	0.5 U
23D02	23D02		1/15/2002	0.4 U	0.4 U	0.2 U
23D02	23D02		7/17/2002	0.4 U	0.4 U	0.2 U

Table 9.1 Base Oil Analytical Data

Sample ID		Base Oil	
Date		1/15/2001	
TPH	Units		
Diesel Range Organics	ug/Kg	1,000,000,000	
Oil Range Organics	ug/Kg	2,000,000	J
PAHs	Units		
2-Methylnaphthalene	ug/Kg	4,800,000	
Acenaphthene	ug/Kg	12,000	U
Acenaphthylene	ug/Kg	12,000	U
Anthracene	ug/Kg	380,000	
Benzo(a)anthracene	ug/Kg	12,000	U
Benzo(a)pyrene	ug/Kg	12,000	U
Benzo(b)fluoranthene	ug/Kg	12,000	U
Benzo(g,h,i)perylene	ug/Kg	12,000	U
Benzo(k)fluoranthene	ug/Kg	12,000	U
Carbazole	ug/Kg	20,000	U
Chrysene	ug/Kg	12,000	U
Dibenz(a,h)anthracene	ug/Kg	12,000	U
Dibenzofuran	ug/Kg	480,000	
Fluoranthene	ug/Kg	20,000	
Fluorene	ug/Kg	1,400,000	
Indeno(1,2,3-cd)pyrene	ug/Kg	12,000	U
Naphthalene	ug/Kg	320,000	
Phenanthrene	ug/Kg	3,400,000	
Pyrene	ug/Kg	71,000	
Total PAHs (calculated)	ug/Kg	5,591,000	

Table 10.1 Stormwater Pilot Project Data

Station ID		Ditch #3	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD
Sample ID		Ditch #3 (nv)	062702-BATCH	062702-CL	062702-EFF	062702-INF	RINSATE (nv)	BATCH-071802	CL-071802
Date		1/28/2003	6/27/2002	6/27/2002	6/27/2002	6/27/2002	7/16/2002	7/18/2002	7/18/2002
Conventionals	Units								
Alkalinity, Total as CaCO3	mg/L	33							
Hardness, Total	mg/L	119							
pH	PH							9.35	6
Solids, Total Suspended (TSS)	mg/L		7	16	5 U	5 U		5 U	5 U
Metals	Units								
Copper, Dissolved	mg/L	0.0113							
Copper, Total	mg/L	0.0893							
Iron, Dissolved	mg/L	3.71							
Iron, Total	mg/L	43.2							
TPH	Units								
Diesel Range Organics	ug/L		45 U		45 U		350		
Residual Range Organics	ug/L		30 U		30 U		240		
SVOCs	Units								
Pentachlorophenol	ug/L	900	0.06 U		0.06 U	0.06 U	0.79	0.59	3.4
Dioxins and Furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L		3.155 U		3.438 U	3.777 U		2.156 U	2.106 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L		2.888 U		3.789 U	3.435 U		2.308 U	2.384 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.359 U		3.686 U	5.346 UJ		2.628 U	2.943 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.698 U		4.058 U	13.821 UJ		2.799 U	3.192 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.455 U		3.788 U	15.65 J		2.568 U	8.151 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L		5.66 U		5.683 U	427.758		44.688	104.08
Octachlorodibenzo-p-dioxin (OCDD)	pg/L		19.331 J		21.298 J	2911.671		1049.266	479.543
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L		3.296 U		4.575 U	4.916 U		2.148 U	2.342 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L		1.974 U		3.097 U	3.112 U		2.128 U	1.73 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L		1.892 U		2.764 U	2.89 U		2.029 U	1.648 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		1.704 U		2.542 U	3.268 U		1.977 U	1.954 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		1.733 U		2.515 U	3.4 U		1.886 U	1.948 U
1,2,3,7,8,9-hexachlorodibenzofuran (HxCDF)	pg/L		2.5 U		3.864 U	5.025 U		3.142 U	2.597 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		1.899 U		2.786 U	3.562 U		2.077 U	2.071 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L		3.437 U		3.254 U	70.822		14.821 J	28.52
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L		5.319 U		5.519 U	8.58 U		6.457 U	4.644 U
octachlorodibenzofuran (OCDF)	pg/L		9.411 U		10.498 U	189.504		250.669 J	51.476
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L		3.155 U		3.438 U	3.777 U		2.156 U	2.106 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L		2.888 U		3.789 U	6.073		2.308 U	2.384 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L		3.698 U		4.058 U	148.7		2.799 U	44.432
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L		5.66 U		5.683 U	916.262		72.203	213.362
Tetrachlorodibenzofurans (TCDF), Total	pg/L		3.296 U		4.575 U	7.041		2.148 U	16.492
Pentachlorodibenzofurans (PeCDF), Total	pg/L		1.892 U		2.764 U	15.032		2.029 U	21.968
Hexachlorodibenzofurans (HxCDF), Tota	pg/L		1.733 U		2.515 U	44.248		5.91	47.568
Heptachlorodibenzofurans (HpCDF), Total	pg/L		3.437 U		3.254 U	165.182		104.332	60.291
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L		0		0	5.2959175		0.5518066	1.379102

Table 10.1 Stormwater Pilot Project Data (continued)

Station ID		FIELD	FIELD	FIELD	FIELD	FIELD	Sump 6	SW-1B	SW-2E
Sample ID		Ditch Test Tank	EFF-071802	HT-1	INF-071802	RINSATE	Kiln Ditch (nv)	SW-1B	SW-2E
Date		7/30/2002	7/18/2002	#####	7/18/2002	#######	1/28/2003	12/16/2002	12/16/2002
Conventionals	Units								
Alkalinity, Total as CaCO3	mg/L						31		
Hardness, Total	mg/L						123		
pH	PH	8.88	9.98	7.17	8.13				
Solids, Total Suspended (TSS)	mg/L		5 U		32				
Metals	Units								
Copper, Dissolved	mg/L						0.0103		
Copper, Total	mg/L						0.0871		
Iron, Dissolved	mg/L						4.82		
Iron, Total	mg/L						47		
TPH	Units								
Diesel Range Organics	ug/L	240 U				630 Z		45 U	45 U
Residual Range Organics	ug/L	480 U				2500 Z		500 U	500 U
SVOCs	Units								
Pentachlorophenol	ug/L		0.2 U		3.3	0.46 JP	250	0.06 U	0.06 U
Dioxins and Furans	Units								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L		3.477 U		15.733		38.462	4.07 U	3.497 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/L		3.372 U		215.973		574.089	4.013 U	3.898 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.571 U		658.286		1442.783	3.833 U	3.813 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.744 U		1173.842		4434.464	4.111 U	4.221 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/L		3.46 U		1330.074		3205.797	3.879 U	3.931 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/L		29.995		31365.359 J		108844.297	18.284 J	6.292 U
Octachlorodibenzo-p-dioxin (OCDD)	pg/L		357.314		225883.271 J		414828.221	202.231	12.477 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/L		3.738 U		5.568 U		38.793 C	4.483 U	3.868 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L		3.323 U		29.116		113.616	3.331 U	3.806 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/L		3.118 U		34.551		108.061	2.538 U	2.804 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		2.375 U		240.601		688.512	2.353 U	2.224 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		2.477 U		237.484		489.408	2.392 U	2.503 U
1,2,3,7,8,9-hexachlorodibenzofuran (HxCDF)	pg/L		4.163 U		46.318 U		148.838	3.793 U	4.019 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/L		2.743 U		467.876		1132.97	2.474 U	2.45 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/L		7.489 J		8170.814		22036.66	6.58 UJ	3.09 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/L		5.09 U		409.528		1386.319	6.469 U	5.571 U
octachlorodibenzofuran (OCDF)	pg/L		33.556 J		35614.915		138359.955	40.392 J	12.944 U
Tetrachlorodibenzo-p-dioxins (TCDD), Total	pg/L		3.477 U		32.84		176.883	4.07 U	3.497 U
Pentachlorodibenzo-p-dioxin (PeCDD), Total	pg/L		3.372 U		666.663		2121.582	4.013 U	3.898 U
Hexachlorodibenzo-p-dioxins (HxCDD), Total	pg/L		3.46 U		8667.199		23387.204	4.111 U	4.221 U
Heptachlorodibenzo-p-dioxins (HpCDD), Total	pg/L		56.377		56277.836		195355.506	18.284	6.292 U
Tetrachlorodibenzofurans (TCDF), Total	pg/L		3.738 U		209.859		783.109	4.483 U	3.868 U
Pentachlorodibenzofurans (PeCDF), Total	pg/L		3.118 U		2267.951		6812.68	2.538 U	2.804 U
Hexachlorodibenzofurans (HxCDF), Tota	pg/L		2.375 U		9134.865		16612.651	2.392 U	2.503 U
Heptachlorodibenzofurans (HpCDF), Total	pg/L		21.665		26427.398		90195.138	12.92	3.09 U
2,3,7,8-TCDD equivalent (TEQ-WHO)	pg/L		0.3356814		750.618512		0	0.0202231	0

Table 11.1 Nonaqueous Phase Monitoring and Recovery Data for MW-12 (2005 - 2007)

Date	LNAPL Depth (feet)	Water Depth (feet)	LNAPL Thickness (feet)	Water Elevation (feet)	LNAPL Elevation (feet)	Relative Water Elevation (feet)	Relative LNAPL Elevation (feet)	LNAPL extracted (Liters)	Water extracted (Liters)	Total extracted (Liters)	Remarks
9/22/2005	34.86	36.18	1.32	107.61	108.93	2.61	3.93	2.82	19.9	22.72	
9/23/2005	35.15	35.25	0.1	108.54	108.64	3.54	3.64	trace	15.3	15.3	
9/26/2005	36.04	36.04	0	107.75	107.75	2.75	2.75				
9/27/2005	36.23	36.23	0	107.56	107.56	2.56	2.56				
9/28/2005	36.25	36.6	0.35	107.19	107.54	2.19	2.54				
9/29/2005	36.15	36.4	0.25	107.39	107.64	2.39	2.64				
9/30/2005	36.4	36.9	0.5	106.89	107.39	1.89	2.39				
10/3/2005	36.82	37.2	0.38	106.59	106.97	1.59	1.97				
10/5/2005	36.98	37.55	0.57	106.24	106.81	1.24	1.81				
10/7/2005	37.25	37.72	0.47	106.07	106.54	1.07	1.54				
10/10/2005	37.52	37.9	0.38	105.89	106.27	0.89	1.27				
10/21/2005	38.1	38.5	0.4	105.29	105.69	0.29	0.69				
10/25/2005	38	38.45	0.45	105.34	105.79	0.34	0.79	0.125	0.205	0.33	Installed sock at 13:15, removed at 15:15
10/27/2005	38	38.35	0.35	105.44	105.79	0.44	0.79				
10/31/2005	38.24	38.35	0.11	105.44	105.55	0.44	0.55				
11/2/2005	37.85	38.3	0.45	105.49	105.94	0.49	0.94				
11/9/2005	37.25	37.3	0.05	106.49	106.54	1.49	1.54				
11/14/2005	35.75	35.8	0.05	107.99	108.04	2.99	3.04				
11/28/2005	32.65	32.65	0	111.14	111.14	6.14	6.14				
12/8/2005	31.55	31.6	0.05	112.19	112.24	7.19	7.24				
12/13/2005	31.05	31.1	0.05	112.69	112.74	7.69	7.74				
12/18/2005	30.88	31.68	0.8	112.11	112.91	7.11	7.91				
12/29/2005	30.72	31.5	0.78	112.29	113.07	7.29	8.07				
1/3/2006	30.15	30.85	0.7	112.94	113.64	7.94	8.64				
1/13/2006	28.33	28.85	0.52	114.94	115.46	9.94	10.46				
1/18/2006	27.23	28.00	0.77	115.79	116.56	10.79	11.56				
1/24/2006	26.40	27.00	0.6	116.79	117.39	11.79	12.39				
2/1/2006	25.96	26.30	0.34	117.49	117.83	12.49	12.83				
2/7/2006	25.13	25.65	0.52	118.14	118.66	13.14	13.66				
2/17/2006	24.94	25.95	1.01	117.84	118.85	12.84	13.85				
2/21/2006	25.04	26.05	1.01	117.74	118.75	12.74	13.75				
3/1/2006	25.48	27.10	1.62	116.69	118.31	11.69	13.31				Installed absorbant sock
3/22/2006	25.97	27.00	1.03	116.79	117.82	11.79	12.82	0.631	0.079	0.71	Measurement after sock removal, reinstalled sock
3/29/2006	26.25	26.85	0.60	116.94	117.54	11.94	12.54	0.907	0.039	0.946	Measurement after sock removal, reinstalled sock
4/6/2006	26.55	26.60	0.05	117.19	117.24	12.19	12.24	0.939	0.011	0.95	Measurement after sock removal, reinstalled sock
4/12/2006	26.55	26.75	0.20	117.04	117.24	12.04	12.24	0.725	0.025	0.75	Measurement after sock removal, reinstalled sock
4/20/2006	26.32	26.35	0.03	117.44	117.47	12.44	12.47	0.937	0.023	0.96	Measurement after sock removal, reinstalled sock
4/27/2006	NM	NM						0.76	0.2	0.96	
5/26/2006	27.70	27.80	0.10	115.99	116.09	10.99	11.09	0.575	0.025	0.6	Measurement after sock removal, not reinstalled
6/1/2006	27.95	29.15	1.20	114.64	115.84	9.64	10.84				
6/9/2006	28.10	28.50	0.40	115.29	115.69	10.29	10.69				
6/23/2006	28.12	28.60	0.48	115.19	115.67	10.19	10.67				
6/30/2006	28.37	29.07	0.70	114.72	115.42	9.72	10.42				
7/14/2006	29.27	31.30	2.03	112.49	114.52	7.49	9.52				Brown, viscous material coating probe
7/27/2006	29.96	32.01	2.05	111.78	113.83	6.78	8.83				Brown, viscous material coating probe
8/1/2006	30.49	32.86	2.37	110.93	113.3	5.93	8.3				Brown, viscous material coating probe
8/11/2006	31.08	33.60	2.52	110.19	112.71	5.19	7.71				Brown, viscous material coating probe
8/25/2006	31.96	33.98	2.02	109.81	111.83	4.81	6.83				Brown, viscous material coating probe
9/8/2006	32.82	35.00	2.18	108.79	110.97	3.79	5.97				Brown, viscous material coating probe
9/22/2006	33.52	35.82	2.30	107.97	110.27	2.97	5.27				Brown, viscous material coating probe
10/4/2006	33.00	34.82	1.82	108.97	110.79	3.97	5.79				Brown, viscous material coating probe
10/12/2006	32.92	34.42	1.50	109.37	110.87	4.37	5.87				Brown, viscous material coating probe
10/26/2006	33.05	34.60	1.55	109.19	110.74	4.19	5.74				Brown, viscous material coating probe
11/17/2006	29.87	30.40	0.53	113.39	113.92	8.39	8.92				
11/22/2006	27.35	28.55	1.20	115.24	116.44	10.24	11.44				

Table 11.1 Nonaqueous Phase Monitoring and Recovery Data for MW-12 (2005 - 2007)

Date	LNAPL Depth (feet)	Water Depth (feet)	LNAPL Thickness (feet)	Water Elevation (feet)	LNAPL Elevation (feet)	Relative Water Elevation (feet)	Relative LNAPL Elevation (feet)	LNAPL extracted (Liters)	Water extracted (Liters)	Total extracted (Liters)	Remarks
12/4/2006	24.10	26.62	2.52	117.17	119.69	12.17	14.69				
12/14/2006	23.27	24.30	1.03	119.49	120.52	14.49	15.52				
2/2/2007	22.67	24.40	1.73	119.39	121.12	14.39	16.12				
4/19/2007	23.65	25.35	1.70	118.44	120.14	13.44	15.14				
7/17/2007	29.32	32.54	3.22	111.25	114.47	6.25	9.47				
10/9/2007	33.62	38.55	4.93	105.24	110.17	0.24	5.17				
Total Volume Extracted (Liters)								**8.419**	**35.807**	**44.226**	

143.79 = top of casing elevation NM = not measured

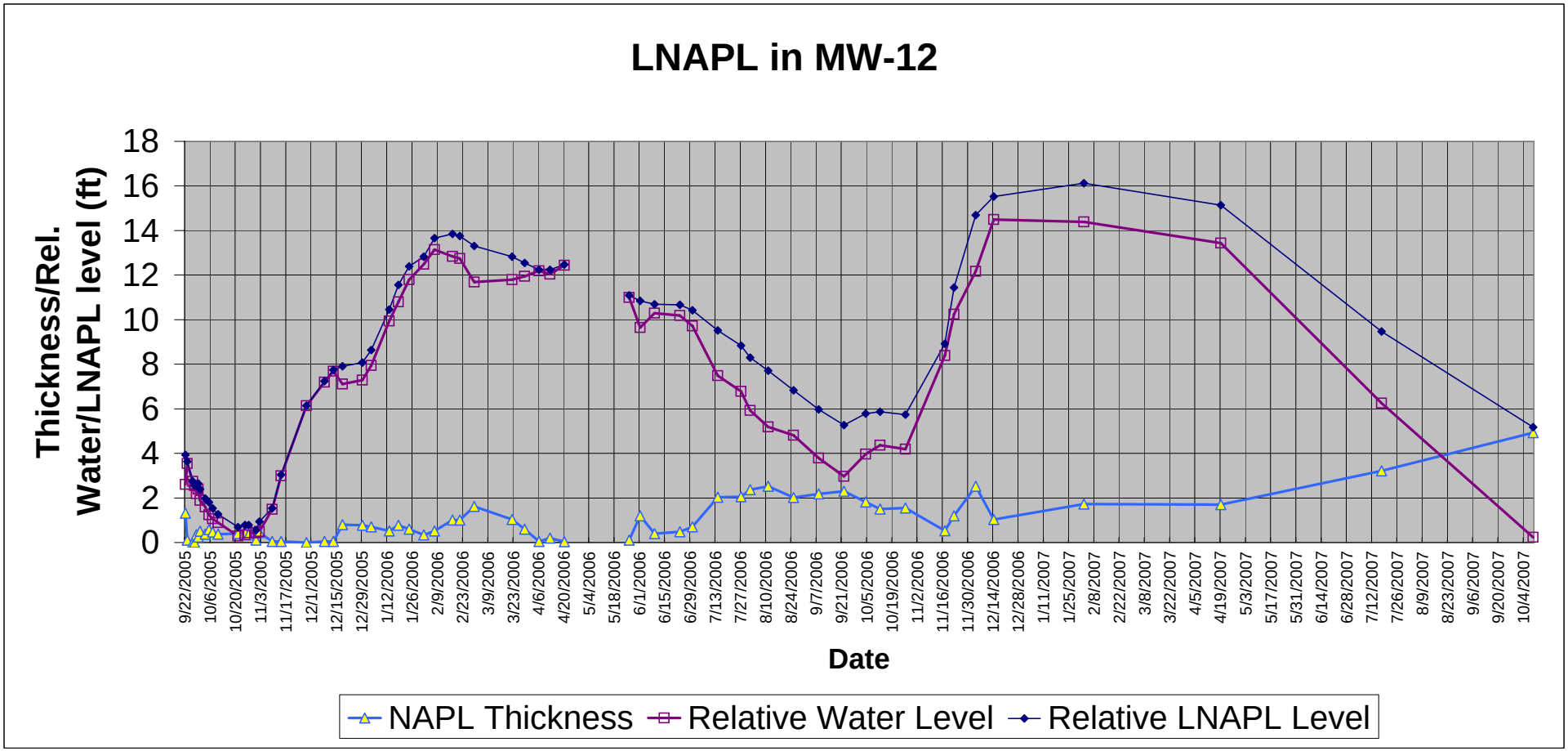


Table 11.2 Nonaqueous Phase Monitoring and Recovery Data for MW-13 (2005 - 2007)

Date	LNAPL Depth (feet)	Water Depth (feet)	Thickness (feet)	Water Elevation (feet)	LNAPL Elevation (feet)	Relative Water Elevation (feet)	Relative LNAPL Elevation (feet)	LNAPL extracted (Liters)	Water extracted (Liters)	Total extracted (Liters)	Remarks
9/22/2005	29.9	30.76	0.86	115.86	116.72	0.86	1.72	1.48	20.6	22.08	Bailed dry
9/23/2005	29.95	30.12	0.17	116.5	116.67	1.5	1.67				
9/26/2005	30.02	30.35	0.33	116.27	116.6	1.27	1.6				
9/27/2005	30.1	30.39	0.29	116.23	116.52	1.23	1.52				
9/28/2005	30.13	30.45	0.32	116.17	116.49	1.17	1.49				
9/29/2005	30.12	30.39	0.27	116.23	116.5	1.23	1.5				
9/30/2005	30.22	30.52	0.3	116.1	116.4	1.1	1.4				
10/3/2005	30.36	30.74	0.38	115.88	116.26	0.88	1.26				
10/5/2005	30.38	30.78	0.4	115.84	116.24	0.84	1.24				
10/7/2005	30.42	30.82	0.4	115.8	116.2	0.8	1.2				
10/10/2005	30.35	30.75	0.4	115.87	116.27	0.87	1.27				
10/21/2005	29.74	29.9	0.16	116.72	116.88	1.72	1.88				
10/25/2005	29.45	29.64	0.19	116.98	117.17	1.98	2.17				
10/27/2005	29.42	29.55	0.13	117.07	117.2	2.07	2.2	0.19	0.225	0.415	Installed sock 0930, removed 1230
10/31/2005	29.2	29.24	0.04	117.38	117.42	2.38	2.42				
11/2/2005	29.05	29.1	0.05	117.52	117.57	2.52	2.57				
11/9/2005	25.85	25.85	0	120.77	120.77	5.77	5.77				Negative DNAPL check
11/14/2005	24.82	24.85	0.03	121.77	121.8	6.77	6.8				
11/28/2005	23.9	23.95	0.05	122.67	122.72	7.67	7.72				
12/8/2005	23.25	23.35	0.1	123.27	123.37	8.27	8.37				
12/13/2005	23.42	23.62	0.2	123	123.2	8	8.2				
12/19/2005	23.8	24	0.2	122.62	122.82	7.62	7.82				
12/29/2005	23.25	23.52	0.27	123.1	123.37	8.1	8.37				
1/3/2006	22.59	22.74	0.15	123.88	124.03	8.88	9.03				
1/13/2006	21.42	21.62	0.2	125	125.2	10	10.2				
1/18/2006	21.2	21.44	0.24	125.18	125.42	10.18	10.42				
1/24/2006	21.22	21.45	0.23	125.17	125.4	10.17	10.4				
2/1/2006	21.25	21.45	0.2	125.17	125.37	10.17	10.37				
2/7/2006	21.15	21.35	0.2	125.27	125.47	10.27	10.47				
2/17/2006	21.72	21.84	0.12	124.78	124.9	9.78	9.9				
2/21/2006	21.95	22.05	0.1	124.57	124.67	9.57	9.67				
3/1/2006	22.35	22.45	0.1	124.17	124.27	9.17	9.27				
3/16/2006	22.53	22.62	0.09	124	124.09	9	9.09				
3/22/2006	22.73	22.93	0.2	123.69	123.89	8.69	8.89				
3/29/2006	22.97	23.08	0.11	123.54	123.65	8.54	8.65				
4/6/2006	23.02	23.11	0.09	123.51	123.6	8.51	8.6				
4/12/2006	22.94	22.99	0.05	123.63	123.68	8.63	8.68				
4/20/2006	22.8	22.9	0.1	123.72	123.82	8.72	8.82				
5/5/2006	22.65	22.76	0.11	123.86	123.97	8.86	8.97				
5/12/2006	23.16	23.25	0.09	123.37	123.46	8.37	8.46				
5/26/2006	24.3	24.42	0.12	122.2	122.32	7.2	7.32				
6/1/2006	23.83	23.9	0.07	122.72	122.79	7.72	7.79				
6/9/2006	23.14	23.26	0.12	123.36	123.48	8.36	8.48				
6/23/2006	24.09	24.3	0.21	122.32	122.53	7.32	7.53				
6/30/2006	24.49	24.66	0.17	121.96	122.13	6.96	7.13				
7/14/2006	25.39	25.65	0.26	120.97	121.23	5.97	6.23				
7/27/2006	26.14	26.35	0.21	120.27	120.48	5.27	5.48				
8/1/2006	26.65	27.1	0.45	119.52	119.97	4.52	4.97				
8/11/2006	27.52	27.85	0.33	118.77	119.1	3.77	4.1				
8/25/2006	29.15	29.38	0.23	117.24	117.47	2.24	2.47				
9/8/2006	30.2	30.5	0.3	116.12	116.42	1.12	1.42				
9/22/2006	29.78	29.9	0.12	116.72	116.84	1.72	1.84				
10/4/2006	26.45	26.8	0.35	119.82	120.17	4.82	5.17				
10/12/2006	27.15	27.62	0.47	119	119.47	4	4.47				
10/26/2006	25.82	26.1	0.28	120.52	120.8	5.52	5.8				
11/17/2006	21.22	21.51	0.29	125.11	125.4	10.11	10.4				
11/22/2006	20.72	20.95	0.23	125.67	125.9	10.67	10.9				

Table 11.2 Nonaqueous Phase Monitoring and Recovery Data for MW-13 (2005 - 2007)

Date	LNAPL Depth (feet)	Water Depth (feet)	Thickness (feet)	Water Elevation (feet)	LNAPL Elevation (feet)	Relative Water Elevation (feet)	Relative LNAPL Elevation (feet)	LNAPL extracted (Liters)	Water extracted (Liters)	Total extracted (Liters)	Remarks
12/4/2006	20.14	20.32	0.18	126.3	126.48	11.3	11.48				
12/14/2006	20.55	20.7	0.15	125.92	126.07	10.92	11.07				
1/5/2007	20.14	20.17	0.03	126.45	126.48	11.45	11.48				
1/23/2007	20.37	20.38	0.01	126.24	126.25	11.24	11.25				
2/2/2007	21	21.04	0.04	125.58	125.62	10.58	10.62				
4/19/2007	22.59	22.6	0.01	124.02	124.03	9.02	9.03				
7/17/2007	25.86	25.9	0.04	120.72	120.76	5.72	5.76				
10/9/2007	30.41	30.44	0.03	116.18	116.21	1.18	1.21				
Total Volume Extracted (Liters)								**1.67**	**20.825**	**22.495**	

146.62 = top of casing elevation

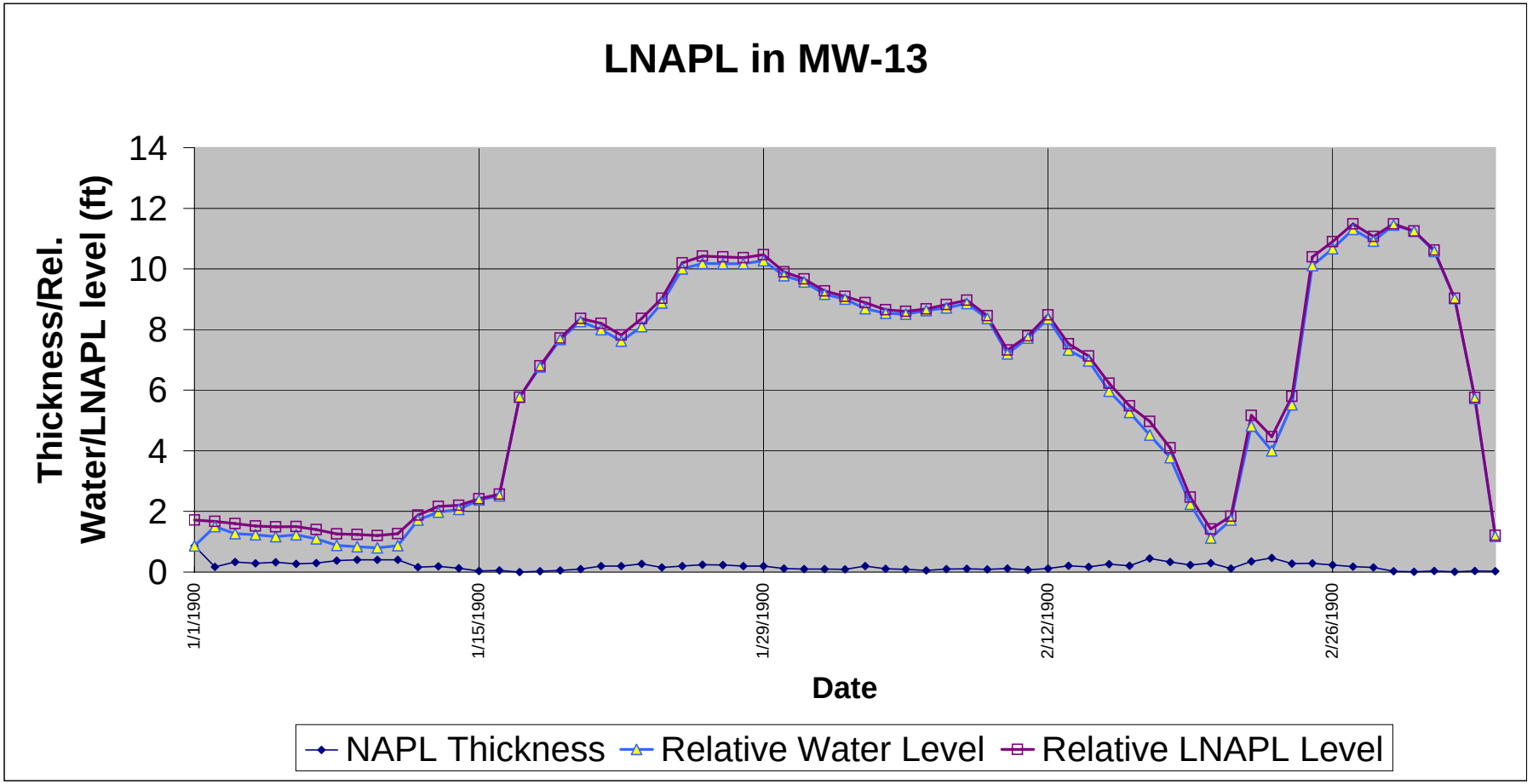


Table 11.3
Light Nonaqueous Phase Liquid (LNAPL) Recovery
Pilot Study Remediation
Former JH Baxter & Co. Wood Treating Facility
Arlington, Washington

Date	Well ID	WEIGHT (lbs)			Volume (Gallons)
		Total	Material	LNAPL	
4/7/2008	MW-12	2.24	0.53	1.71	0.20
6/2/2008	MW-12	2.34	0.53	1.81	0.22
7/28/2008	MW-12	2.14	0.54	1.60	0.19
9/26/2008	MW-12	1.90	0.46	1.44	0.17
11/24/2008	MW-12	2.22	0.54	1.68	0.20
1/7/2009	MW-13	2.12	0.56	1.56	0.19
3/5/2009	MW-12	2.35	0.64	1.71	0.20
4/1/2009	MW-12	2.58	0.64	1.94	0.23
5/27/2009	MW-12	2.76	0.68	2.08	0.25
11//19/2009	MW-12	NA	NA	1.82	0.22
12/28/2009	MW-12	2.64	0.66	1.98	0.24
1/25/2010	MW-12	2.48	0.64	1.84	0.22
3/23/2010	MW-12	2.6	0.66	1.94	0.23
4/28/2010	MW-12	2.68	0.64	2.04	0.24
6/29/2010	MW-12	2.52	0.64	1.88	0.22
10/19/2010	MW-13	1.49	0.64	0.85	0.10
10/19/2010	MW-12	1.8	0.64	1.16	0.14
2/10/2011	MW-12	2.19	0.56	1.63	0.19
5/18/2011	MW-12	2.56	0.64	1.92	0.23
5/18/2011	MW-13	1.9	0.45	1.45	0.17
5/18/2011	MW-19	1.8	0.63	1.17	0.14
5/18/2011	MW-21	1.59	0.58	1.01	0.12
8/24/2011	MW-12	2.07	0.63	1.44	0.17
TOTAL				**37.66**	**4.49**

NA - Not available

TABLE 12.1
WELL DATA SUMMARY OF PREVIOUSLY EXISTING WELLS
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Well Identification	Northing	Easting	Ground Surface Elevation	Riser Elevation	Installation Date	Total Borehole Depth (ft bgs)[1]	Total Well Depth (ft bgs)	Screen Interval (depth, ft bgs)	Screen Interval (depth, ft BTOC)[2]	Filter Pack	Filter Pack Interval (depth, ft bgs)	Type of Seal	Seal Interval (depth, ft bgs)	Well Diameter, Nominal (inches)	Well Material	Screen Type	Screen Slot Size	Approx. Water Level (ft bgs)	Borehole Diameter (inches)	Monument Type
L-1	427162.7	1320563.3	143.19	144.40 CAP	12/7/00	17.5	18	16.5 - 18	NA[3]	NA	15.5 - 18	Bentonite Chips and/or Slurry	3 - 15.5	NA	NA	NA	NA	NA	NA	NA
L-2	427579	1320583.3	143.68	145.59 CAP	12/6/00	19.8	19.8	17 - 19.8	NA	NA	17 - 19.8	Bentonite Chips and/or Slurry	3 - 17	NA	NA	NA	NA	NA	NA	NA
L-3	427761.5	1320567.9	144.18	146.88 CAP	12/7/00	18	17.5	16 - 17	NA	NA	14.5 - 17.5	Bentonite Chips and/or Slurry	3 - 14.5	NA	NA	NA	NA	NA	NA	NA
HCMW-5	427010.1	1320692.3	143.94	143.75	10/5/99	36.5	35	15 - 35	NA	NA	13 - 36.5	Bentonite Chips and/or Slurry	2 - 13	NA	NA	NA	NA	29	NA	NA
HCMW-6	427887.2	1320815.7	146.69	146.36	10/4/99	51.5	51.5	30 - 51.5	NA	NA	28 - 51.5	Bentonite Chips and/or Slurry	2 - 28	NA	NA	NA	NA	39	NA	NA
HCMW-7	428230.4	1320337.6	145.01	144.73	10/7/99	54	54	35 - 54	NA	NA	33 - 54	Bentonite Chips and/or Slurry	2 - 33	NA	NA	NA	NA	41	NA	NA
BXS-1	427577	1320372.8	142.32	142.90 CAP	7/11/88	49	49	39 - 49	NA	10/20	37 - 49	Bentonite Chips and Slurry	1 - 34	2	Sch. 40 PVC[4]	Slotted	20	38.5	NA	Concrete
BXS-2	427429.1	1320176.6	141.09	143.02 CAP	7/6/88	54	52	42 - 52	NA	10/20	41 - 52	Bentonite Slurry	1 - 20	2	Sch. 40 PVC	Slotted	20	38	NA	Concrete
BXS-3	427202.9	1320143.8	141.73	142.07	7/7/88	44	42.5	32.5 - 42.5	NA	10/20	31 - 42.5	Bentonite Slurry	1 - 27	2	Sch. 40 PVC	Slotted	20	33.5	NA	Concrete
BXS-4	426556.4	1320865.9	143.05	143.42	7/8/88	49	47.5	37.5 - 47.5	NA	10/20	36 - 47.5	Bentonite Slurry	1 - 32	2	Sch. 40 PVC	Slotted	20	15	NA	Concrete
MW-2	428166.9	1320647.4	144.69	145.96	8/23/90	49.5	47.5	27.5 - 47.5	NA	10/20	24.5 - 49.5	Bentonite Chips and Slurry	0 - 24.5	4	Sch. 40 PVC	Slotted	10	43	NA	NA
MW-3	427560.7	1320596.2	143.92	146.38 CAP	8/27/90	50	49.5	29.5 - 49.5	NA	10/20	26 - 49.5	Bentonite Chips and Slurry	0 - 26	4	Sch. 40 PVC	Slotted	10	38	NA	NA
MW-1	427352.2	1320826.9	146.21	147.44	8/24/90	49.5	43	23 - 43	NA	10/20	20 - 43	Bentonite Chips and Slurry	0 - 17	4	Sch. 40 PVC	Slotted	10	28	NA	NA
MW-4	425935.6	1321013.3	143.02	145.02	8/26/94	40	40	30 - 40	NA	10/20	27 - 40	Bentonite Chips and/or Slurry	2 - 27	4	Sch. 40 PVC	Slotted	10	21	8	2 ft Concrete
MW-10	427175.1	1320566	143.3	144.99	8/26/02	43	43	18 - 43	19.7 - 44.7	10/20	16 - 43	Bentonite Chips	0 - 16	2	PVC	Slotted	20	33	6.75	Stickup
MW-11	427398.1	1321001	146.46	146.06	8/26/02	38	38	13 - 38	12.6 - 37.6	10/20	11 - 38	Bentonite Chips	0 - 11	2	PVC	Slotted	20	28	6.75	NA
MW-12	427438	1320752.4	144.48	143.79	8/28/02	38	38	18 - 38	17.3 - 37.3	10/20	16 - 38	Bentonite Chips	0 - 16	4	stainless steel	Slotted	20	33	6.75	NA
MW-13	427306.7	1320843.9	147.4	146.62	8/28/02	42	37	17 - 37	16.2 - 36.2	10/20	15 - 42	Bentonite Chips	0 - 15	4	stainless steel	Slotted	20	32	6.75	NA
MW-14	425602.6	1320388.9	139.88	141.7	8/22/02	38	38	12 - 38	10.2 - 36.2	10/20	10 - 38	Bentonite Chips	0 - 10	2	PVC	Slotted	20	28	6.75	Stickup
MW-15	427860	1320311	142.78	142.22	10/14/02	50	50	25 - 50	NA	10/20	23 - 50	Bentonite Chips	0 - 23	2	PVC	Slotted	20	40	8	NA
MW-16	428006.8	1320325.6	143.37	142.91	9/29/03	50	50	25 - 50	NA	10/20	23 - 50	Bentonite Chips	2 - 23	2	PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
MW-17	427863.6	1320173.9	142.17	144.85	9/30/03	55	55	30 - 55	NA	10/20	28 - 55	Bentonite Chips	2 - 28	2	PVC	Slotted	20	44	8	Heavy-Duty Flush-Mount
MW-18	428312.7	1320075.7	142.79	142.45	9/30/03	55	55	30 - 55	NA	10/20	28 - 55	Bentonite Chips	0 - 28	2	PVC	Slotted	20	45	8	Heavy-Duty Flush-Mount

Notes:
1. ft bgs = feet below ground surface.
2. BTOC = Below top of casing.
3. NA = Not available.
4. PVC = polyvinyl chloride.

TABLE 12.2
WELL DATA SUMMARY OF WELLS INSTALLED 2007 - 2010
J.H. Baxter Co.
Arlington, Washington

Type	Well Identification	Northing	Easting	Ground Surface Elevation	Riser Elevation	Installation Date	Total Borehole Depth (ft bgs)[1]	Total Well Depth (ft bgs)	Screen Interval (depth, ft bgs)	Screen Interval (depth, ft BTOC)[2]	Filter Pack	Filter Pack Interval (depth, ft bgs)	Type of Seal	Seal Interval (depth, ft bgs)	Well Diameter, Nominal (inches)	Well Material	Screen Type	Screen Slot Size	Approx. Water Level (ft bgs)	Borehole Diameter (inches)	Monument Type
Monitoring Wells	MW-22	427395.3	1320573.5	143.13	142.75	11/26/07	46.5	45.5	35.4 - 45.2	35.0 - 44.8	10/20	33 - 46	Bentonite Chips	3 - 33	2	Sch. 40 PVC[3]	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-23	427500	1320578.2	143.47	143.18	12/1/07	46.5	45.3	35.2 - 45.0	35.0 - 44.8	10/20	33 - 46	Bentonite Chips	2.7 - 33	2	Sch. 40 PVC	Slotted	20	38.6	8	Heavy-Duty Flush-Mount
	MW-24	427563.9	1320645.1	144.47	144.13	11/27/07	46.5	45.5	35.4 - 45.2	35.0 - 44.8	10/20	33 - 46	Bentonite Chips	3 - 33	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-25	427492.9	1320682	145.45	144.98	11/28/07	46.5	45.6	35.5 - 45.3	35.0 - 44.8	10/20	33 - 46	Bentonite Chips	2.7 - 33	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-26	427601	1320773	145.13	144.75	11/20/07	46.5	45.5	35.4 - 45.2	34.7 - 44.5	10/20	32.6 - 46	Bentonite Chips	3 - 32.6	2	Sch. 40 PVC	Slotted	20	38	8	Heavy-Duty Flush-Mount
	MW-27	427677.9	1320702.8	144.62	144.31	11/26/07	46.5	45.5	35.4 - 45.1	34.9 - 44.6	10/20	32.1 - 46	Bentonite Chips	2 - 32.1	2	Sch. 40 PVC	Slotted	20	39.8	8	Heavy-Duty Flush-Mount
	MW-28	427502.3	1320488.8	143.02	142.77	12/1/07	46.5	45.3	35.2 - 45.0	35.0 - 44.8	10/20	33 - 46	Bentonite Chips	3 - 33	2	Sch. 40 PVC	Slotted	20	33.6	8	Heavy-Duty Flush-Mount
	MW-29	427637.7	1320503	142.85	142.61	12/3/07	46.5	45.3	35.2 - 45.0	34.9 - 44.7	10/20	33 - 46	Bentonite Chips	3 - 33	2	Sch. 40 PVC	Slotted	20	38	8	Heavy-Duty Flush-Mount
	MW-30	427836.7	1320483.2	142.64	142.4	12/4/07	46.5	45.1	35.0 - 44.8	34.9 - 44.7	10/20	33 - 46	Bentonite Chips	2.7 - 33	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-31	427715.8	1320294	141.15	140.95	12/4/07	46.5	45.5	35.4 - 45.2	35.1 - 44.9	10/20	33 - 46	Bentonite Chips	3 - 33	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-32	427493.5	1320670.2	145.27	145.01	11/29/07	61.5	60.1	50.0 - 59.8	49.7 - 59.4	10/20	47.1 - 61	Bentonite Chips	3.5 - 47.1	2	Sch. 40 PVC	Slotted	20	40.5	8	Heavy-Duty Flush-Mount
	MW-33	427577.4	1320602	143.76	143.46	11/27/07	61.5	60.1	50.3 - 59.8	49.8 - 59.3	10/20	48 - 61	Bentonite Chips	3 - 48	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-34	427648	1320499	143.02	142.60	9/27/07	60.6	60.6	50.5 - 60.3	50.2 - 60.0	8/12	48 - 60.6	Bentonite Chips	4 - 48	2	Sch. 40 PVC	Slotted	20	38	8	Heavy-Duty Flush-Mount
	MW-35	427726.8	1320608.7	144.34	143.89	11/21/07	56.5	55.5	45.4 - 55.2	45.0 - 54.8	10/20	43 - 56	Bentonite Chips	3.4 - 43	2	Sch. 40 PVC	Slotted	20	39.6	8	Heavy-Duty Flush-Mount
	MW-36	427676.1	1320399.4	141.57	141.15	12/3/07	56.5	55.2	45.3 - 54.7	44.9 - 54.4	10/20	43 - 55.2	Bentonite Chips	3 - 43	4	Sch. 40 PVC	V-wire	20	37.8	10	Heavy-Duty Flush-Mount
	MW-37	427969.4	1320251.9	142.37	141.96	11/15/07	56.5	55.1	45.0 - 54.8	45.0 - 54.7	10/20	42.5 - 56	Bentonite Chips	3 - 42.5	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-38	427653.6	1320491.4	143.36	143.28	7/13/10	99	80.0	69.92 - 79.92	69.92 - 79.92	10/20	67 - 80	Bentonite Grout	9 - 67	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-39	427993.1	1320148.9	142.73	142.85	7/14/10	81.5	79.8	69.83 - 79.83	69.83 - 79.83	10/20	67 - 80	Bentonite Grout	9 - 67	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-40	427859.5	1320316.6	142.56	142.1	7/15/10	90	79.8	69.8 - 79.8	69.8 - 79.8	10/20	67 - 80	Bentonite Grout	9 - 67	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-41	427968.1	1320255	142.33	142.21	7/16/10	81.5	79.2	69.2 - 79.2	69.2 - 79.2	10/20	67 - 80	Bentonite Grout	9 - 67	4	Sch. 40 PVC	Slotted	20	40	10	Heavy-Duty Flush-Mount
	MW-42	428319.7	1320080.9	142.89	142.68	7/30/10	91.5	89.1	79.1 - 89.1	79.1 - 89.1	10/20	78 - 90	Bentonite Chips	6 - 90	2	Sch. 40 PVC	Slotted	20	40	8	Heavy-Duty Flush-Mount
	MW-43	428757.5	1319841.1	141.91	141.51	10/19/10	110	100.0	90 - 100	90 - 100	10/20	79 - 90	Bentonite Grout	9 - 100	2	Sch. 40 PVC	Slotted	20	40		Heavy-Duty Flush-Mount

TABLE 12.2
WELL DATA SUMMARY OF WELLS INSTALLED 2007 - 2010
J.H. Baxter Co.
Arlington, Washington

Type	Well Identification	Northing	Easting	Ground Surface Elevation	Riser Elevation	Installation Date	Total Borehole Depth (ft bgs)[1]	Total Well Depth (ft bgs)	Screen Interval (depth, ft bgs)	Screen Interval (depth, ft BTOC)[2]	Filter Pack	Filter Pack Interval (depth, ft bgs)	Type of Seal	Seal Interval (depth, ft bgs)	Well Diameter, Nominal (inches)	Well Material	Screen Type	Screen Slot Size	Approx. Water Level (ft bgs)	Borehole Diameter (inches)	Monument Type
Recovery Wells	MW-19	427270.3	1320793.8	145.17	144.71	11/29/07	40	37.1	22.2 - 36.6	21.7 - 36.1	10/20	20 - 40	Bentonite Chips	2 - 20	4	Sch. 40 PVC	V-wire	20	27.5	10	Heavy-Duty Flush-Mount
	MW-20	427340.4	1320790.2	145.28	144.98	11/30/07	36.5	34.7	19.8 - 34.2	19.4 - 33.8	10/20	17.8 - 35.5	Bentonite Chips	2.7 - 17.8	4	Sch. 40 PVC	V-wire	20	30	10	Heavy-Duty Flush-Mount
	MW-21	427411	1320744.2	145.51	145.26	11/30/07	38	37.1	22.2 - 36.6	21.7 - 36.1	10/20	20 - 38	Bentonite Chips	3 - 20	4	Sch. 40 PVC	V-wire	20	33.7	10	Heavy-Duty Flush-Mount
Extraction Wells	EW-1	427486.6	1320514.6	142.58	139.92	11/12/07	64	63.1	50.6 - 59.9	47.4 - 56.7	10/20	44 - 63	Bentonite Chips and Slurry	3 - 44	6	Sch. 80 PVC	V-wire	20	40	12	Vault
	EW-2	427532	1320512.6	142.87	139.95	11/13/07	64	61.6	49.2 - 58.5	45.7 - 55.1	10/20	43 - 61.6	Bentonite Chips	3 - 43	6	Sch. 80 PVC	V-wire	20	39	12	Vault
	EW-3	427590.9	1320511.2	142.64	139.87	11/14/07	64	62.9	50.1 - 59.4	46.8 - 56.1	10/20	43.5 - 62.9	Bentonite Chips	3 - 43.5	6	Sch. 80 PVC	V-wire	20	39	12	Vault
	EW-4	427638.1	1320512.1	143.25	140.42	11/15/07	65	61.6	49.0 - 58.4	46.3 - 55.6	10/20	43 - 64	Bentonite Chips	3 - 43	6	Sch. 80 PVC	V-wire	20	37	12	Vault
	EW-5	427660.5	1320606.7	143.97	141.1	11/16/07	65	62.1	49.3 - 58.6	46.5 - 55.8	10/20	42.5 - 65	Bentonite Chips	3 - 42.5	6	Sch. 80 PVC	V-wire	20	40	12	Vault
	EW-6	427651.4	1320679.1	144.35	141.59	11/19/07	64	62.0	49.4 - 58.8	49.2 - 58.6	10/20	42.6 - 64	Bentonite Chips	3 - 42.6	6	Sch. 80 PVC	V-wire	20	39.2	12	Vault
	EW-7	427615.9	1320747	144.83	142.02	11/20/07	65	61.6	49.1 - 58.4	47.7 - 57.0	10/20	42.6 - 64	Bentonite Chips	3.5 - 42.6	6	Sch. 80 PVC	V-wire	20	39.6	12	Vault

Notes:
1. ft bgs = Feet below ground surface.
2. BTOC = Below top of casing.
3. PVC = Polyvinyl chloride.

TABLE 13.1
Groundwater Data for Supplemental Investigation - December 2009
Former J.H. Baxter Co. Wood Treatment Facility
Arlington, Washington

Station/Borehole	Collection Date	Field Sample ID	Pentachlorophenol (ug/L)	Depth (ft bls)	Notes
SB-66	12/14/2009	GW-66-1	<1.0 U	50	
SB-66	12/14/2009	GW-66-2	2	60	
SB-66	12/14/2009	GW-66-3	300	68.5	Unable to get to 70 ft bls
SB-66	12/14/2009	GW-66-4	320	80	
--	12/14/2009	Rinsate/EB-1	1.9	--	Equipment rinse blank
SB-67	12/15/2009	GW-67-1	2.5	50 and 55	Collected over two zones
SB-67	12/15/2009	GW-67-2	1.7	62	
SB-67	12/15/2009	GW-67-3	2.1	70	
SB-67	12/15/2009	GW-67-4	2.3	79	Unable to get to 80 ft bls
SB-67	12/15/2009	Duplicate-1	2.6	79	Field duplicate
SB-68	12/16/2009	GW-68-1	<1.0 U	45	
SB-68	12/16/2009	GW-68-2	<1.0 U	55	
SB-68	12/16/2009	GW-68-3	<1.0 U	65	
SB-68	12/16/2009	GW-68-4	220	75	
SB-69	12/17/2009	GW-69-1	3.0	45	
SB-69	12/17/2009	GW-69-2	2.2	55	
SB-69	12/17/2009	GW-69-3	850	65	
SB-69	12/17/2009	GW-69-4	110	75	
SB-70	12/17/2009	GW-70-1	5.4	45	
SB-70	12/17/2009	GW-70-2	2.5	55	
SB-70	12/18/2009	GW-70-3	3.4	65	
SB-70	12/18/2009	GW-70-4	<1.0 U	75	
SB-71	12/18/2009	GW-71-1	2.3	55	
SB-71	12/19/2009	GW-71-2	2.6	65	
SB-71	12/19/2009	GW-71-3	<1.0 U	75	
SB-71	12/19/2009	GW-71-4	<1.0 U	85	
SB-72	12/23/2009	GW-72-1	2.3	55	
SB-72	12/23/2009	GW-72-2	2.6	65	
SB-72	12/23/2009	GW-72-3	7.9	74	Unable to get to 75 ft bls
SB-72	12/23/2009	GW-72-4	2.0	65	
SB-73	12/22/2009	GW-73-1	6.7	55	
SB-73	12/22/2009	GW-73-2	260	65	
SB-73	12/22/2009	GW-73-3	250	75	
SB-73	12/22/2009	GW-73-4	28	85	
--	12/22/2009	GW-73-5	<0.5 U	--	Equipment rinsate blank
SB-74	12/21/2009	GW-74-1	2.4	55	
SB-74	12/21/2009	GW-74-5	2.5	55	Field duplicate
SB-74	12/21/2009	GW-74-2	310	65	
SB-74	12/21/2009	GW-74-3	540	75	
SB-74	12/21/2009	GW-74-4	19	85	

Four grab groundwater samples were collected from each of the nine borings from depths ranging from 45 to 85 ft bls. Groundwater samples were collected using a Hydropunch and were analyzed by ALS Laboratory Group in Everett, Washington using USEPA Method 8270.
ug/L - micrograms per liter; ft-feet; bls-below land surface; U-not detected; and USEPA-United States Environmental Protection Agency.

Table 13.2
Groundwater Data Collected for the Supplemental Investigation - 2010
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

Station/Borehole	Collection Date	Field Sample ID	Pentachlorophenol (ug/L)	Depth (ft bgs)	Notes
MW-38	6/28/2010	GW-38-1	180	60	
MW-38	6/28/2010	GW-38-2	49	70	
MW-38	6/28/2010	GW-38-3	3.8	80	
MW-38	6/28/2010	GW-38-4	4	80	Blind Duplicate of GW-38-3
MW-38	6/28/2010	GW-38-5	51	90	
MW-38	6/29/2010	GW-38-6	3.2	98	Unable to get to 100 ft bls
MW-38	6/28/2010	Equip Blank-1	<0.5 U	NA	Equipment rinsate blank
SB-75	6/29/2010	GW-75-1	0.66	60	
SB-75	6/29/2010	GW-75-2	<0.5 U	70	
SB-75	6/29/2010	GW-75-3	<0.5 U	80	No sample at 90' - heaving sands
SB-75	6/30/2010	GW-75-4	0.61	100	
SB-76	6/30/2010	GW-76-1	79	60	
SB-76	6/30/2010	GW-76-2	12	70	
SB-76	6/30/2010	GW-76-3	0.84	80	
SB-76	7/1/2010	GW-76-4	5.9	90	
SB-76	7/1/2010	GW-76-5	10	100	
SB-77	7/1/2010	GW-77-1	11	60	
SB-77	7/1/2010	GW-77-2	12	60	Blind Duplicate of GW-77-1
SB-77	7/1/2010	GW-77-3	150	70	
SB-77	7/1/2010	GW-77-4	100	76	No sample at 80 ft bgs - heaving sands
SB-77	7/2/2010	GW-77-5	29	90	No sample at 100' - heaving sands
SB-78	7/7/2010	GW-78-1	12	60	
SB-78	7/7/2010	GW-78-2	1.4	70	
SB-78	7/7/2010	GW-78-3	<0.5 U	80	
SB-78	7/7/2010	GW-78-4	<0.5 U	90	
SB-78	7/7/2010	Equipment Blank-2	<0.5 U	NA	Equipment rinsate blank
SB-79	7/9/2010	GW-79-1	1.5	60	
SB-79	7/9/2010	GW-79-2	1.8	70	
SB-79	7/9/2010	GW-79-3	0.8	80	
SB-79	7/9/2010	GW-79-4	0.8	90	Clay at 100' - no sample collected
SB-80	7/12/2010	GW-80-1	<0.5 U	60	
SB-80	7/12/2010	GW-80-2	<0.5 U	70	
SB-80	7/12/2010	GW-80-3	3.6	80	
SB-80	7/13/2010	GW-80-4	<0.5 U	90	
SB-80	7/13/2010	GW-80-5	1.1	100	
MW-39	7/14/2010	MW-39-1	<0.5 U	75	Single sample at 75'. Completed as a well
SB-81	7/26/2010	GW-81-1	<0.5 U	60	
SB-81	7/26/2010	GW-81-2	<0.5 U	70	
SB-81	7/26/2010	GW-81-3	19	80	
SB-81	7/26/2010	GW-81-4	170	90	
SB-81	7/26/2010	GW-81-5	91	100	
SB-82	7/27/2010	GW-82-1	<0.5 U	60	
SB-82	7/27/2010	GW-82-2	<0.5 U	60	Duplicate of GW-82-1

Table 13.2
Groundwater Data Collected for the Supplemental Investigation - 2010
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

Station/Borehole	Collection Date	Field Sample ID	Pentachlorophenol (ug/L)	Depth (ft bgs)	Notes
SB-82	7/27/2010	GW-82-3	82	70	
SB-82	7/27/2010	GW-82-4	53	80	
SB-82	7/28/2010	GW-82-5	15	90	
SB-82	7/28/2010	GW-82-6	1.4	100	
SB-83	7/28/2010	GW-83-1	3.6	60	
SB-83	7/28/2010	GW-83-2	91	71	
SB-83	7/29/2010	GW-83-3	36	81	
SB-83	7/29/2010	GW-83-4	4.4	91	
SB-83	7/29/2010	EQ-072910	<0.5 U	NA	Equipment rinsate blank
MW-43	10/18/2010	MW-43-80'	<0.5 U	80	
MW-43	10/18/2010	MW-43-90'	<0.5 U	90	
MW-43	10/18/2010	MW-43-100'	<0.5 U	100	
MW-43	10/18/2010	MW-43-110'	<0.5 U	110	
SB-84	10/19/2010	GW-84-80	<0.5 U	80	
SB-84	10/19/2010	GW-84-90	<0.5 U	90	
SB-84	10/19/2010	GW-84-100	<0.5 U	100	
SB-85	10/20/2010	Equip-102010	<0.5 U	--	Equipment rinsate blank
SB-85	10/20/2010	GW-85-80	<0.5 U	80	
SB-85	10/20/2010	GW-85-90	<0.5 U	90	
SB-85	10/20/2010	GW-85-100	<0.5 U	100	
SB-85	10/20/2010	GW-Dup-102010	<0.5 U	100	Duplicate of GW-85-100

Grab groundwater samples were collected from each of the borings from depths ranging from 60 to 100 ft bls. Groundwater samples were collected using a Hydropunch and were analyzed by ALS Laboratory Group in Everett, Washington using USEPA Method 8270.

ug/L - micrograms per liter; ft-feet; bls-below land surface; U-not detected above the listed detection limit; and USEPA-United States Environmental Protection Agency.

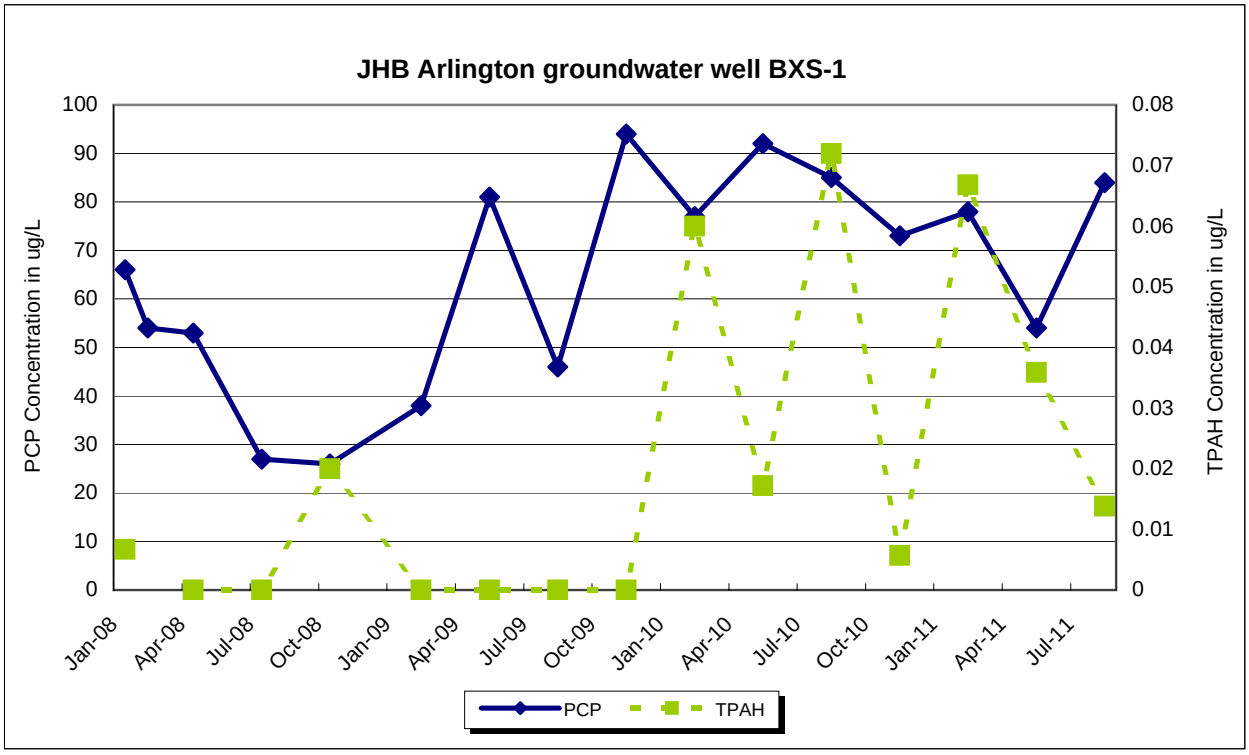
Table 13.3
Investigation Derived Waste Data Collected for the Supplemental Investigation 2009 - 2010
Former J.H. Baxter Co. Wood Treating Facility
Arlington, Washington

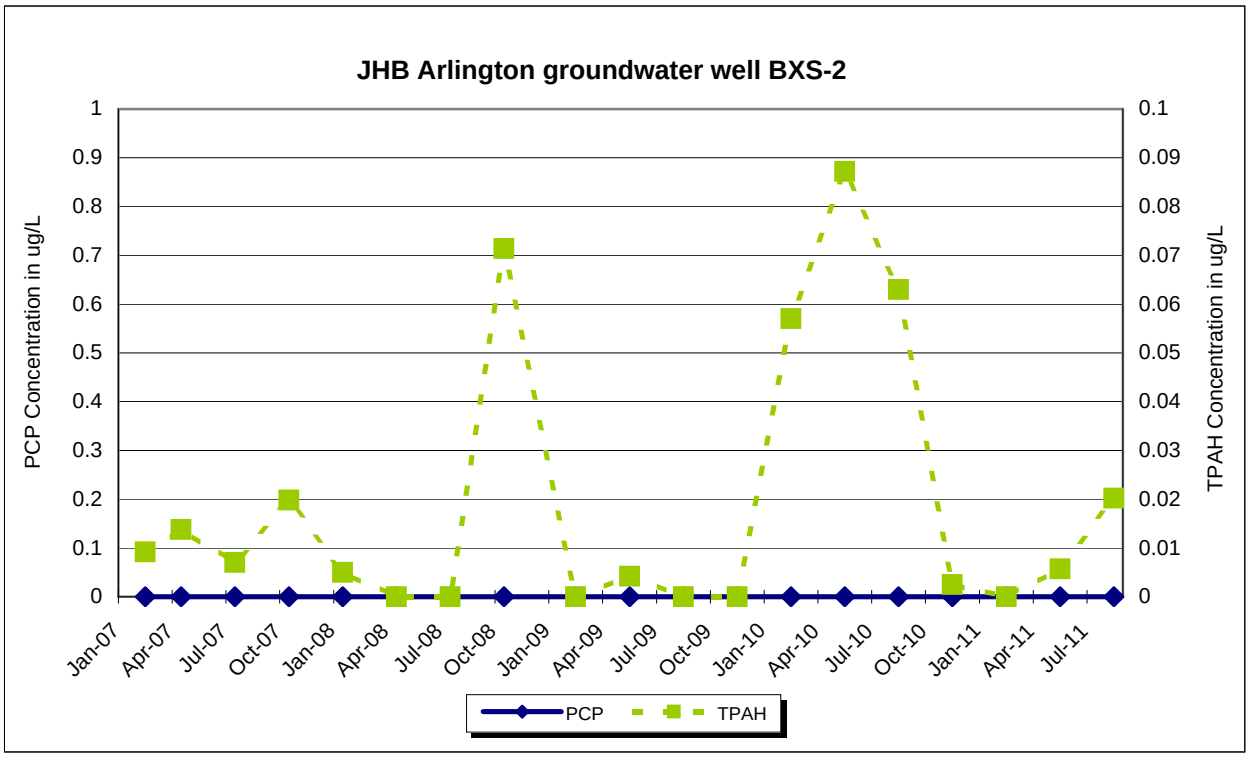
	Method	Units	SS-1 1/19/2010	SS-102810 10/28/2010
Total Petroleum Hydrocarbons				
Diesel Range Organics	NWTPH-Dx	mg/kg	<25 U	<25 U
Oil Range Organics	NWTPH-Dx	mg/kg	<50 U	<50 U
Polycyclic Aromatic Hydrocarbons				
Naphthalene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Acenaphthene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Fluorene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Pentachlorophenol	USEPA 1311/8270	ug/L	<2.0 U	<2.0 U
Phenanthrene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Anthracene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Pyrene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Benzo(a)anthracene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Chrysene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Benzo(b)fluoranthene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Benzo(k)fluoranthene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Benzo(a)pyrene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Indeno(1,2,3-cd)pyrene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U
Dibenz(a,h)anthracene	USEPA 1311/8270	ug/L	<0.080 U	<0.080 U

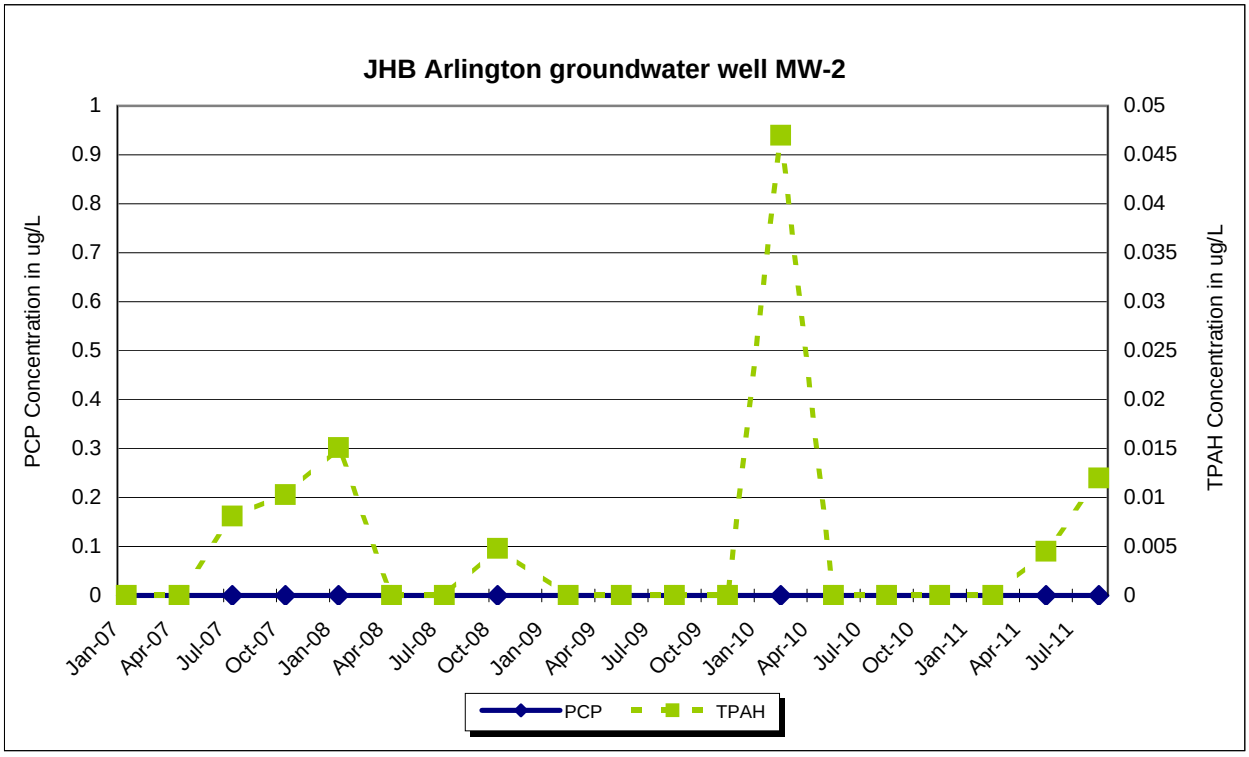
Investigation derived waste samples analyzed by ALS Laboratory Group in Everett, Washington
NWTPH-Dx - Northwest Total Petroleum Hydrocarbons Diesel range extended
1311/8270 - Toxicity characteristic leachate procedure Method 1311/Semivolatile organic compounds Method 8270
ug/L - micrograms per liter
mg/kg - milligrams per kilogram
U - not detected above the listed detection limit
USEPA-United States Environmental Protection Agency.

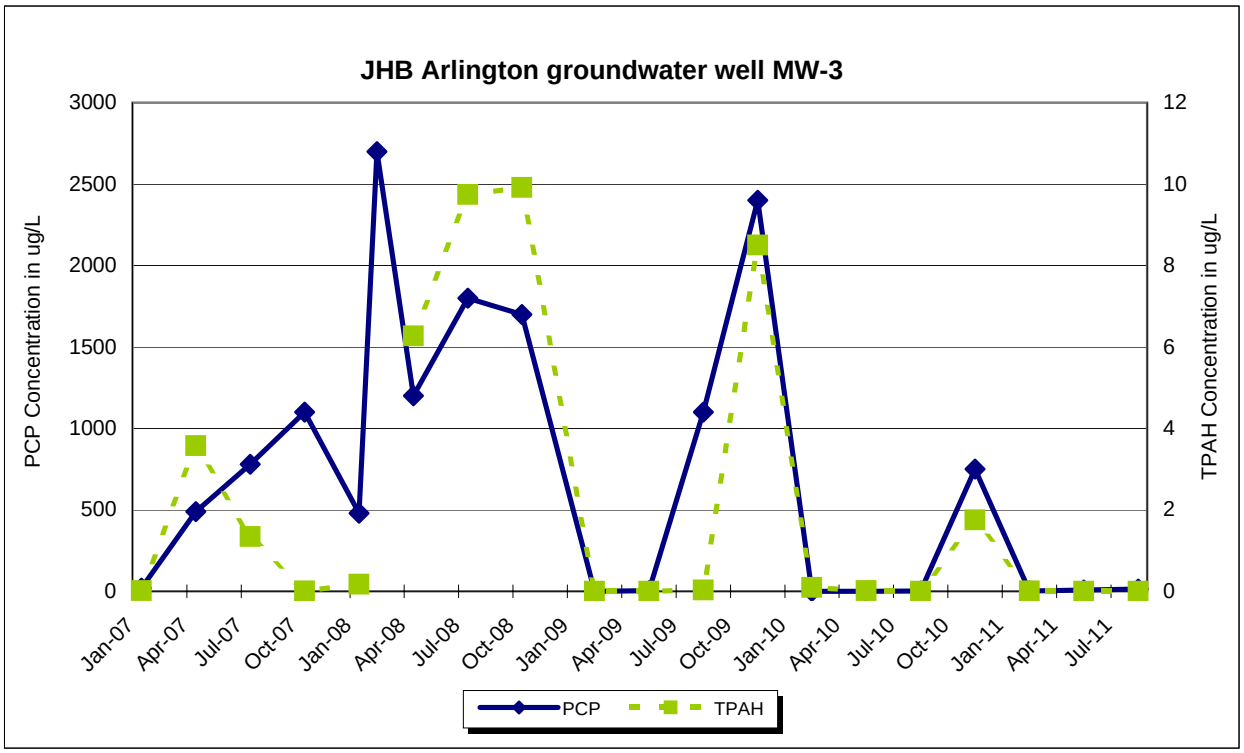
Appendix A

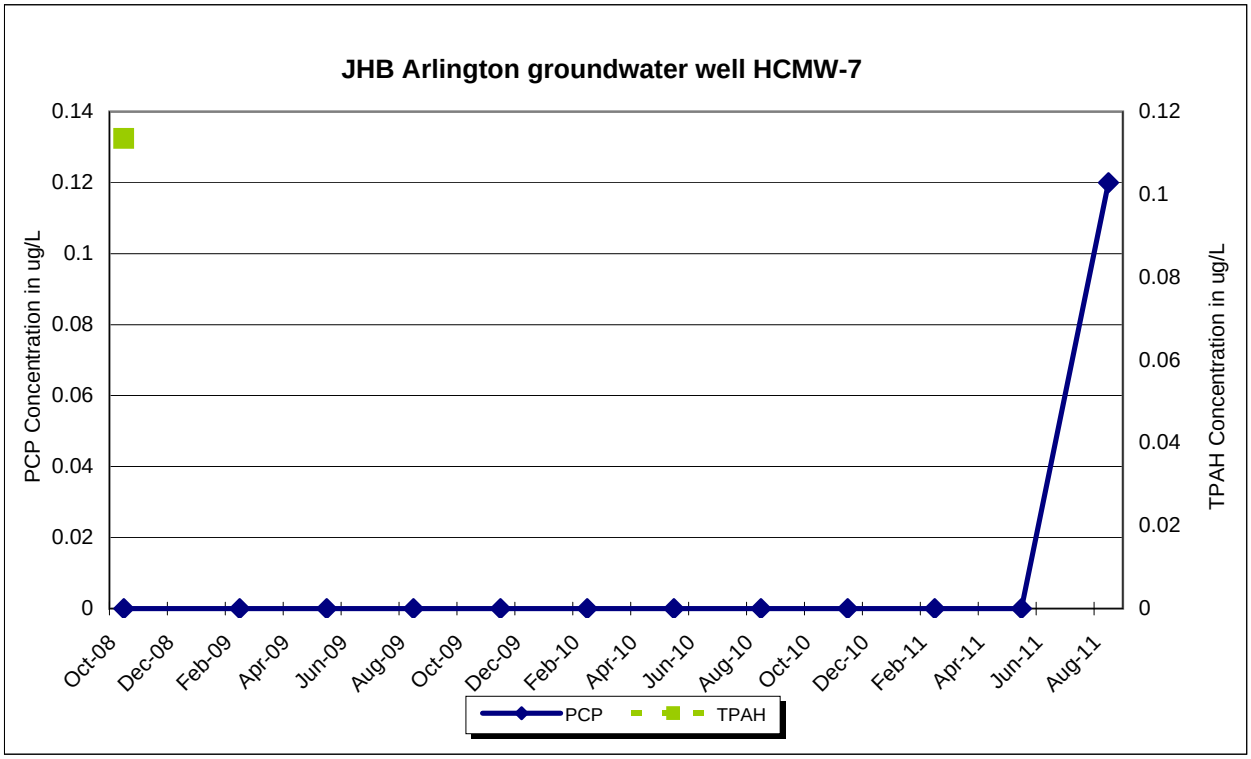
Time Series Plots – PCP and TPAH in Groundwater

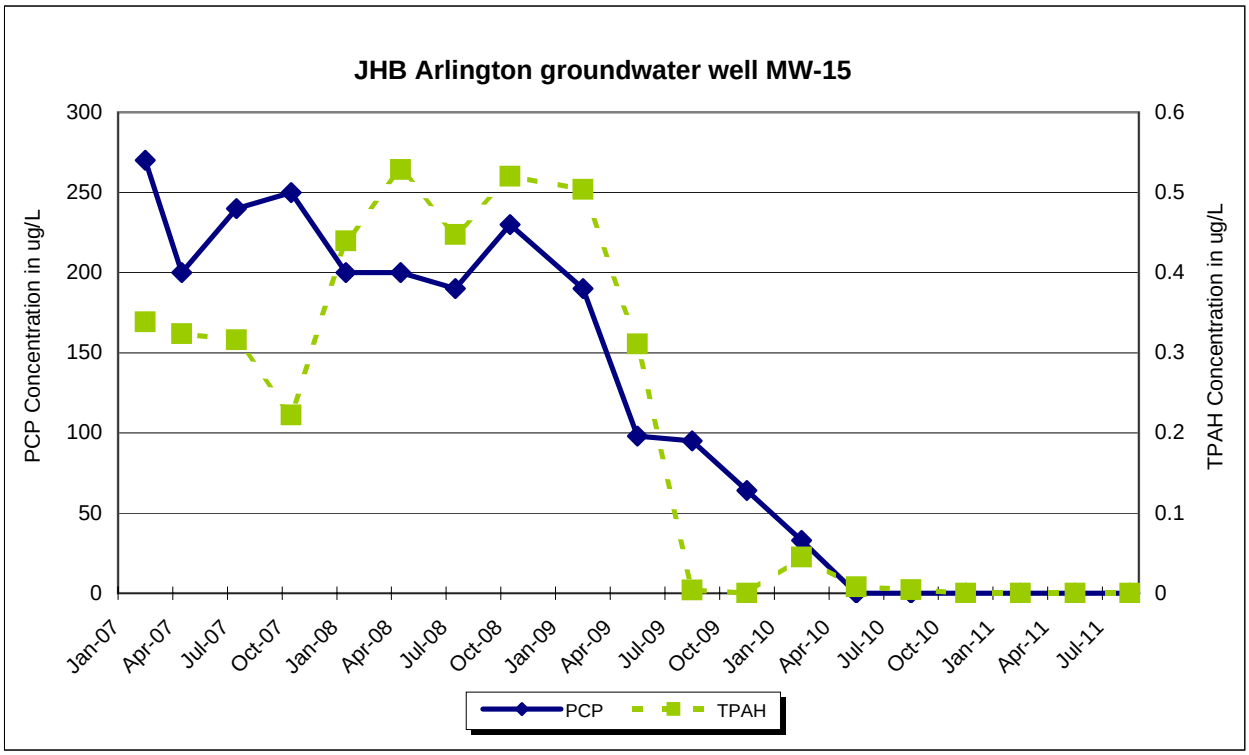

JHB Arlington groundwater well BXS-1
PCP Concentration in ug/L
TPAH Concentration in ug/L
100
90
80
70
60
50
40
30
20
10
0
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
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Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

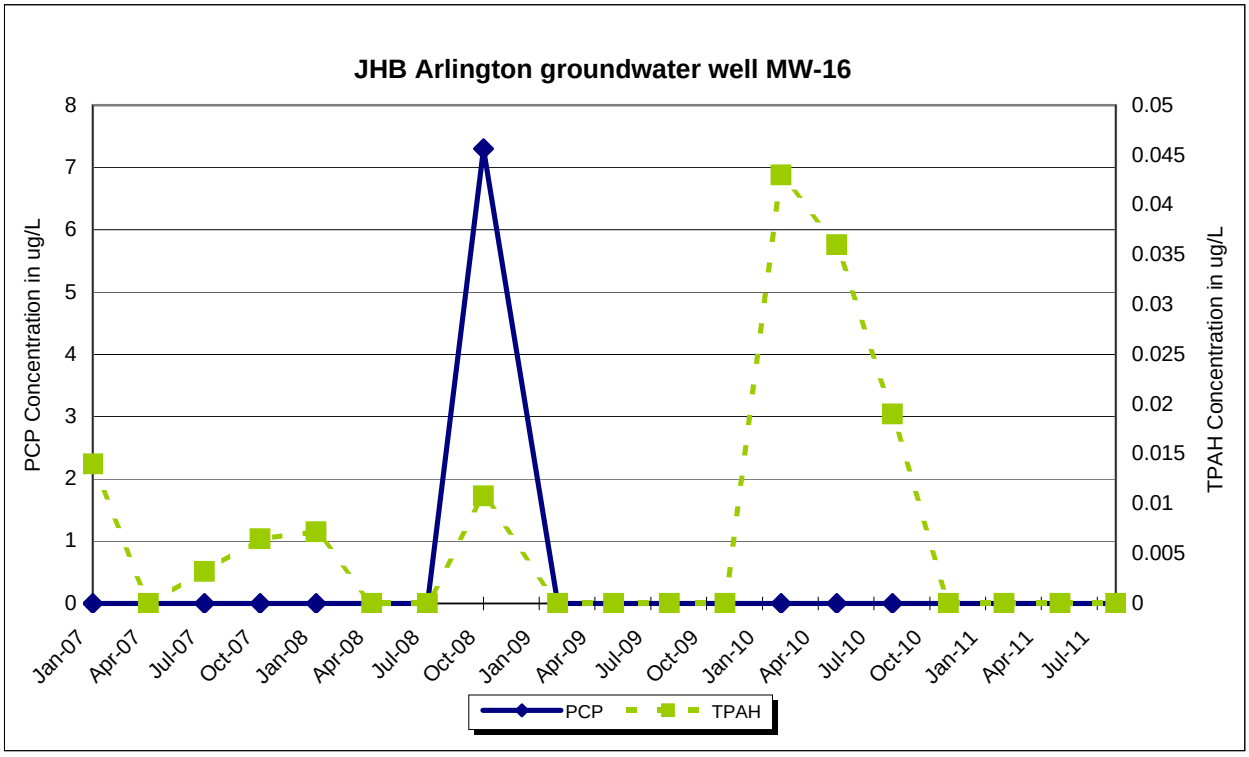

JHB Arlington groundwater well BXS-2
PCP Concentration in ug/L
TPAH Concentration in ug/L
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

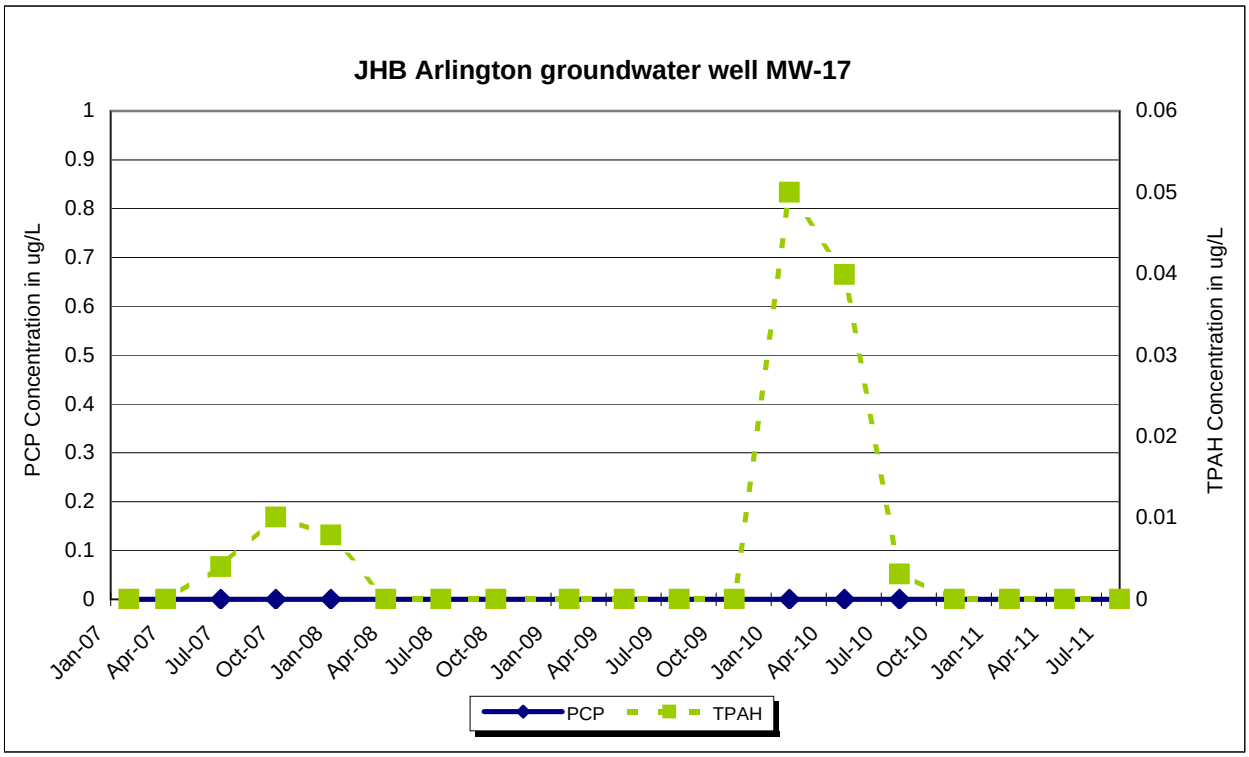

JHB Arlington groundwater well MW-2
PCP Concentration in ug/L
TPAH Concentration in ug/L
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

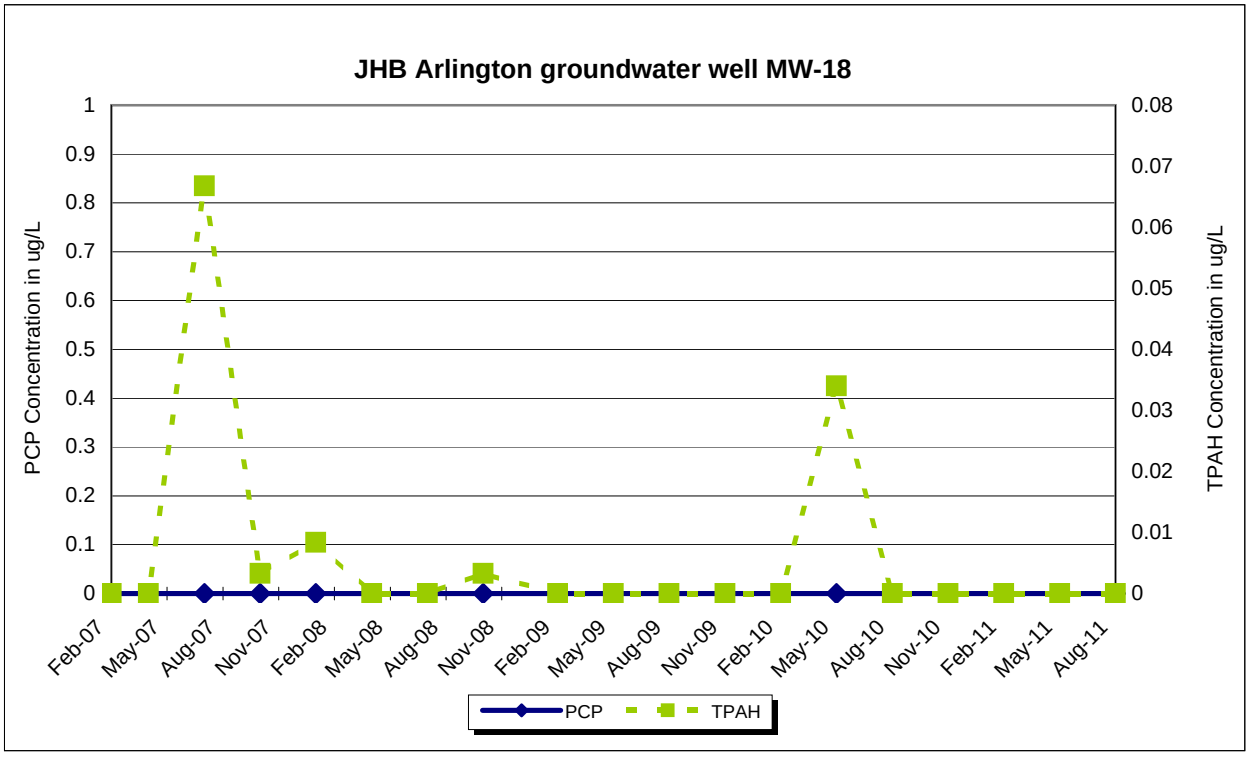

JHB Arlington groundwater well MW-3
PCP Concentration in ug/L
TPAH Concentration in ug/L
3000
2500
2000
1500
1000
500
0
12
10
8
6
4
2
0
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
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Jan-11
Apr-11
Jul-11
PCP
TPAH

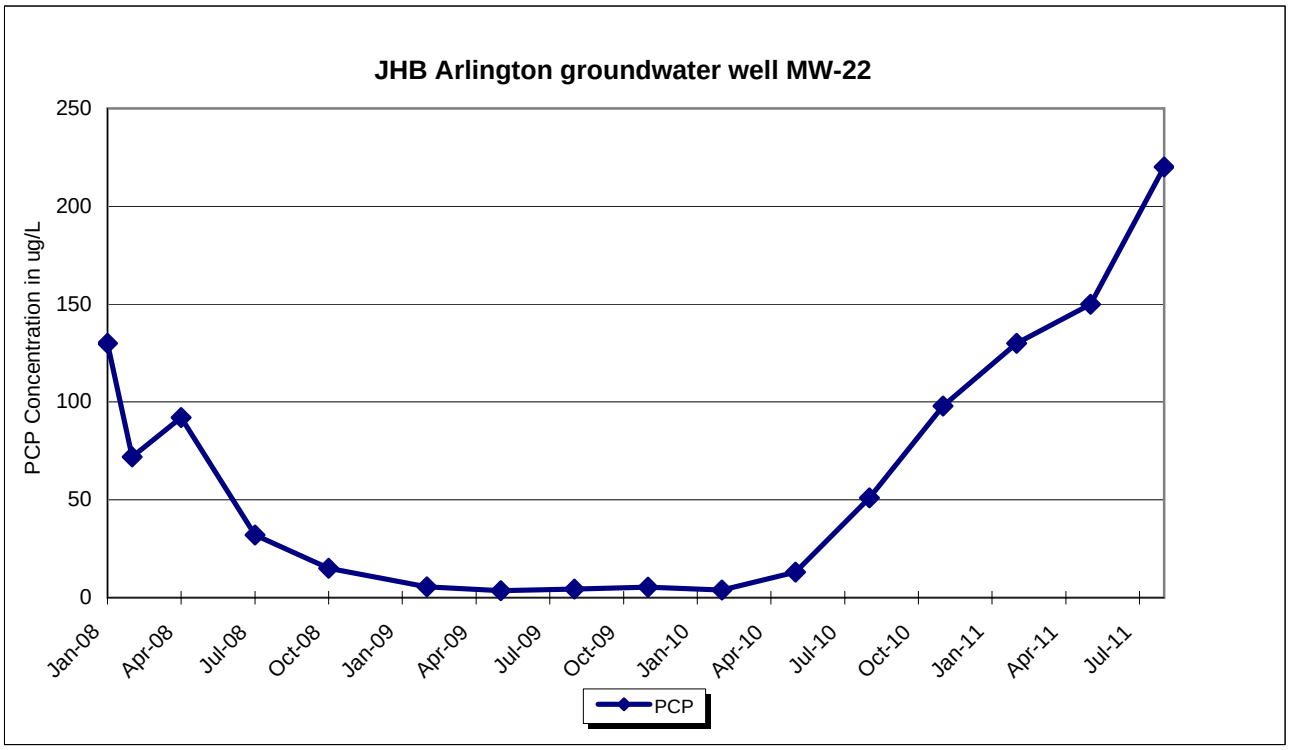

JHB Arlington groundwater well HCMW-7
PCP Concentration in ug/L
TPAH Concentration in ug/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Oct-08
Dec-08
Feb-09
Apr-09
Jun-09
Aug-09
Oct-09
Dec-09
Feb-10
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Aug-11
PCP
TPAH

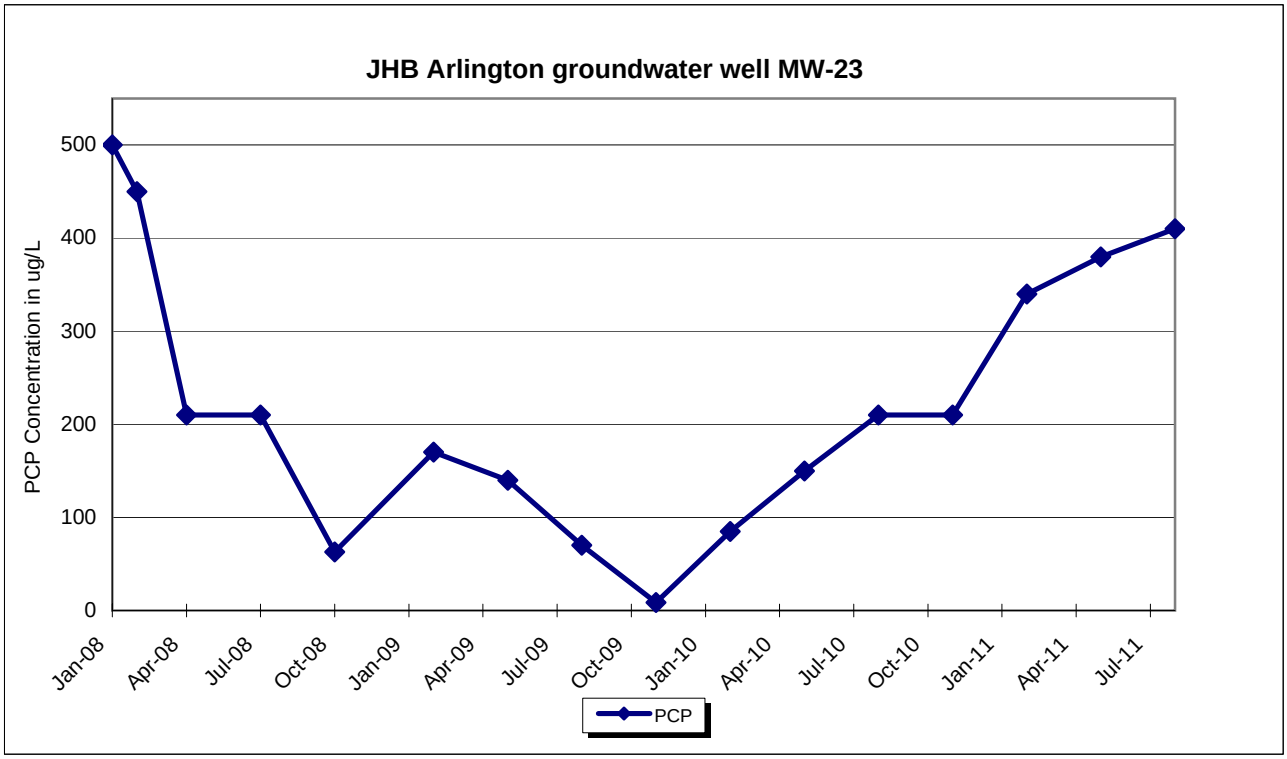

JHB Arlington groundwater well MW-15
PCP Concentration in ug/L
TPAH Concentration in ug/L
300
250
200
150
100
50
0
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

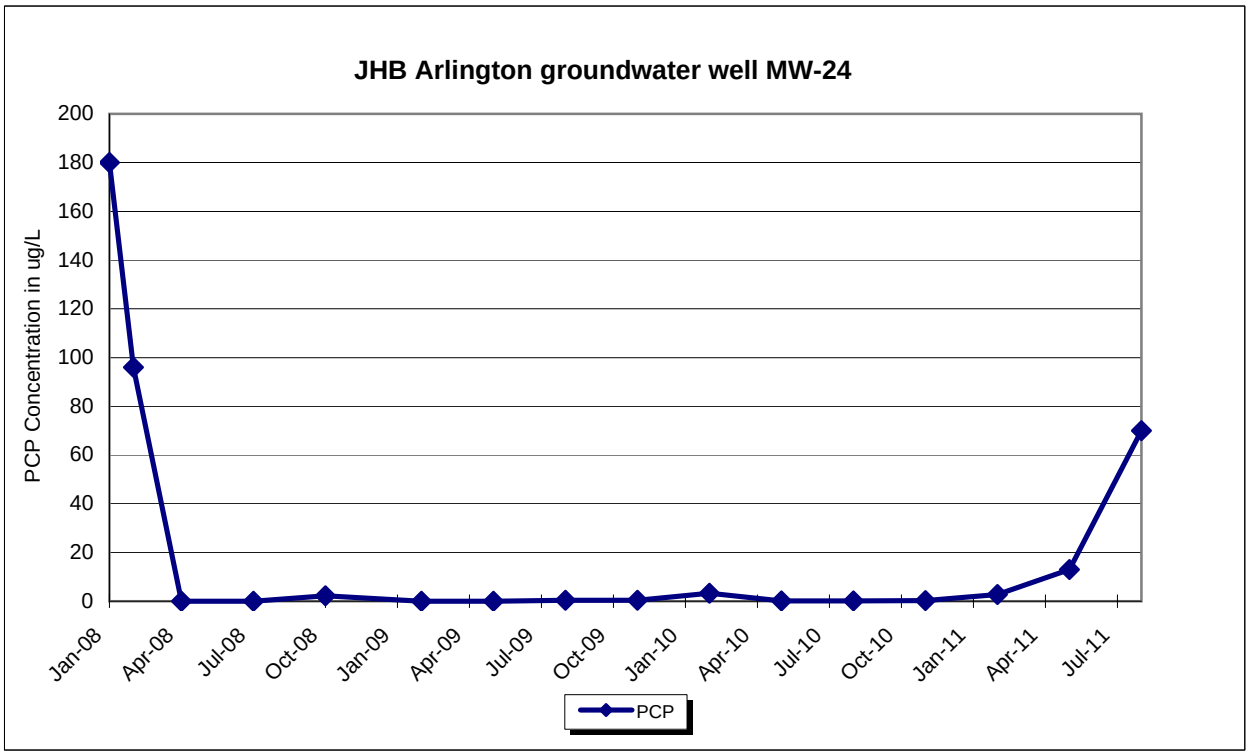

JHB Arlington groundwater well MW-16
PCP Concentration in ug/L
TPAH Concentration in ug/L
0
1
2
3
4
5
6
7
8
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

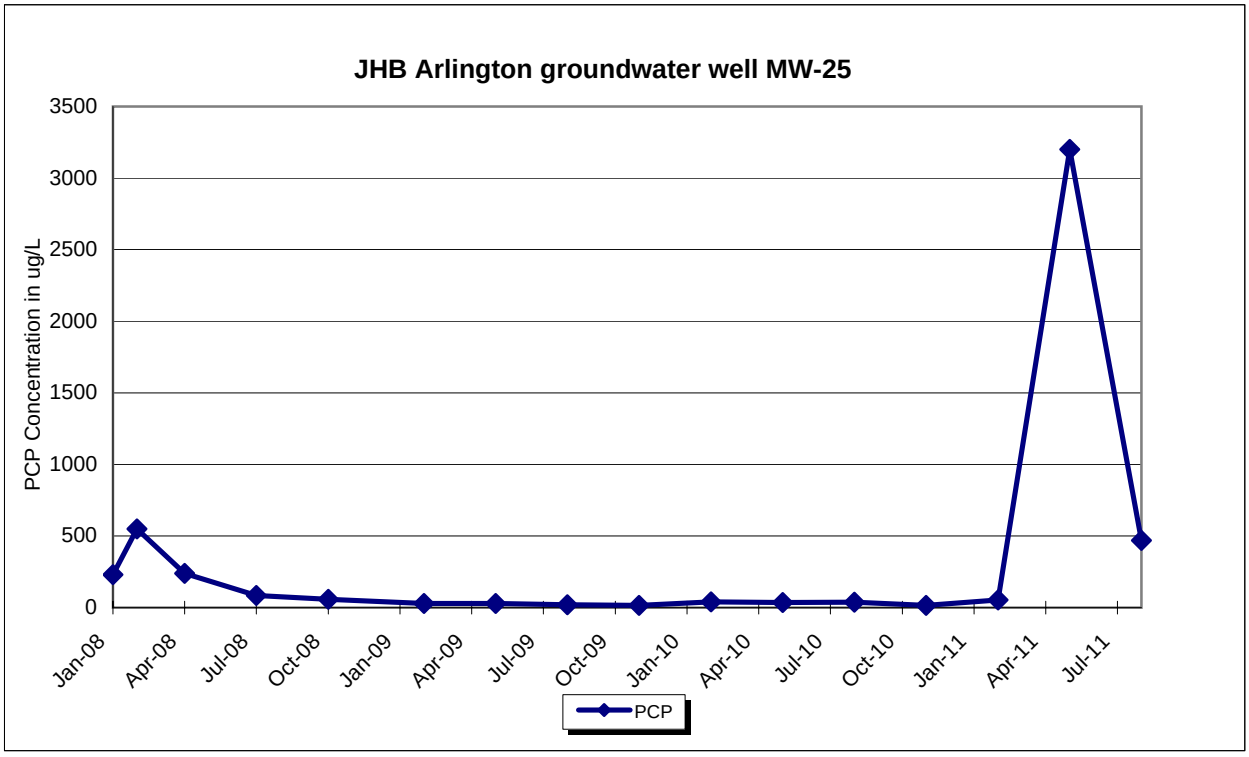

JHB Arlington groundwater well MW-17
PCP Concentration in ug/L
TPAH Concentration in ug/L
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
0.01
0.02
0.03
0.04
0.05
0.06
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

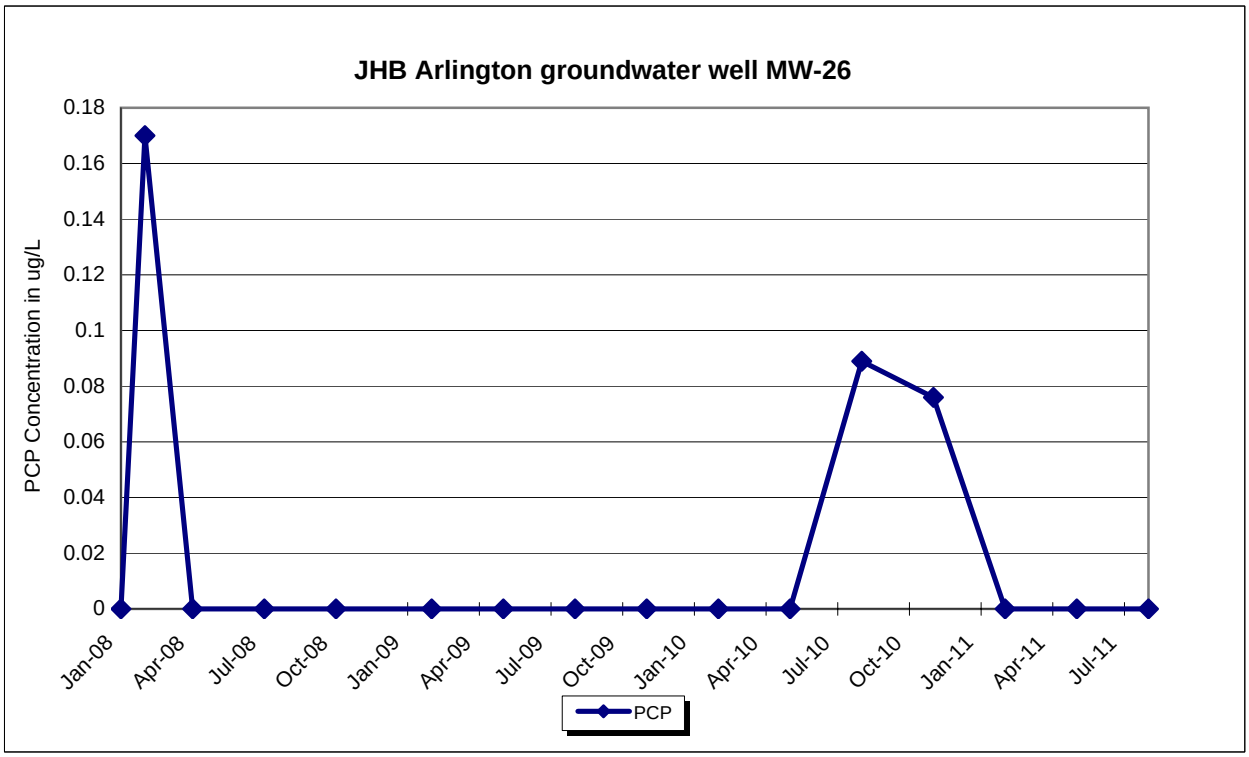

JHB Arlington groundwater well MW-18
PCP Concentration in ug/L
TPAH Concentration in ug/L
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Feb-07
May-07
Aug-07
Nov-07
Feb-08
May-08
Aug-08
Nov-08
Feb-09
May-09
Aug-09
Nov-09
Feb-10
May-10
Aug-10
Nov-10
Feb-11
May-11
Aug-11
PCP
TPAH

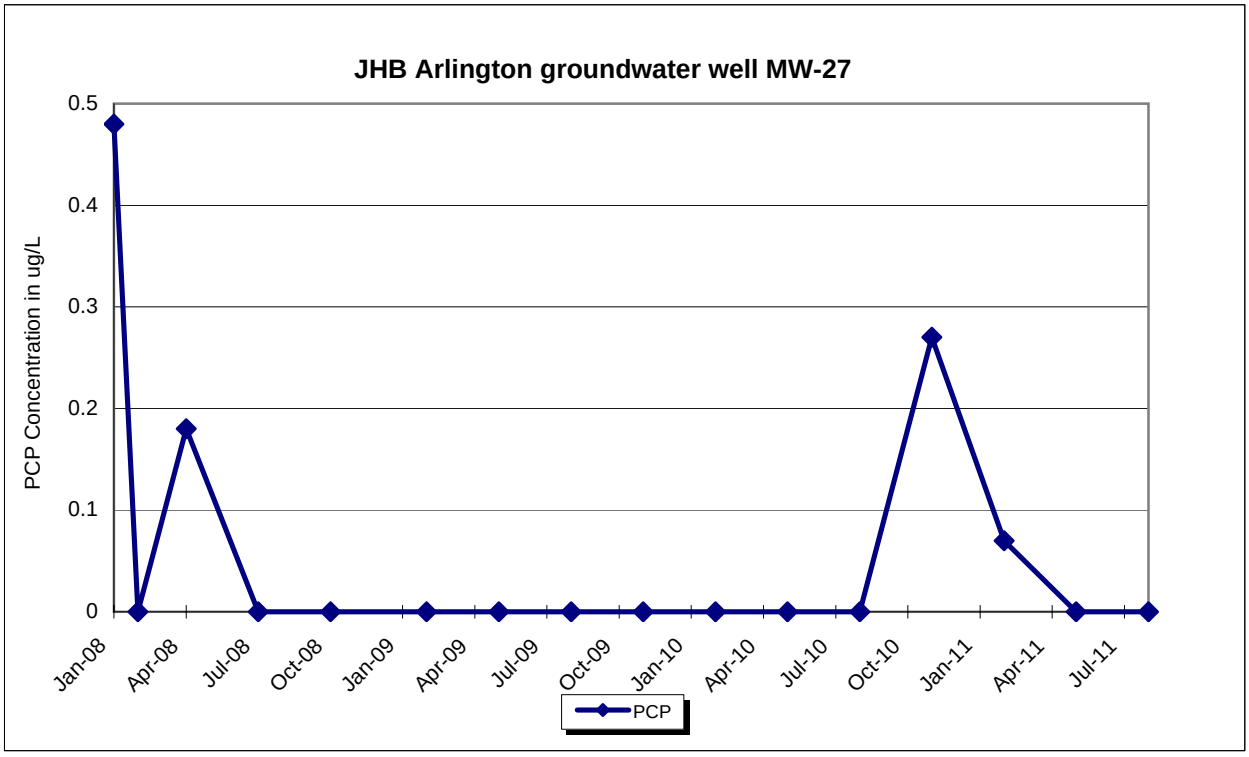

JHB Arlington groundwater well MW-22
PCP Concentration in ug/L
250
200
150
100
50
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

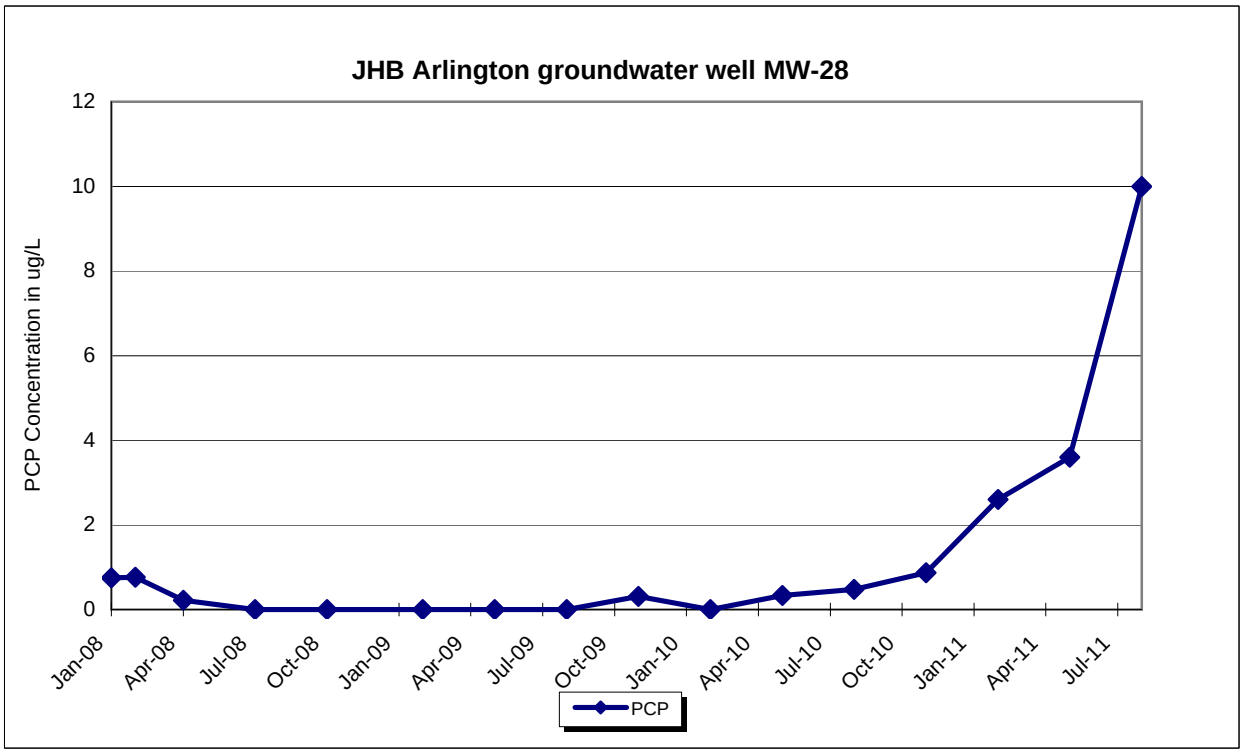

JHB Arlington groundwater well MW-23
PCP Concentration in ug/L
500
400
300
200
100
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

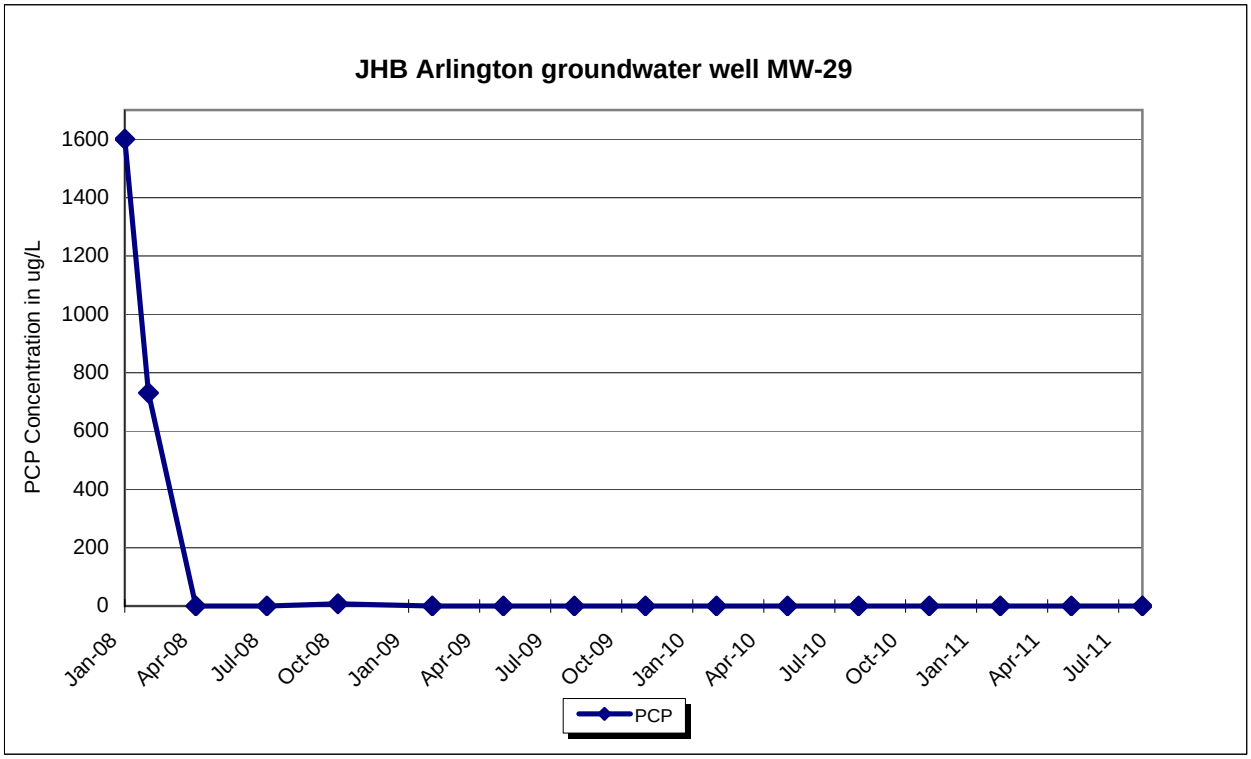

JHB Arlington groundwater well MW-24
PCP Concentration in ug/L
200
180
160
140
120
100
80
60
40
20
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

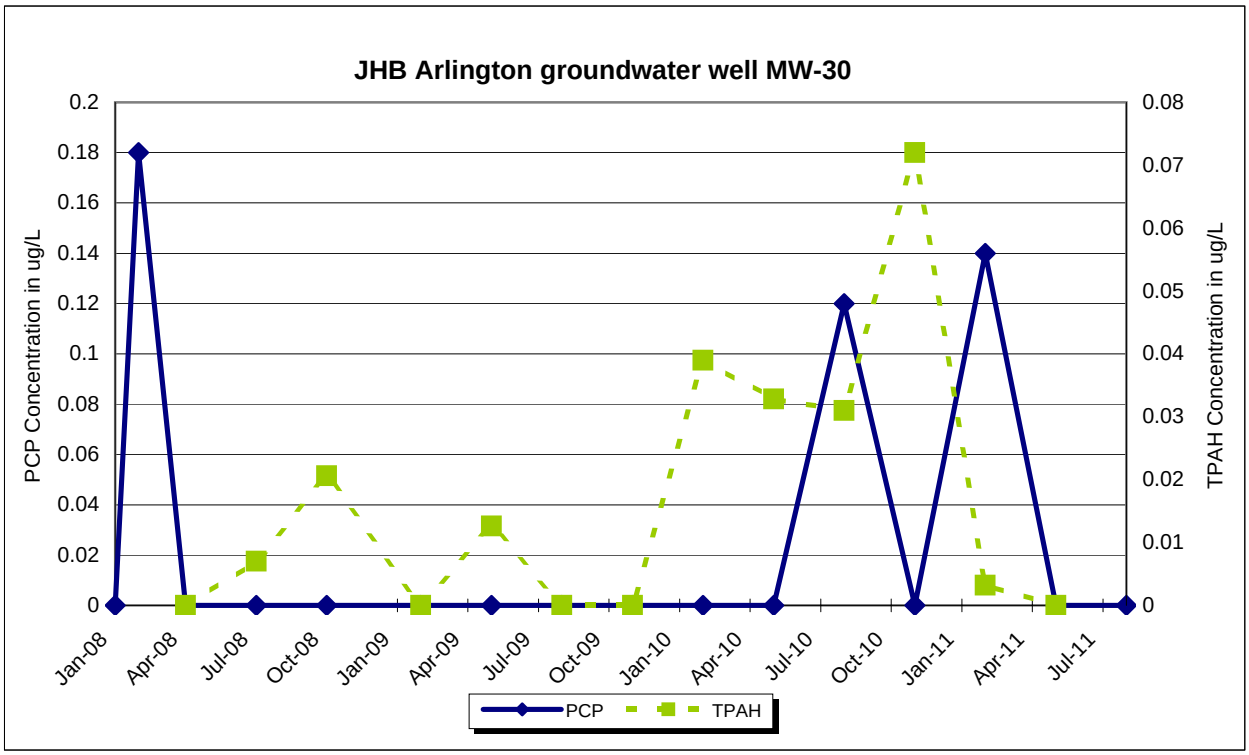

JHB Arlington groundwater well MW-25
PCP Concentration in ug/L
3500
3000
2500
2000
1500
1000
500
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

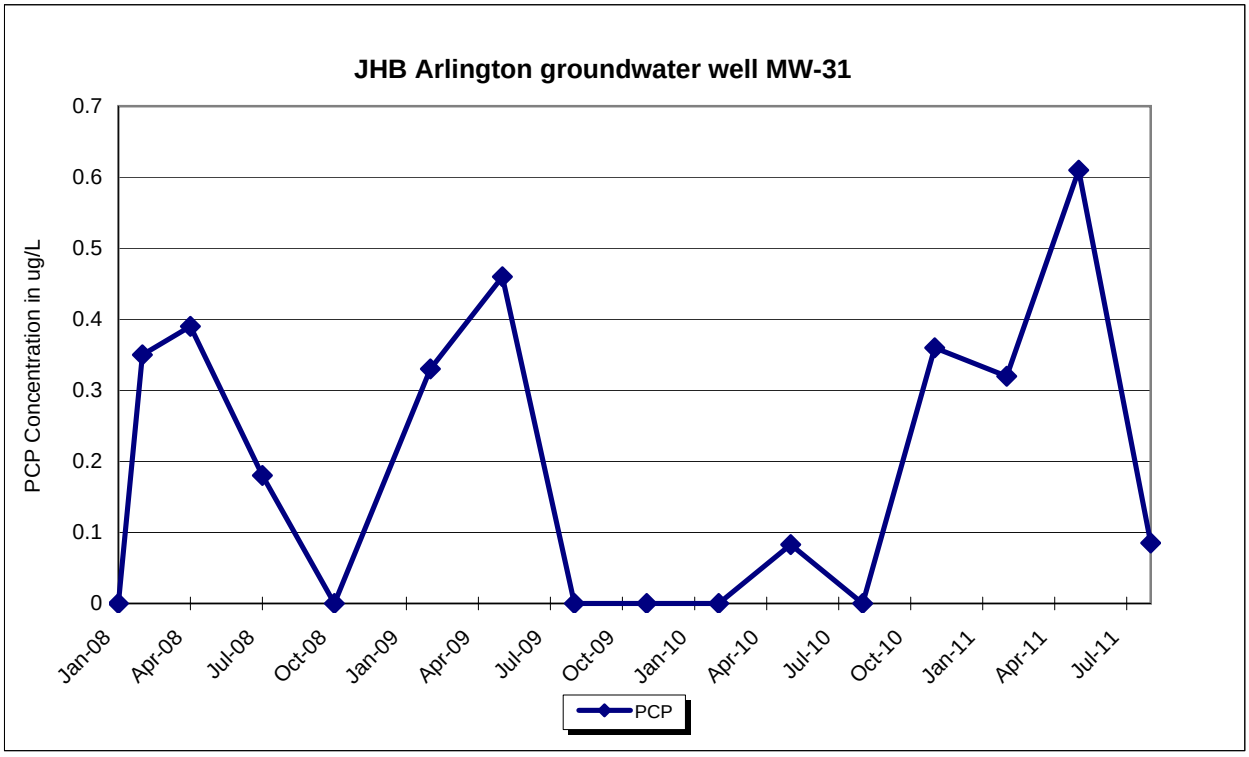

JHB Arlington groundwater well MW-26
PCP Concentration in ug/L
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

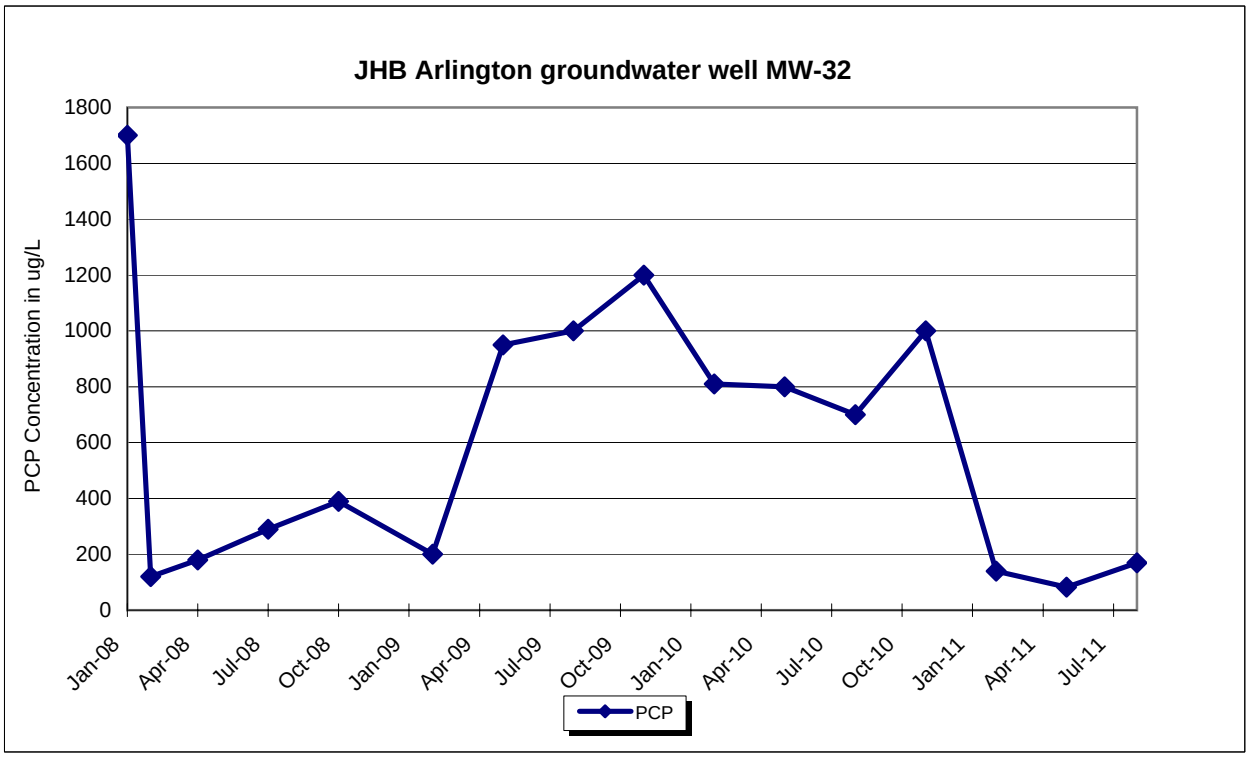

JHB Arlington groundwater well MW-27
PCP Concentration in ug/L
0.5
0.4
0.3
0.2
0.1
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

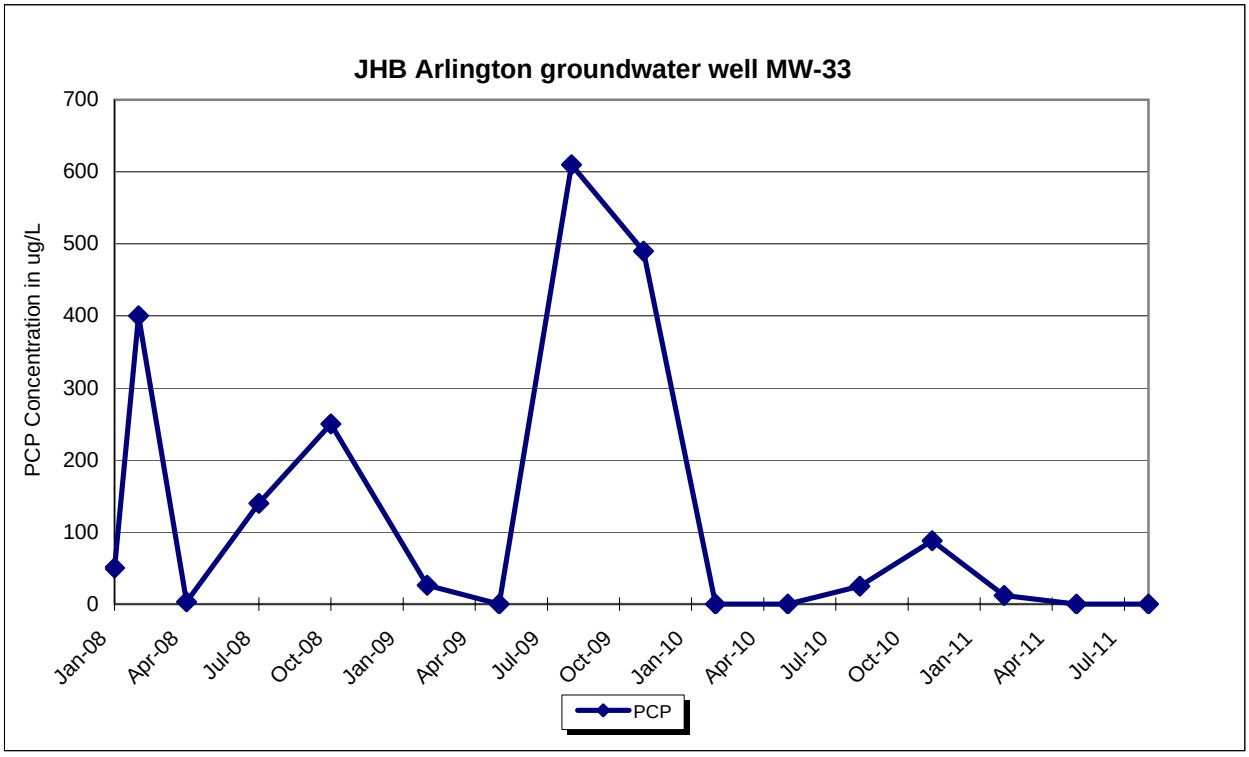

JHB Arlington groundwater well MW-28
PCP Concentration in ug/L
12
10
8
6
4
2
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

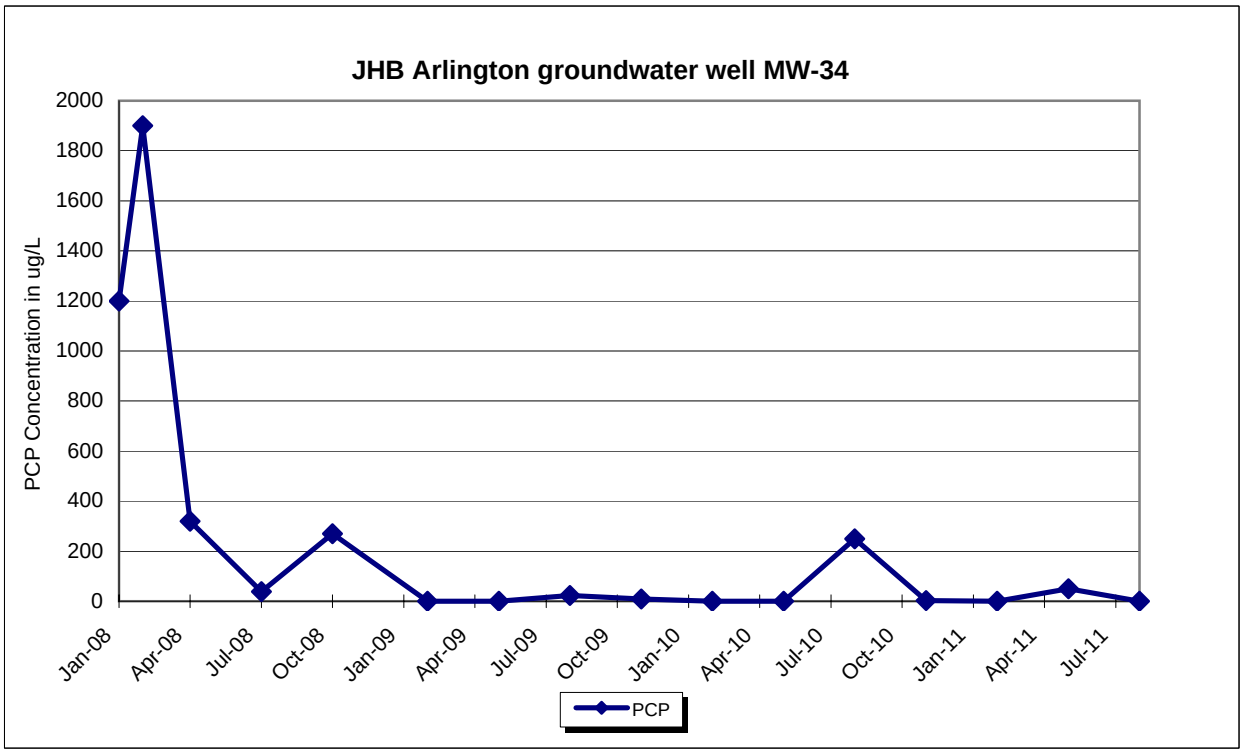

JHB Arlington groundwater well MW-29
PCP Concentration in ug/L
1600
1400
1200
1000
800
600
400
200
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

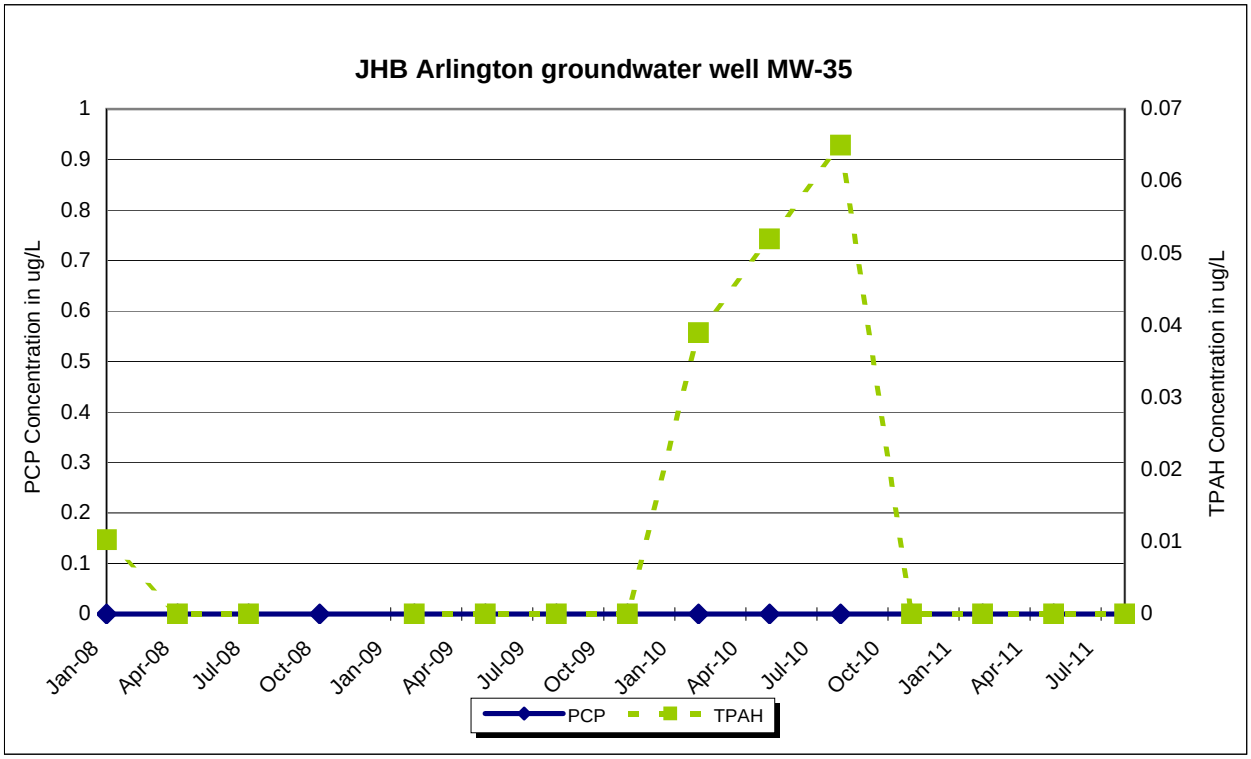

JHB Arlington groundwater well MW-30
PCP Concentration in ug/L
TPAH Concentration in ug/L
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

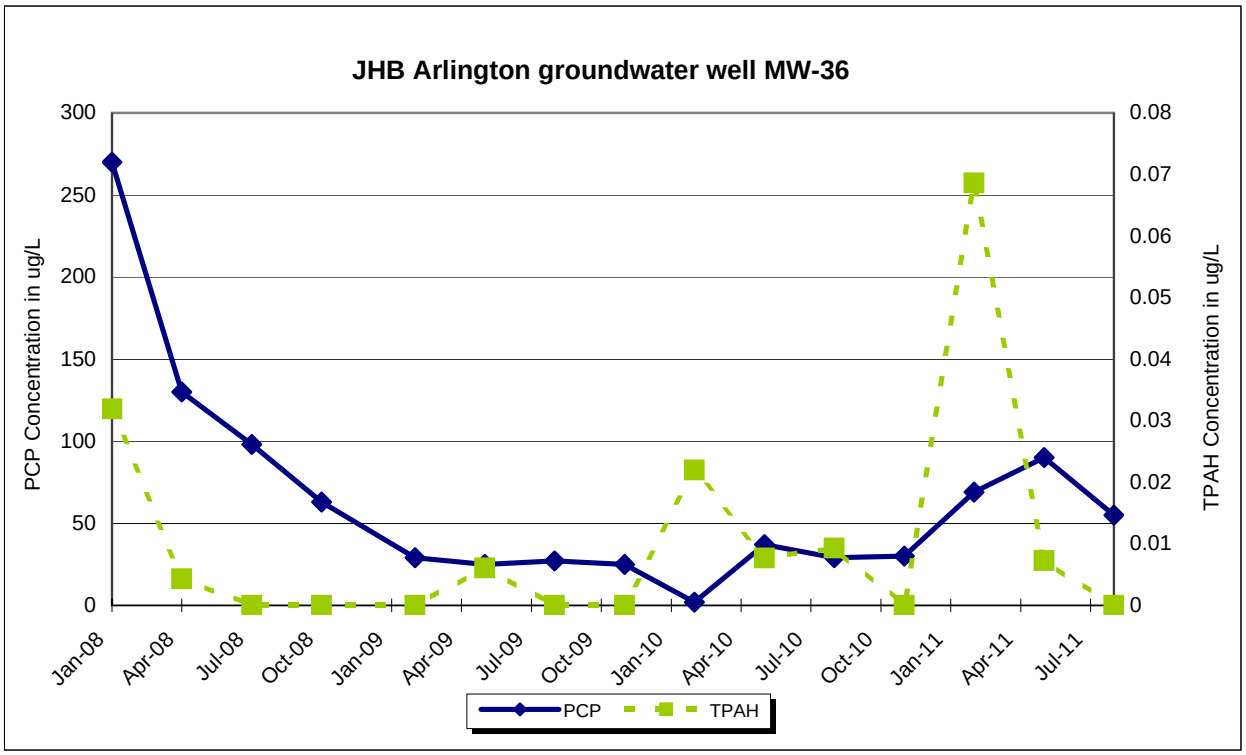

JHB Arlington groundwater well MW-31
PCP Concentration in ug/L
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

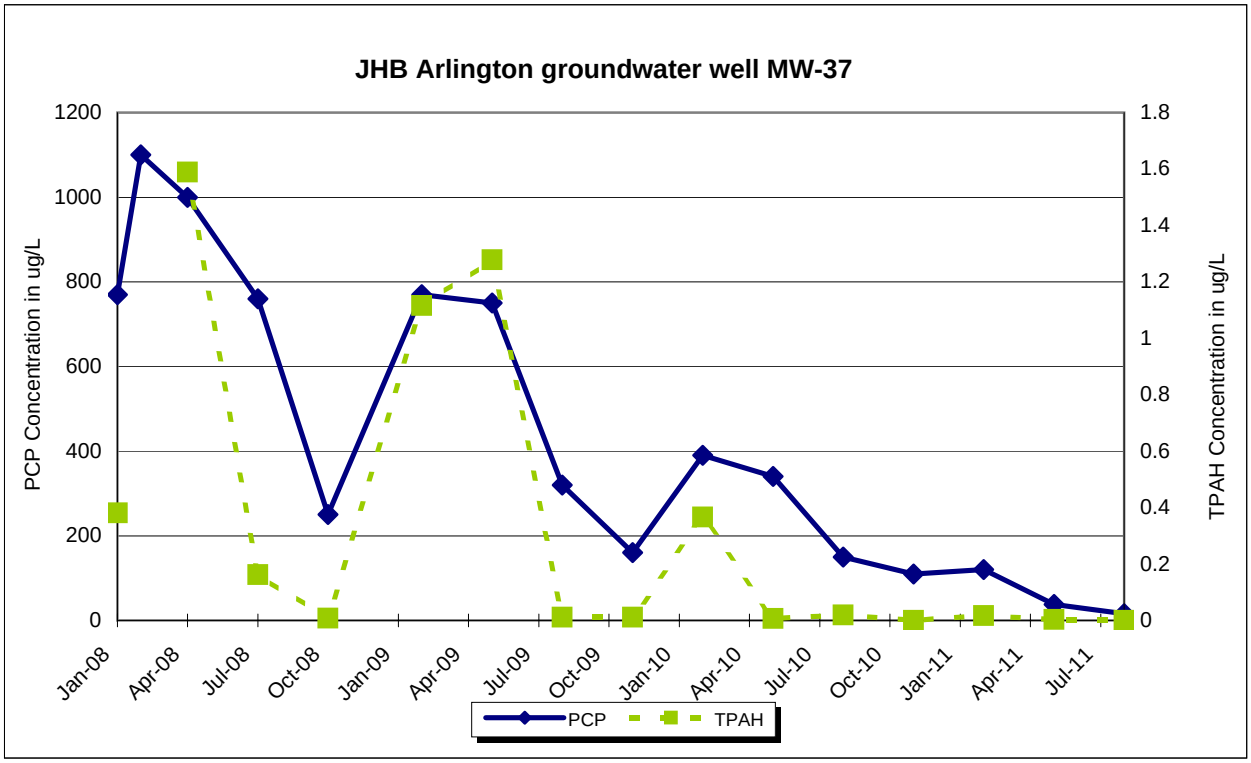

JHB Arlington groundwater well MW-32
PCP Concentration in ug/L
1800
1600
1400
1200
1000
800
600
400
200
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

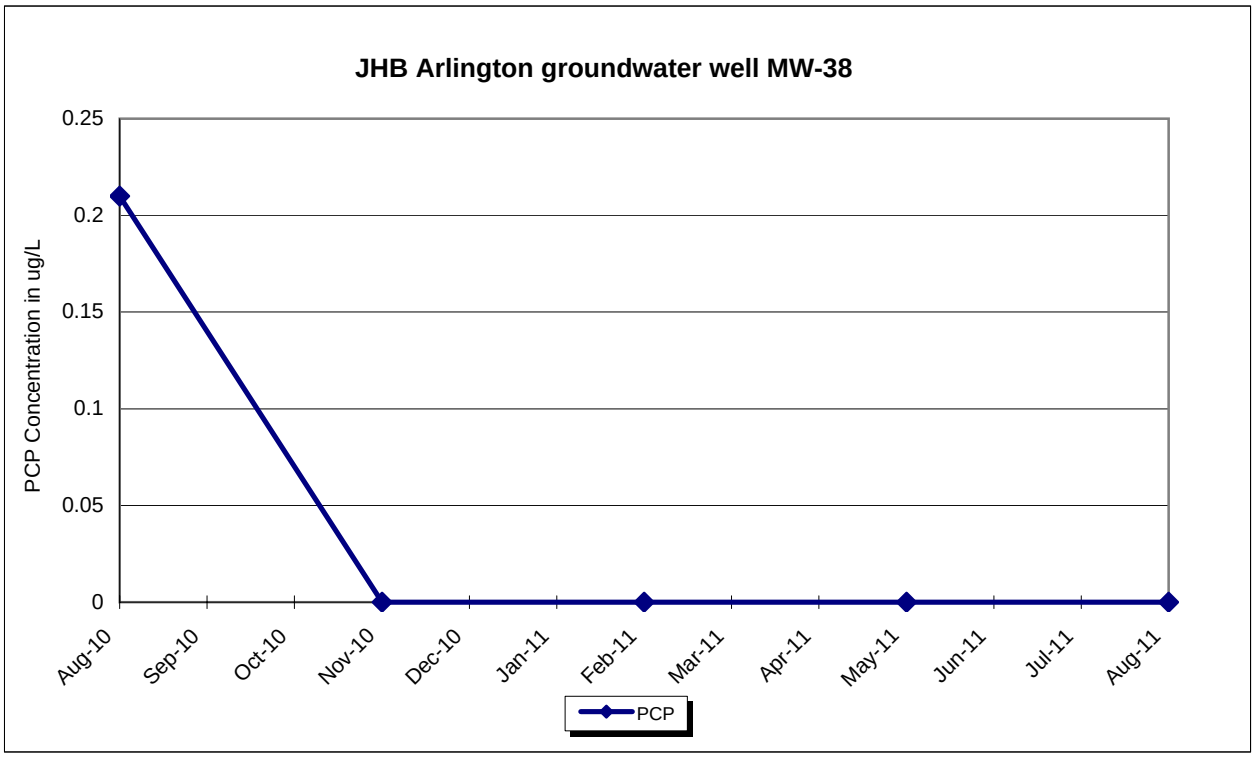

JHB Arlington groundwater well MW-33
PCP Concentration in ug/L
700
600
500
400
300
200
100
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

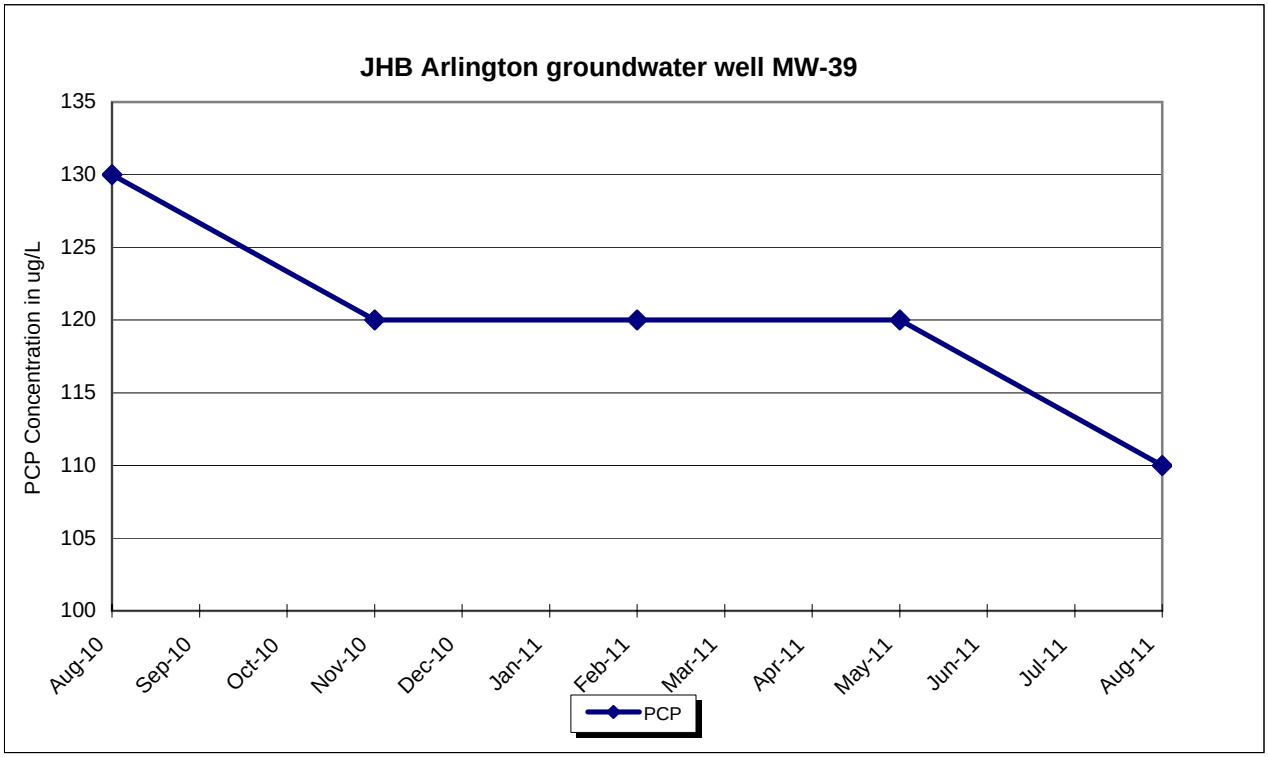

JHB Arlington groundwater well MW-34
PCP Concentration in ug/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP

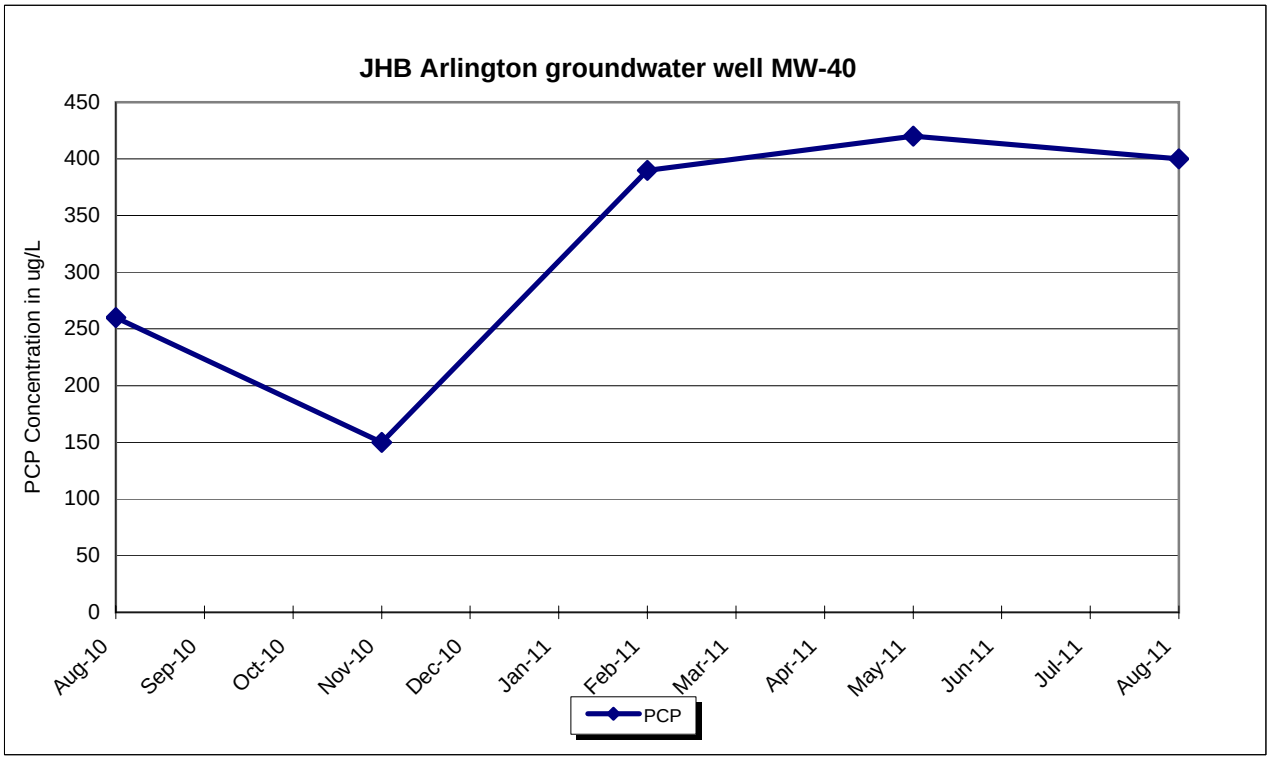

JHB Arlington groundwater well MW-35
PCP Concentration in ug/L
TPAH Concentration in ug/L
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
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Jan-11
Apr-11
Jul-11
PCP
TPAH

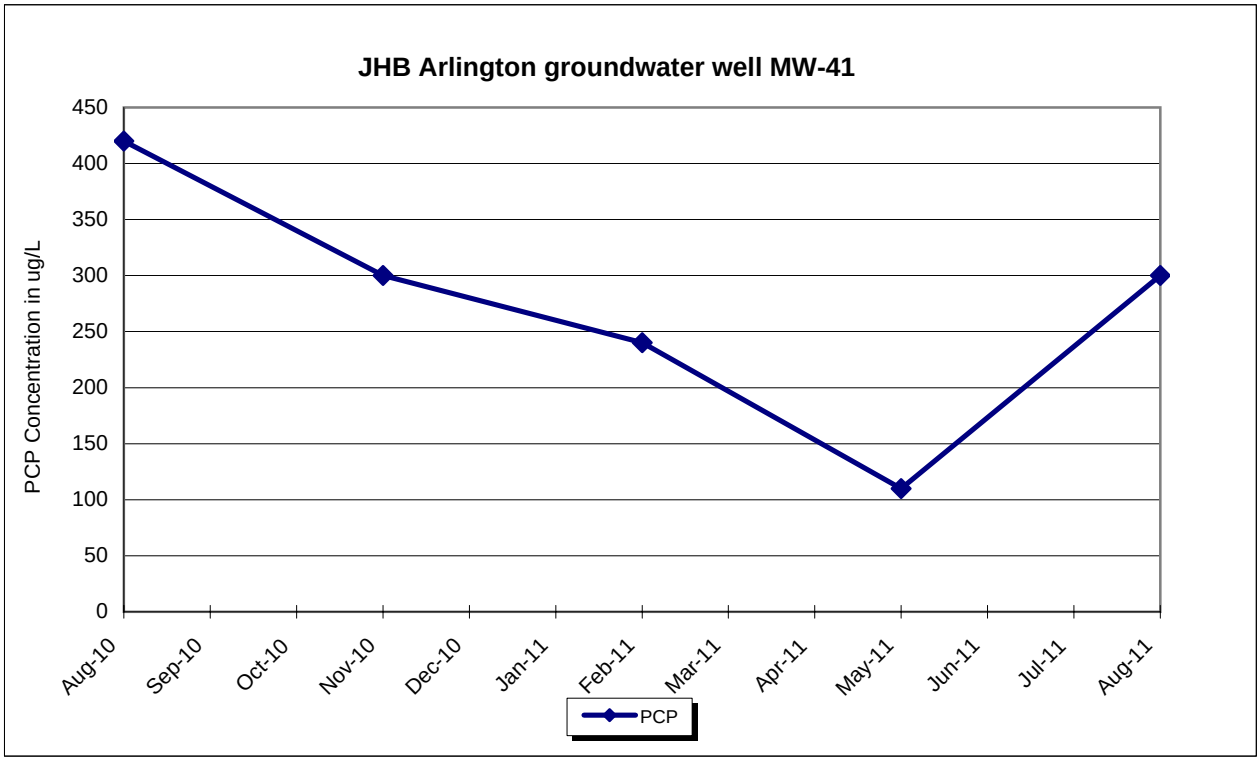

JHB Arlington groundwater well MW-36
PCP Concentration in ug/L
TPAH Concentration in ug/L
300
250
200
150
100
50
0
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
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Apr-11
Jul-11
PCP
TPAH

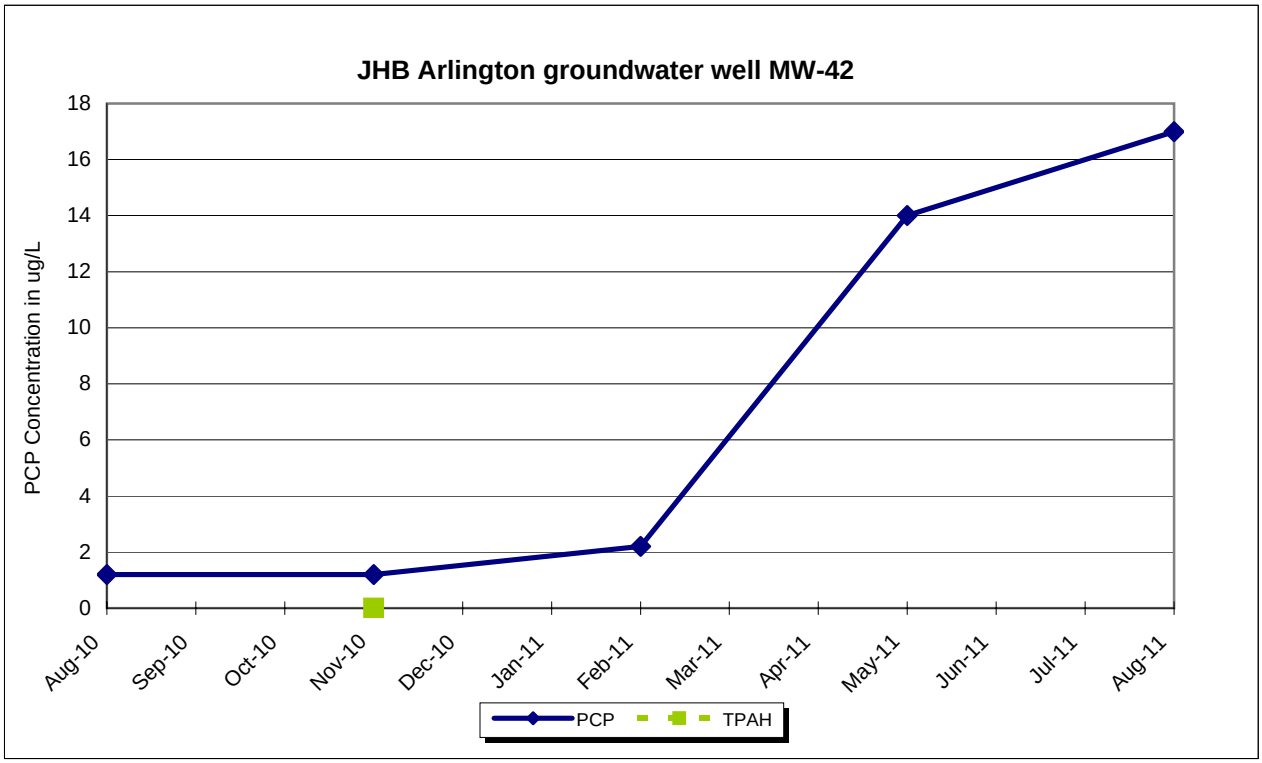

JHB Arlington groundwater well MW-37
PCP Concentration in ug/L
TPAH Concentration in ug/L
1200
1000
800
600
400
200
0
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
PCP
TPAH

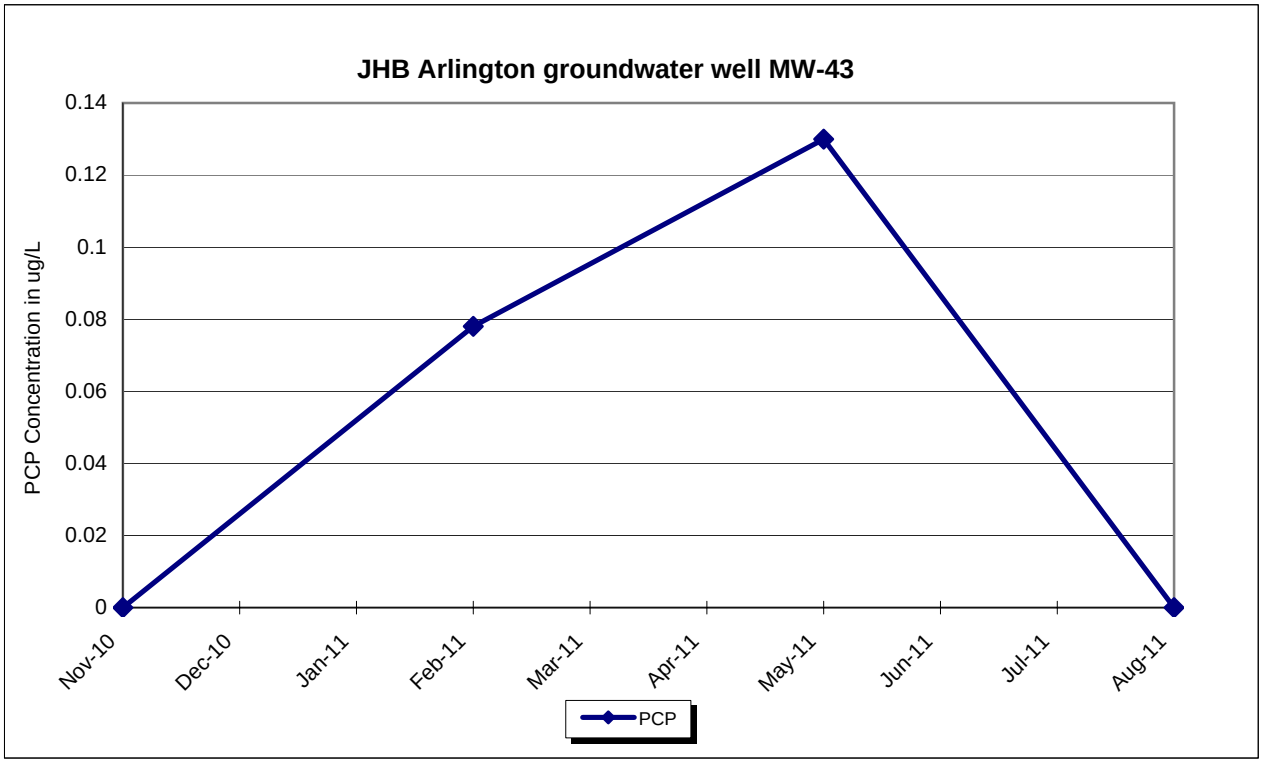

JHB Arlington groundwater well MW-38
PCP Concentration in ug/L
0.25
0.2
0.15
0.1
0.05
0
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP

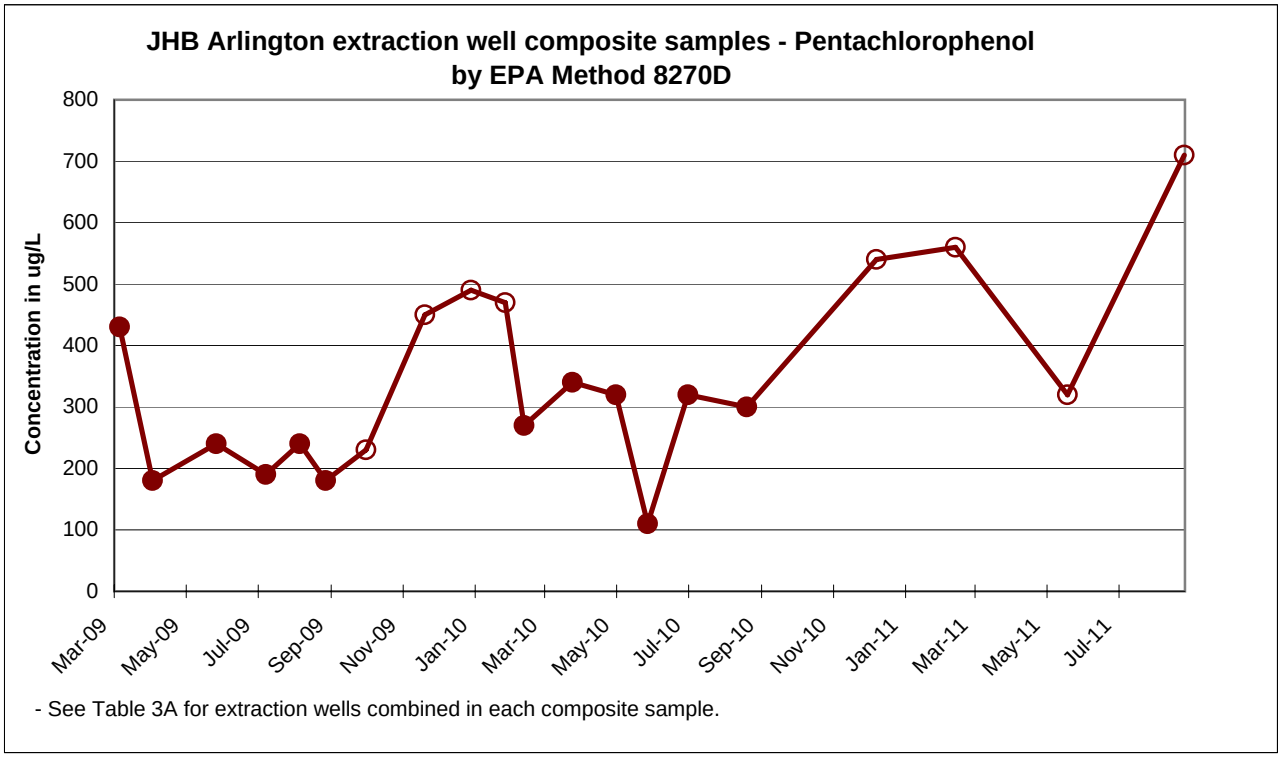

JHB Arlington groundwater well MW-39
PCP Concentration in ug/L
135
130
125
120
115
110
105
100
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP


JHB Arlington groundwater well MW-40
PCP Concentration in ug/L
450
400
350
300
250
200
150
100
50
0
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP

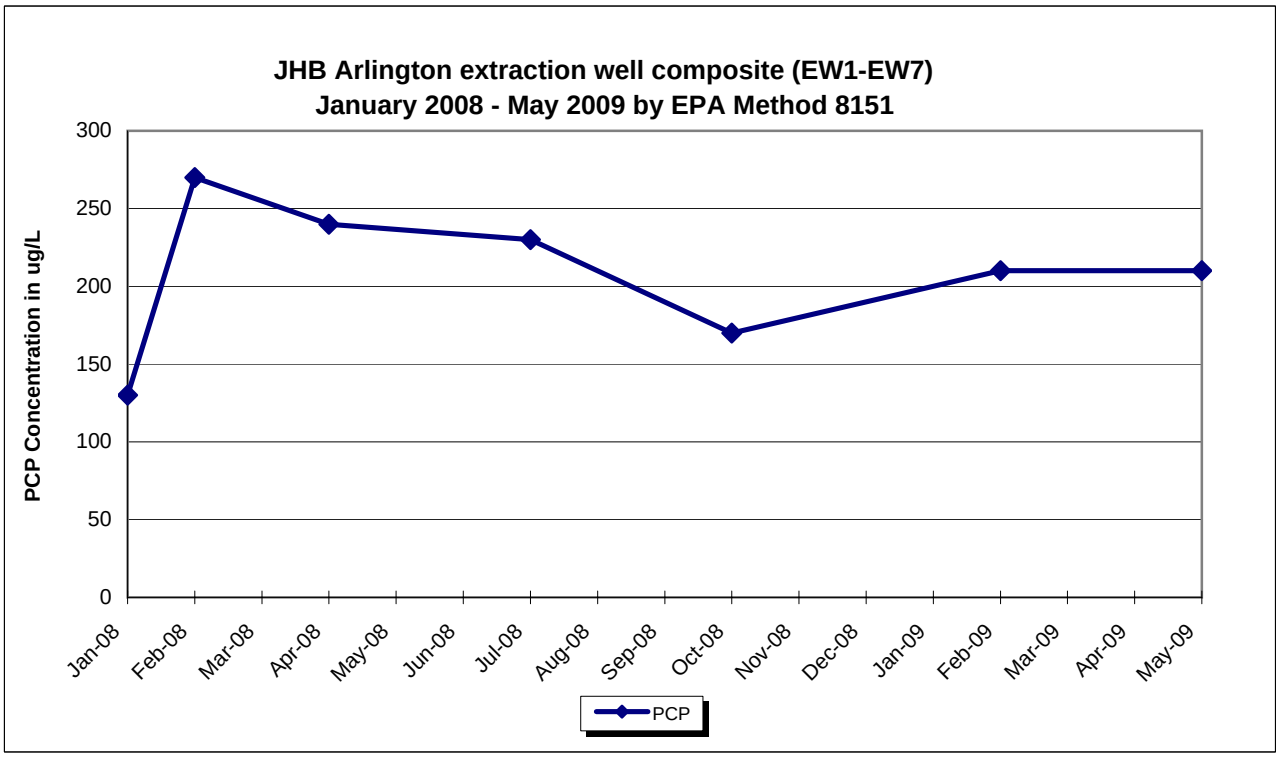

JHB Arlington groundwater well MW-41
PCP Concentration in ug/L
450
400
350
300
250
200
150
100
50
0
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP

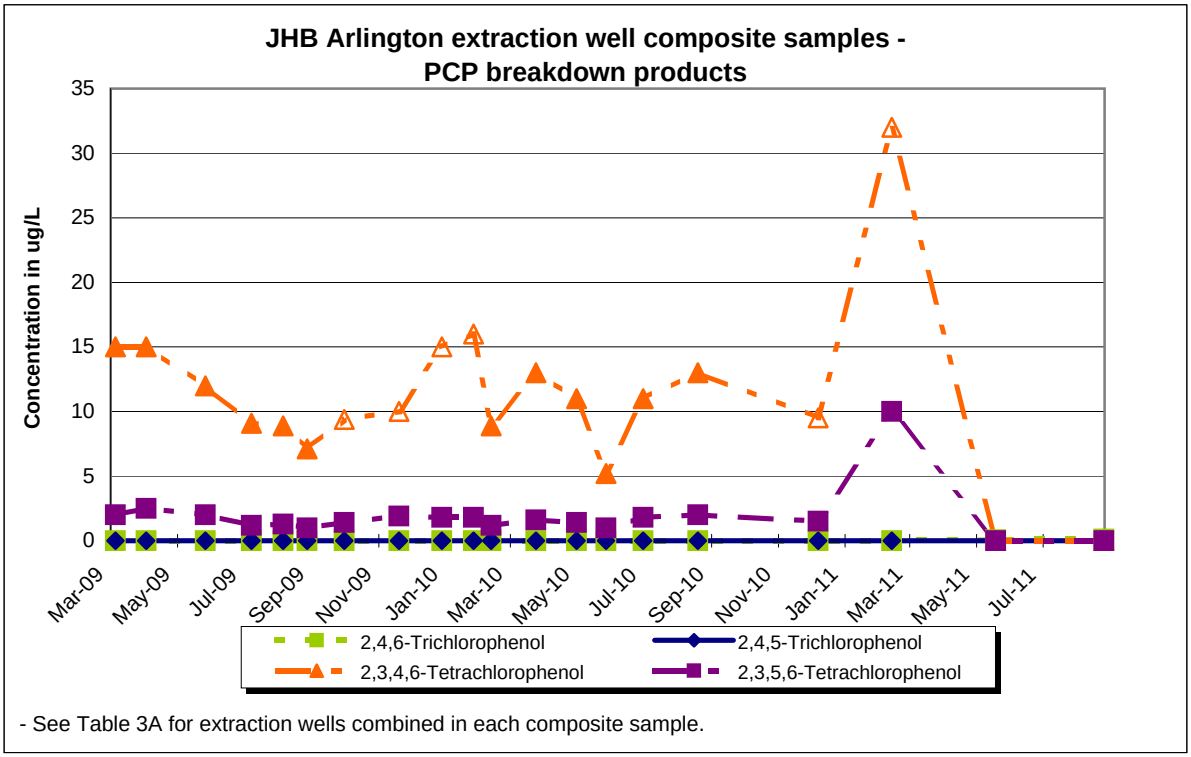

JHB Arlington groundwater well MW-42
PCP Concentration in ug/L
18
16
14
12
10
8
6
4
2
0
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP
TPAH


JHB Arlington groundwater well MW-43
PCP Concentration in ug/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
PCP



- See Table 3A for extraction wells combined in each composite sample.



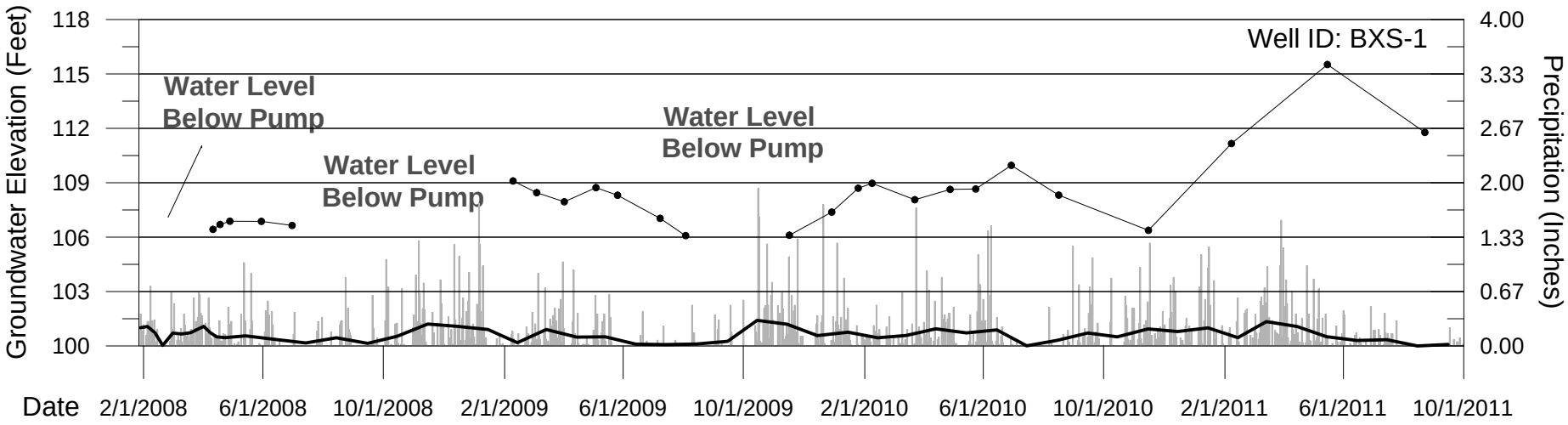


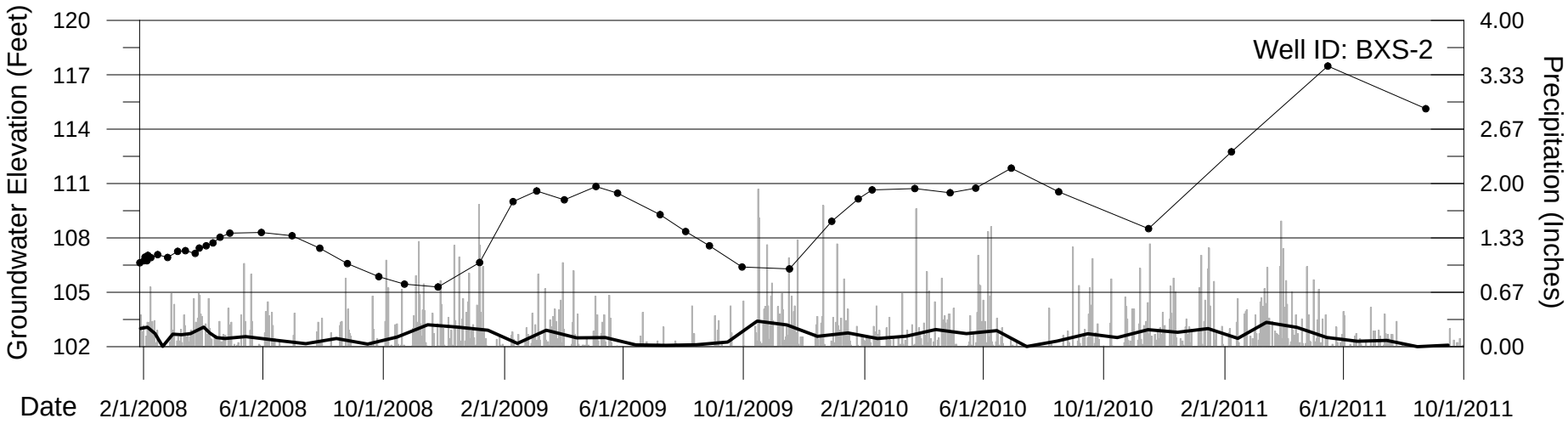
- See Table 3A for extraction wells combined in each composite sample.

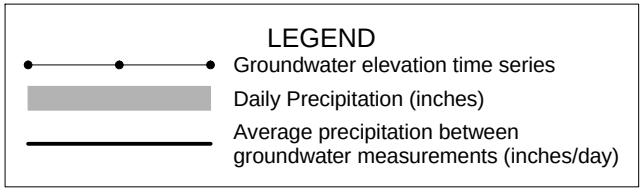
Appendix B

Groundwater Hydrographs

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







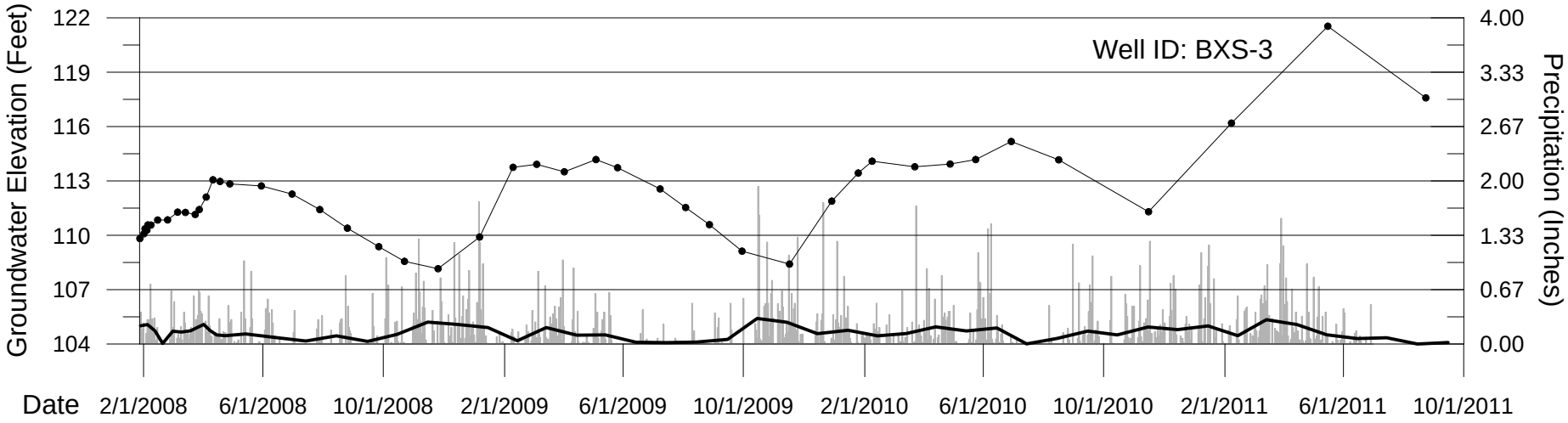
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

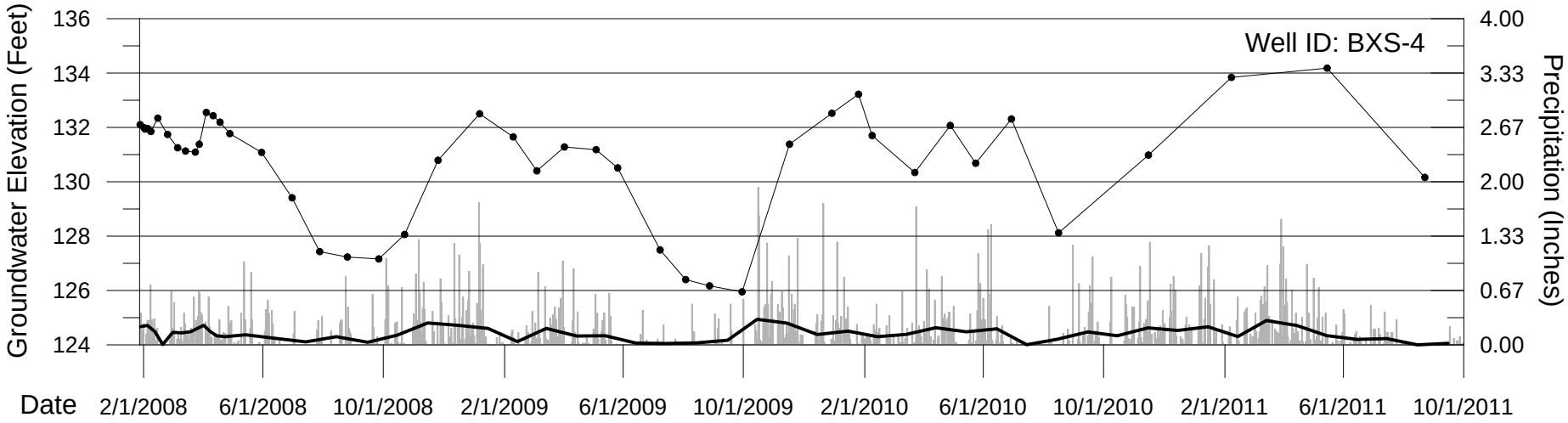
amec

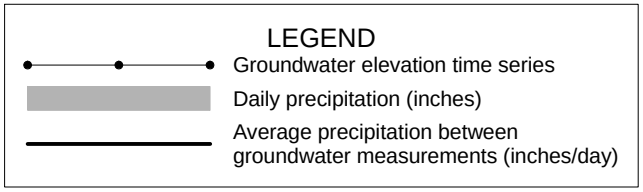
GROUNDWATER ELEVATION VERSUS TIME: WELLS BXS-1 AND BXS-2
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.1

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







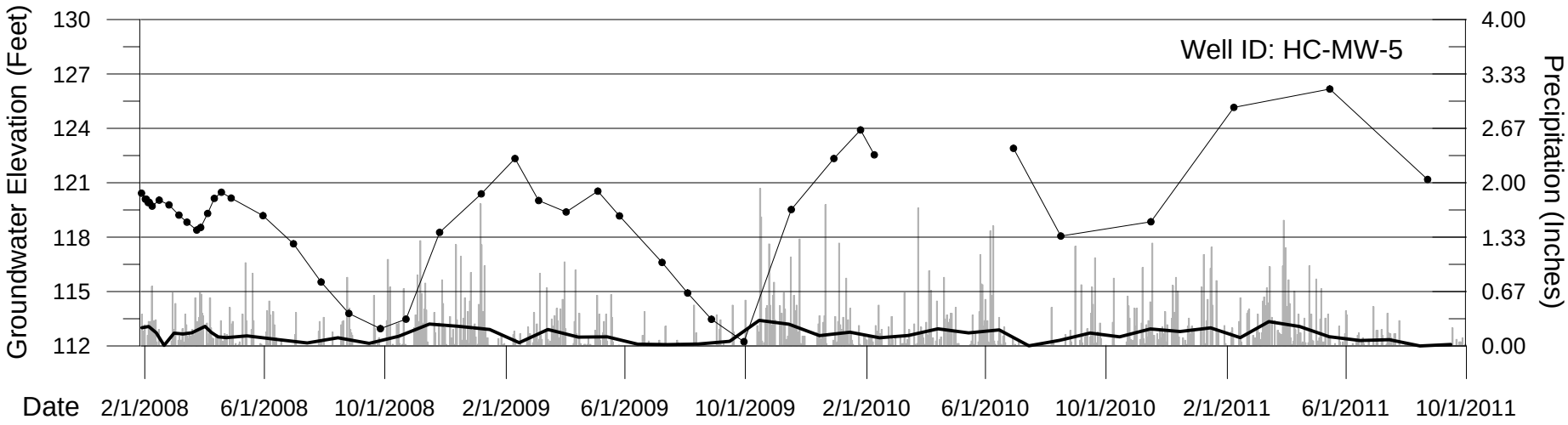
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

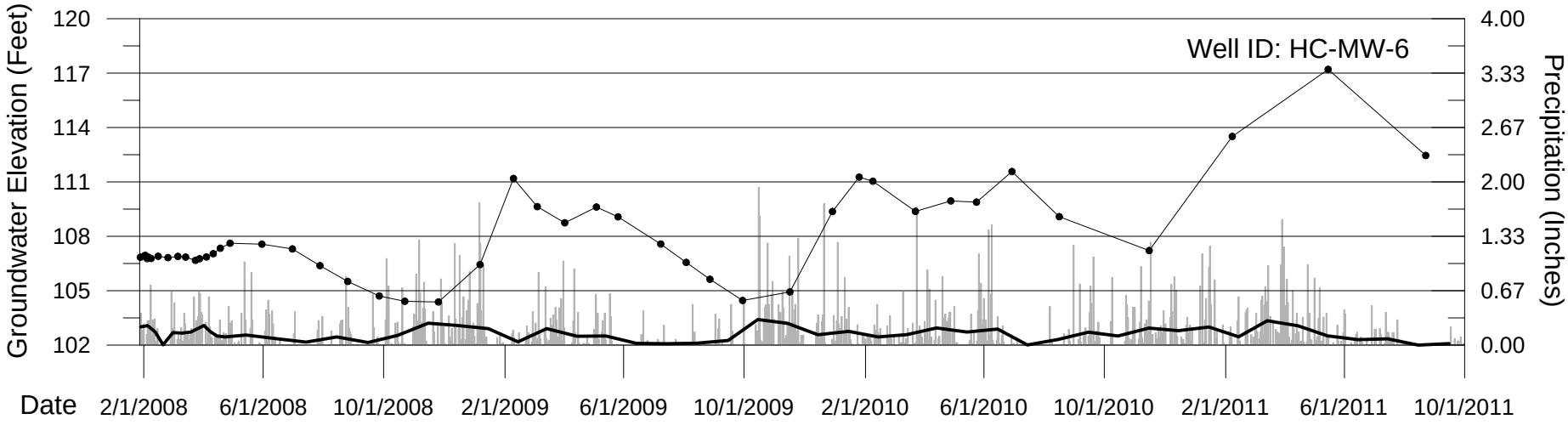
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GROUNDWATER ELEVATION VERSUS TIME: WELLS BXS-3 AND BXS-4
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

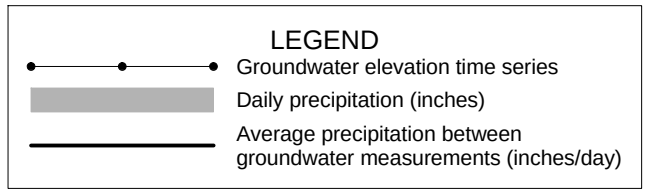
Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.2

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf





Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Groundwater elevation was not collected at HC-MW-5 during the March and April 2010 sampling period due to damaged well monument lid that could not be opened.
5. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

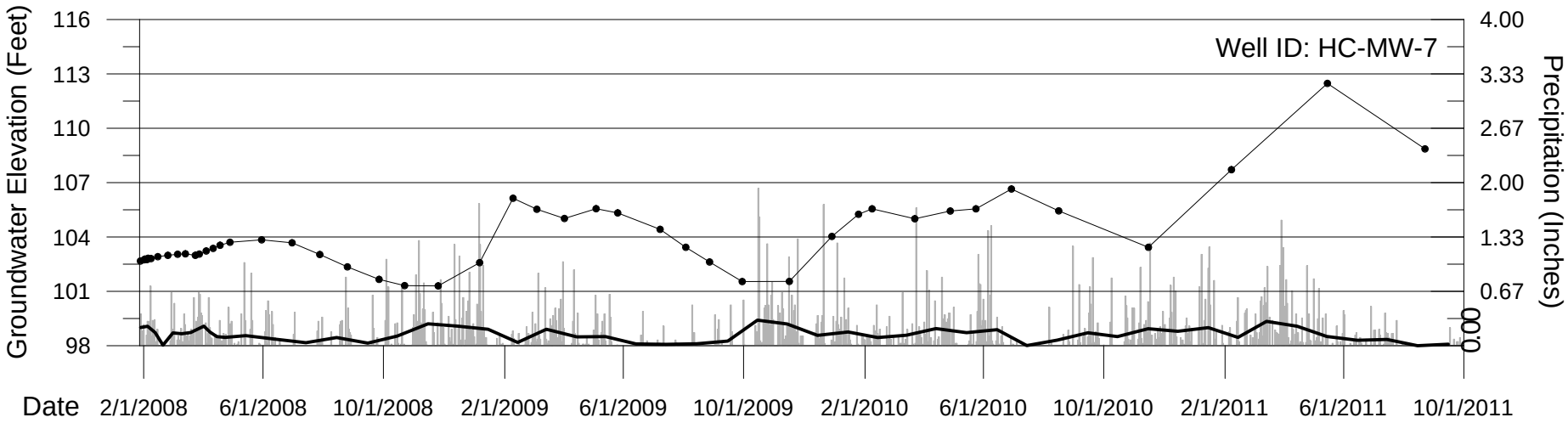


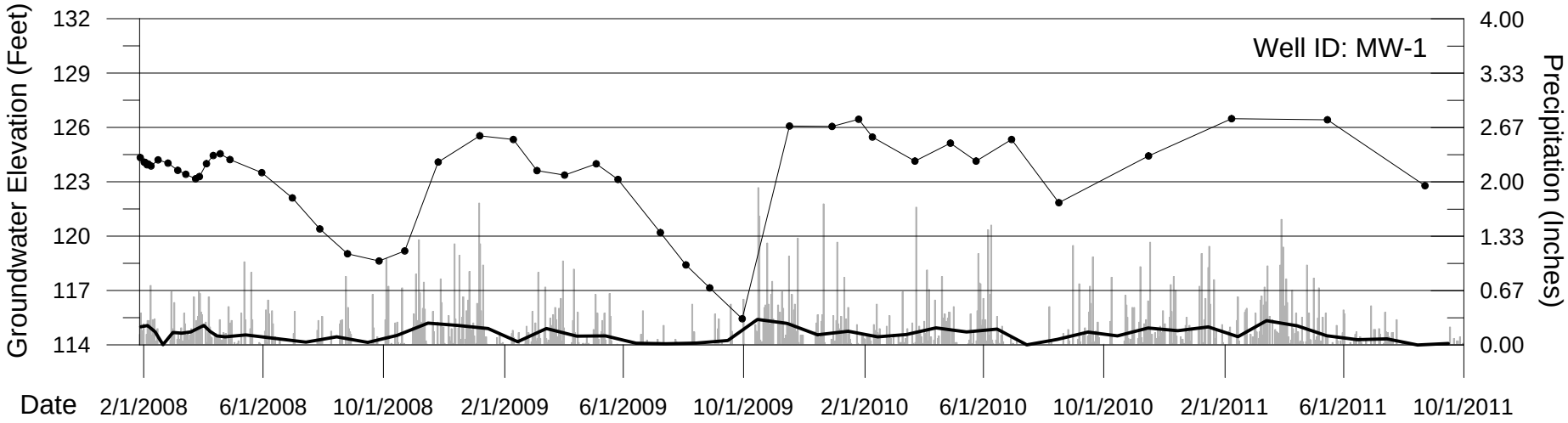
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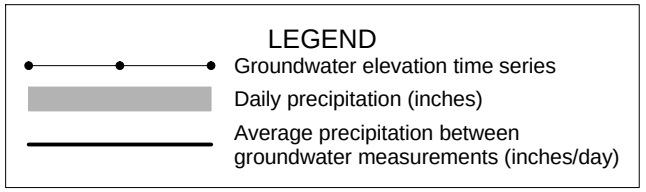
GROUNDWATER ELEVATION VERSUS TIME: WELLS HC-MW-5 AND HC-MW-6
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.3

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







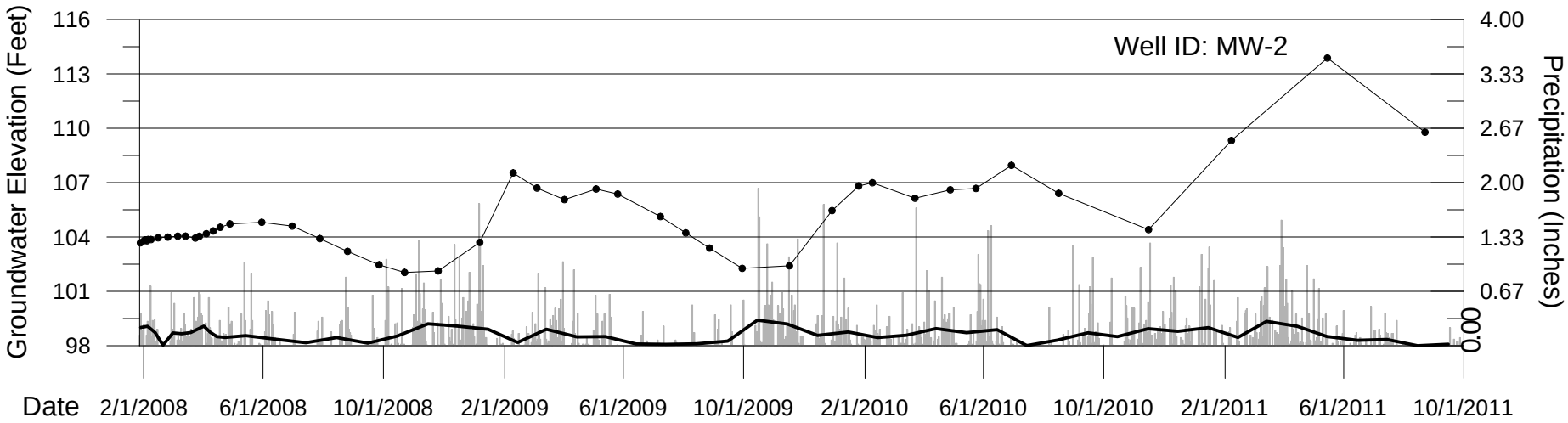
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

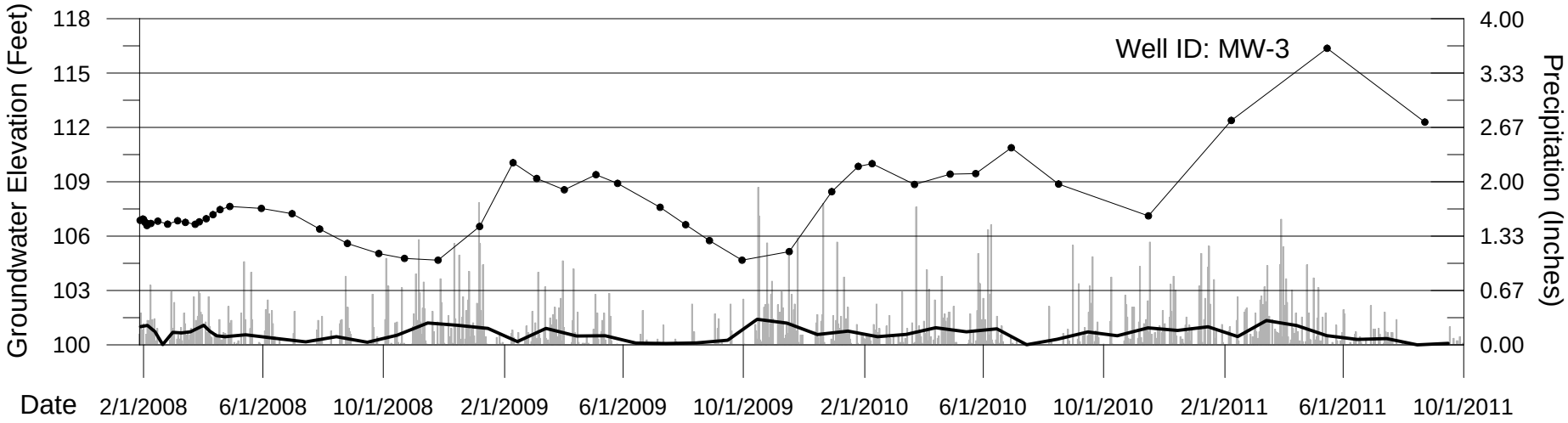
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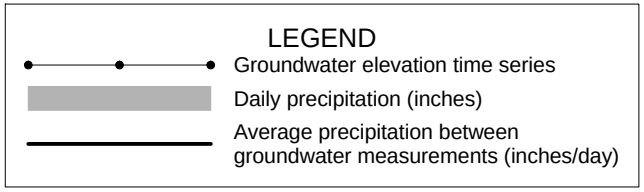
GROUNDWATER ELEVATION VERSUS TIME: WELLS HC-MW-7 AND MW-1
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.4

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







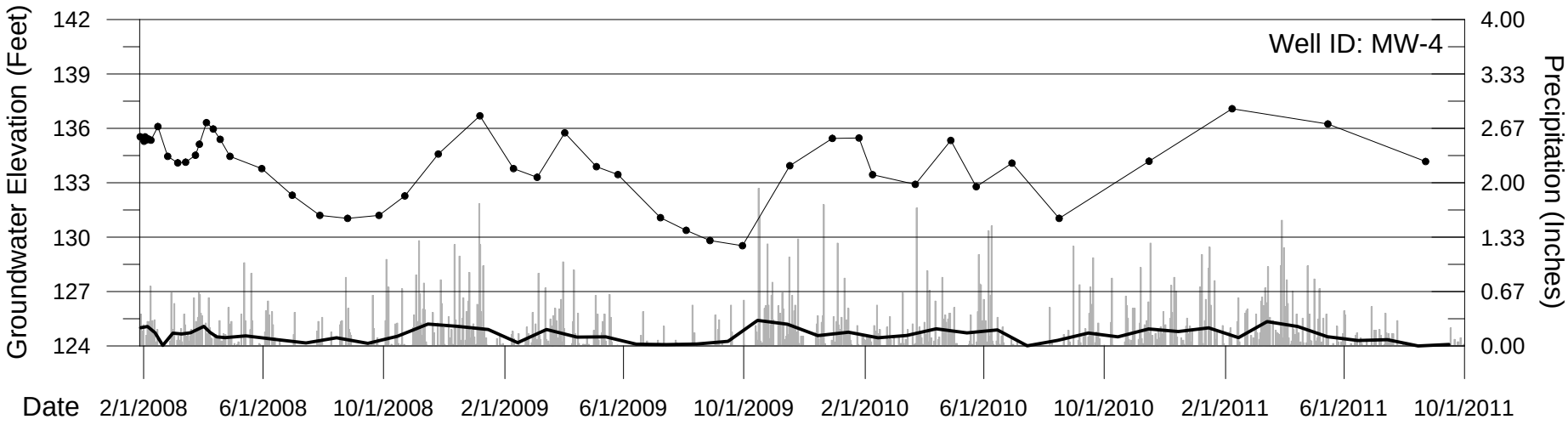
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

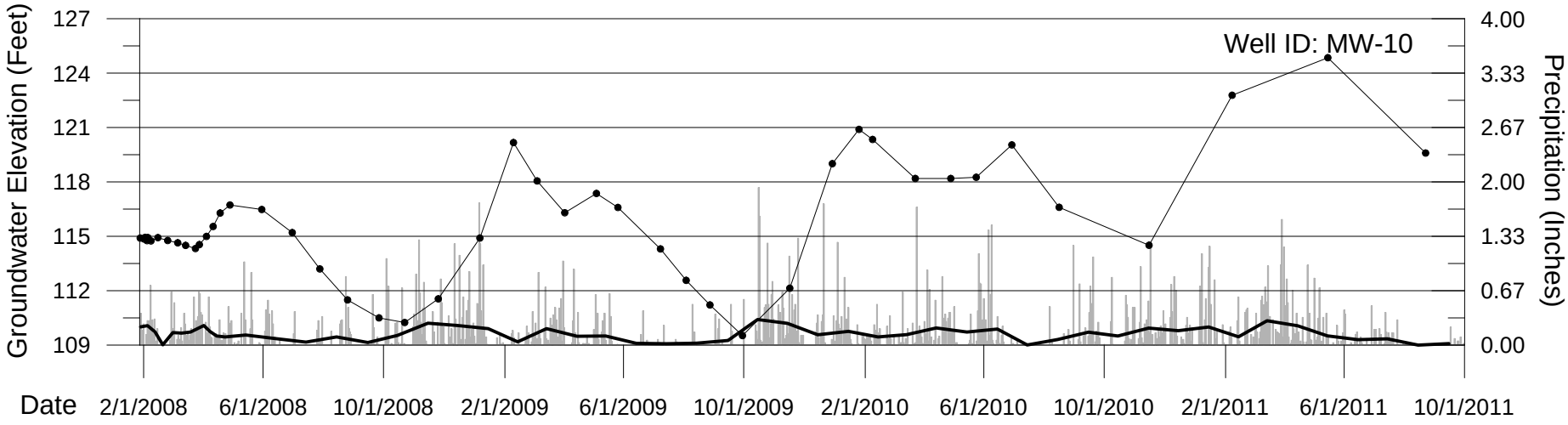
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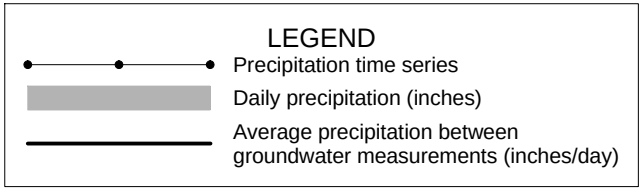
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-2 AND MW-3
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.5

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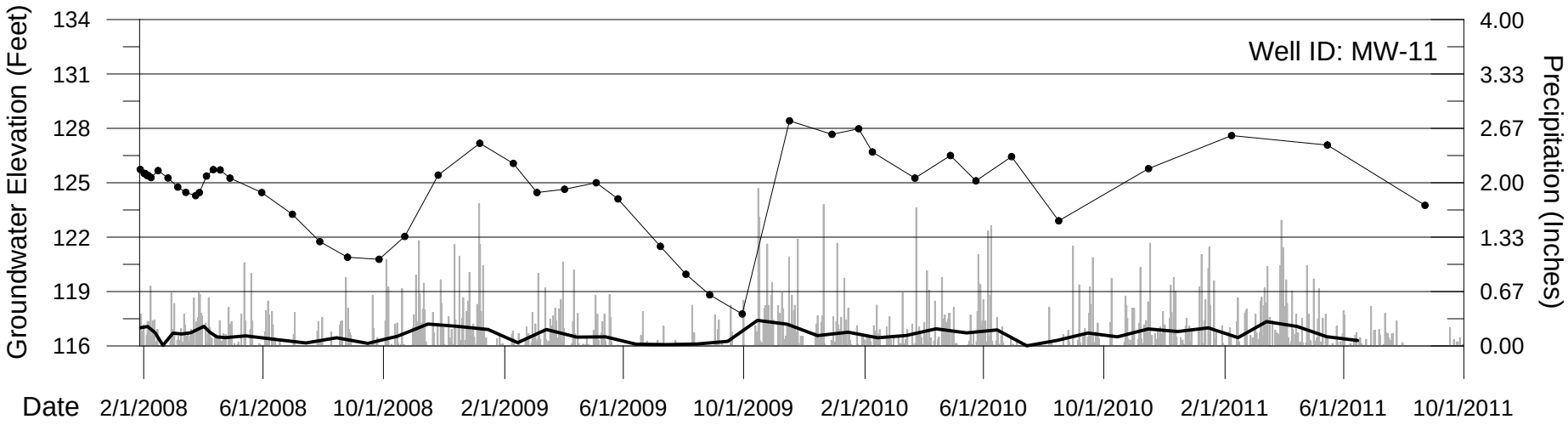
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

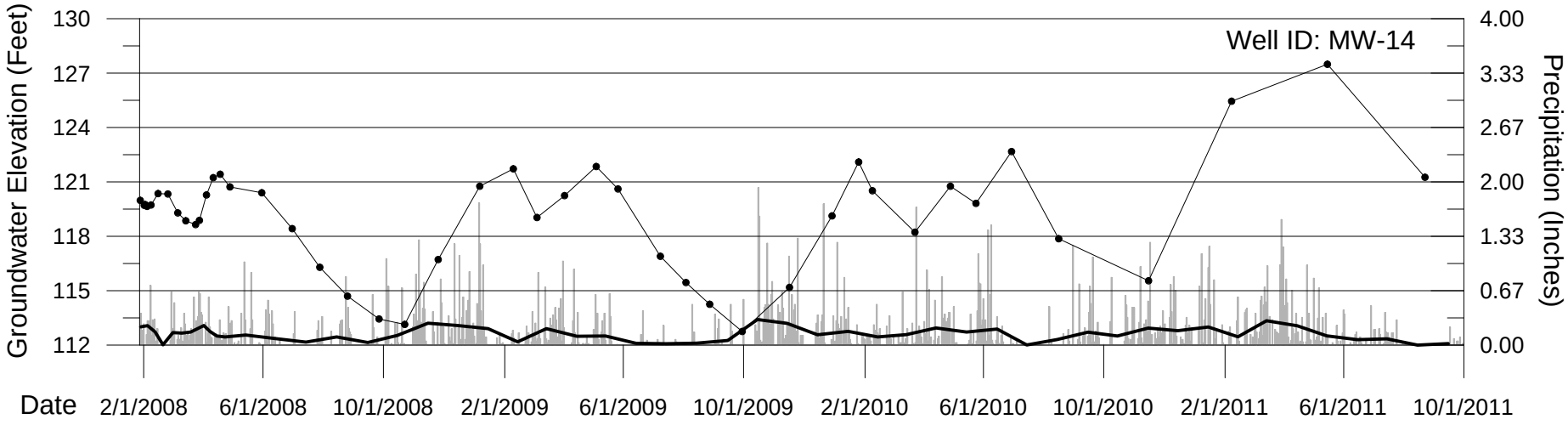
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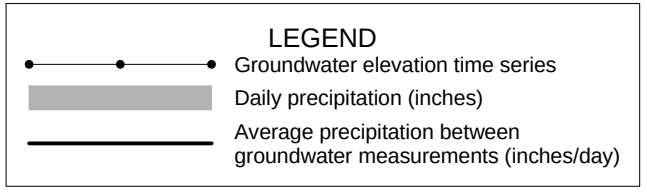
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-4 AND MW-10
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.6

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







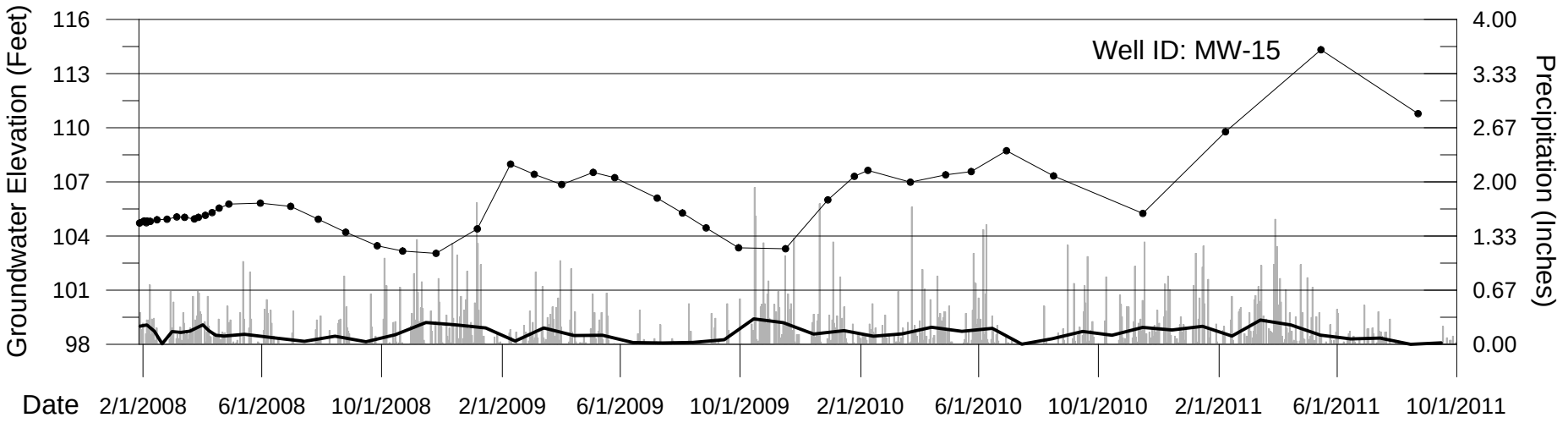
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

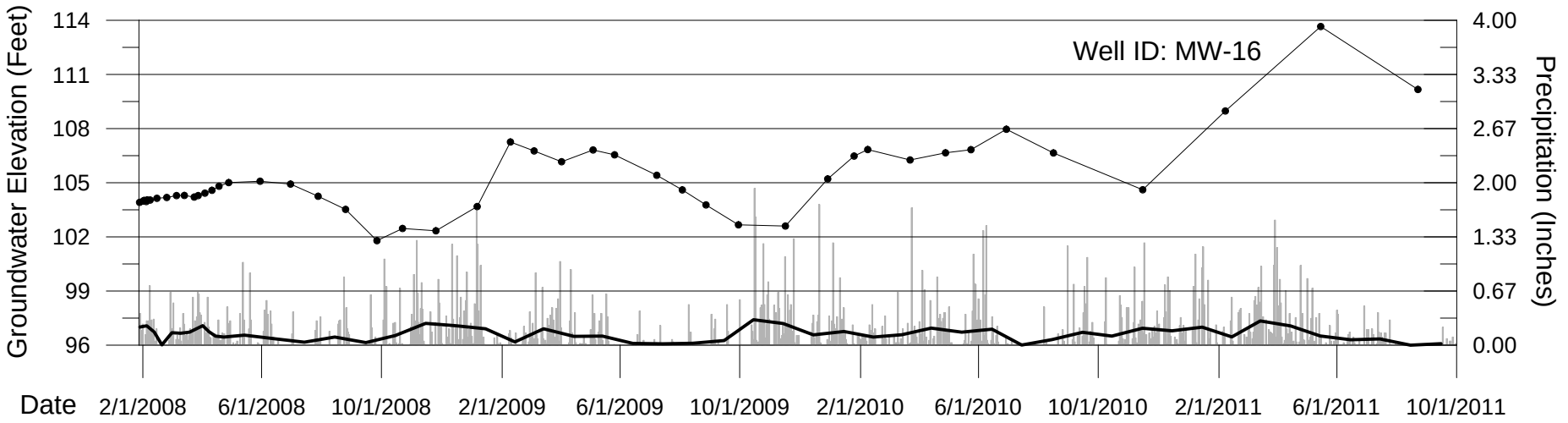
amec

GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-11 AND MW-14
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.7

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Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.
5. In May 2011, a suspected incorrect depth to water measurement occurred at MW-15. The 2nd Quarter 2011 groundwater elevation at MW-15 was estimated by calculating the average elevation difference between MW-15 and MW-40 for the 3rd Quarter 2010 through the 1st Quarter 2011 and adding this difference to the 2nd Quarter 2011 groundwater elevation measured at MW-40.

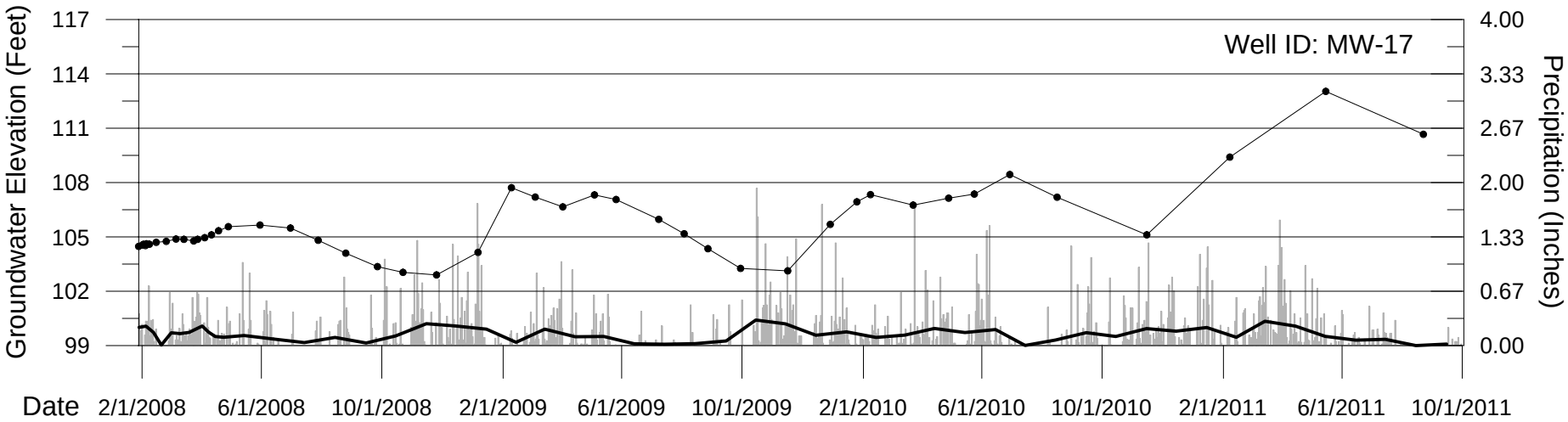
LEGEND
- Groundwater elevation time series
- Daily precipitation (inches)
- Average precipitation between groundwater measurements (inches/day)

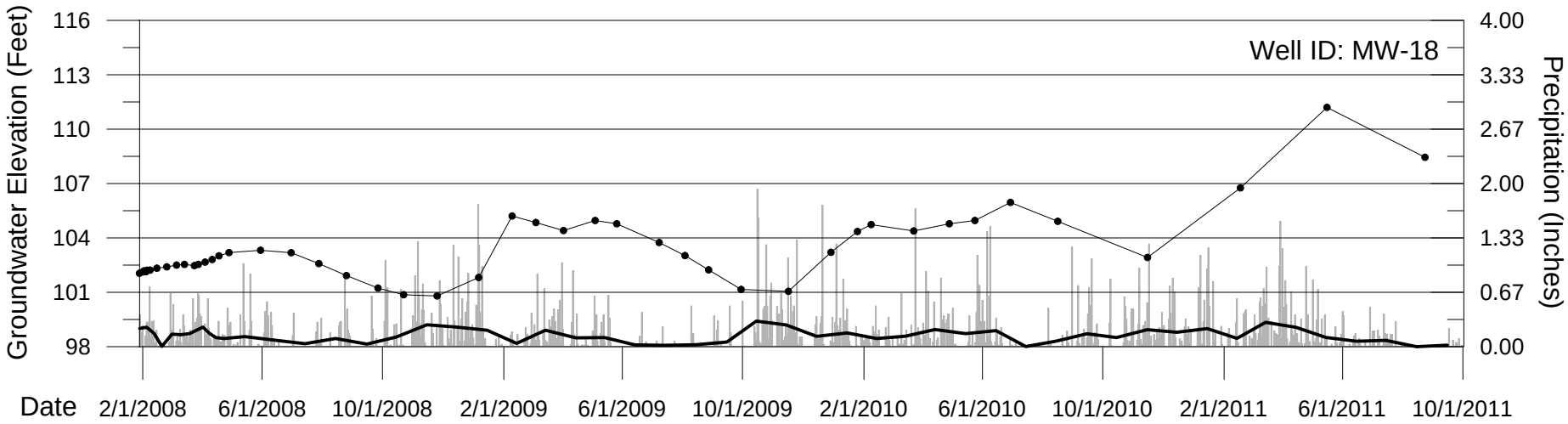
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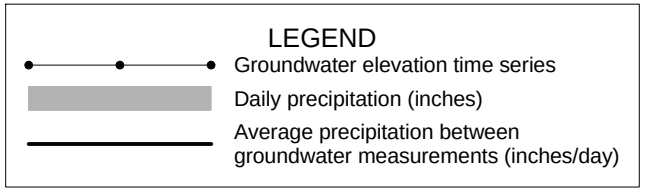
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-15 AND MW-16
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.8

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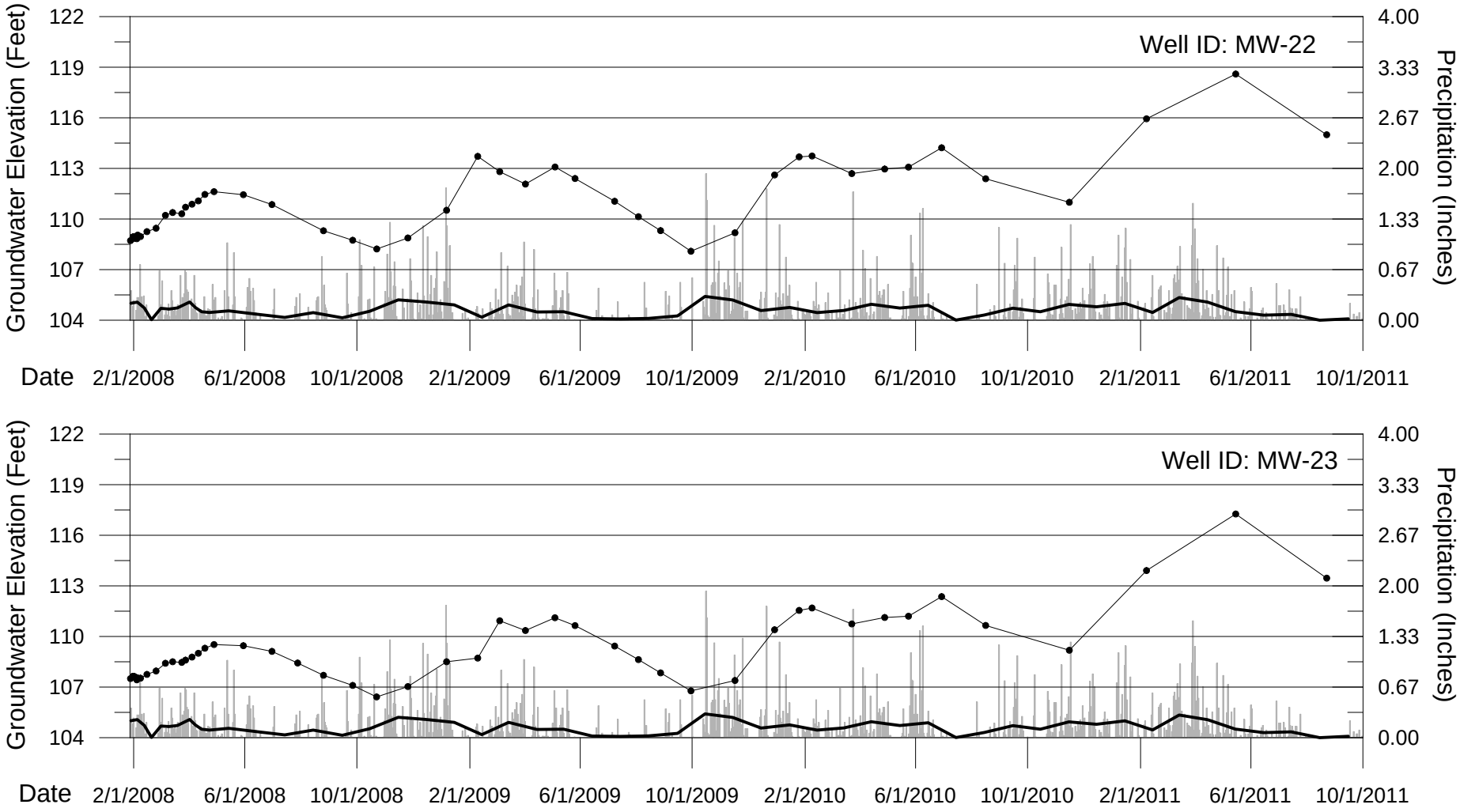
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

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GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-17 AND MW-18
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.9

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf



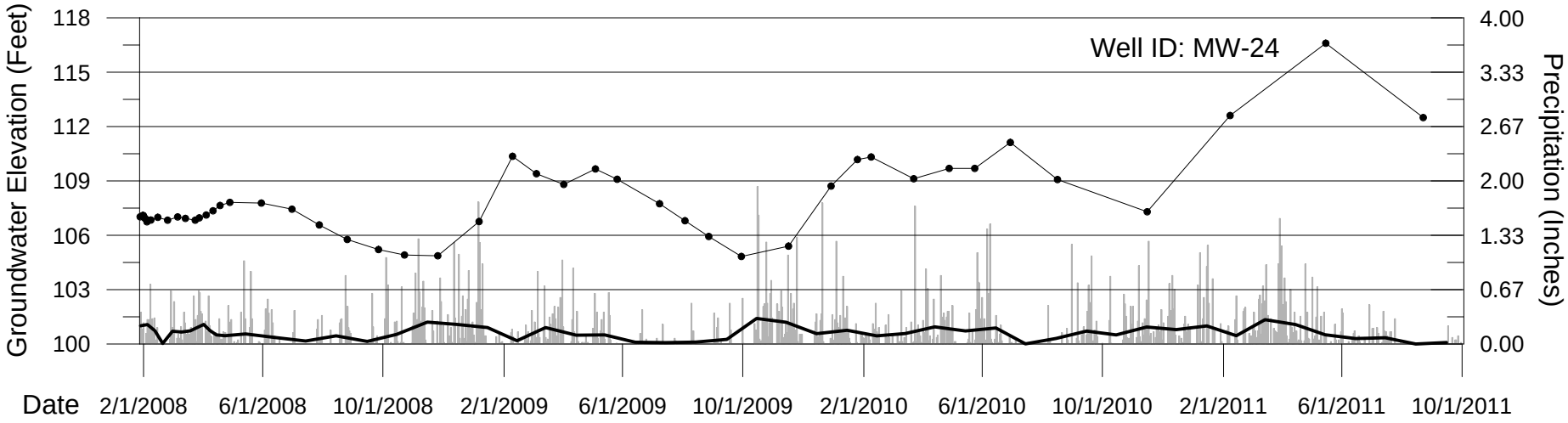
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

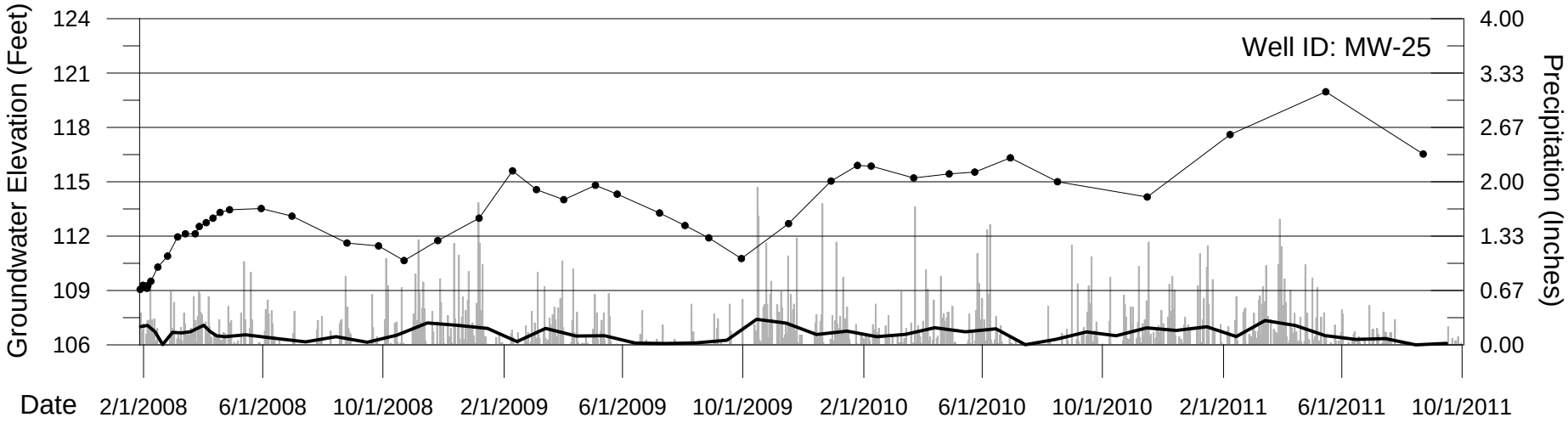
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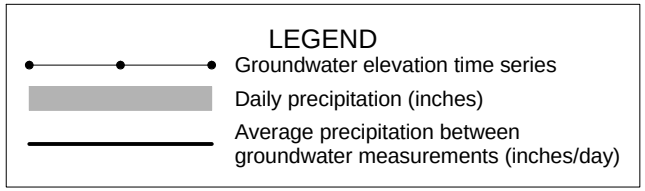
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-22 AND MW-23
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.10

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







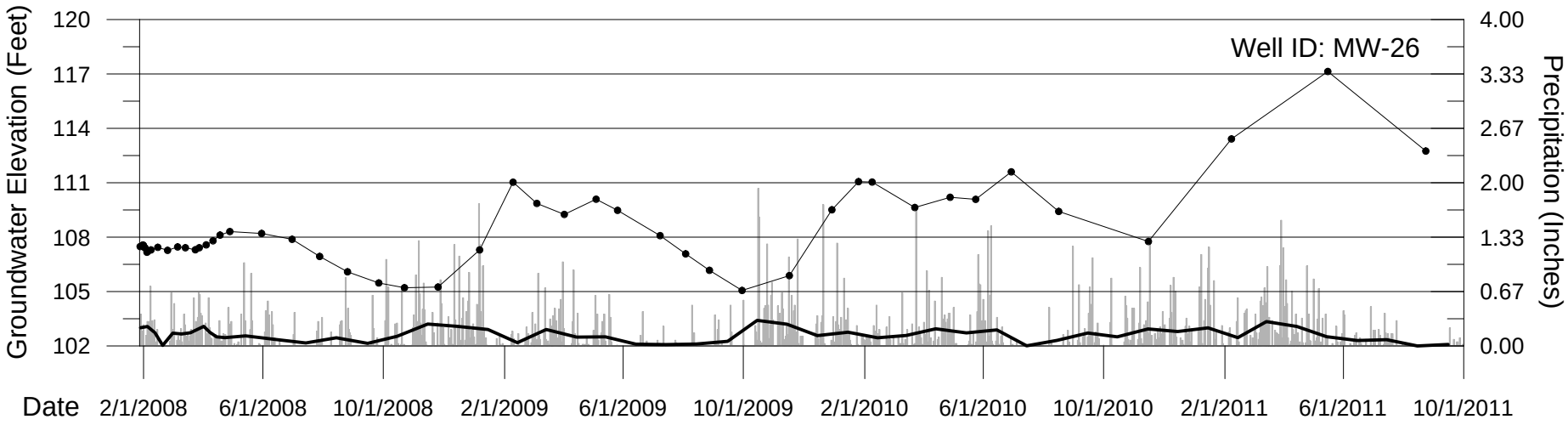
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2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

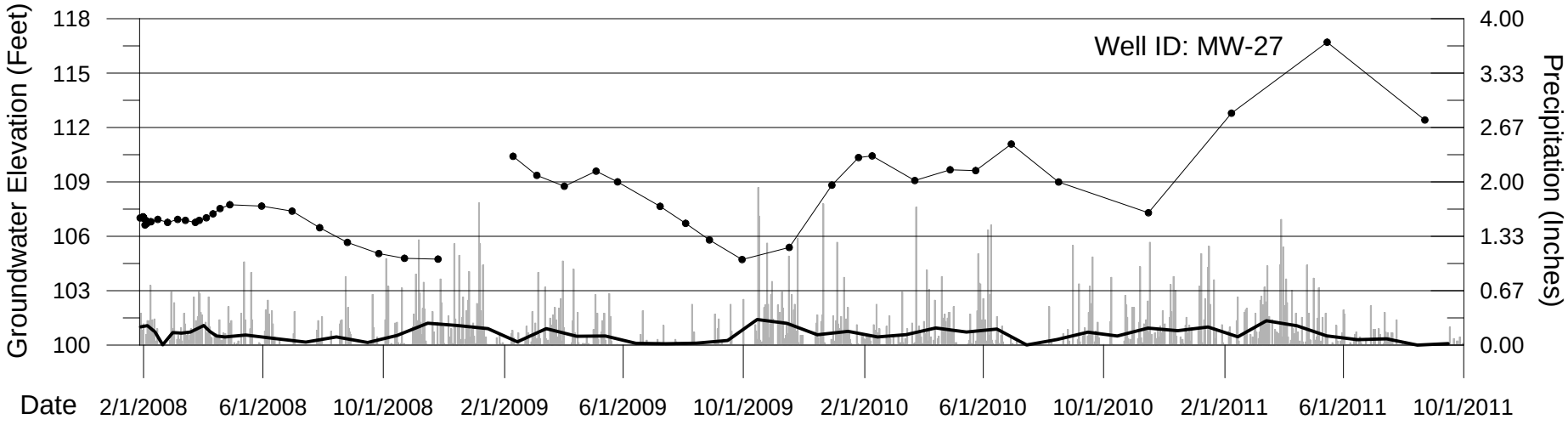
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GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-24 AND MW-25
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

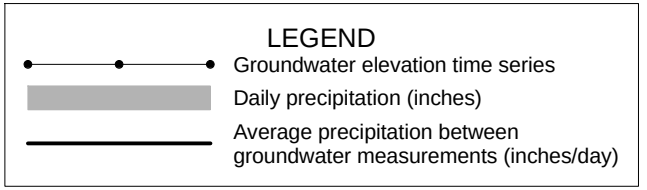
Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.11

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Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Groundwater elevation was not collected at MW-27 during the December 2008 sampling period due to high surface water conditions surrounding the well.
5. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

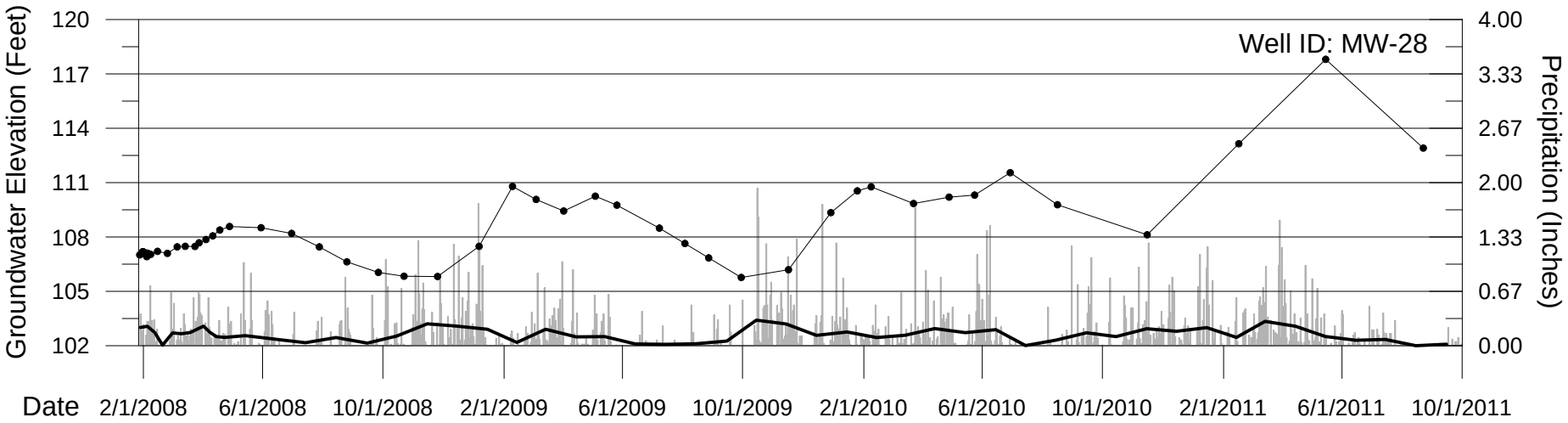


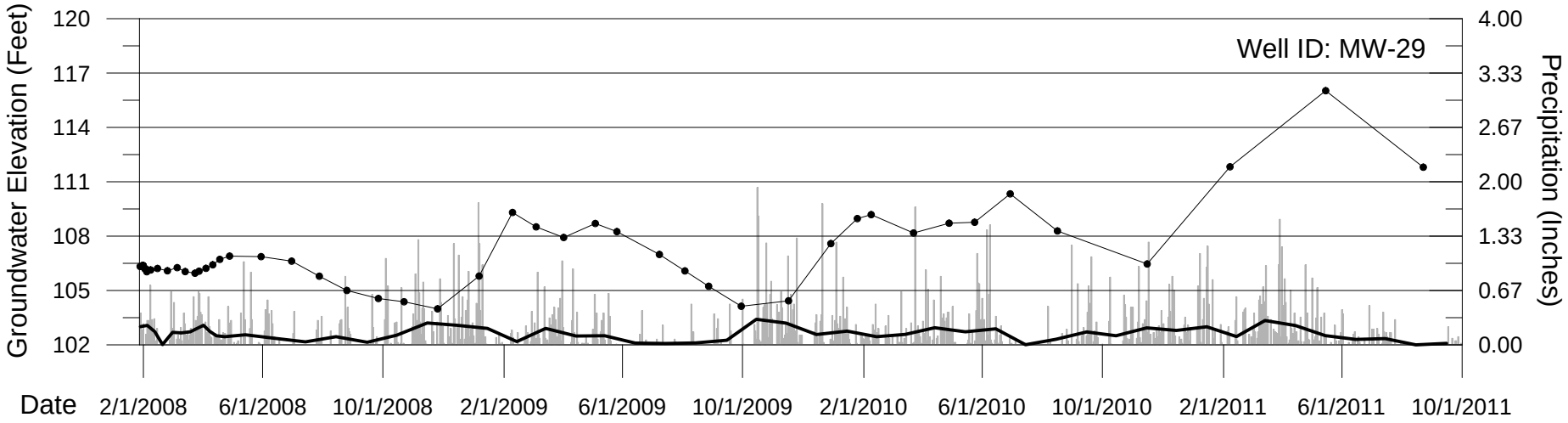
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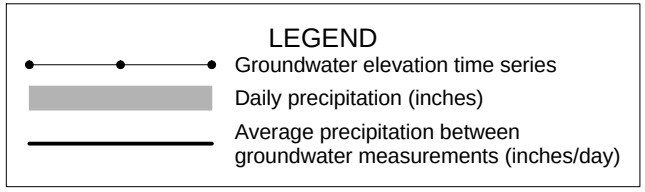
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-26 AND MW-27
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.12

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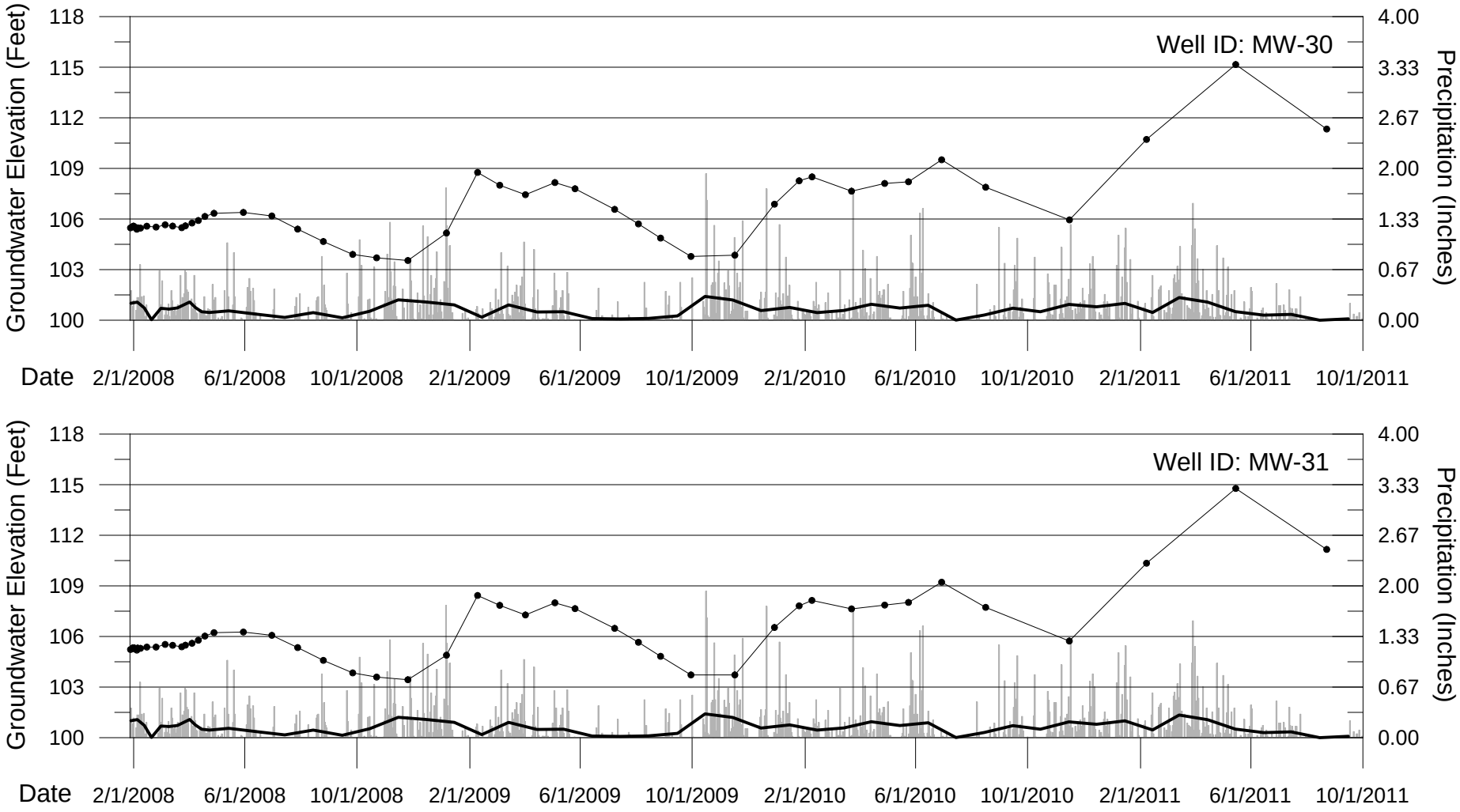
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

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GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-28 AND MW-29
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.13

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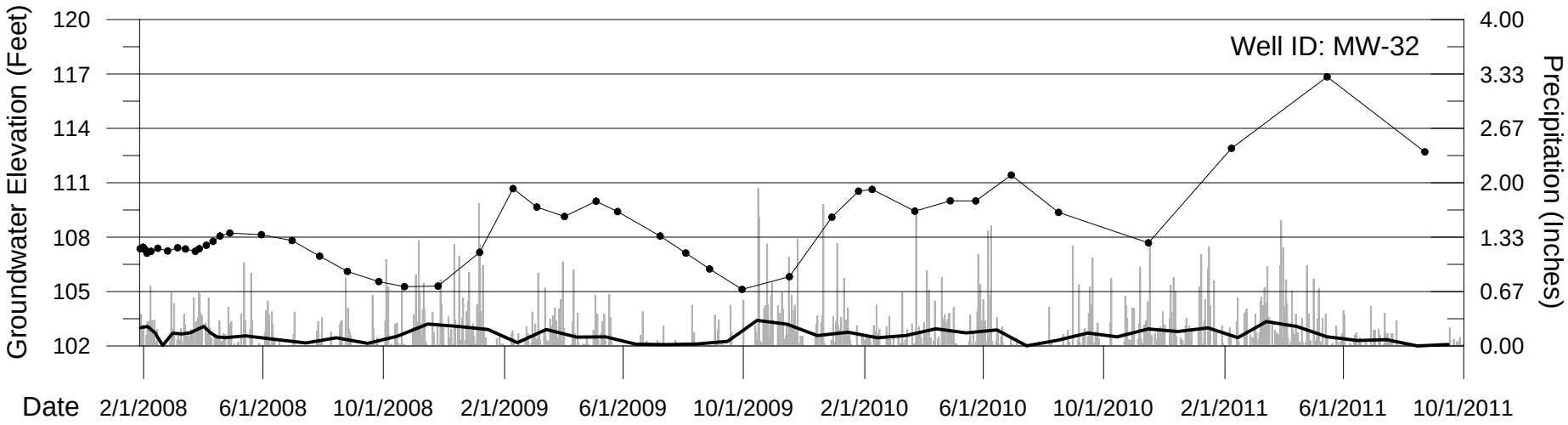
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2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

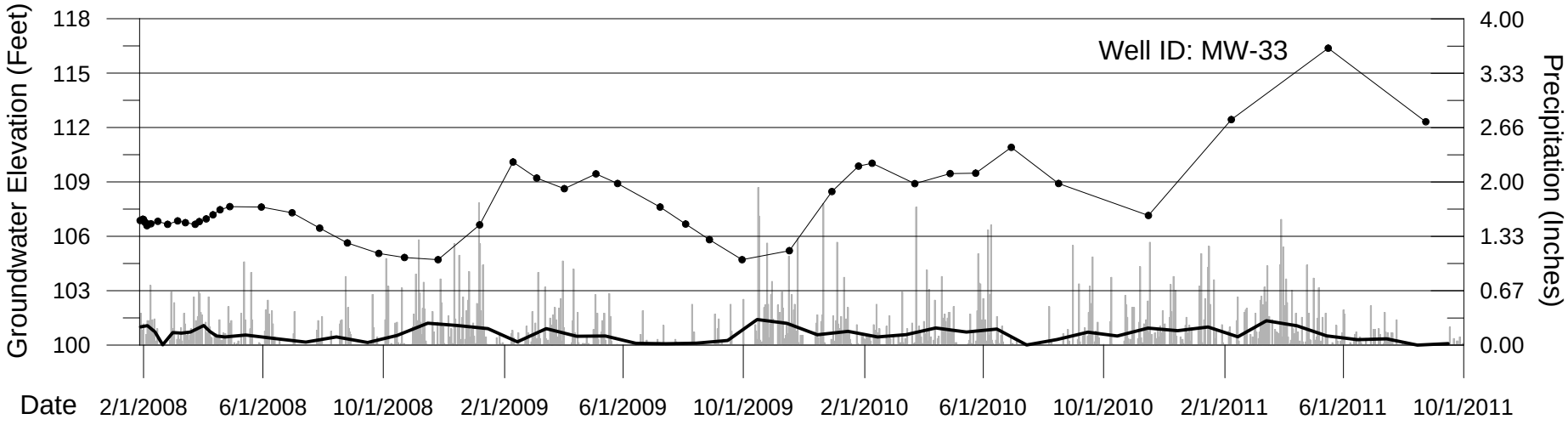
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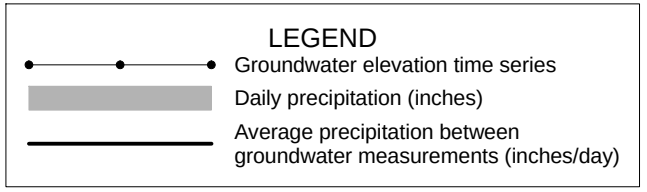
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-30 AND MW-31
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.14

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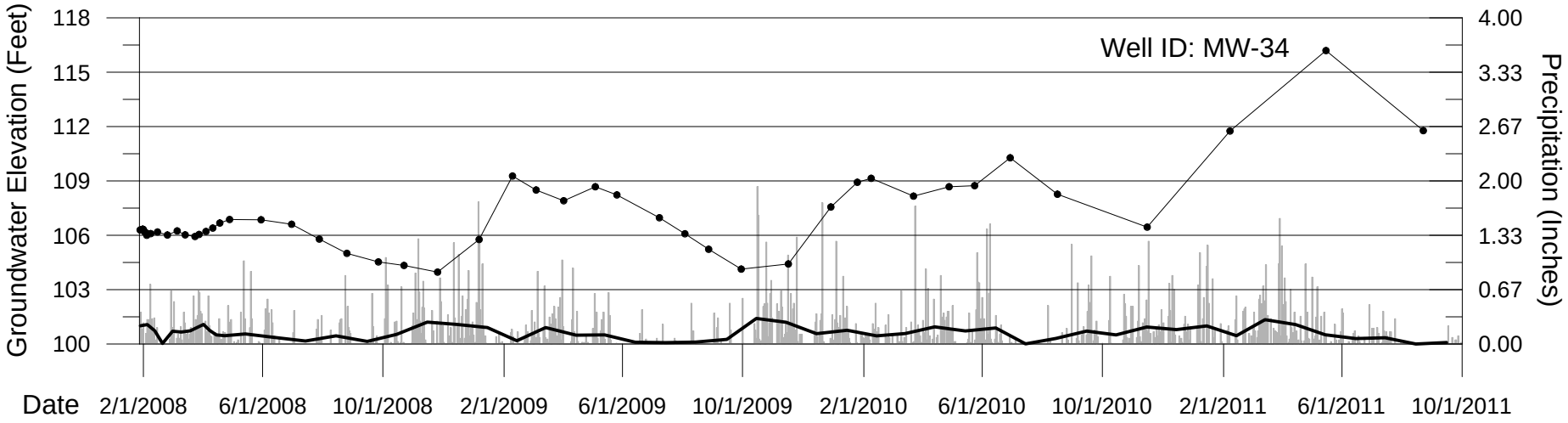
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2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

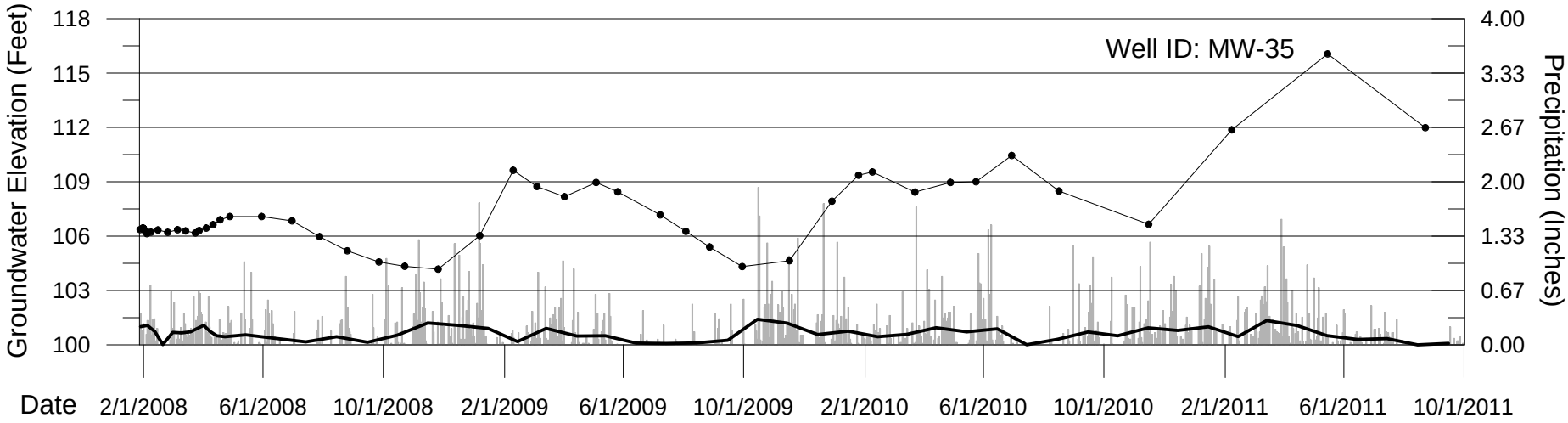
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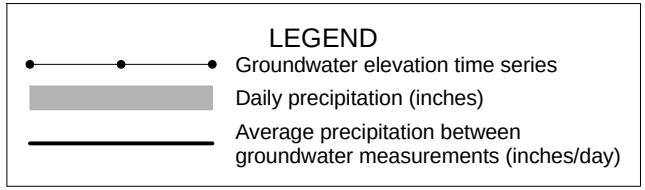
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-32 AND MW-33
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.15

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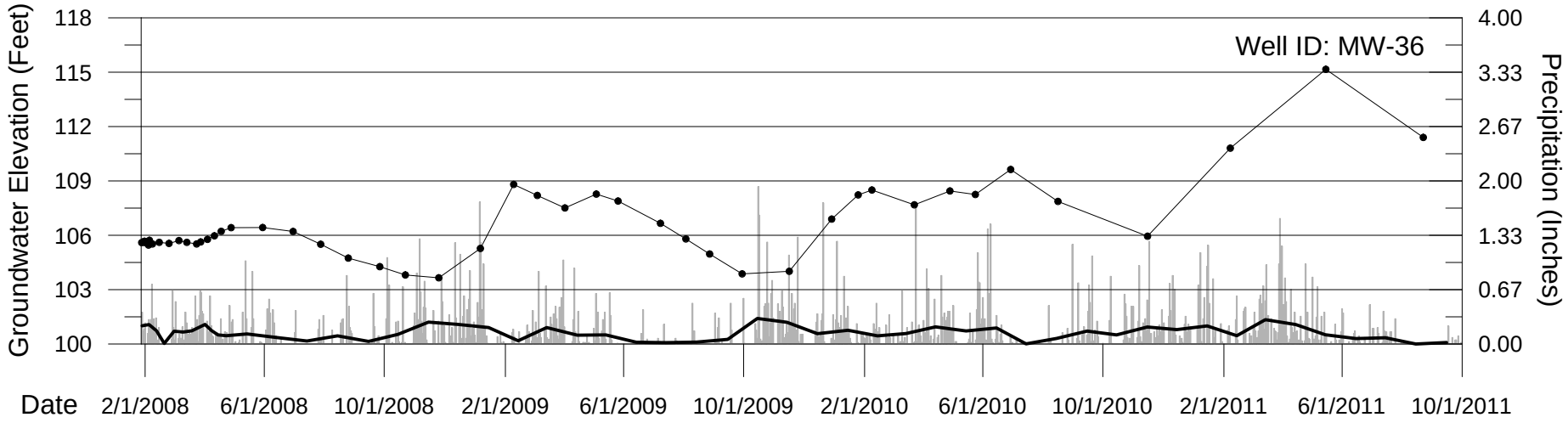
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2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

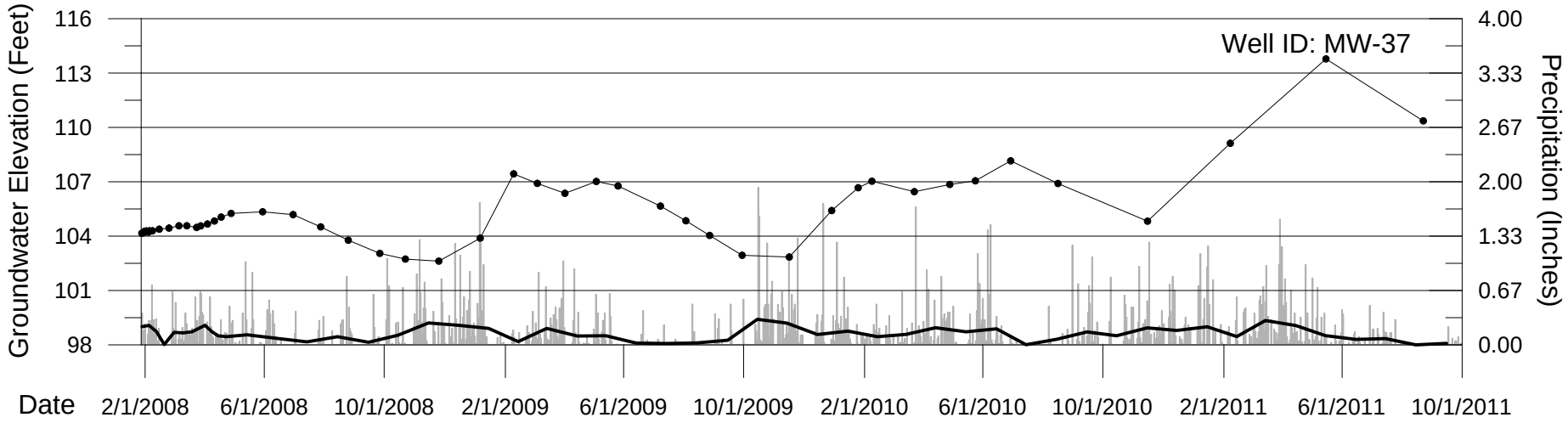
amec

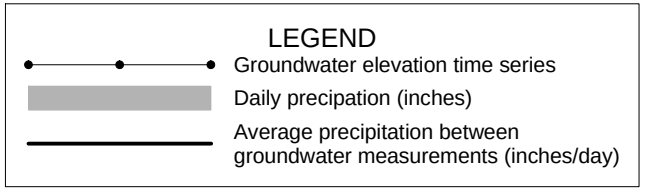
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-34 AND MW-35
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.16

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf







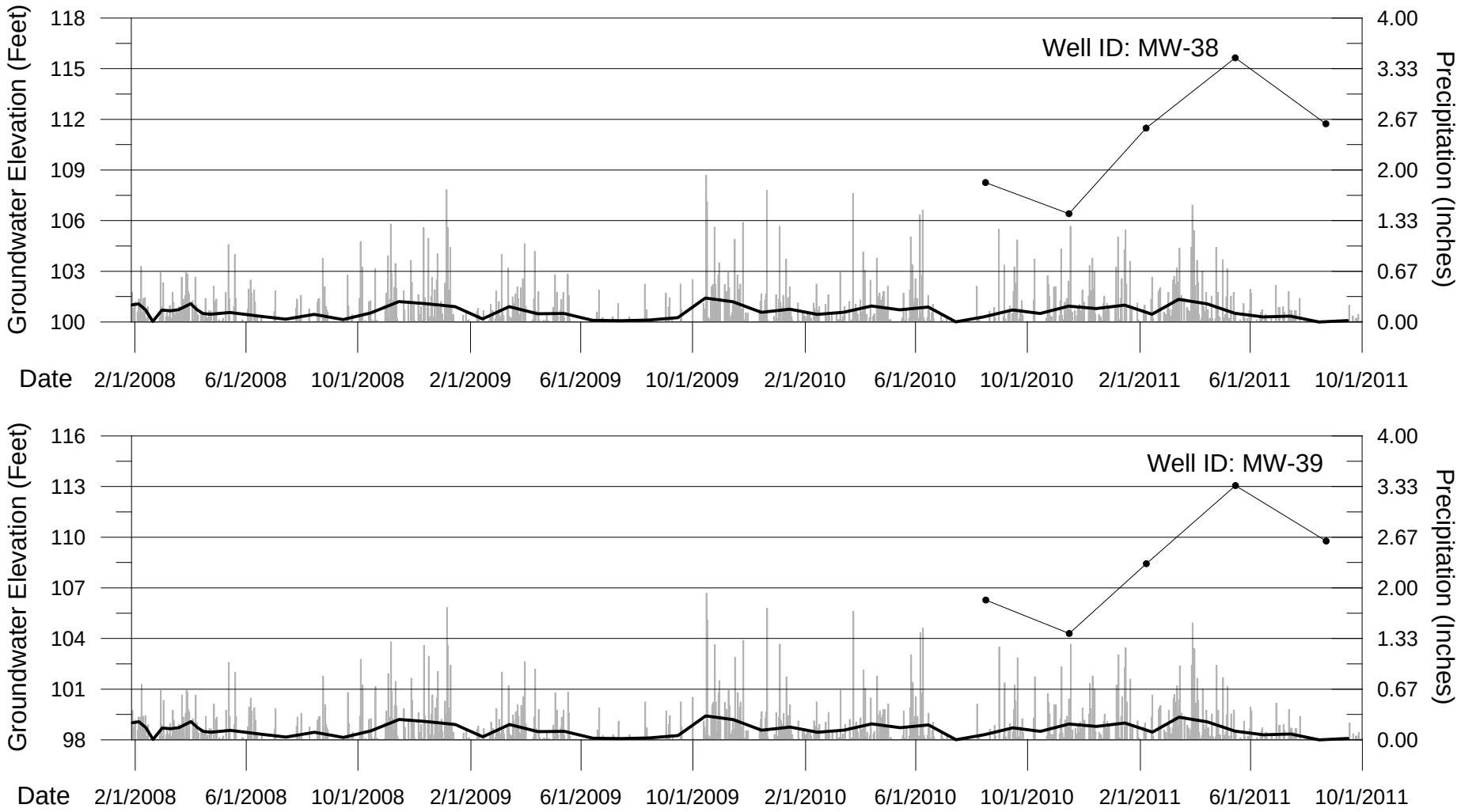
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

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GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-36 AND MW-37
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.17

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Water_Fluctuations O&M.grf



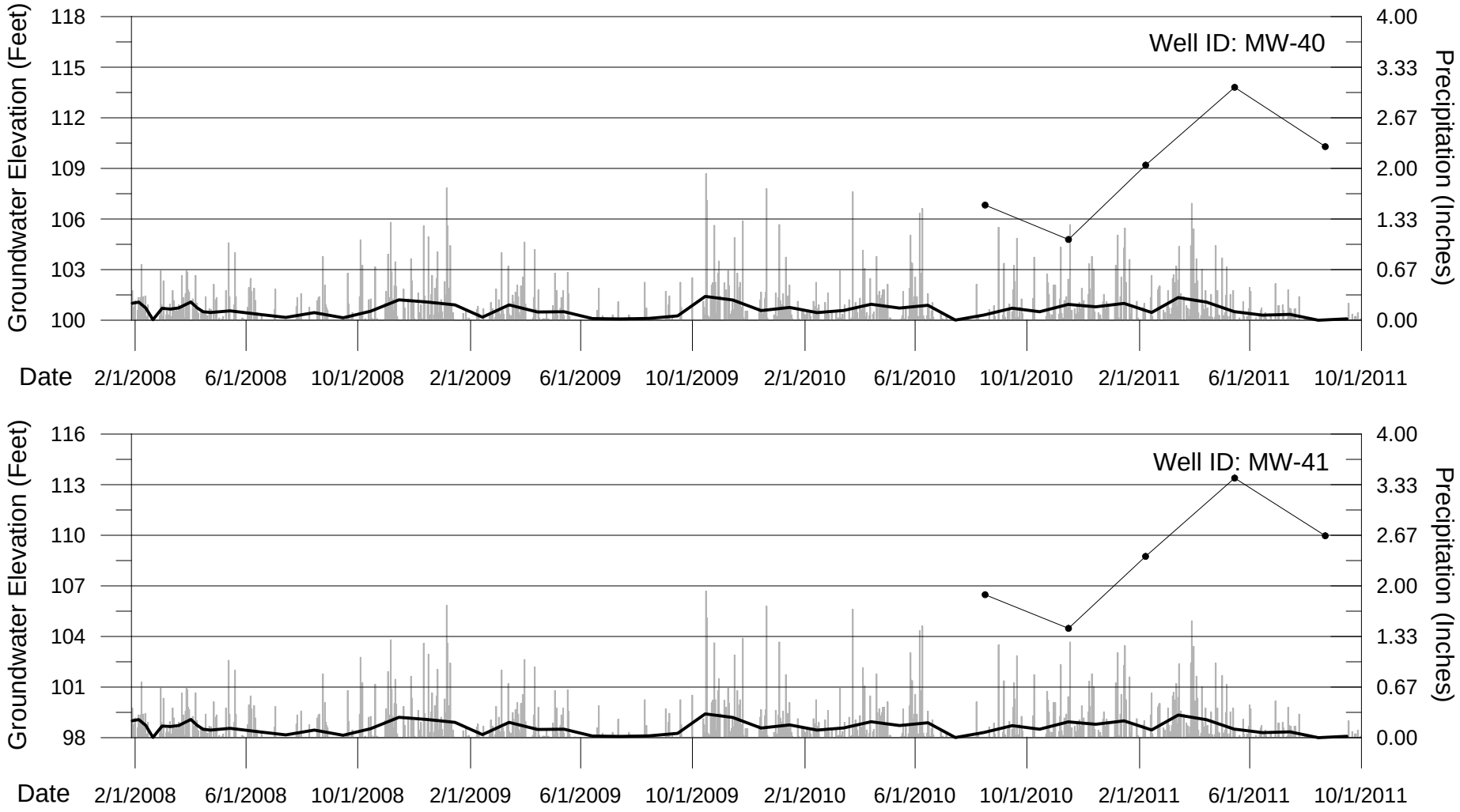
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

amec

GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-38 AND MW-39
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.18

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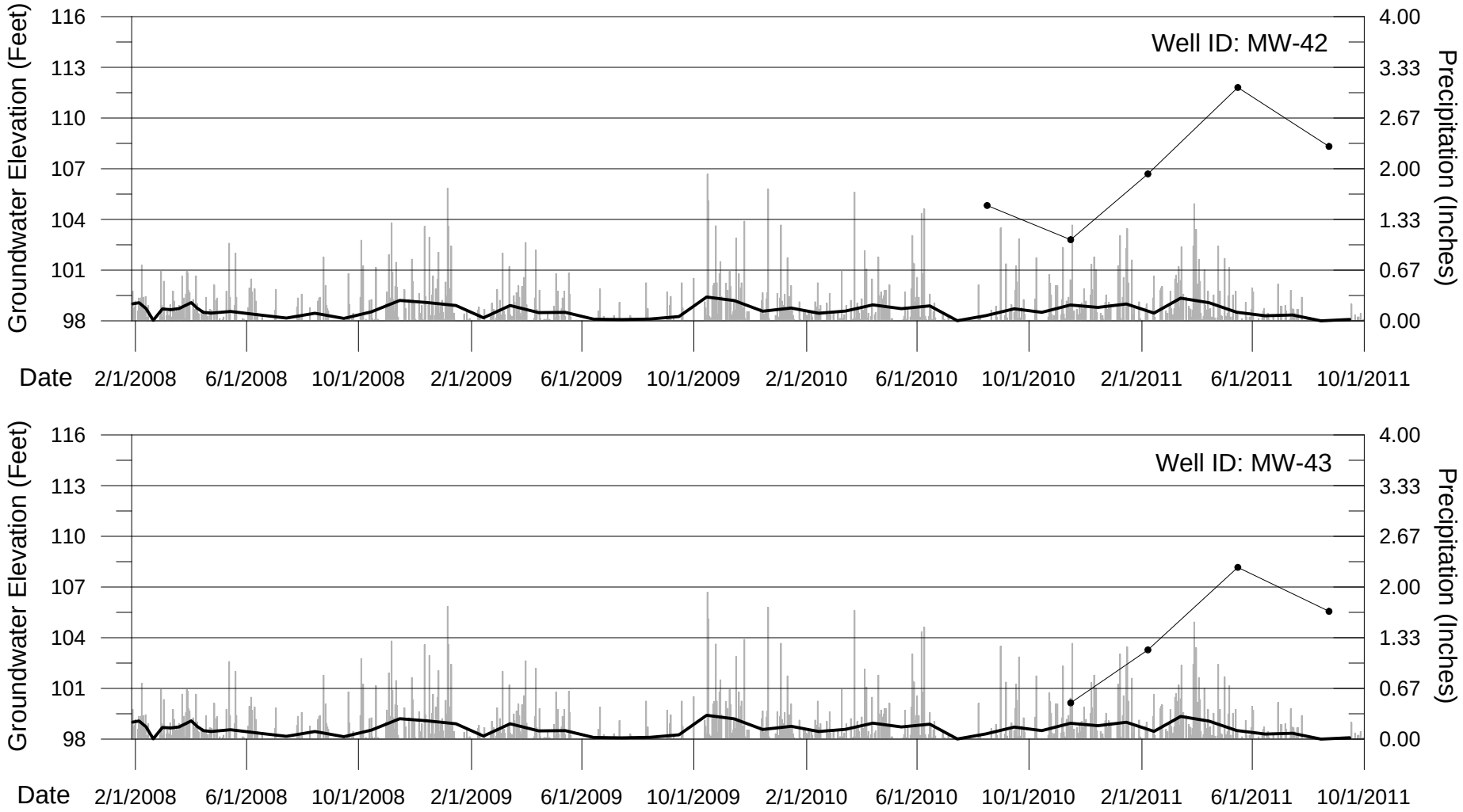
Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

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GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-40 AND MW-41
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.19

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Notes:
1. Vertical datum is N.A.V.D 88.
2. Precipitation data source is the National Climatic Data Center (NCDC) Arlington, WA station (COOP ID: 450257).
3. Precipitation data include rain and/or melted snow.
4. Precipitation data from December 2010 through September 2011 are preliminary and are not final, quality-controlled data.

amec

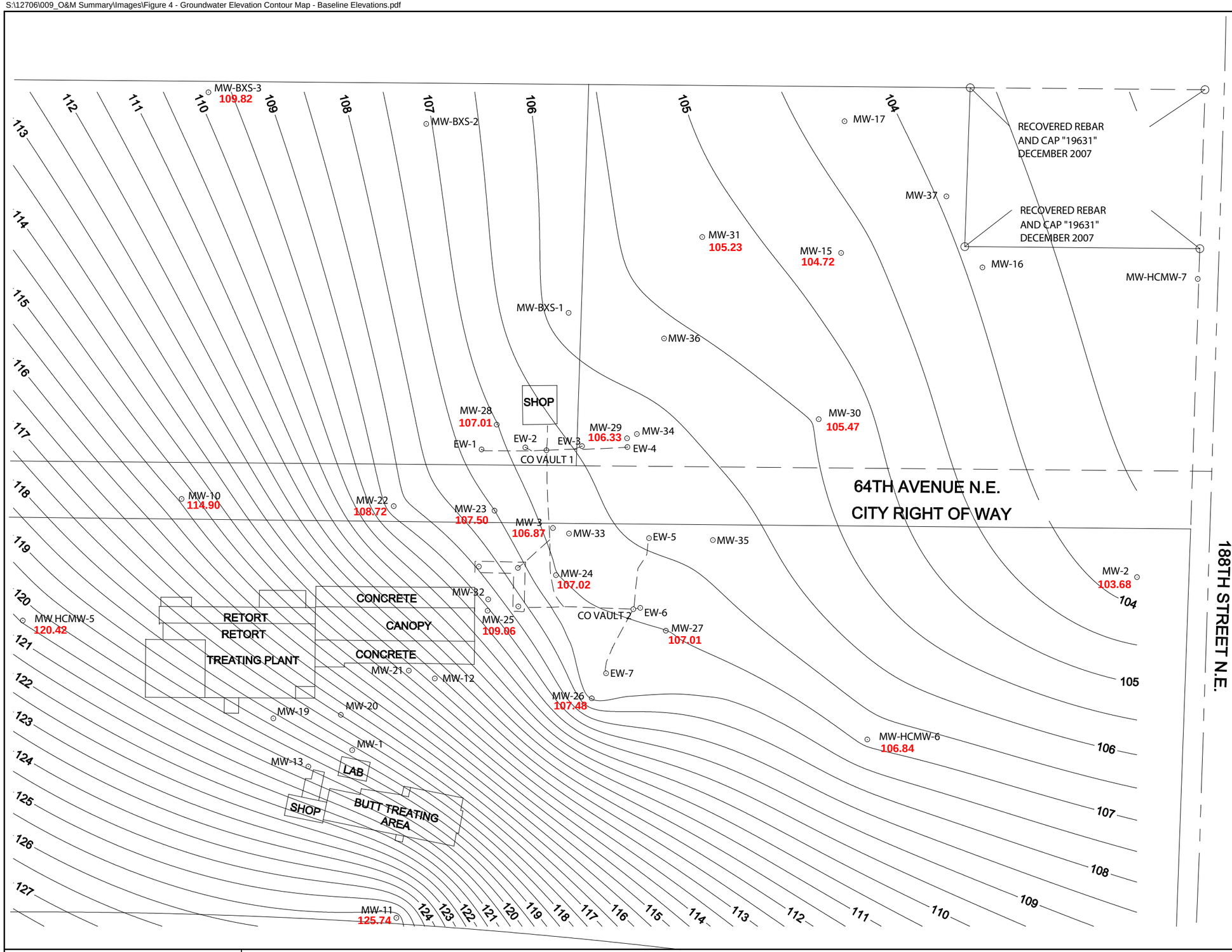
GROUNDWATER ELEVATION VERSUS TIME: WELLS MW-42 AND MW-43
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
10/13/11	Figure No. B.20

Appendix C

Groundwater Contour Maps

S:\12706\009_O&M Summary\Images\Figure 4 - Groundwater Elevation Contour Map - Baseline Elevations.pdf



LEGEND:

MW-15
104.72
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

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.

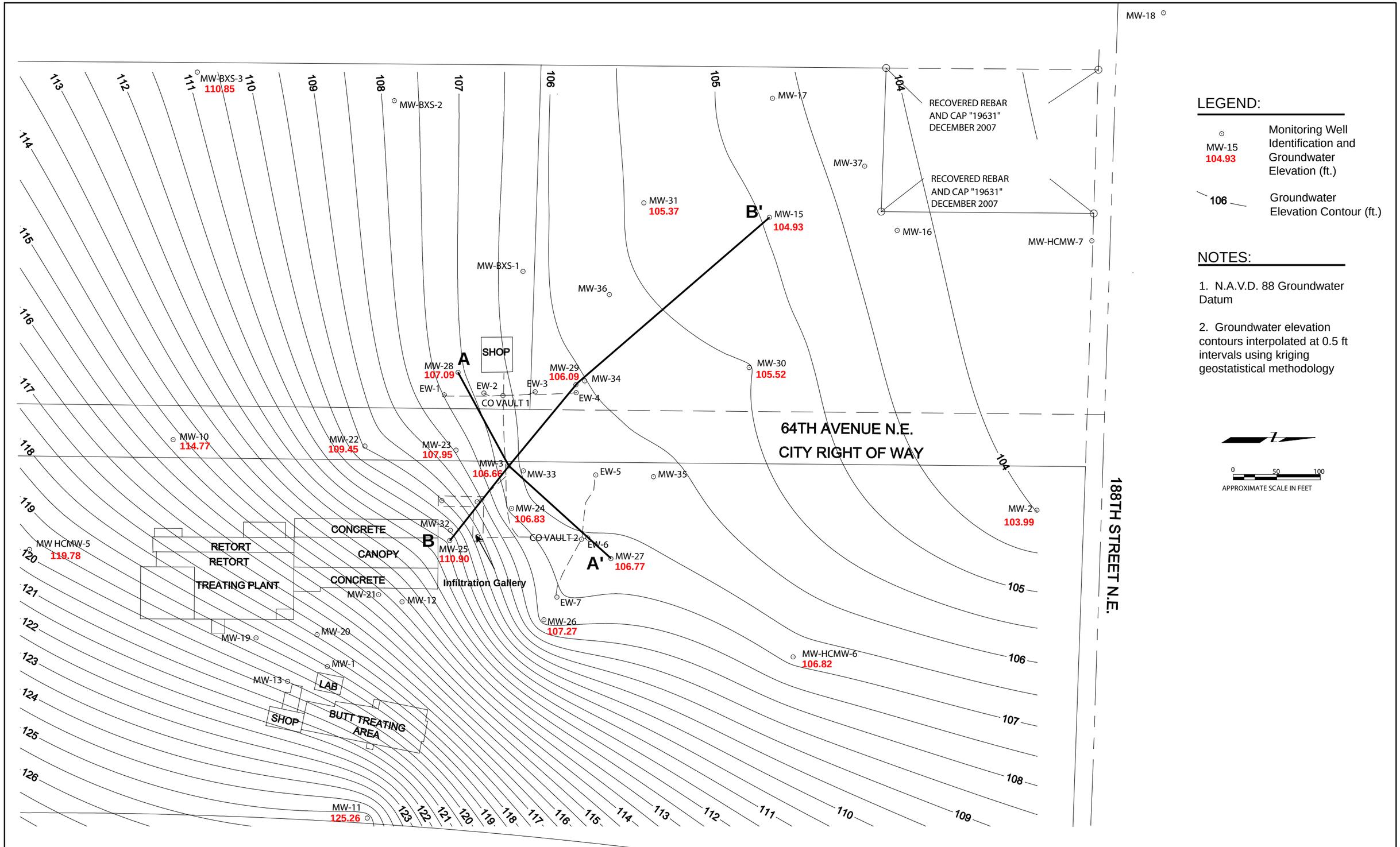
0 50 100
APPROXIMATE SCALE IN FEET

Geomatrix

January 28, 2008, GROUNDWATER ELEVATION CONTOUR MAP - BASELINE ELEVATIONS
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 04/21/08	Figure C.1

S:\12706\009_O&M Summary\Images\Figure 5 - Groundwater Elevation Contour Map 2-25-08.pdf



LEGEND:

MW-15
104.93
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

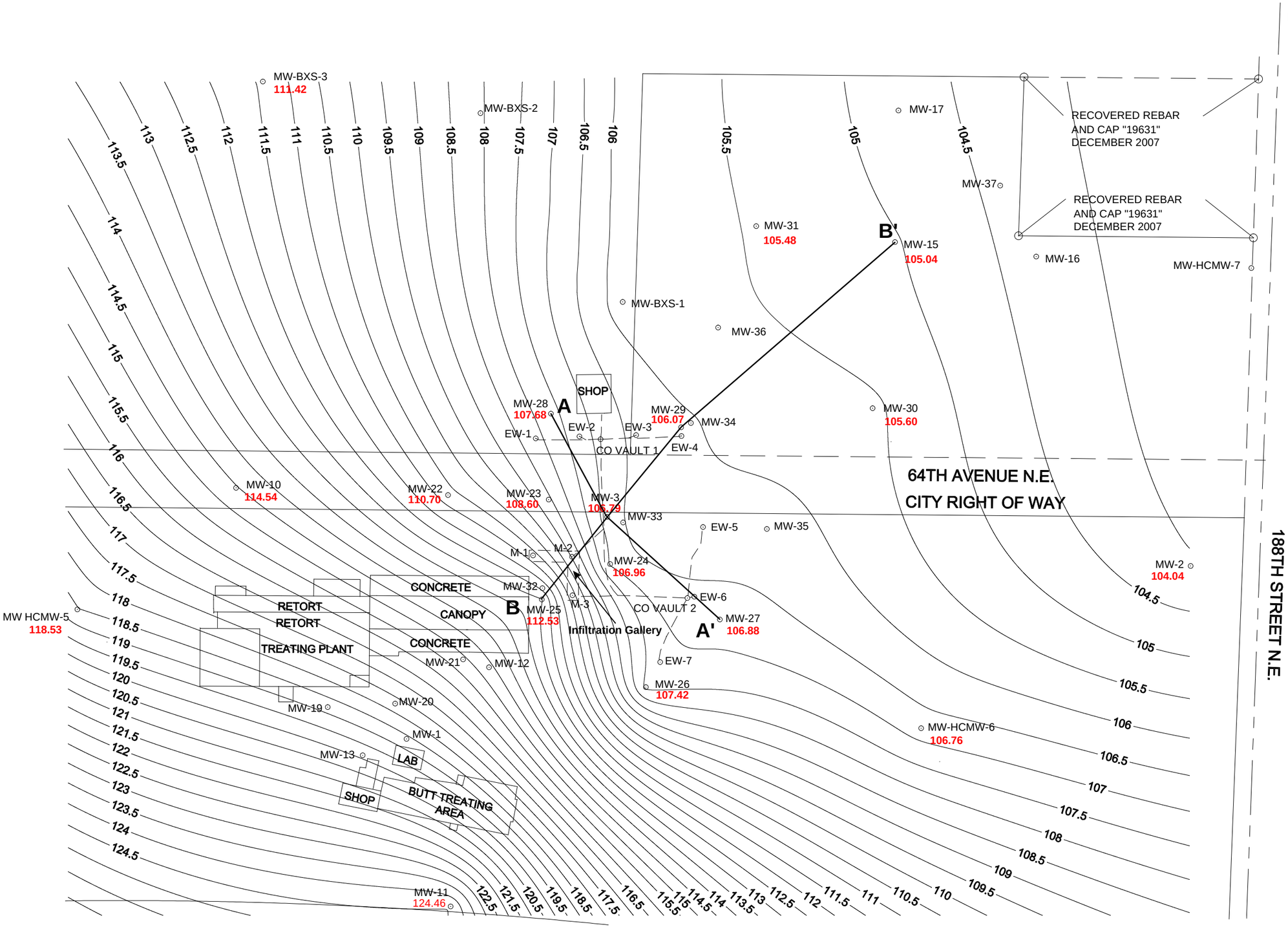
0 50 100
APPROXIMATE SCALE IN FEET

Geomatrix

February 25, 2008, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 04/21/08	Figure C.2

S:\12706\009_O&M Summary\Images\Figure 7 - Groundwater Elevation Contour Map 3-28-08.pdf



LEGEND:

MW-15
105.04
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

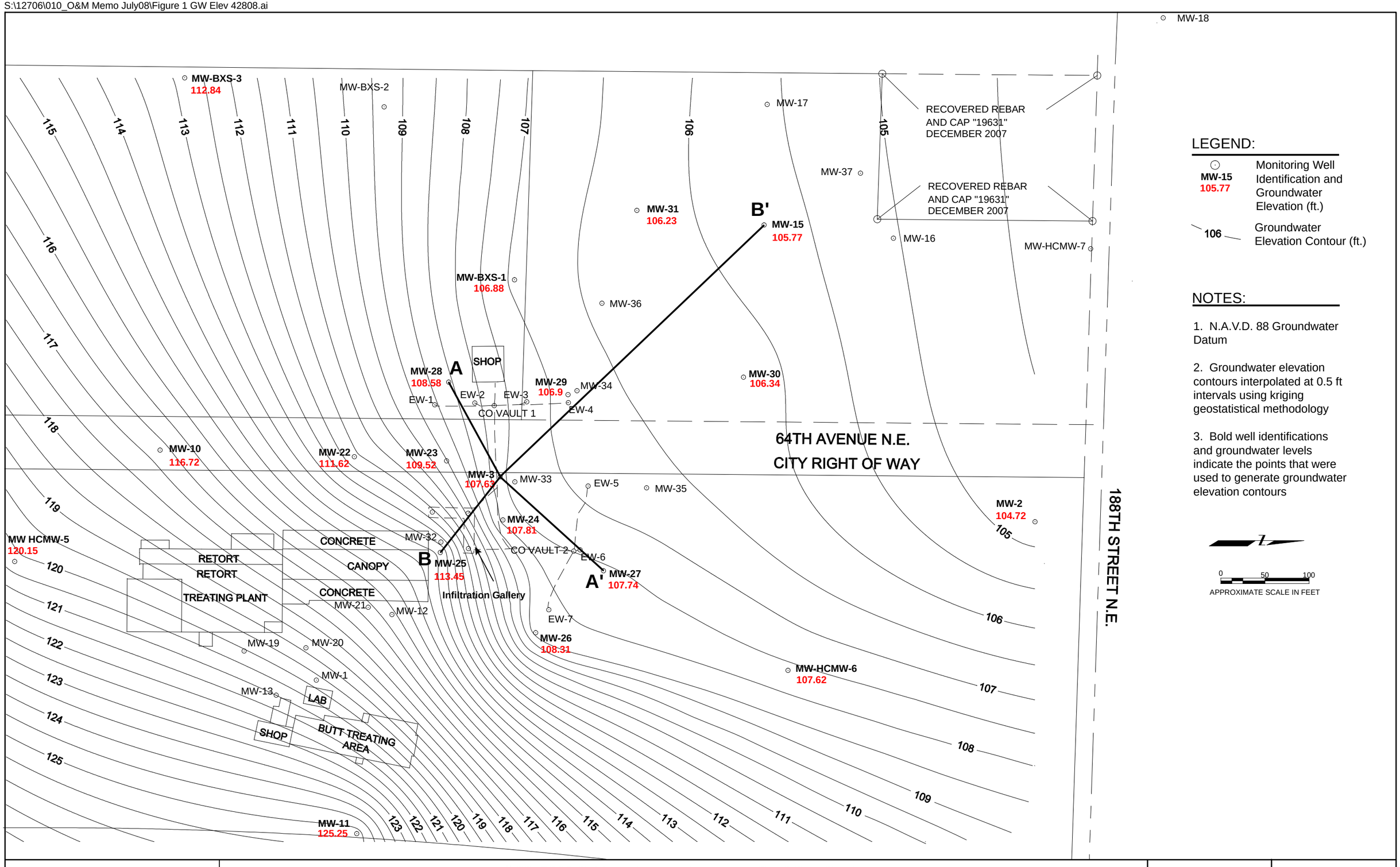
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

Geomatrix

March 28, 2008, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 04/04/08	Figure C.3

S:\12706\010_O&M Memo July08\Figure 1 GW Elev 42808.ai



LEGEND:

- MW-15 105.77 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 106 — Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology
3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

April 28, 2008 GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 06/28/08	Figure C.4

S:\12706\010_O&M Memo July08\Figure 2 GW Elev 53008.ai

MW-18

MW-BXS-3
112.72

MW-BXS-2

MW-17

RECOVERED REBAR AND CAP "19631" DECEMBER 2007

MW-37

RECOVERED REBAR AND CAP "19631" DECEMBER 2007

MW-31
106.26

B'

MW-15
105.82

MW-16

MW-HCMW-7

MW-BXS-1
106.87

MW-36

SHOP

MW-28
108.51

A

MW-29
106.87

MW-34

MW-30
106.39

EW-1

EW-2

EW-3

EW-4

CO VAULT 1

64TH AVENUE N.E.
CITY RIGHT OF WAY

188TH STREET N.E.

MW-10
116.48

MW-22
111.44

MW-23
109.45

MW-3
107.58

MW-33

EW-5

MW-35

MW-24
107.78

MW-2
104.81

MW-32

B

MW-25
113.52

CO VAULT 2

EW-6

A'

MW-27
107.67

CONCRETE

RETORT

RETORT

CANOPY

CONCRETE

TREATING PLANT

Infiltration Gallery

MW-21

MW-12

EW-7

MW-26
108.20

MW HCMW-5
119.18

MW-19

MW-20

MW-HCMW-6
107.56

MW-13

LAB

SHOP

BUTT TREATING AREA

MW-11
124.46

115 114 113 112 111 110 109 108 107 106 105 116 117 118 119 120 121 122 123 124 125

LEGEND:

MW-15
105.82
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

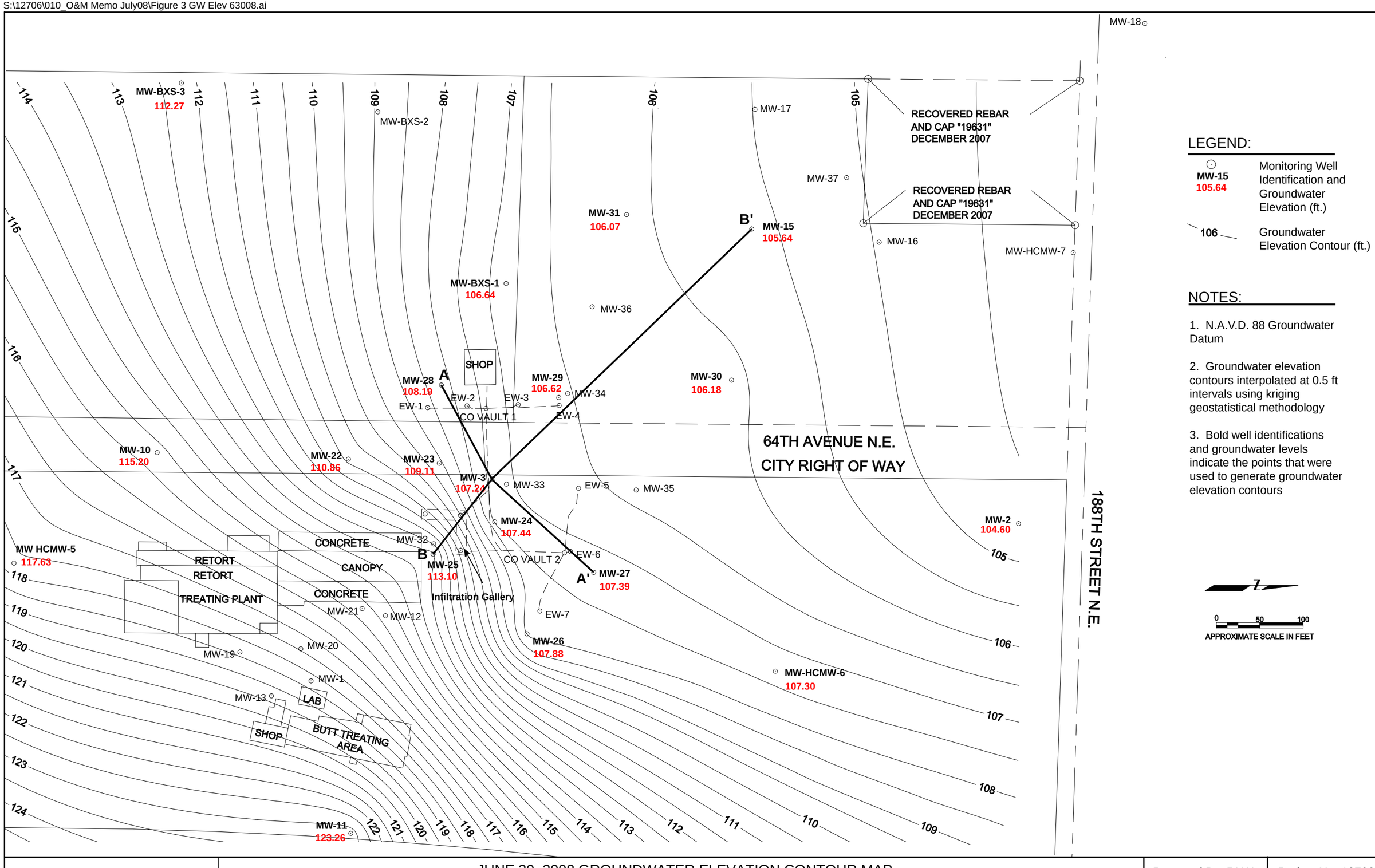
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

May 30, 2008 GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 06/28/08	Figure C.5

S:\12706\010_O&M Memo July08\Figure 3 GW Elev 63008.ai



LEGEND:

MW-15 105.64 — Monitoring Well Identification and Groundwater Elevation (ft.)

106 — Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

0 50 100

APPROXIMATE SCALE IN FEET

AMEC Geomatrix	JUNE 30, 2008 GROUNDWATER ELEVATION CONTOUR MAP Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		Date: 07/03/08	Figure C.6

S:\12706\010_O&M Memo September08\Figure 1 GW Contour 072808.ai

MW-18

MW-BXS-3
111.42

MW-BXS-2
107.43

MW-17
104.81

RECOVERED REBAR
AND CAP "19631"
DECEMBER 2007

MW-37
104.51

RECOVERED REBAR
AND CAP "19631"
DECEMBER 2007

MW-31
105.34

MW-15
104.93

B'

MW-16
104.25

MW-HCMW-7
103.03

MW-BXS-1

MW-36

SHOP

A

MW-28
107.45

MW-29
105.79

MW-30
105.40

EW-1

EW-2

EW-3

MW-34

EW-4

CO VAULT 1

64TH AVENUE N.E.
CITY RIGHT OF WAY

MW-10
113.20

MW-22
110.15

MW-23
108.43

MW-3
106.39

MW-33

EW-5

MW-35

MW-2
103.91

188TH STREET N.E.

MW-24
106.57

CONCRETE

MW-32

B

CO VAULT 2

EW-6

MW HCMW-5
115.53

RETORT

RETORT

CANOPY

MW-25
112.49

A'

MW-27
106.47

TREATING PLANT

CONCRETE

Infiltration Gallery

MW-21

MW-12

EW-7

MW-26
106.93

MW-20

MW-19

MW-HCMW-6
106.38

MW-1

MW-13

LAB

SHOP

BUTT TREATING
AREA

MW-11
121.75

113 112 111 110 109 108 107 106 105 104 115 116 117 118 119 120 121 122 114

LEGEND:

MW-15
104.93
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

N

0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

July 28, 2008 GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 10/06/08	Figure C.7

S:\12706\010_O&M Memo September08\Figure 2 GW Contour 082508.ai

MW-18

MW-BXS-3
114.42

MW-BXS-2
106.58

MW-17
104.10

RECOVERED REBAR
AND CAP "19631"
DECEMBER 2007

MW-37
103.78

RECOVERED REBAR
AND CAP "19631"
DECEMBER 2007

MW-31
104.58

MW-15
104.21

B'

MW-16
103.52

MW-HCMW-7
102.35

MW-BXS-1

MW-36

SHOP

A

MW-28
106.63

MW-29
105.00

MW-34

EW-1

EW-2

EW-3

EW-4

CO VAULT 1

MW-30
104.66

64TH AVENUE N.E.
CITY RIGHT OF WAY

MW-10
111.49

MW-22
109.30

MW-23
107.70

MW-3
105.60

MW-33

EW-5

MW-35

MW-2
103.20

188TH STREET N.E.

MW-24
105.77

MW-32

MW HCMW-5
113.79

CONCRETE

RETORT

RETORT

CANOPY

CONCRETE

TREATING PLANT

B

MW-25
111.62

Infiltration Gallery

CO VAULT 2

EW-6

A'

MW-27
105.66

MW-21

MW-12

EW-7

MW-26
106.09

MW-20

MW-19

MW-1

MW-13

LAB

SHOP

BUTT TREATING
AREA

MW-HCMW-6
105.51

MW-11
120.89

113 112 111 110 109 108 107 106 105 104 103

114 115 116 117 118 119 120 121

LEGEND:

MW-15
104.21
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

N

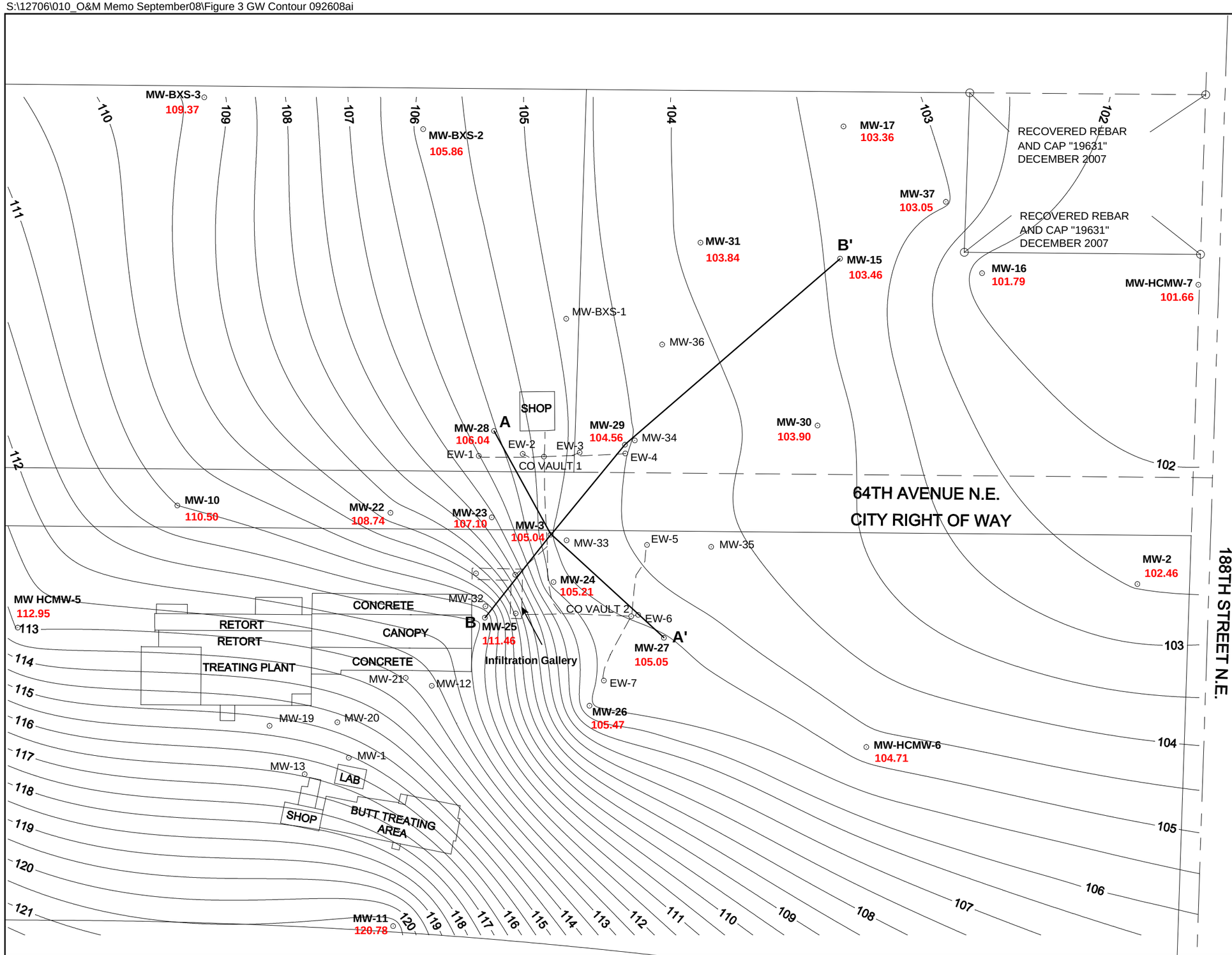
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

AUGUST 25, 2008 GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW | Project No. 12706
Date: 08/26/08 | Figure C.8

S:\12706\010_O&M Memo September08\Figure 3 GW Contour 092608ai



LEGEND:

MW-15
103.46
Monitoring Well Identification and Groundwater Elevation (ft.)

106
Groundwater Elevation Contour (ft.)

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology

3. Bold well identifications and groundwater levels indicate the points that were used to generate groundwater elevation contours

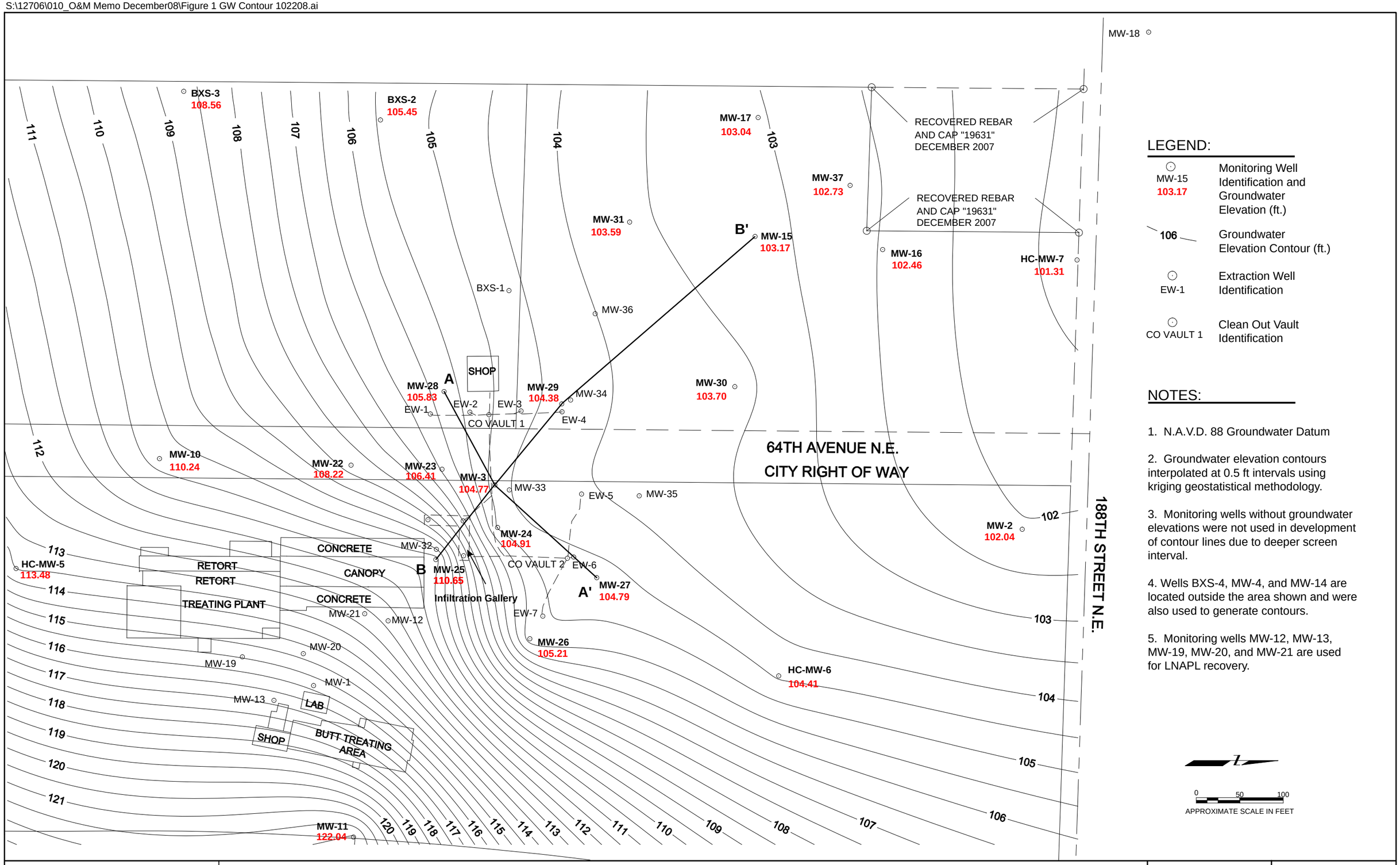
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

SEPTEMBER 26, 2008 GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 09/30/08	Figure C.9

S:\12706\010_O&M Memo December08\Figure 1 GW Contour 102208.ai



LEGEND:

- MW-15 / 103.17 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 106 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

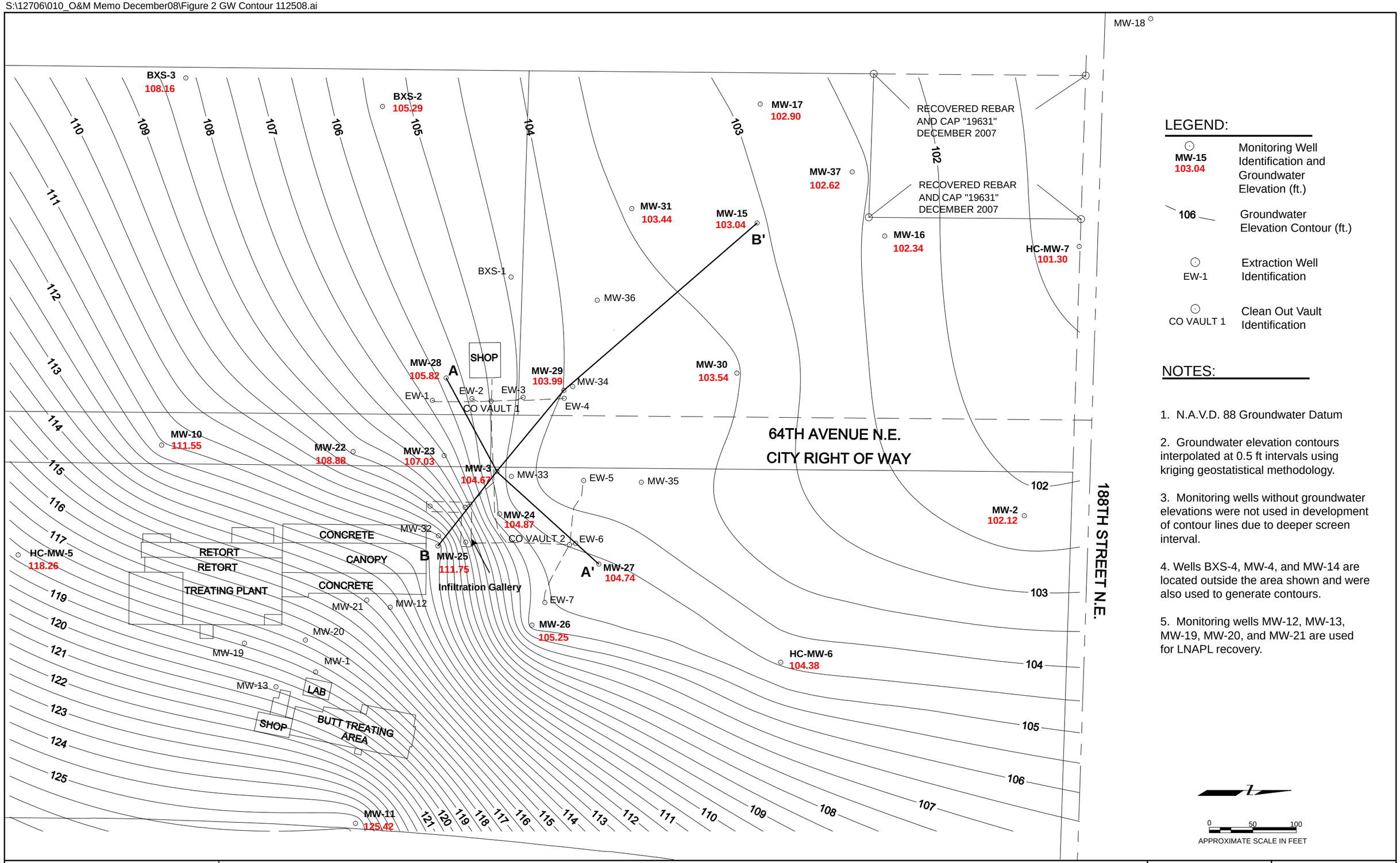
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

OCTOBER 22, 2008, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 10/27/08	Figure C.10

S:\12706\010_O&M Memo December08\Figure 2 GW Contour 112508.ai



LEGEND:

- MW-15 / 103.04 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 106 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

0 50 100

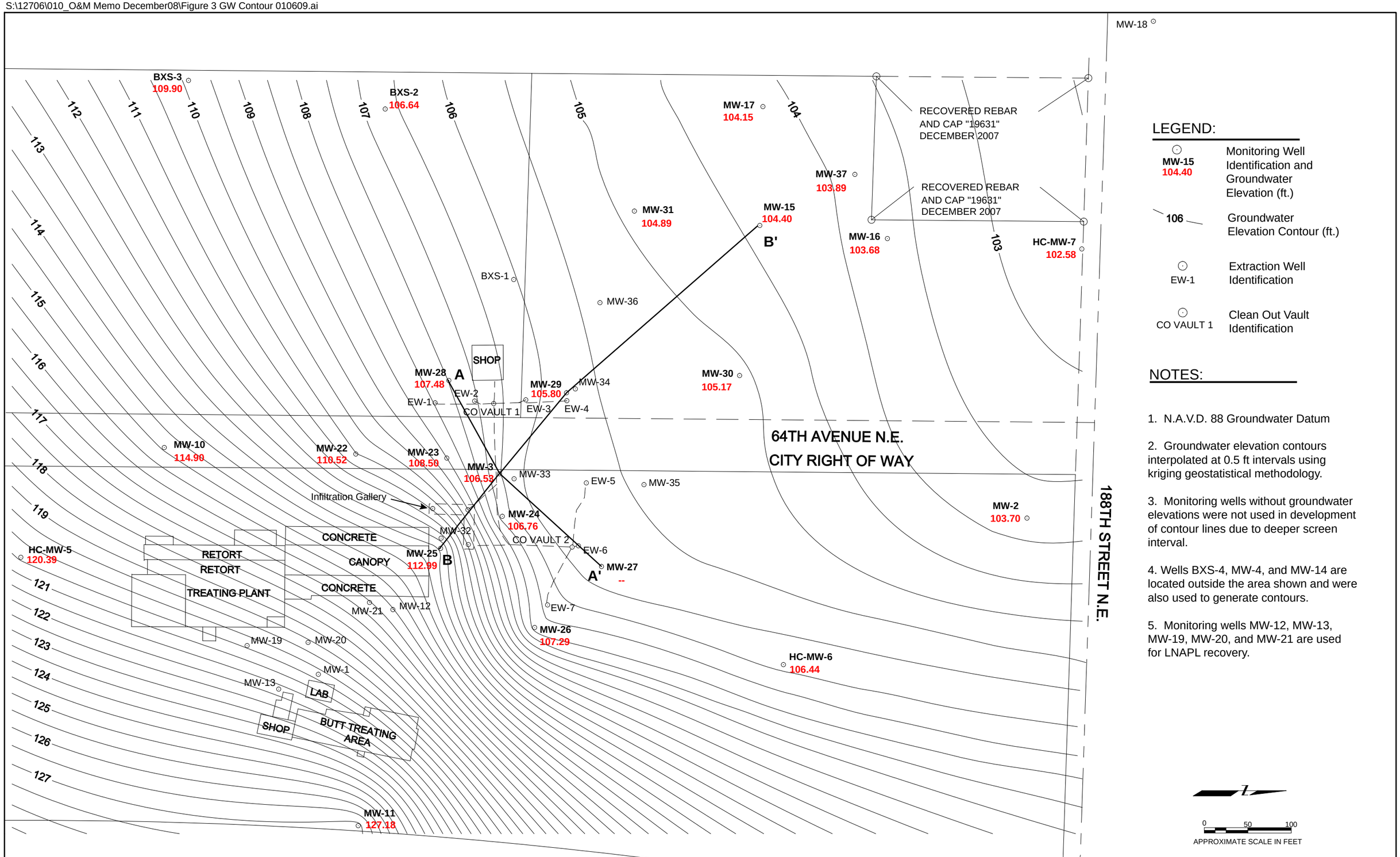
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

NOVEMBER 25, 2008, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 11/26/08	Figure C.11

S:\12706\010_O&M Memo December08\Figure 3 GW Contour 010609.ai



LEGEND:

- MW-15 104.40 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 106 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

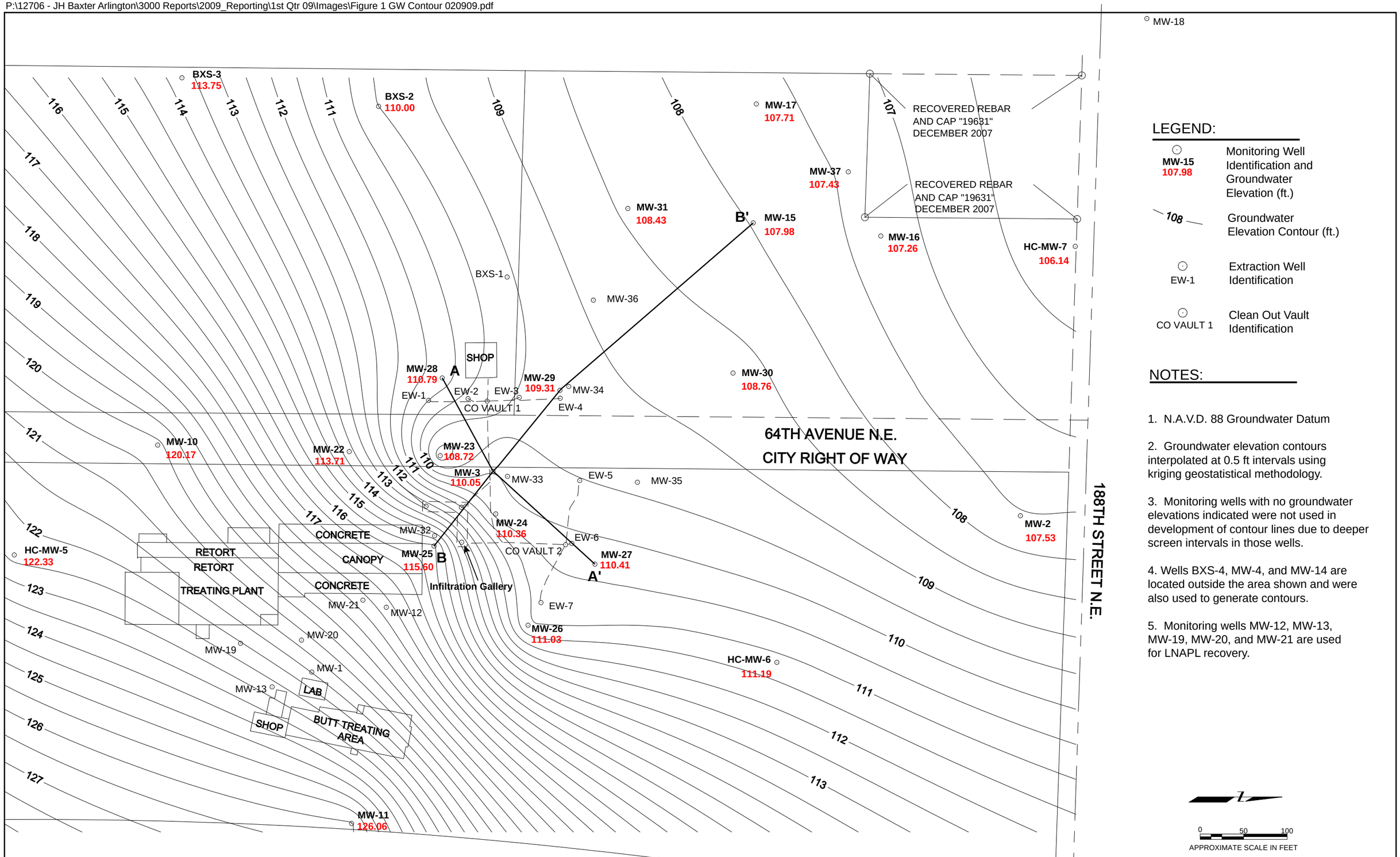
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

JANUARY 6, 2009, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 01/21/09	Figure C.12

P:\12706 - JH Baxter Arlington\3000 Reports\2009_Reporting\1st Qtr 09\Images\Figure 1 GW Contour 020909.pdf



LEGEND:

- MW-15 107.98 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells with no groundwater elevations indicated were not used in development of contour lines due to deeper screen intervals in those wells.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

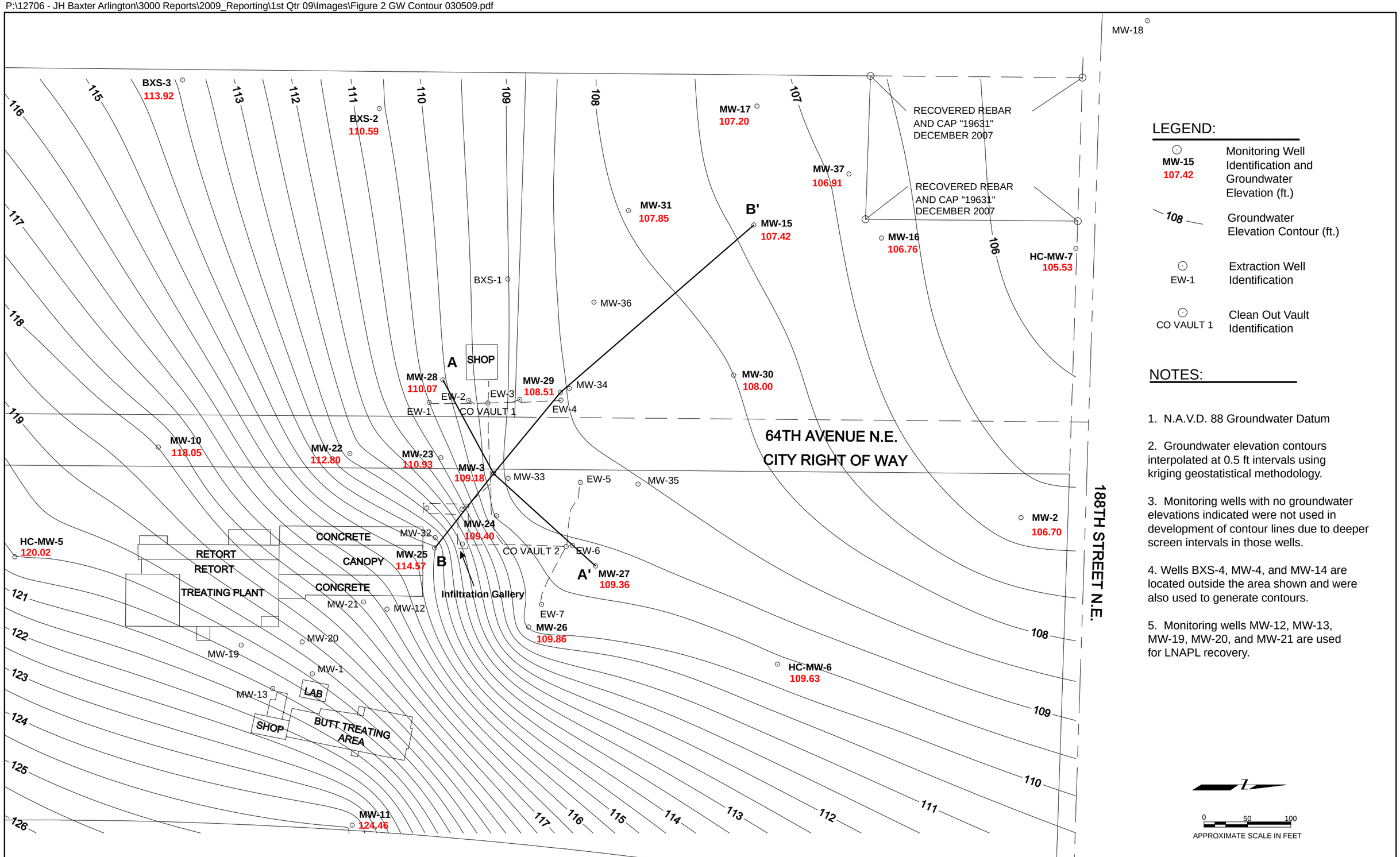
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

FEBRUARY 9, 2009, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 02/19/09	Figure C.13

P:\12706 - JH Baxter Arlington\3000 Reports\2009_Reporting\1st Qtr 09\Images\Figure 2 GW Contour 030509.pdf



LEGEND:

- MW-15 107.42 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells with no groundwater elevations indicated were not used in development of contour lines due to deeper screen intervals in those wells.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

N

0 50 100

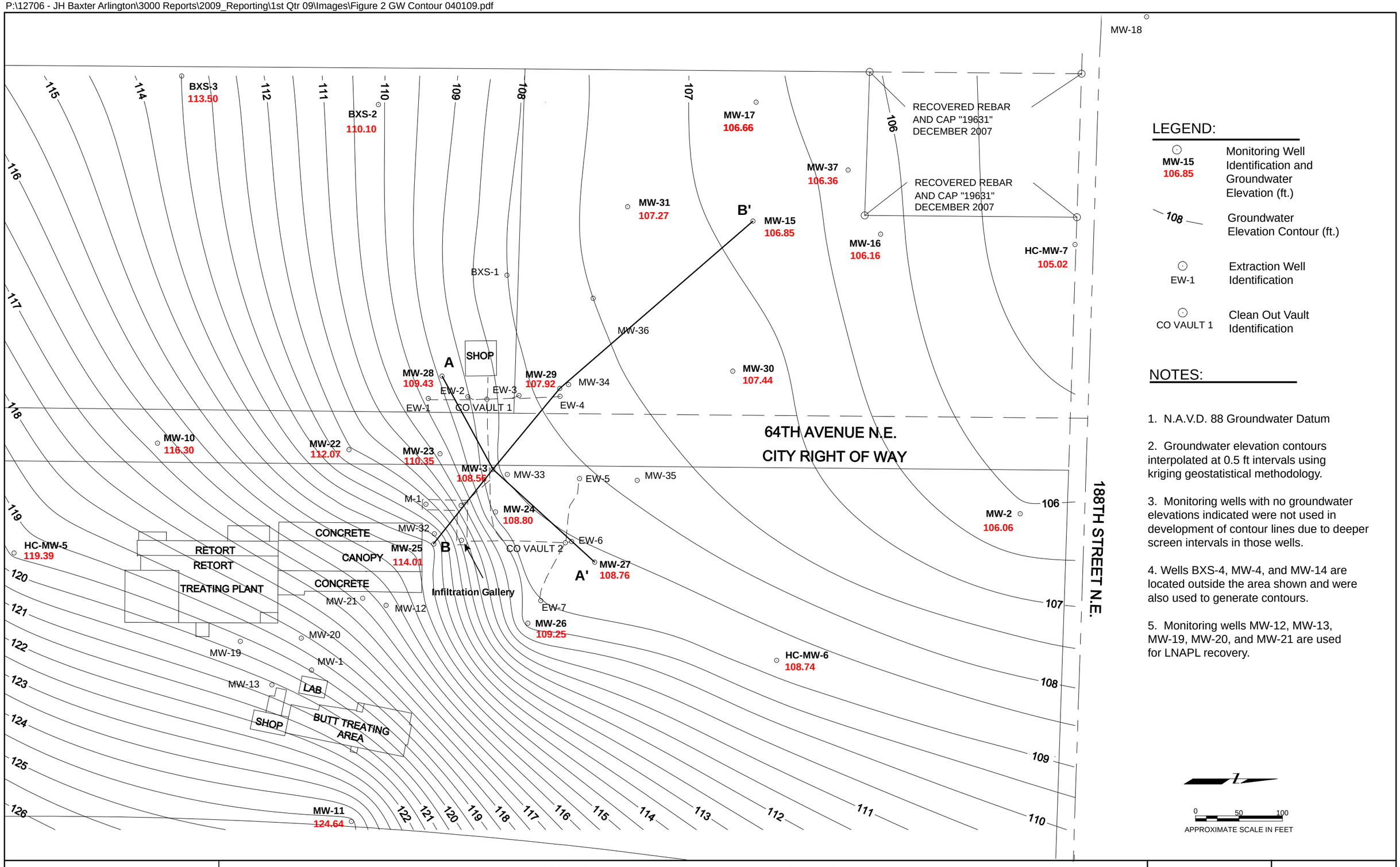
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

MARCH 5, 2009, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 03/13/09	Figure C.14

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LEGEND:

- MW-15 106.85 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells with no groundwater elevations indicated were not used in development of contour lines due to deeper screen intervals in those wells.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

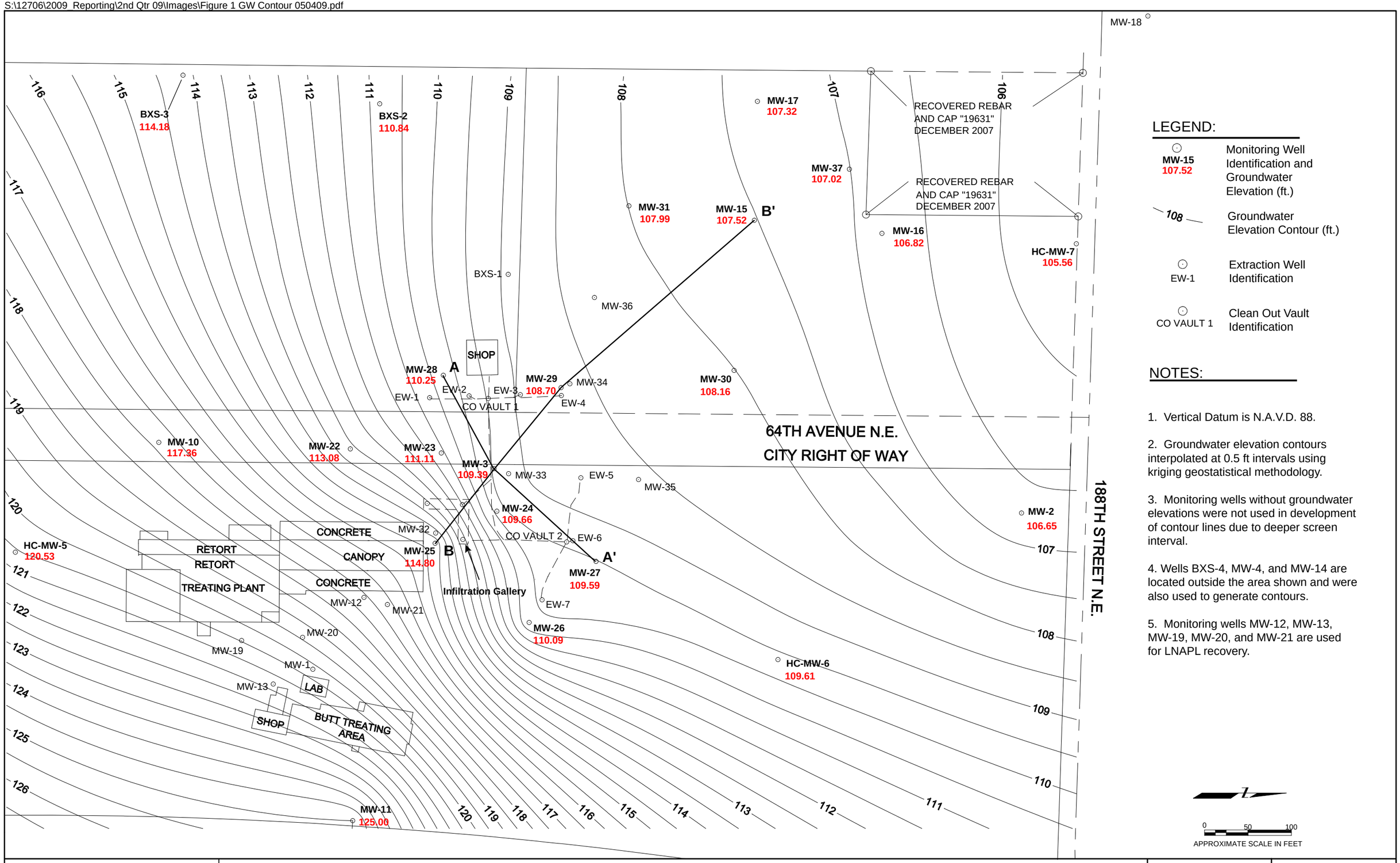
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

APRIL 1, 2009, GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 04/03/09	Figure C.15

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LEGEND:

- MW-15 107.52 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. Vertical Datum is N.A.V.D. 88.
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

N

0 50 100

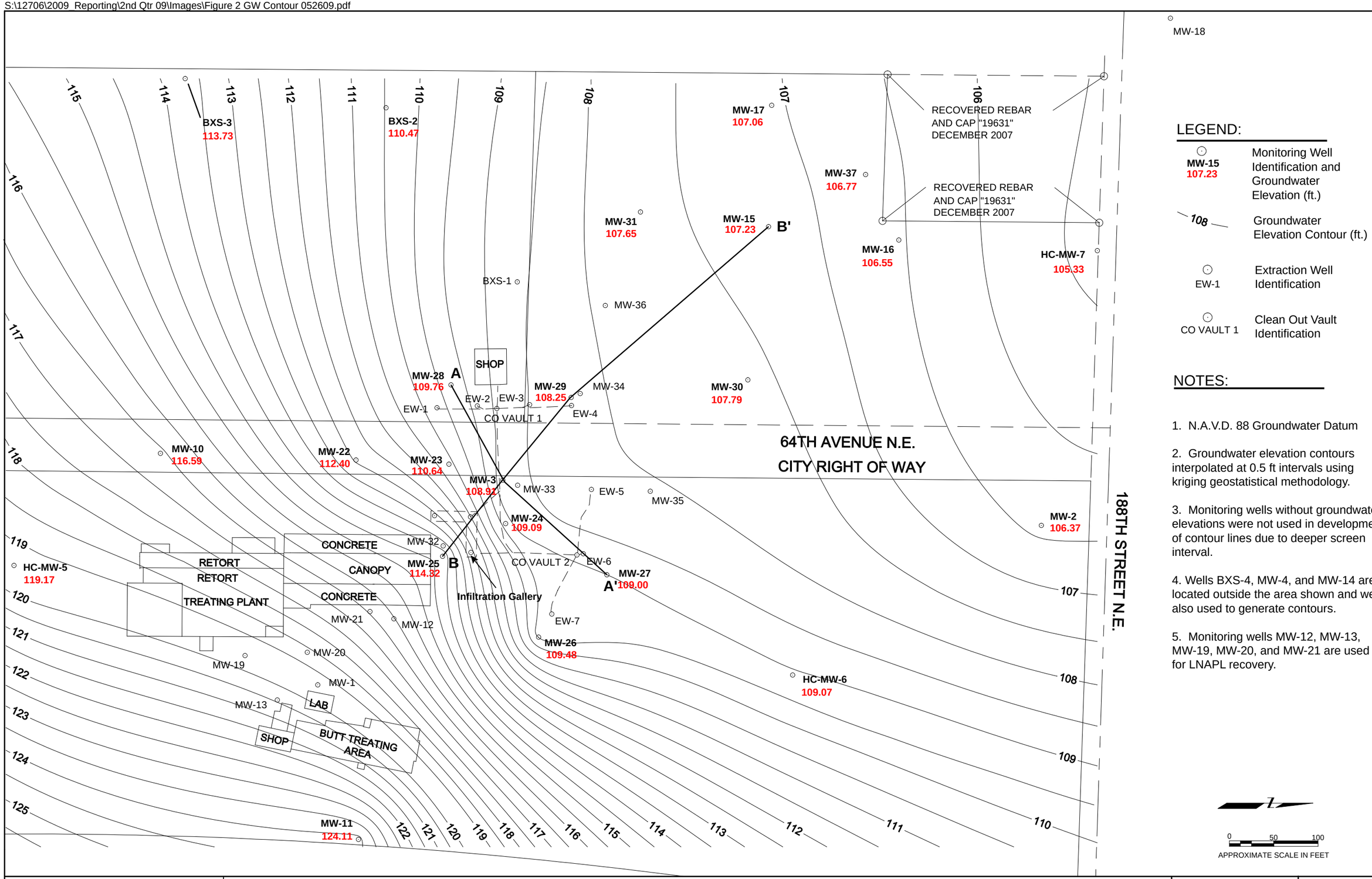
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

APRIL MONITORING EVENT (MAY 4, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 05/13/09	Figure C.16

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LEGEND:

- MW-15 107.23 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

0 50 100

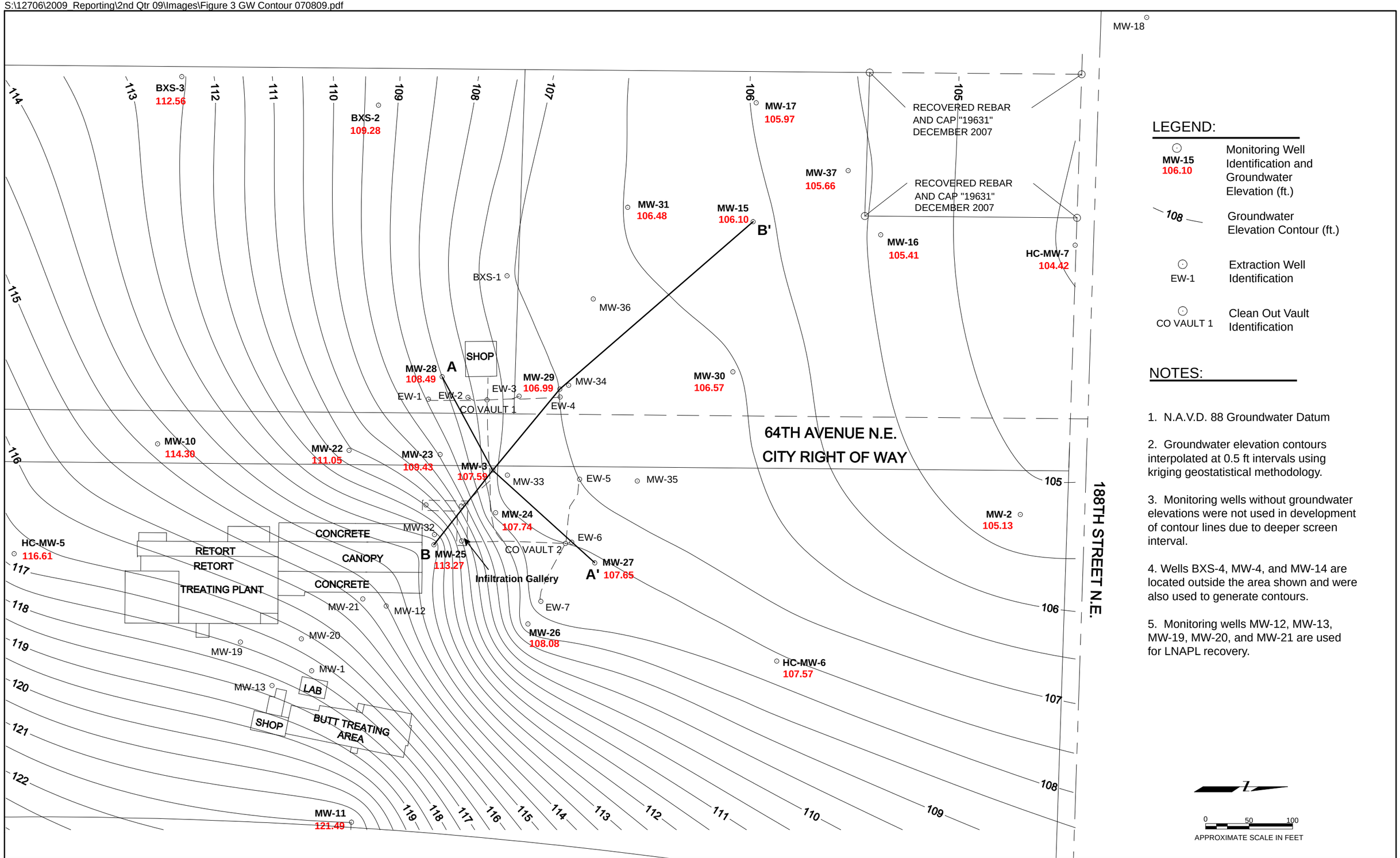
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

MAY MONITORING EVENT (MAY 26, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 05/29/09	Figure C.17

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LEGEND:

- MW-15 106.10 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

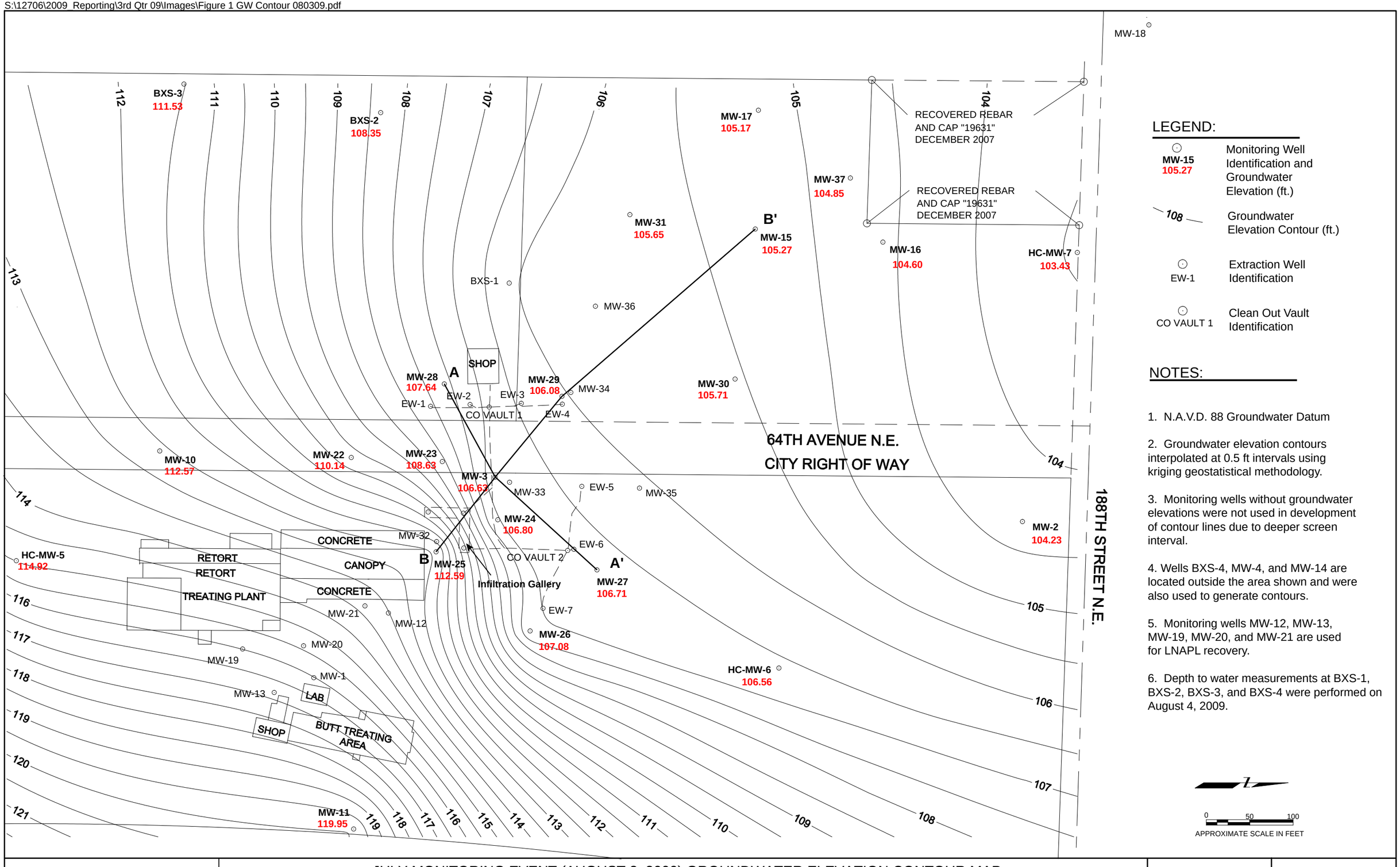
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

JUNE MONITORING EVENT (JULY 8, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 07/09/09	Figure C.18

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LEGEND:

- MW-15 105.27 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. Depth to water measurements at BXS-1, BXS-2, BXS-3, and BXS-4 were performed on August 4, 2009.

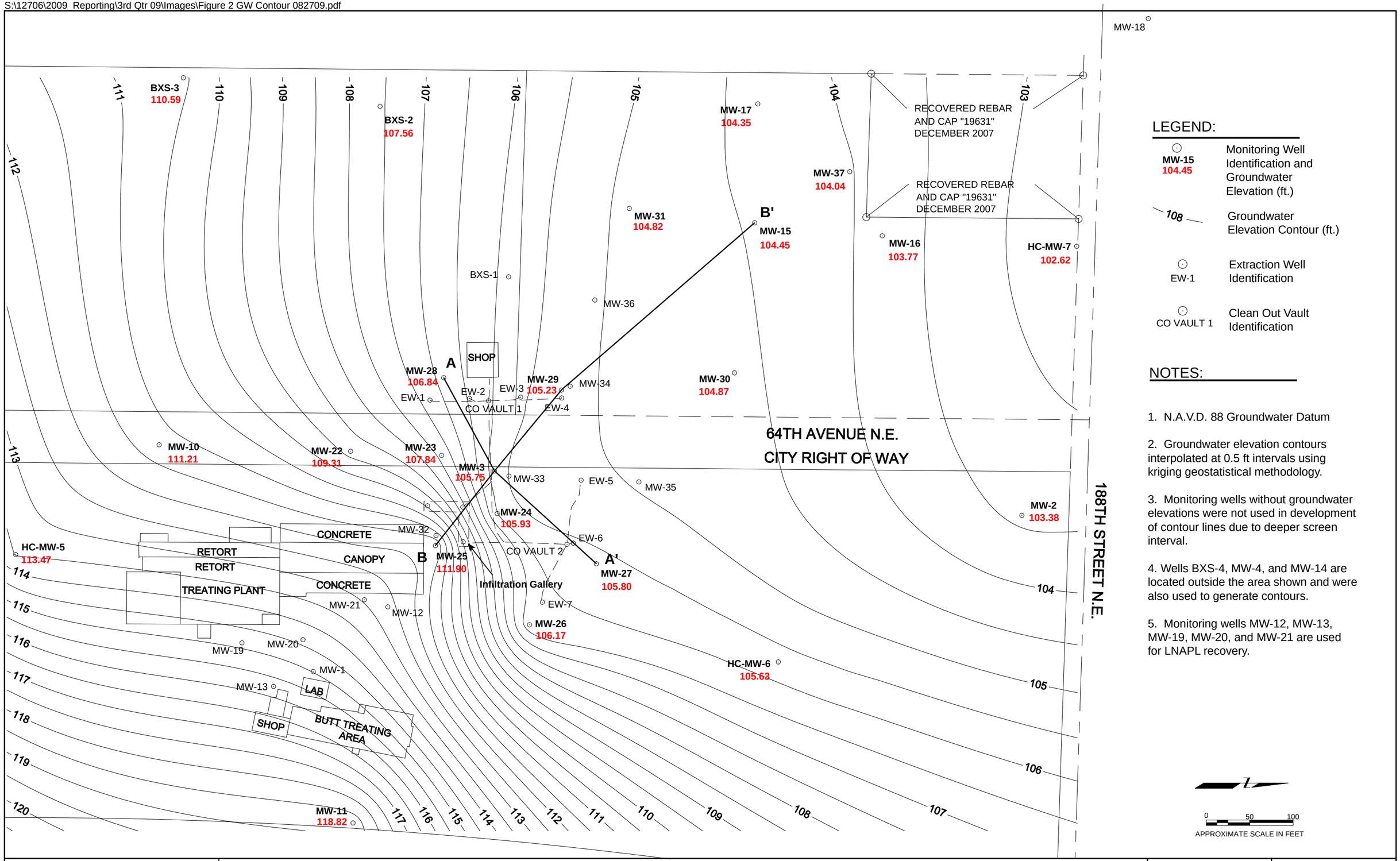
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

JULY MONITORING EVENT (AUGUST 3, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 08/08/09	Figure C.19

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LEGEND:

- MW-15 104.45 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

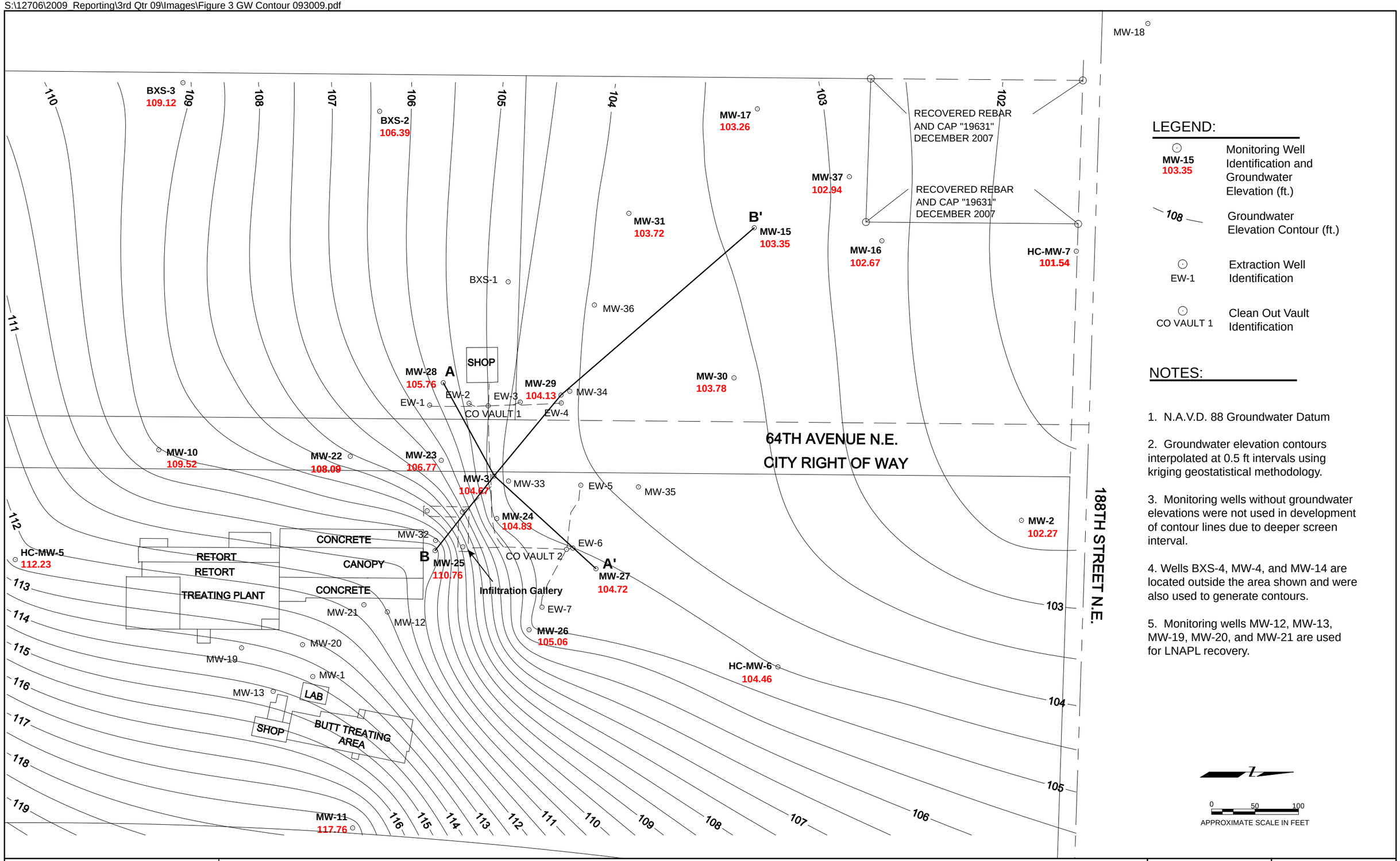
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

AUGUST MONITORING EVENT (AUGUST 27, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 08/31/09	Figure C.20

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LEGEND:

- MW-15 103.35 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

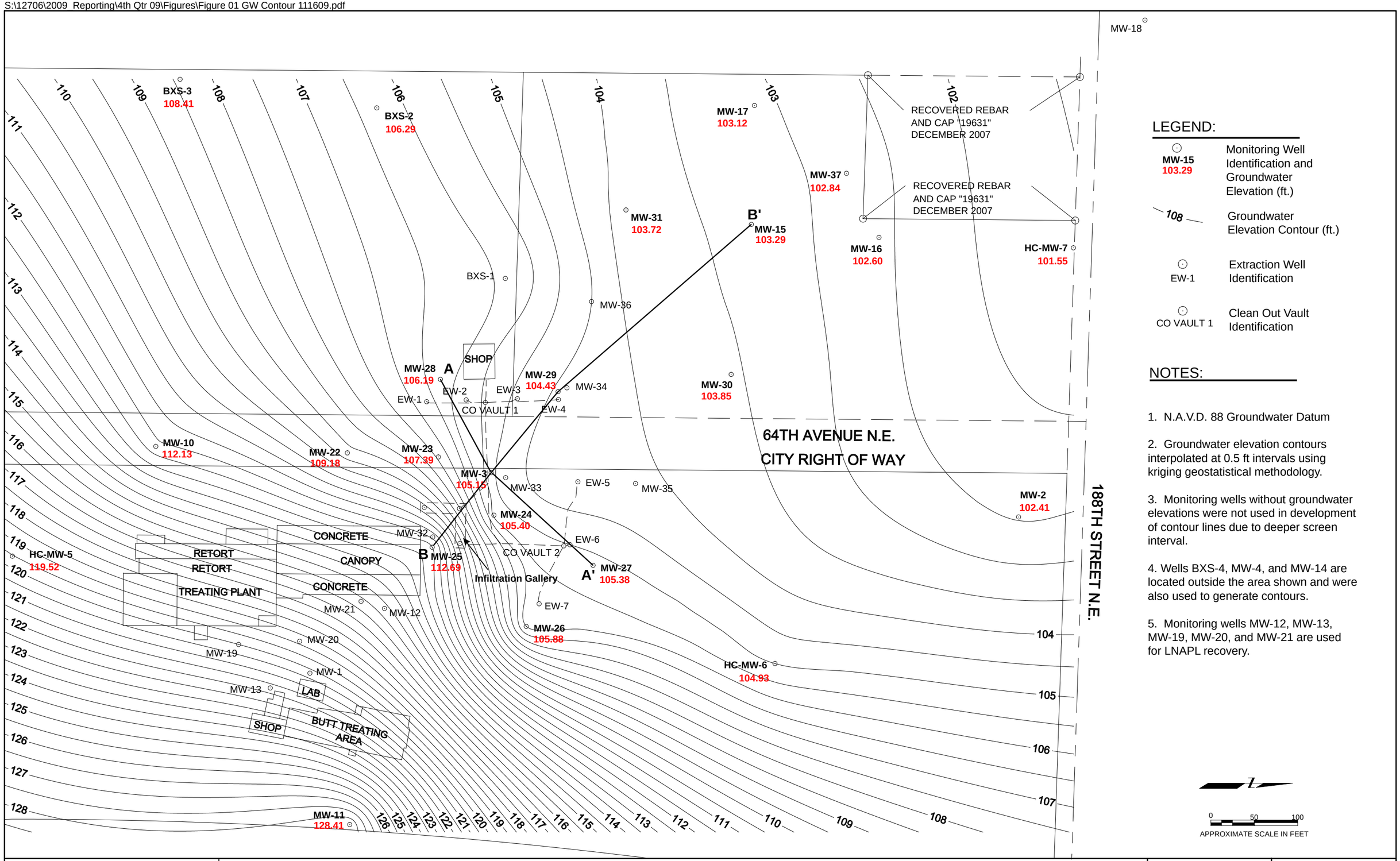
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

SEPTEMBER MONITORING EVENT (SEPTEMBER 30, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 10/01/09	Figure C.21

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LEGEND:

- MW-15 103.29 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

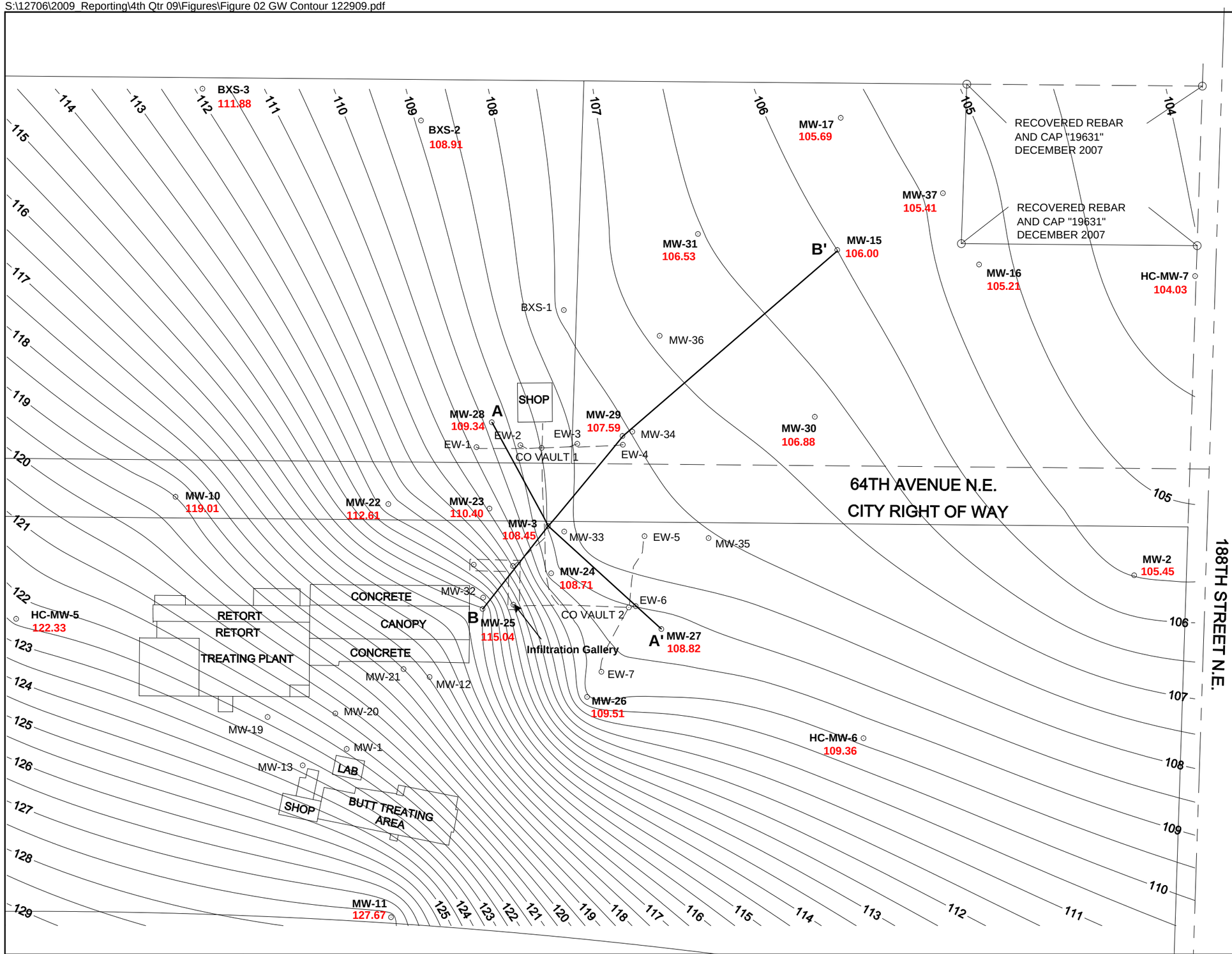
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

NOVEMBER MONITORING EVENT (NOVEMBER 16, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 11/30/09	Figure C.22

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LEGEND:

- MW-15 106.00 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

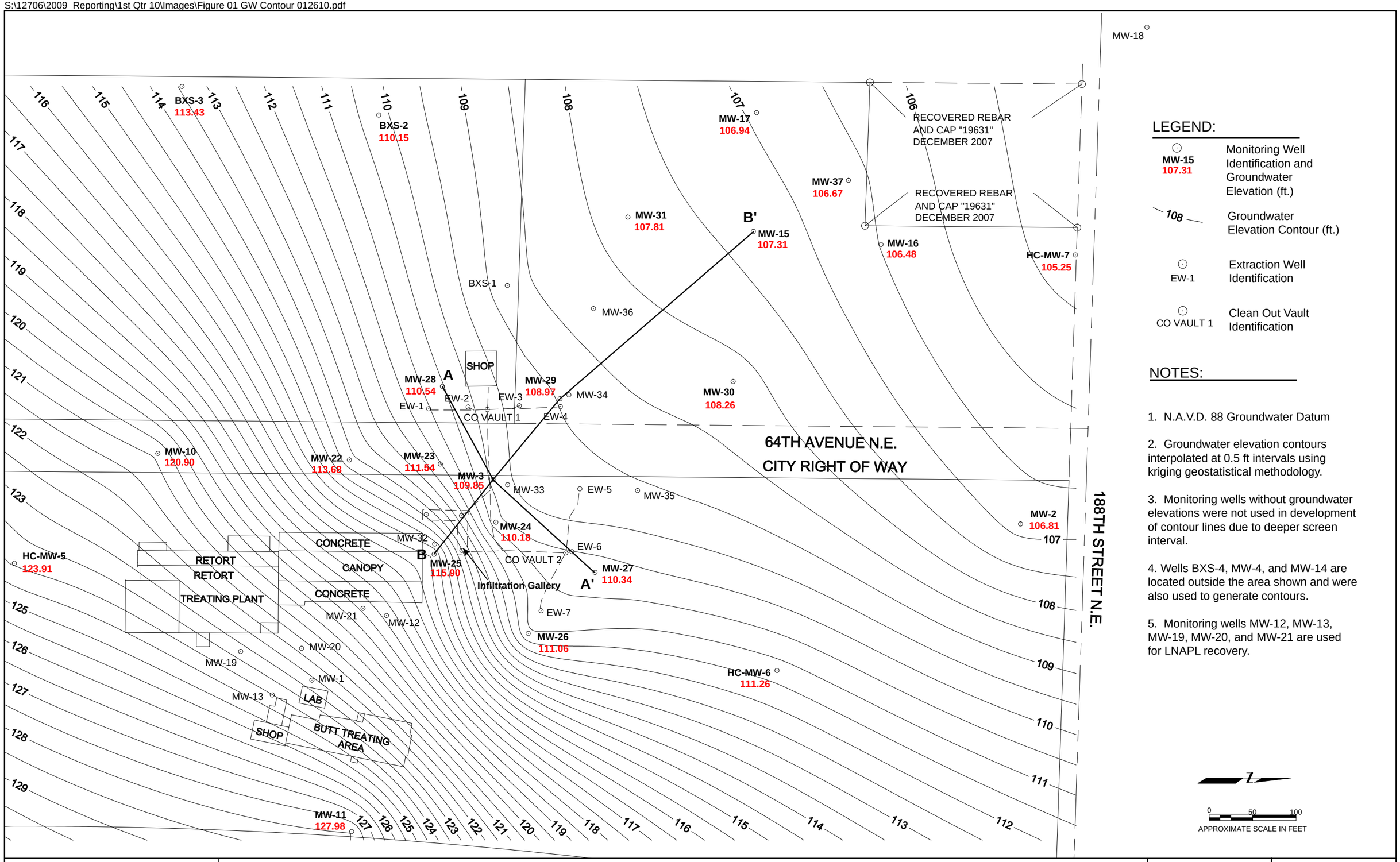
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

DECEMBER MONITORING EVENT (DECEMBER 29, 2009) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 12/30/09	Figure C.23

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LEGEND:

- MW-15 / 107.31 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

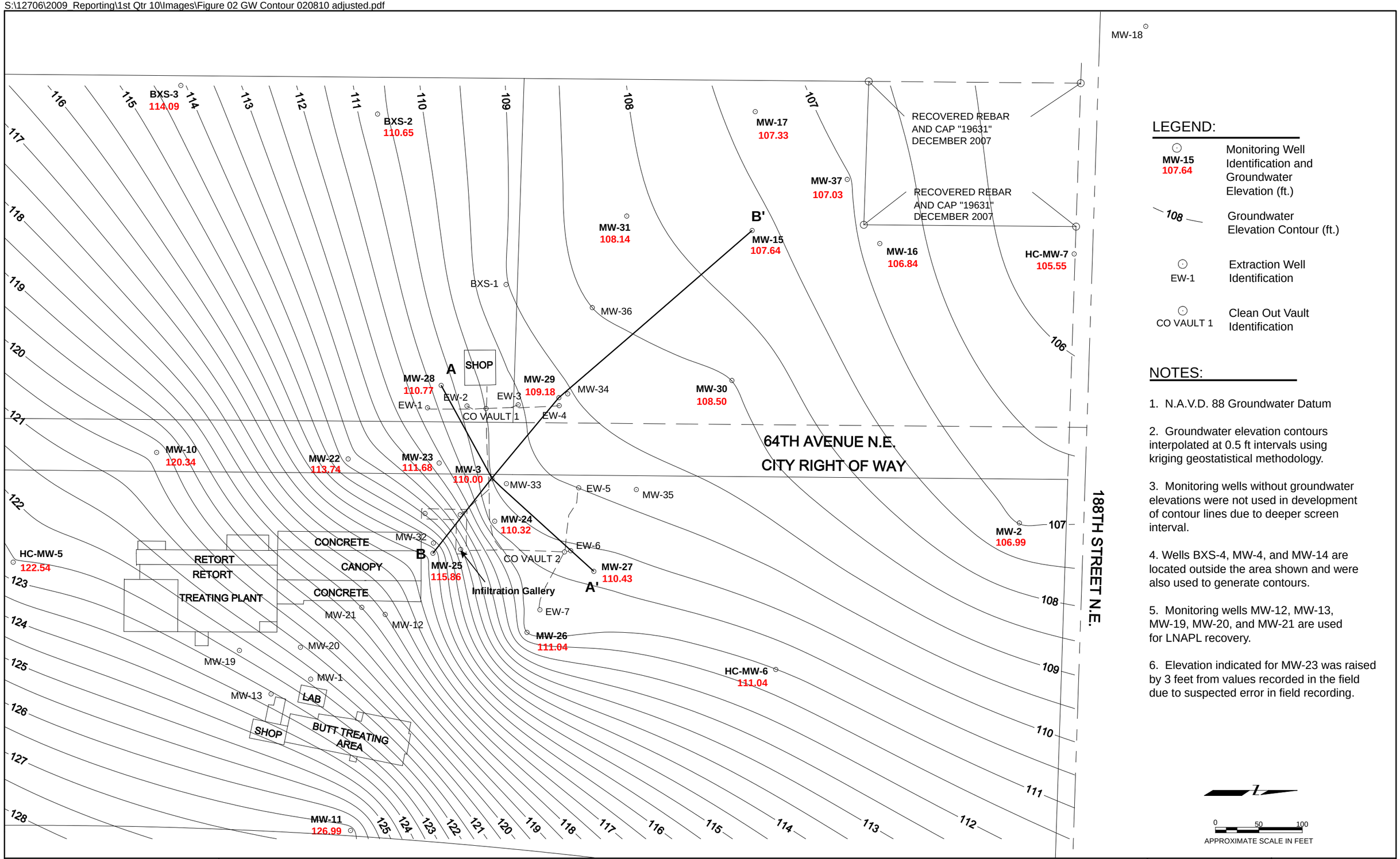
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

JANUARY MONITORING EVENT (JANUARY 25, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 1/27/10	Figure C.24

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LEGEND:

- MW-15 107.64 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum

2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.

3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.

4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.

5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.

6. Elevation indicated for MW-23 was raised by 3 feet from values recorded in the field due to suspected error in field recording.

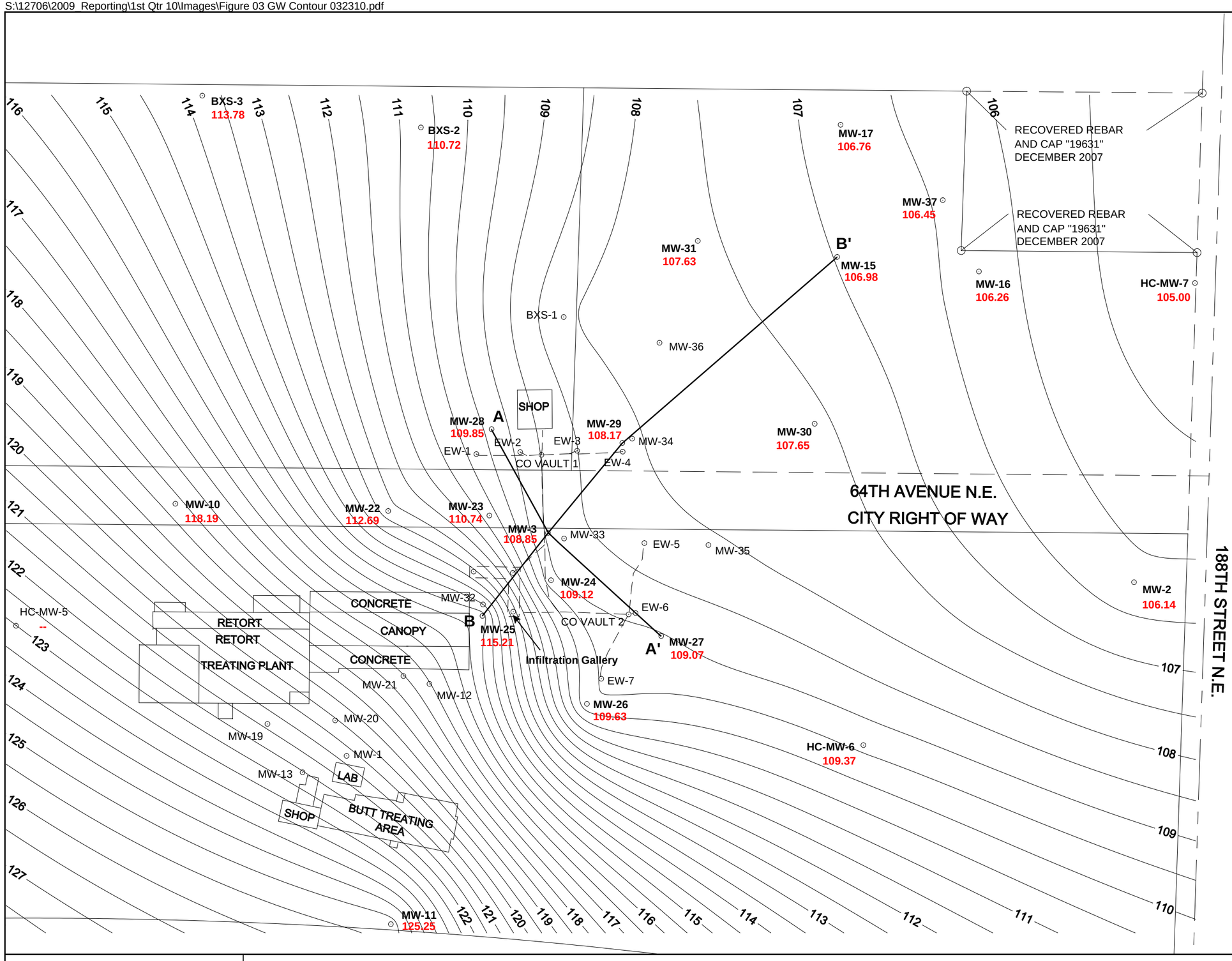
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

FEBRUARY MONITORING EVENT (FEBRUARY 8, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 2/15/10	Figure C.25

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LEGEND:

- MW-15 106.98 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. Groundwater elevation at HC-MW-5 was not recorded due to a damaged well monument lid, which could not be opened.
7. Groundwater elevations at MW-16 and MW-31 were lowered by 2 ft. from values recorded in the field due to suspected error in field recording.

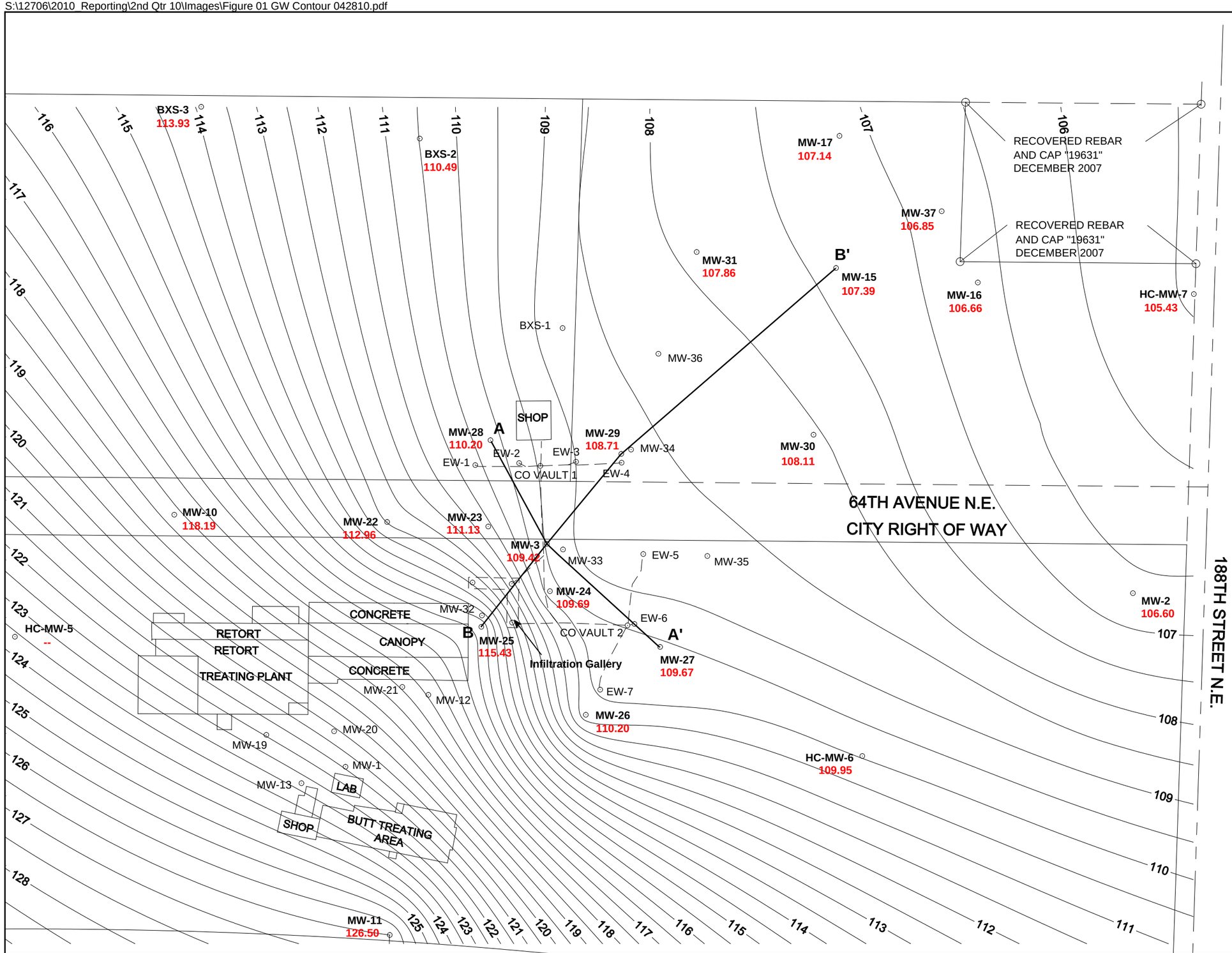
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

MARCH MONITORING EVENT (MARCH 23, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 4/2/10	Figure C.26

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LEGEND:

- MW-15 107.39 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. Groundwater elevation at HC-MW-5 was not recorded due to a damaged well monument lid, which could not be opened.
7. Groundwater elevation at MW-15 was increased by 1 ft. from the value recorded in the field due to suspected error in field recording.

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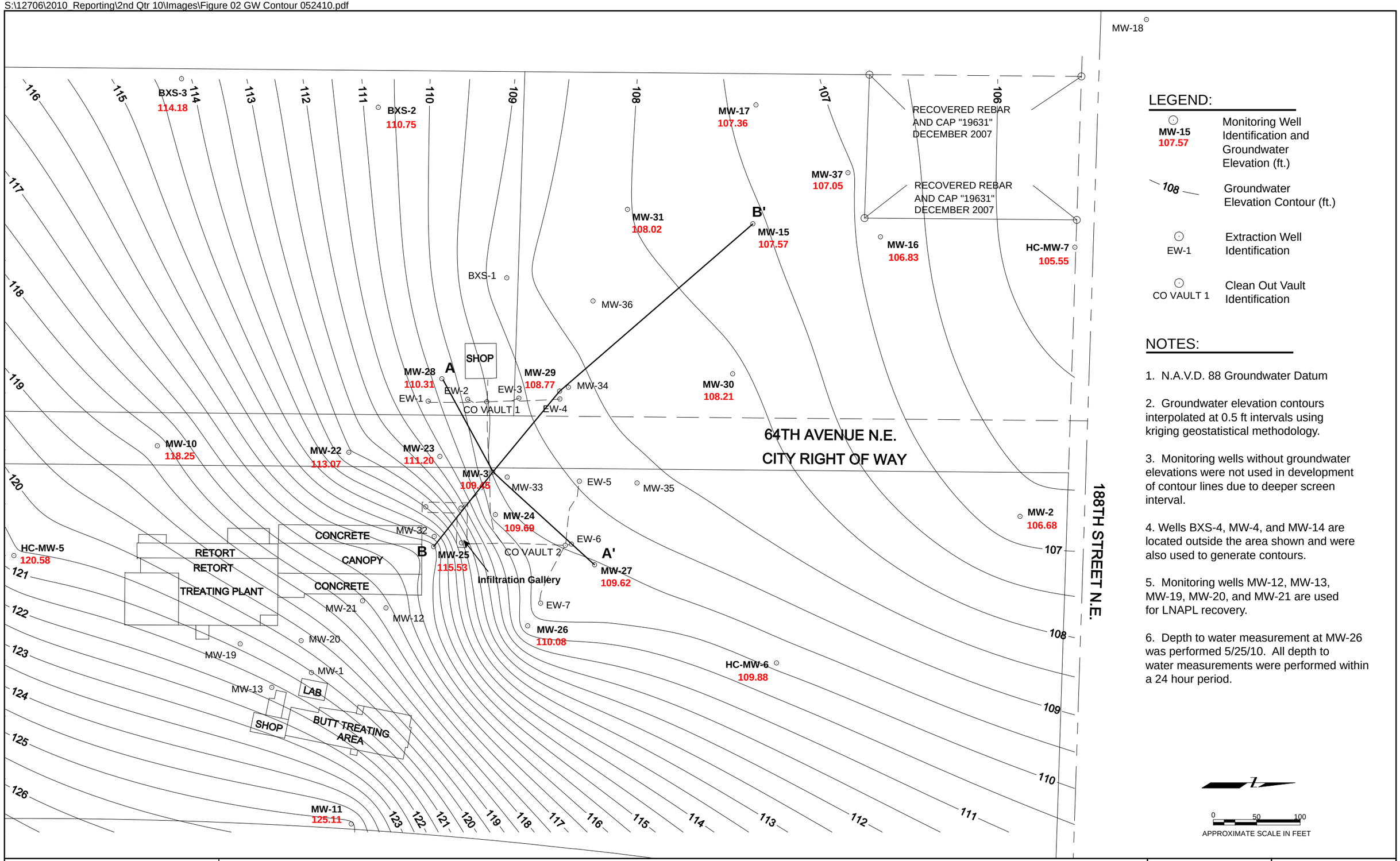
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

APRIL MONITORING EVENT (APRIL 28, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 5/3/10	Figure C.27

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LEGEND:

- MW-15 / 107.57 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. Depth to water measurement at MW-26 was performed 5/25/10. All depth to water measurements were performed within a 24 hour period.

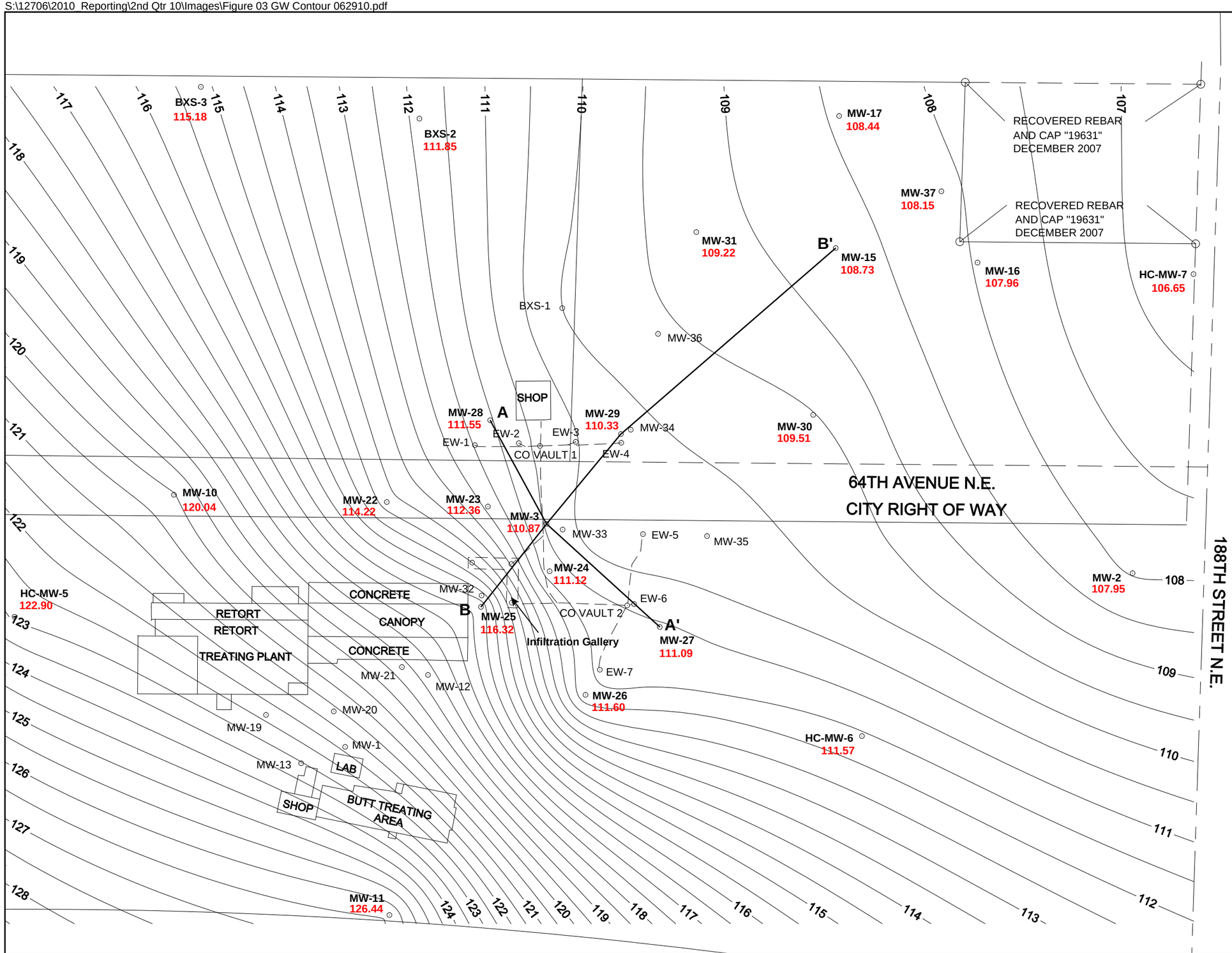
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

MAY MONITORING EVENT (MAY 24, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 6/3/10	Figure C.28

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LEGEND:

- MW-15 / 108.73 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. Extraction well EW-4 was not in operation during this monitoring event.

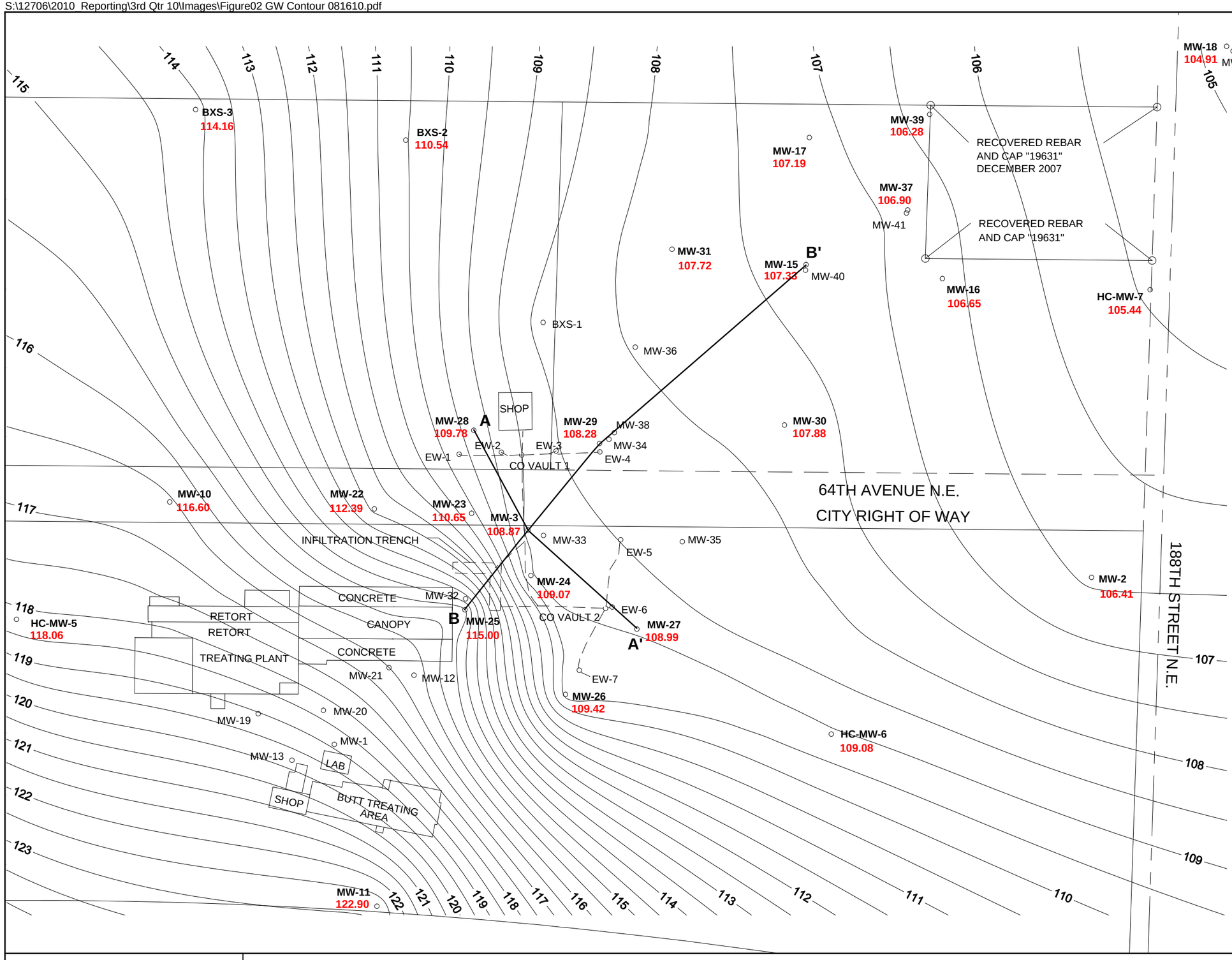
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APPROXIMATE SCALE IN FEET

AMEC Geomatrix

JUNE MONITORING EVENT (JUNE 29, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 7/14/10	Figure C.29

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LEGEND:

- MW-15 107.33 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, and MW-14 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. For well pairs and well triplets, groundwater elevation from the well with the highest screen elevation was used for contouring.

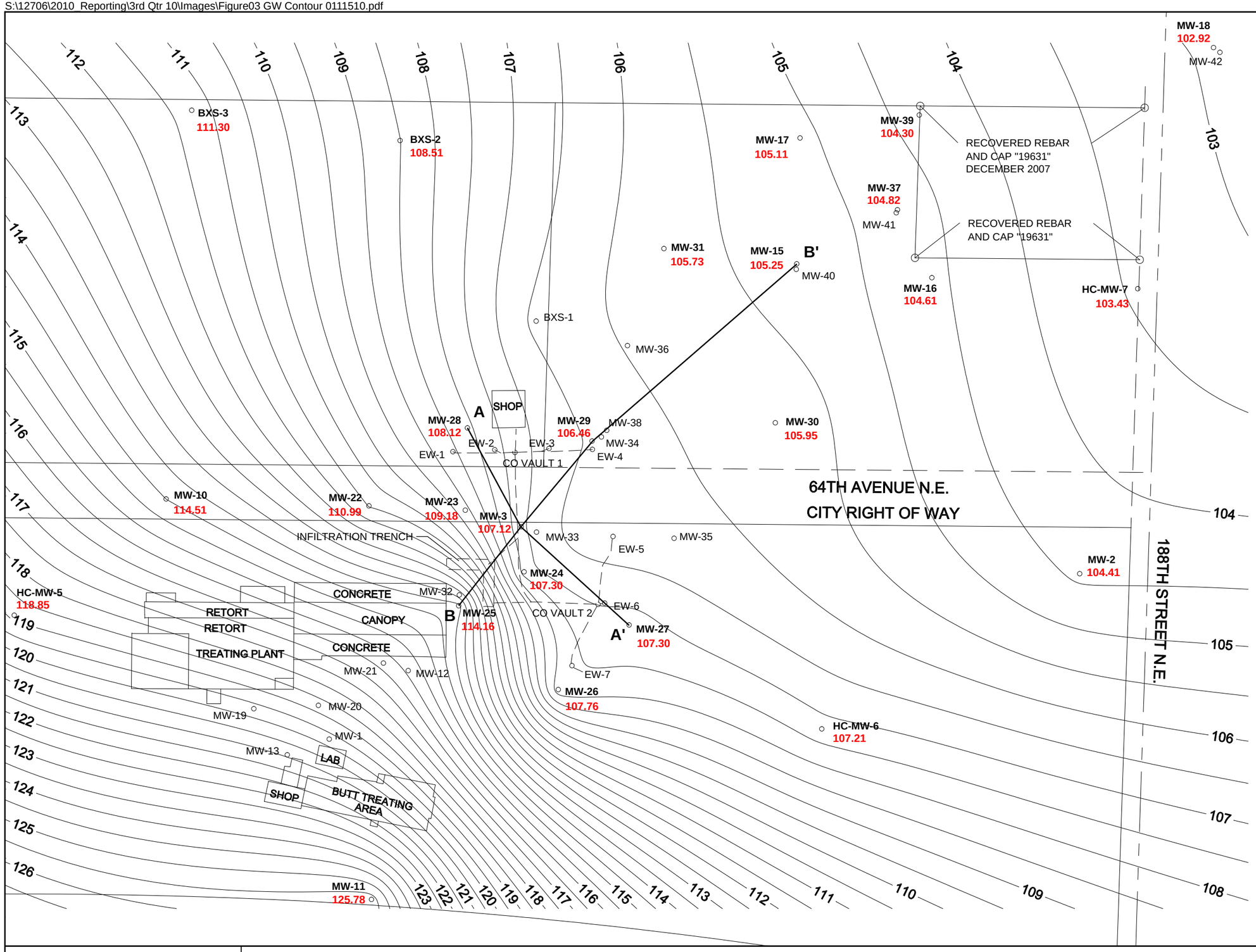
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

AUGUST MONITORING EVENT (AUGUST 16, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 11/17/10	Figure C.30

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LEGEND:

- MW-15 105.25 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, MW-14, and MW-43 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. For well pairs and well triplets, groundwater elevation from the well with the highest screen elevation was used for contouring.

0 50 100

APPROXIMATE SCALE IN FEET

AMEC Geomatrix

FOURTH QUARTER 2010 (NOVEMBER 15, 2010) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 12/1/10	Figure C.31

P:\12706 - JH Baxter Arlington\3000 Reports\2011_Reporting\1st Qtr 2011\Figure02 GW Contour 020711.pdf

BXS-3 116.19
BXS-2 112.75
MW-10 122.78
MW-22 115.94
MW-23 113.91
MW-3 112.38
MW-17 109.40
MW-39
MW-18 106.76
MW-42
MW-37 109.12
MW-41
RECOVERED REBAR AND CAP "19631" DECEMBER 2007
RECOVERED REBAR AND CAP "19631"
MW-31 110.34
MW-15 109.77
MW-40
MW-16 108.98
HC-MW-7 107.71
BXS-1
MW-36
MW-28 113.14
MW-29 111.83
MW-38
MW-34
MW-30 110.72
EW-1
EW-2
EW-3
EW-4
CO VAULT 1
SHOP
A
B'
64TH AVENUE N.E.
CITY RIGHT OF WAY
INFILTRATION TRENCH
MW-33
EW-5
MW-35
MW-24 112.61
MW-32
CONCRETE
CANOPY
RETORT
RETORT
TREATING PLANT
CONCRETE
B
MW-25 117.60
CO VAULT 2
EW-6
A'
MW-27 112.79
HC-MW-5 125.16
MW-21
MW-12
EW-7
MW-26 113.41
MW-20
MW-19
MW-1
MW-13
LAB
SHOP
BUTT TREATING AREA
HC-MW-6 113.50
MW-11 127.60
MW-2 109.32
188TH STREET N.E.
118 117 116 115 114 113 112 111 110 109 108 107
119 120 121 122 123 124 125 126 127 128 129

LEGEND:

- MW-15 109.77 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, MW-14, and MW-43 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. For well pairs and well triplets, groundwater elevation from the well with the highest screen elevation was used for contouring.

N

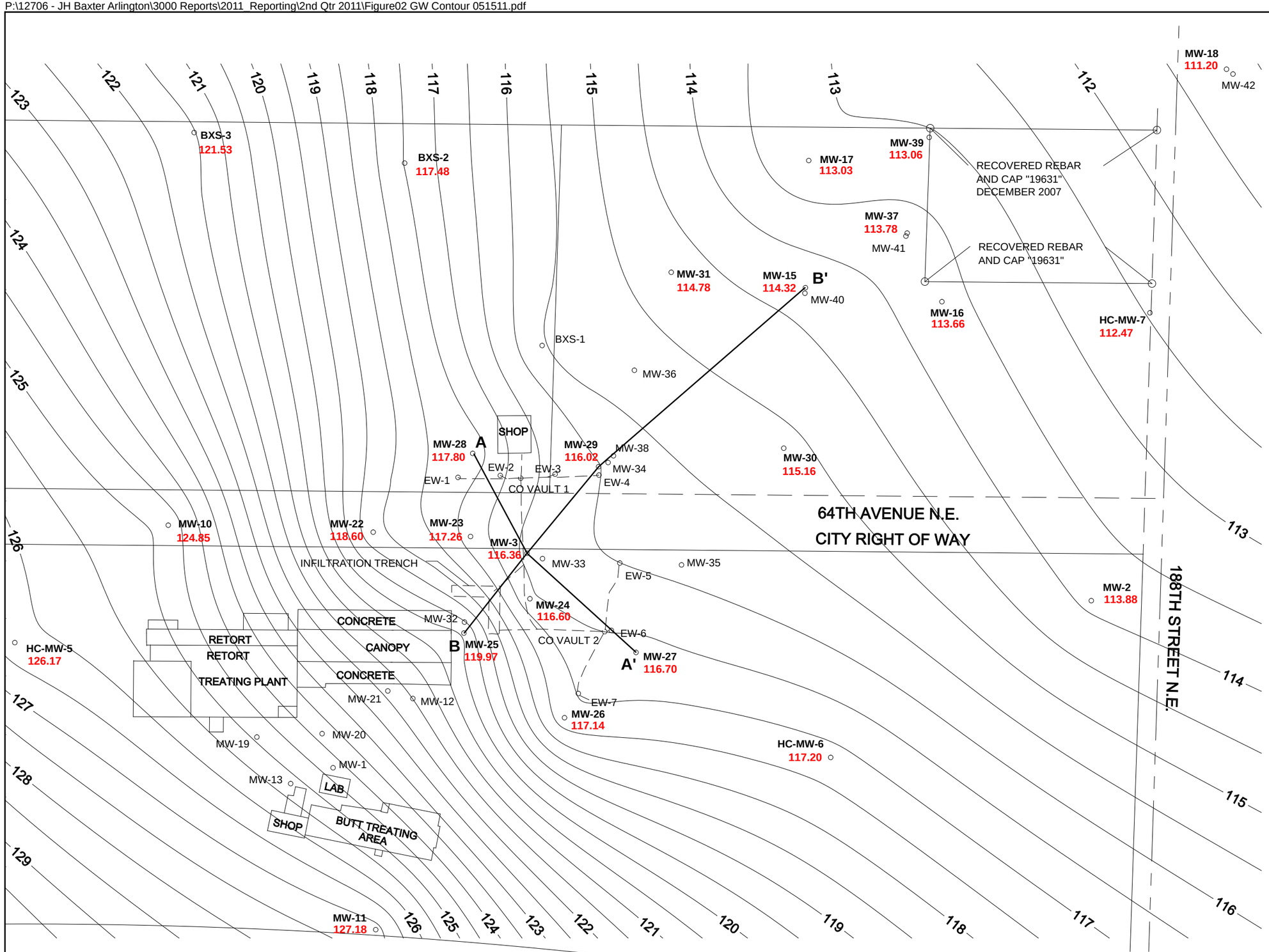
0 50 100
APPROXIMATE SCALE IN FEET

AMEC Geomatrix

FIRST QUARTER 2011 (FEBRUARY 7, 2011) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 2/24/10	Figure C.32

P:\12706 - JH Baxter Arlington\3000 Reports\2011_Reporting\2nd Qtr 2011\Figure02 GW Contour 051511.pdf



LEGEND:

- MW-17 / 113.03 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, MW-14, and MW-43 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. For well pairs and well triplets, groundwater elevation from the well with the highest screen elevation was used for contouring.
7. A suspected incorrect depth to water measurement occurred at MW-15. Therefore, the groundwater elevation at MW-15 was estimated by calculating the average elevation difference between MW-15 and MW-40 for the 3rd Quarter 2010 through the 1st Quarter 2011 and adding this difference to the 2nd Quarter 2011 groundwater elevation measured at MW-40.

N

0 50 100

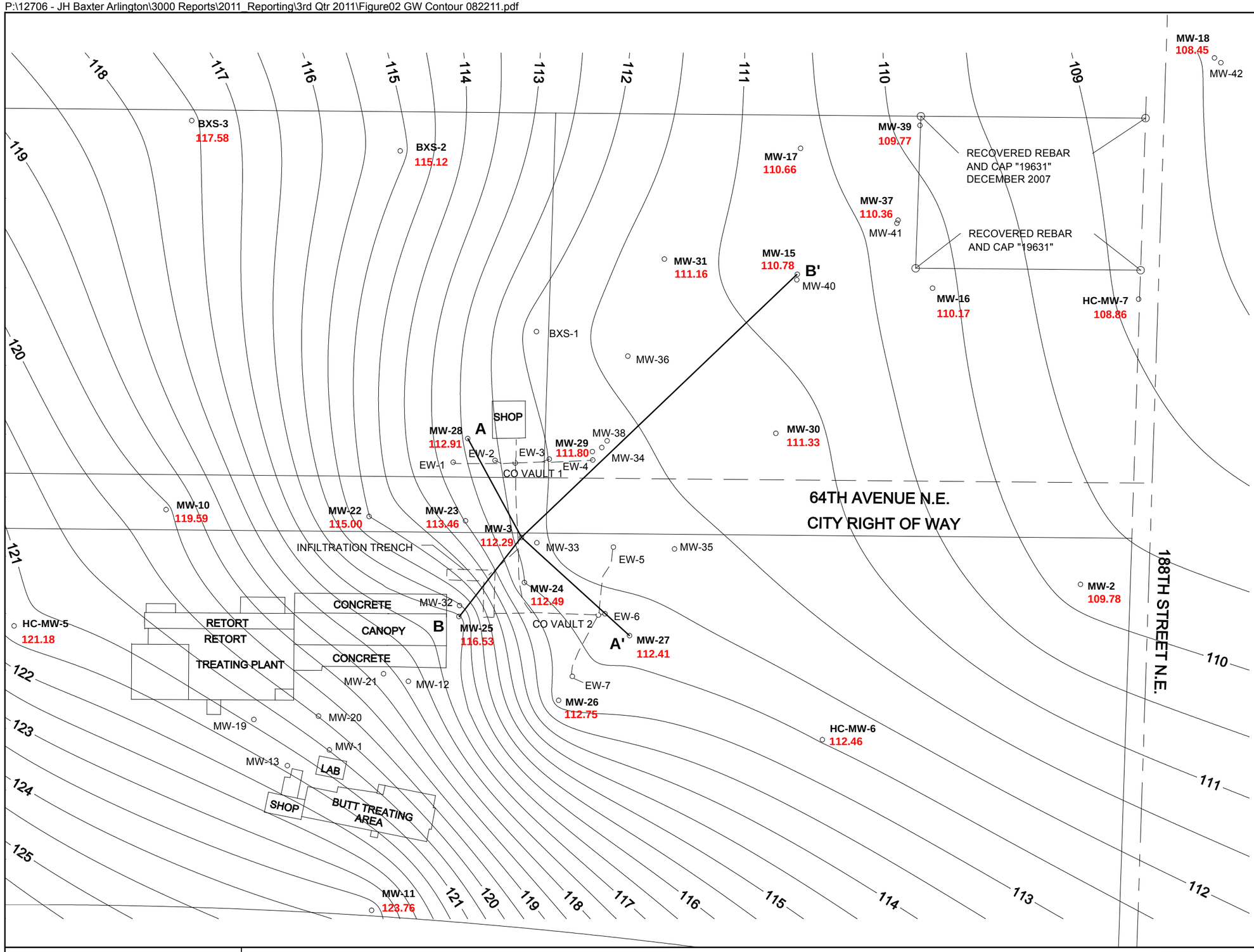
APPROXIMATE SCALE IN FEET

amec

SECOND QUARTER 2011 (MAY 2011) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 7/20/11	Figure C.33

P:\12706 - JH Baxter Arlington\3000 Reports\2011_Reporting\3rd Qtr 2011\Figure02 GW Contour 082211.pdf



LEGEND:

- MW-17 / 110.66 — Monitoring Well Identification and Groundwater Elevation (ft.)
- 108 — Groundwater Elevation Contour (ft.)
- EW-1 — Extraction Well Identification
- CO VAULT 1 — Clean Out Vault Identification

NOTES:

1. N.A.V.D. 88 Groundwater Datum
2. Groundwater elevation contours interpolated at 0.5 ft intervals using kriging geostatistical methodology.
3. Monitoring wells without groundwater elevations were not used in development of contour lines due to deeper screen interval.
4. Wells BXS-4, MW-4, MW-14, and MW-43 are located outside the area shown and were also used to generate contours.
5. Monitoring wells MW-12, MW-13, MW-19, MW-20, and MW-21 are used for LNAPL recovery.
6. For well pairs and well triplets, groundwater elevation from the well with the highest screen elevation was used for contouring.

0 50 100
APPROXIMATE SCALE IN FEET

amec

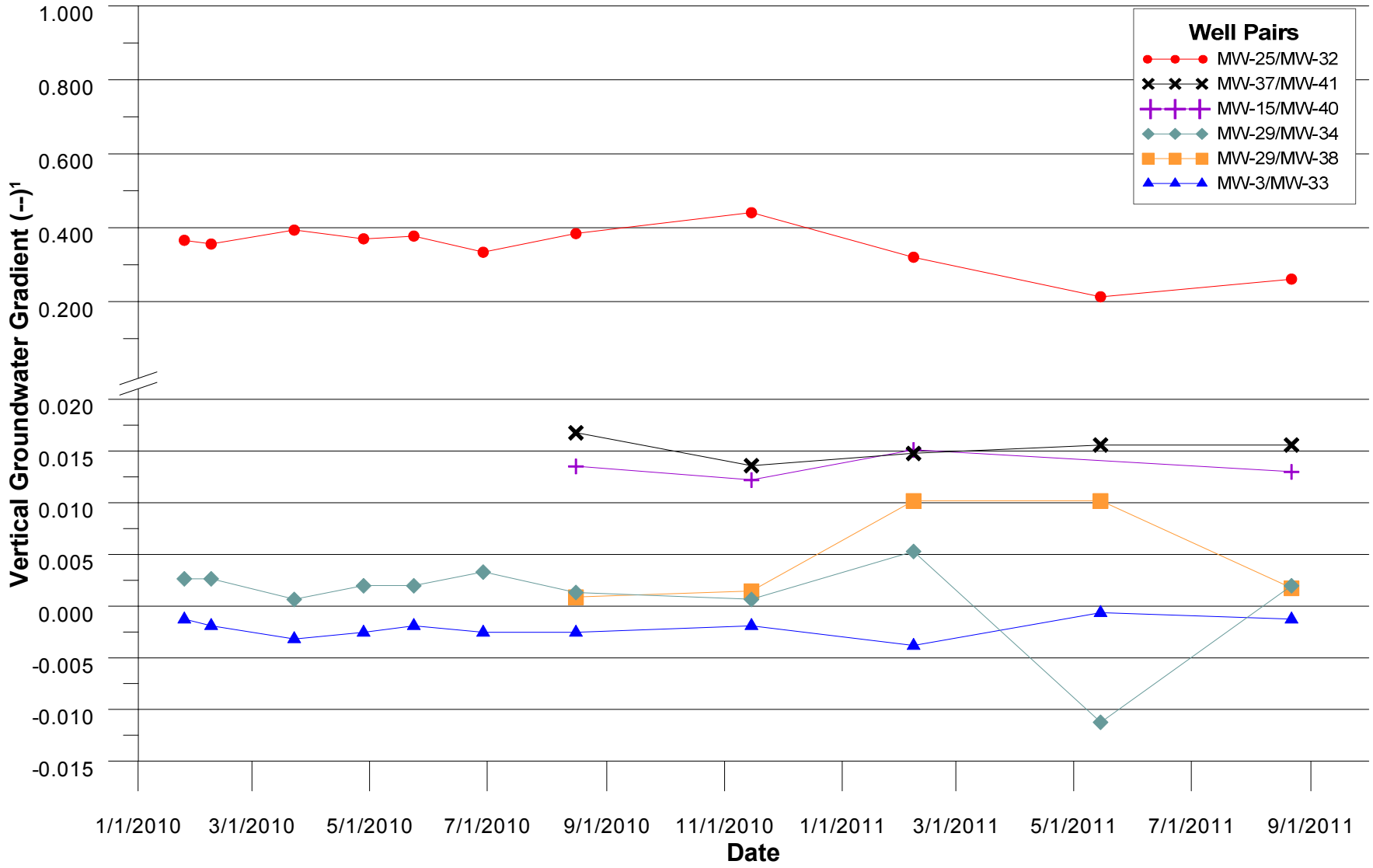
THIRD QUARTER 2011 (AUGUST 22, 2011) GROUNDWATER ELEVATION CONTOUR MAP
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
Date: 10/9/11	Figure C.34

Appendix D

Groundwater Gradient Trends

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Vertical Gradient Summary Tables\Vertical Gradient Trendplots.grf



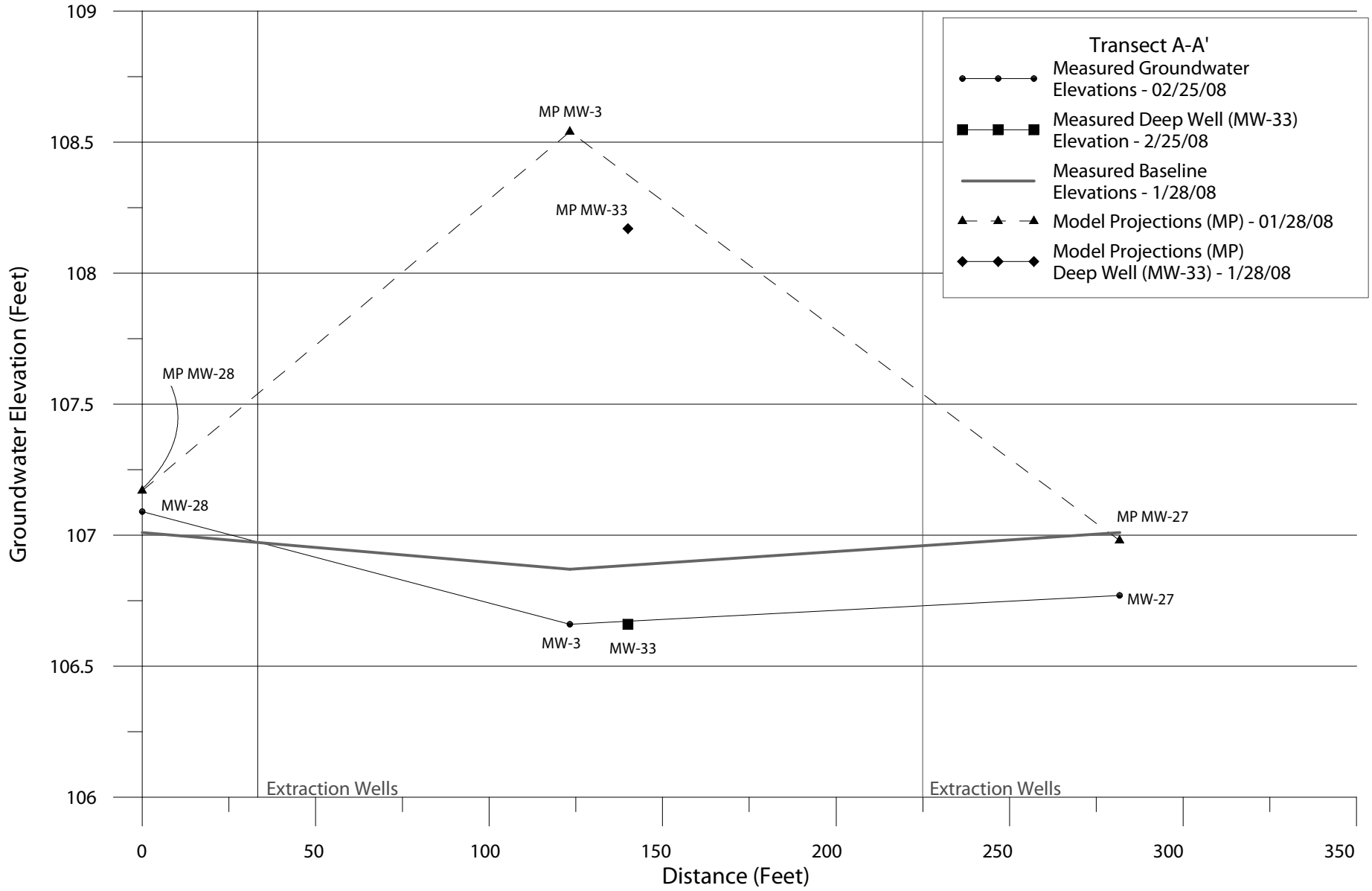
Notes: 1. -- = dimensionless
2. Vertical datum is N.A.V.D 88.
3. Gradients are calculated as shallow well groundwater elevation minus deep well groundwater elevation divided by the distance between screen midpoints. Positive values indicate a downward flow direction, while negative values indicate an upward flow direction.

amec	VERTICAL GROUNDWATER GRADIENT TRENDS Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 10/3/11	Project No. 12706 Figure No. D.1

Appendix E

Groundwater Cross Section Plots

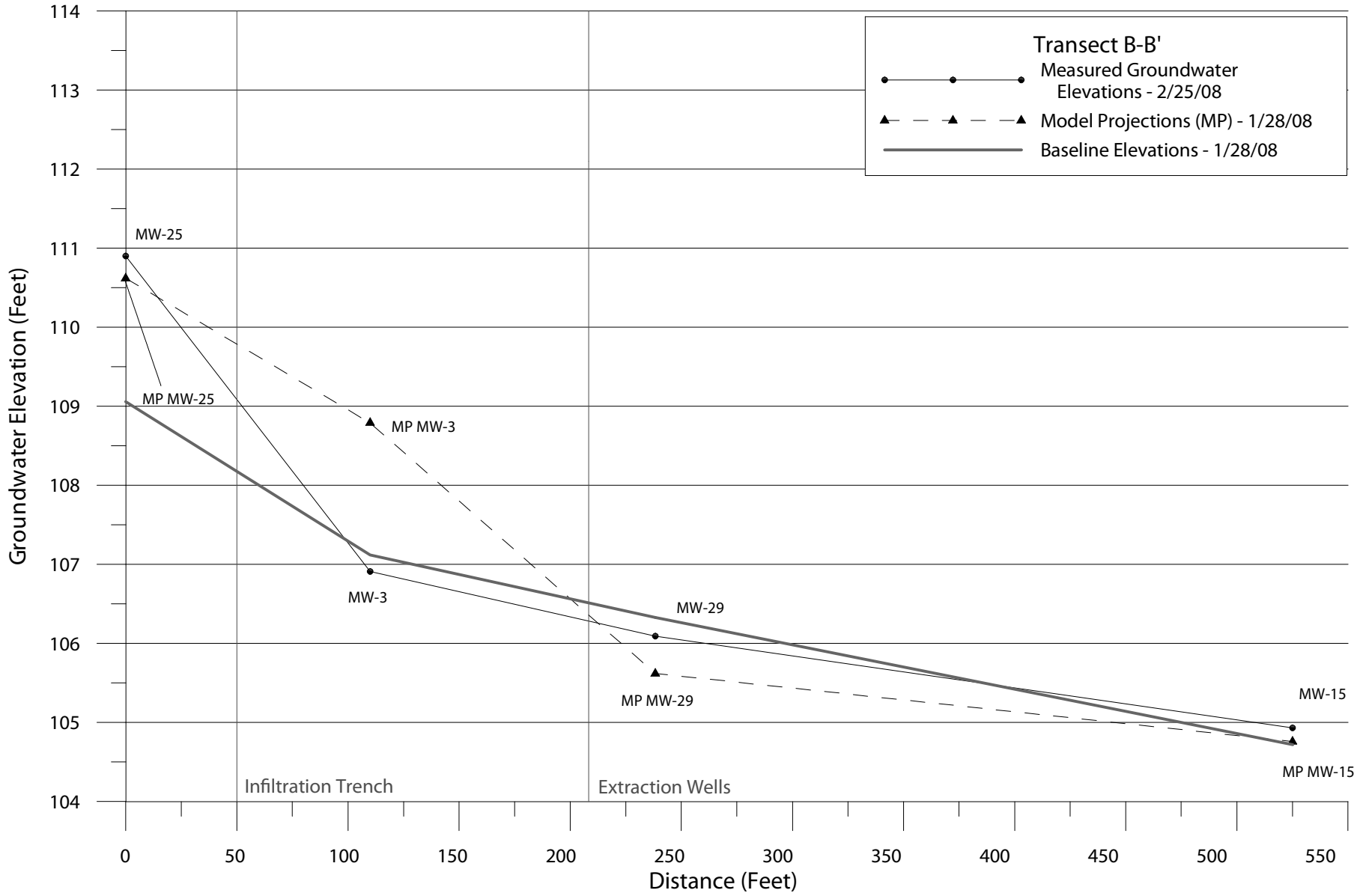
S:\12706\009_O&M Summary\Images\Figure 9 - Groundwa ter Elevation Cross-Section A-A' 2-25-08.pdf



Note: Vertical datum is NGVD29.

Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 04/22/08	Project No. 12706 Figure No. E.1

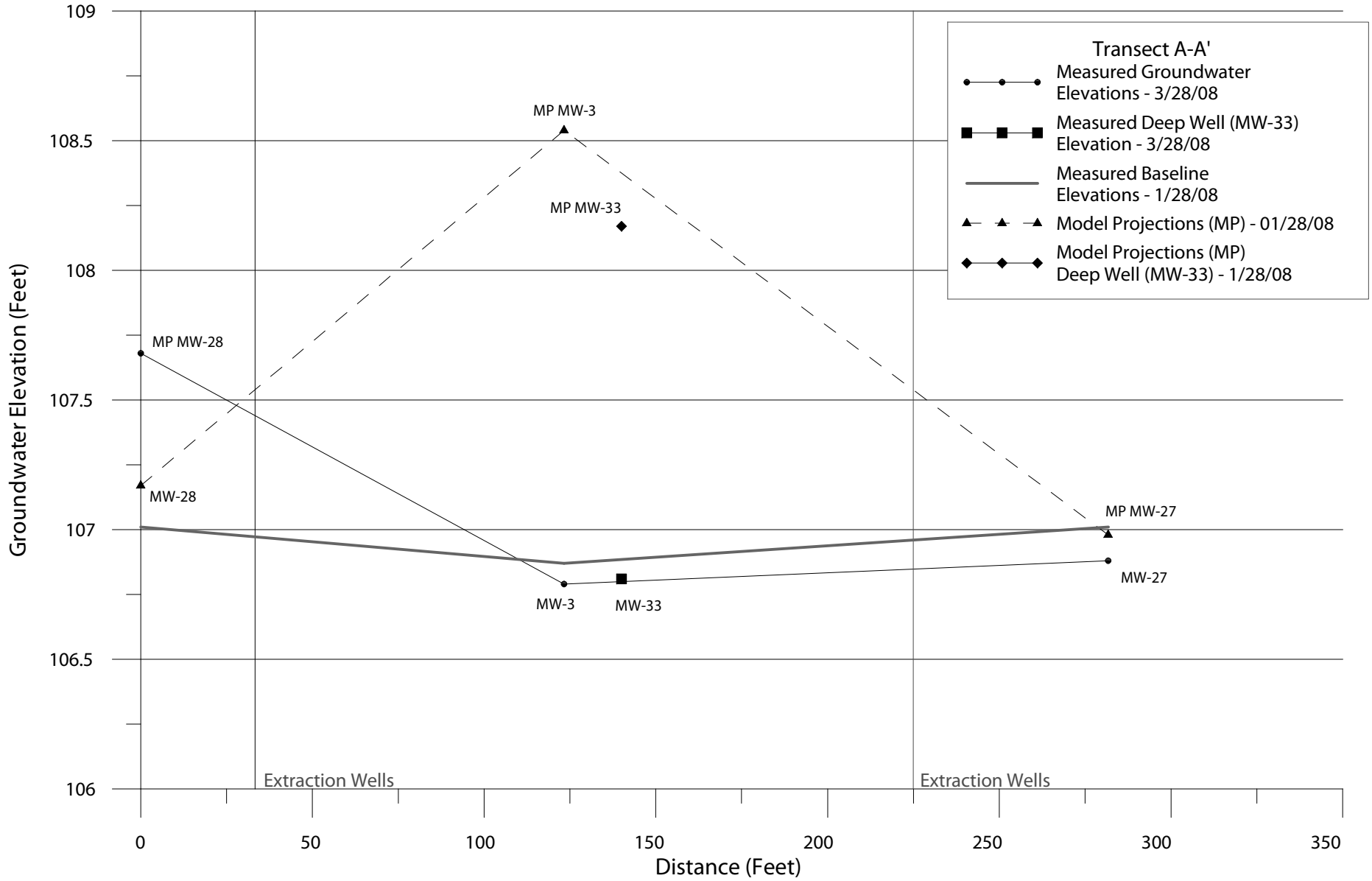
S:\12706\009_O&M Summary\Images\Figure 10 - Groundw ater Elevation Cross-Section B-B' 2-25-08.pdf



Note: Vertical datum is NGVD29.

Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 04/22/08	Project No. 12706 Figure No. E.2

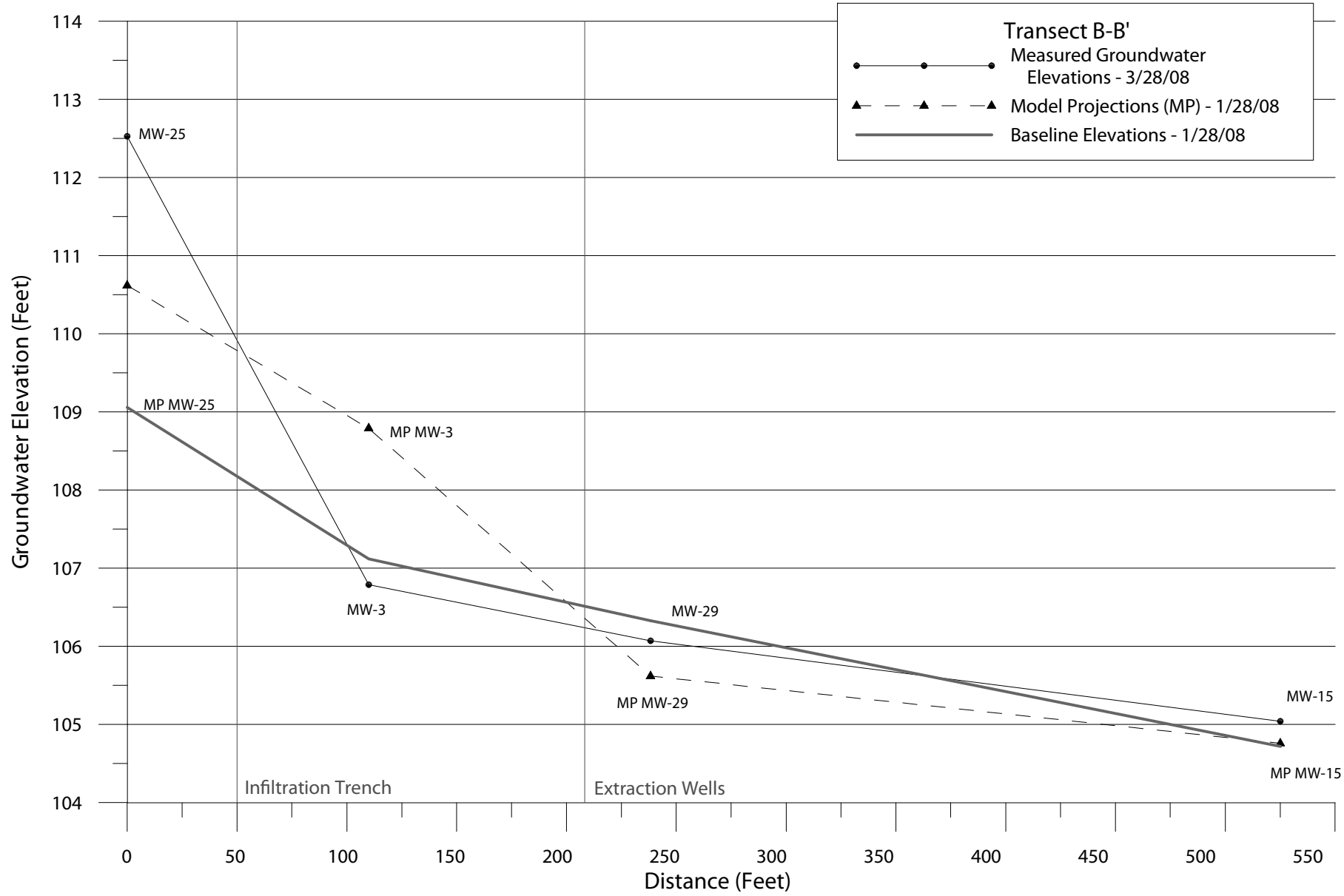
S:\12706\009_O&M Summary\Images\Figure 11 - Groundw ater Elevation Cross-Section A-A' 3-28-08.pdf



Note: Vertical datum is NGVD29.

Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		04/22/08	Figure No. E.3

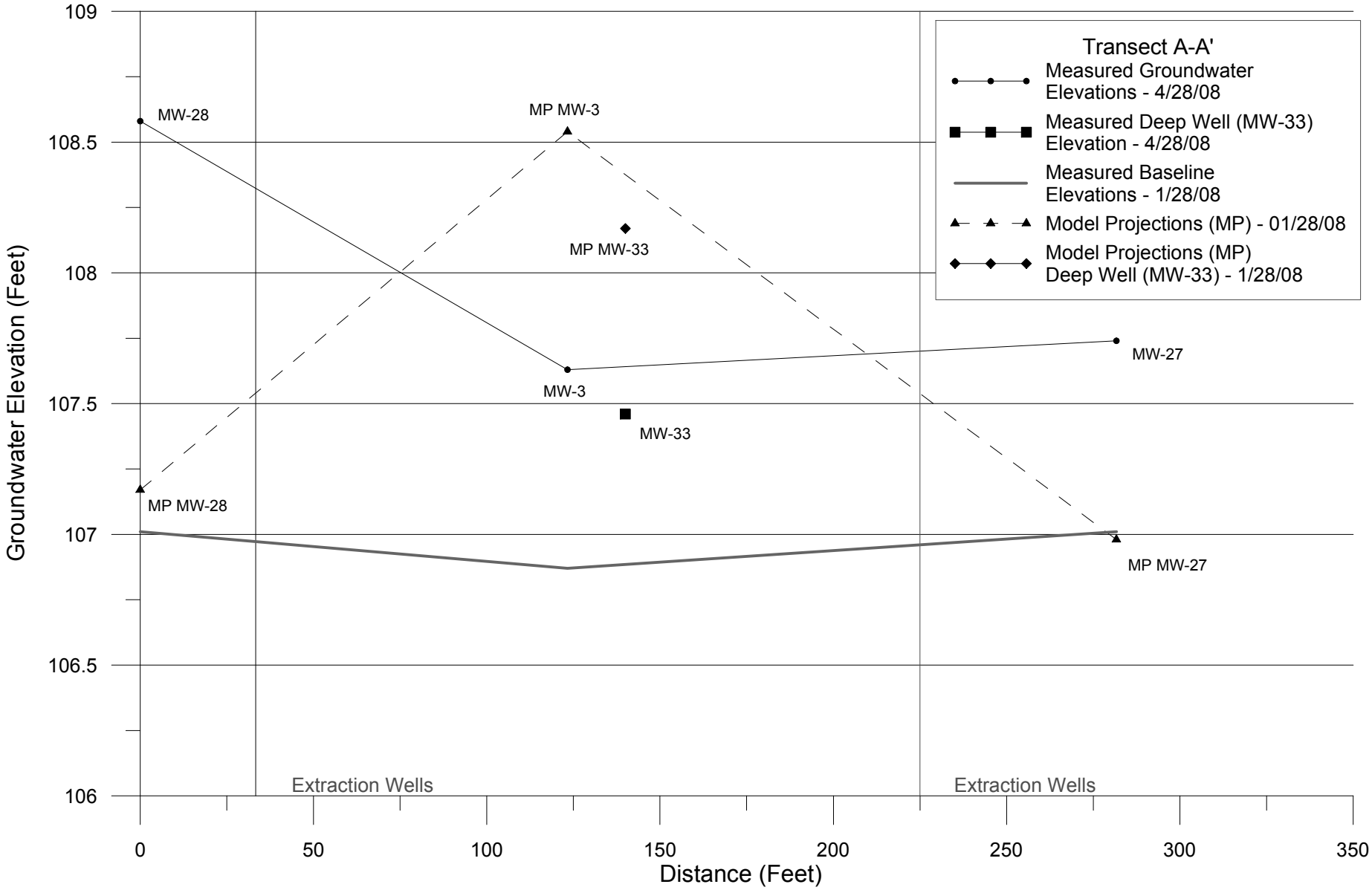
S:\12706\009_O&M Summary\Images\Figure 12 - Groundw ater Elevation Cross-Section B-B' 3-28-08.pdf



Note: Vertical datum is NGVD29.

Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		04/22/08	Figure No. E.4

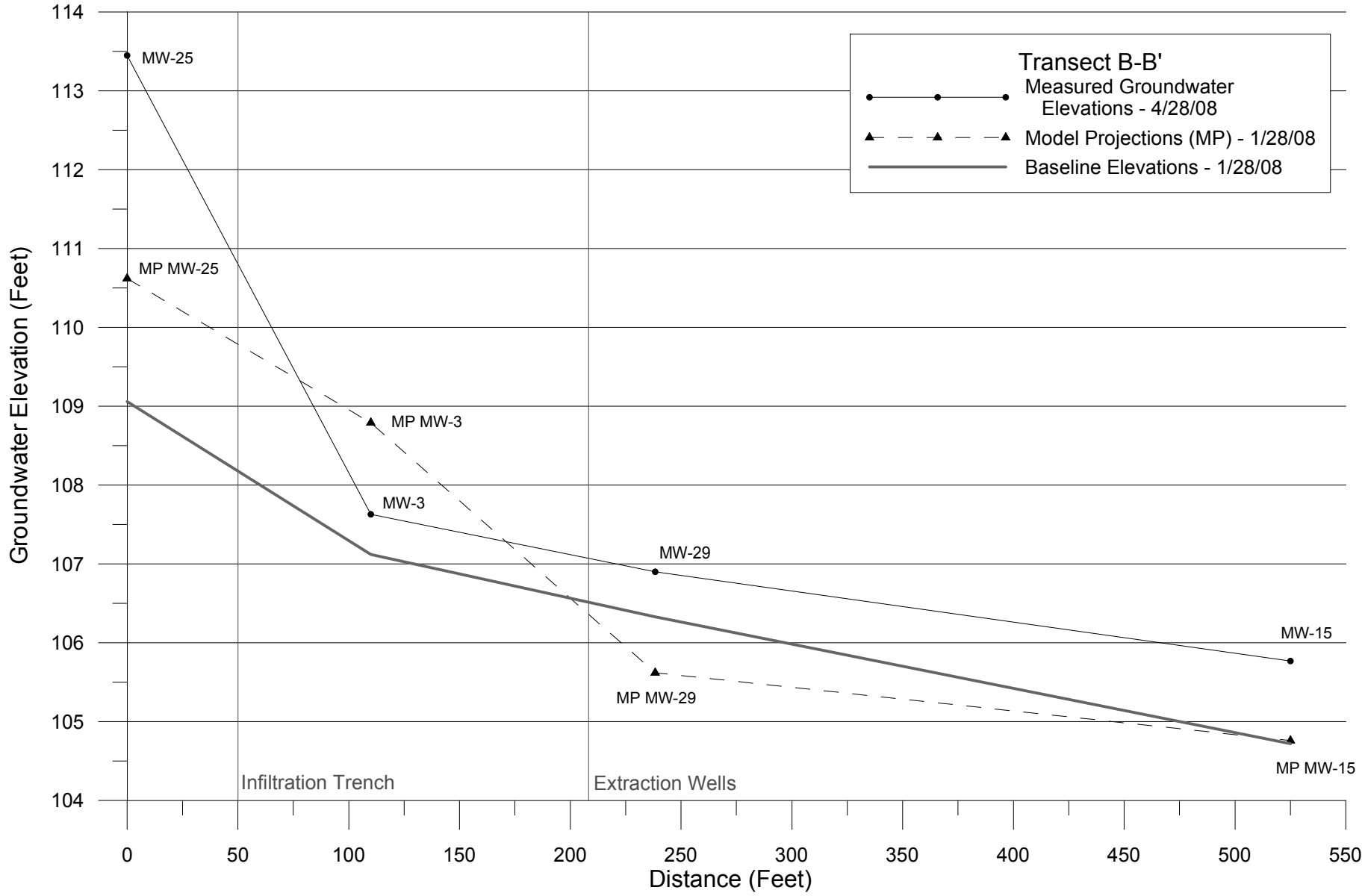
S:\12706\010_O&M Memo 4_1_08 to 5_30_08\Figure 7 GW Elev CS A-A 4_28_08.grf



Note: Vertical datum is NGVD29.

AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/01/08	Figure No. E.5

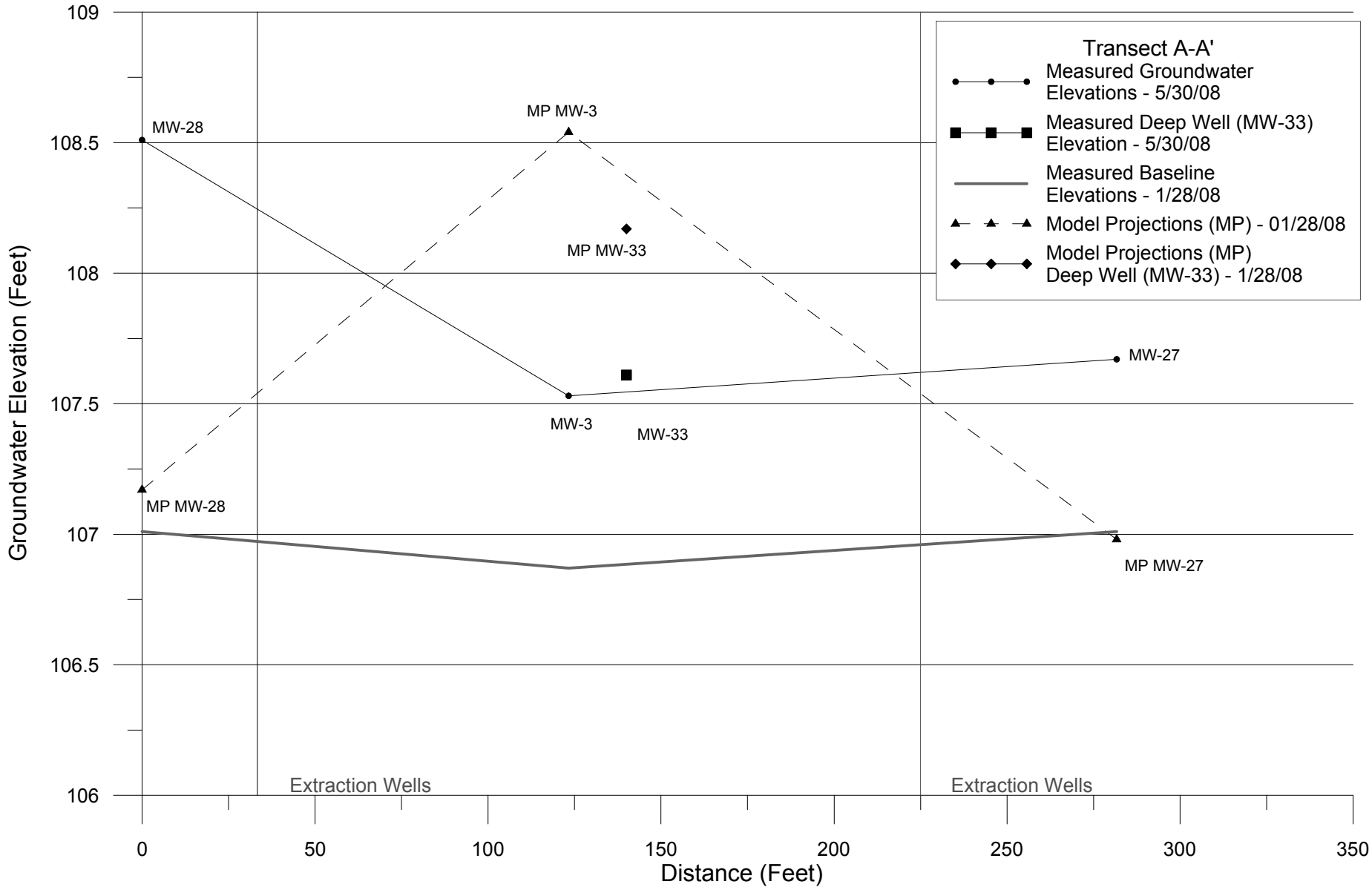
S:\12706\009_O&M Summary\Images\Figure 10 - Groundwater Elevation Cross-Section B-B 4-28-08.pdf



Note: Vertical datum is NGVD29.

AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 07/01/08	Project No. 12706 Figure No. E.6

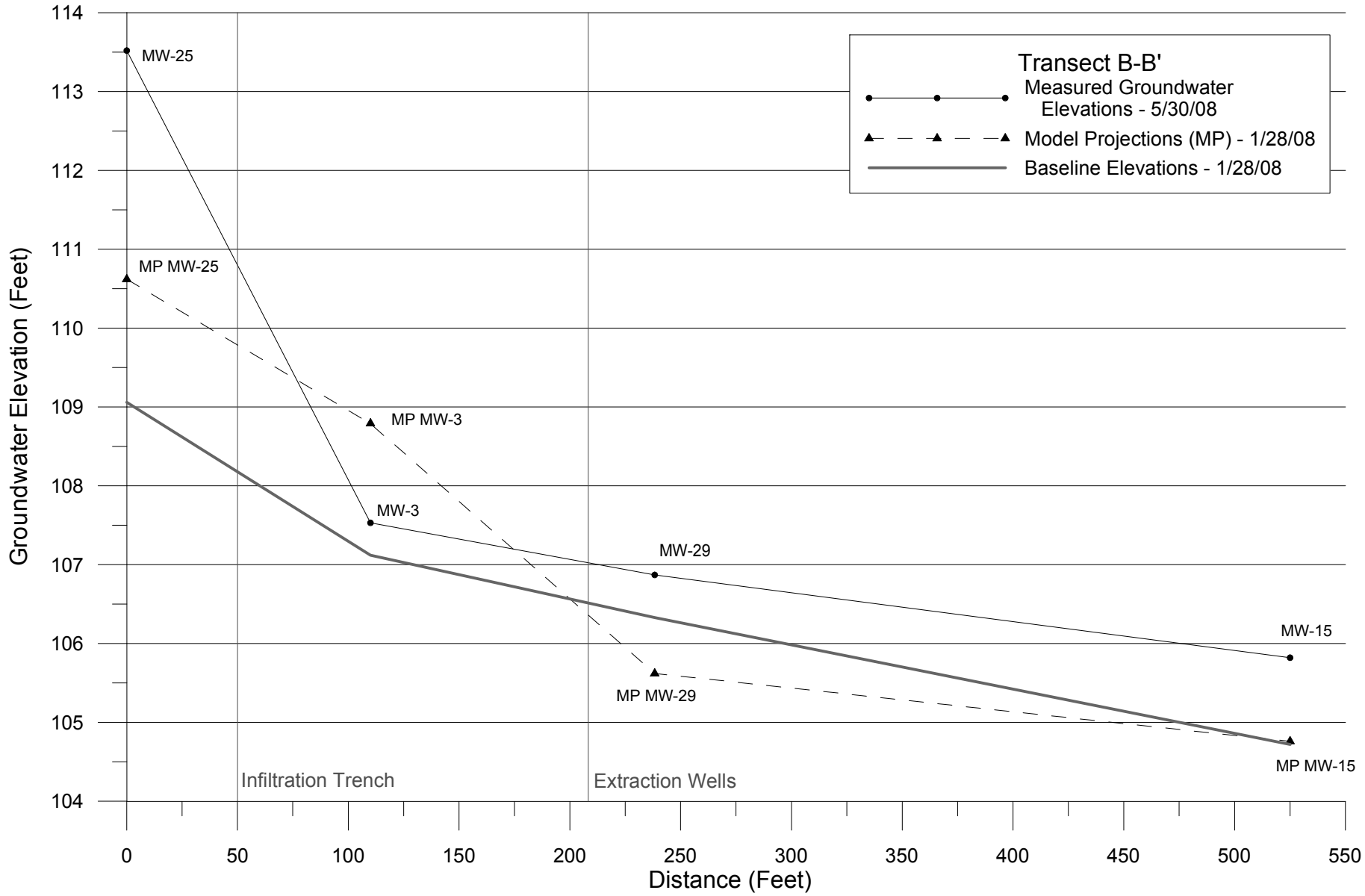
S:\12706\010_O&M Memo 4_1_08 to 5_30_08\Figure 8 GW Elev CS A-A 5_30_08.grf



Note: Vertical datum is NGVD29.

AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/01/08	Figure No. E.7

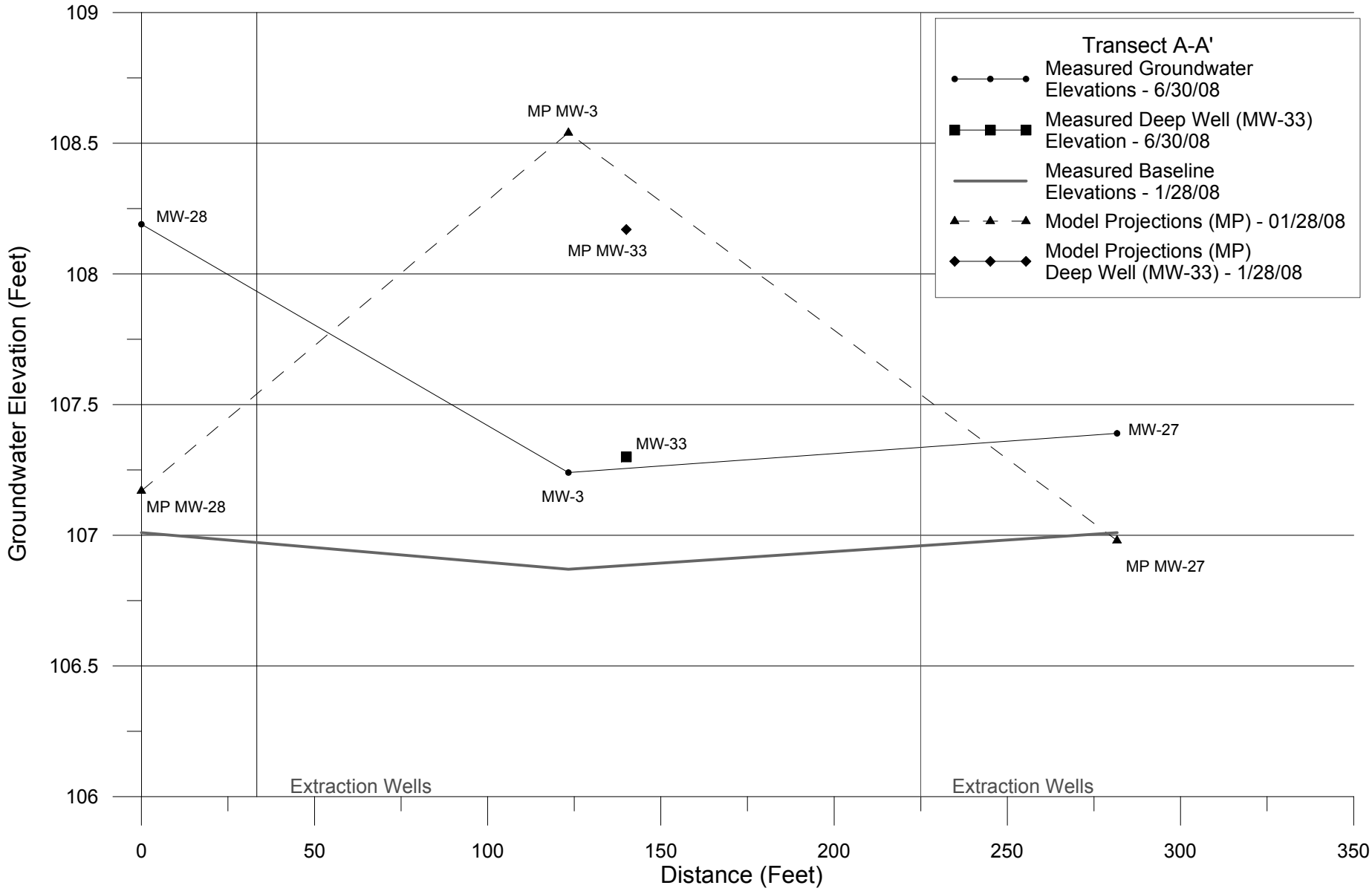
S:\12706\009_O&M Summary\Images\Figure 11 - Groundwater Elevation Cross-Section B-B 5-30-08.pdf



Note: Vertical datum is NGVD29.

AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/01/08	Figure No. E.8

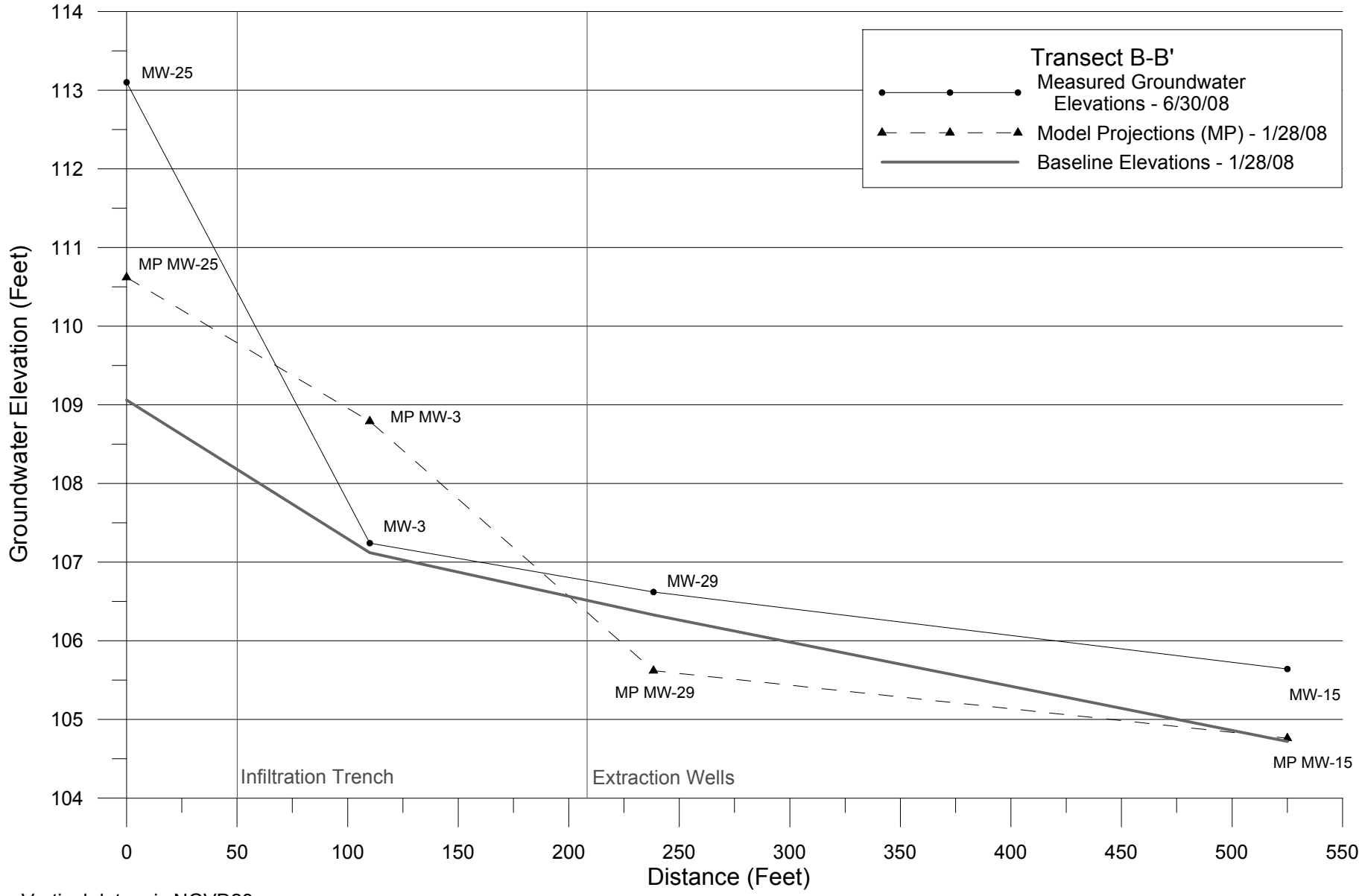
S:\12706\010_O&M Memo 4_1_08 to 5_30_08\Figure 9 GW Elev CS A-A 6_30_08.grf



Note: Vertical datum is NGVD29.

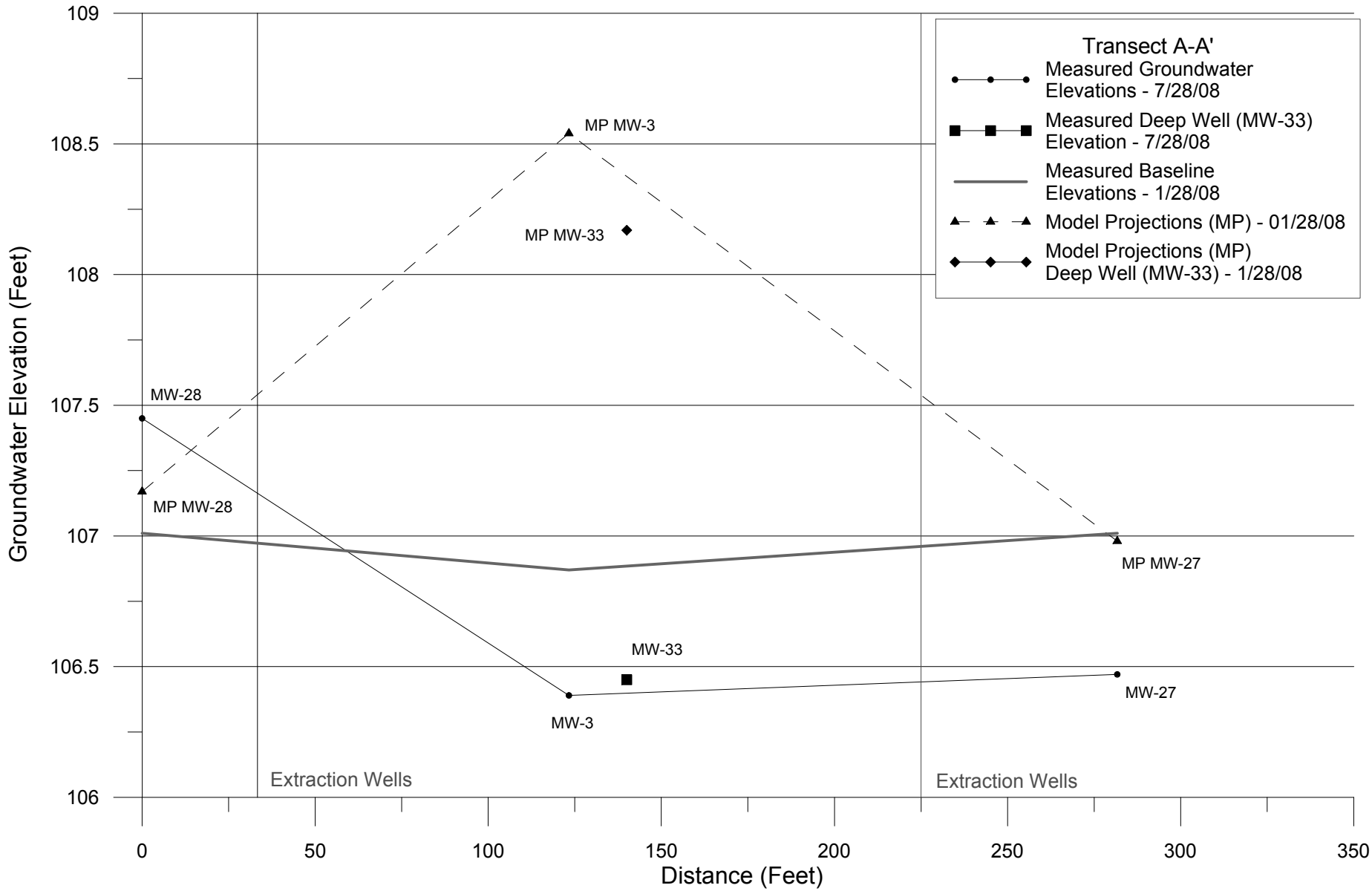
AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/01/08	Figure No. E.9

S:\12706\009_O&M Summary\Images\Figure 12 - Groundwater Elevation Cross-Section B-B 6-30-08.pdf



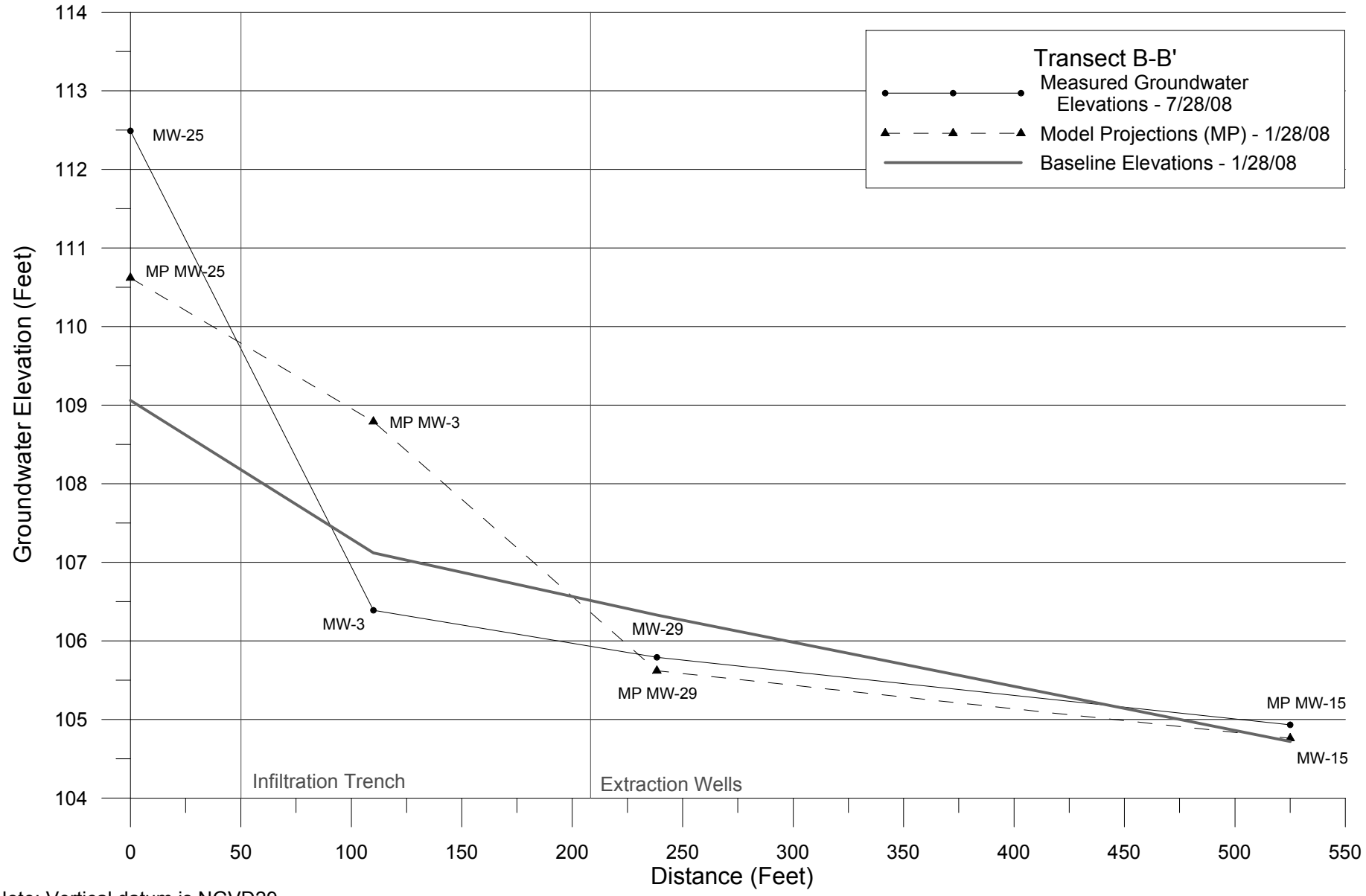
Note: Vertical datum is NGVD29.

AMEC Geomatrix	GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/01/08	Figure No. E.10



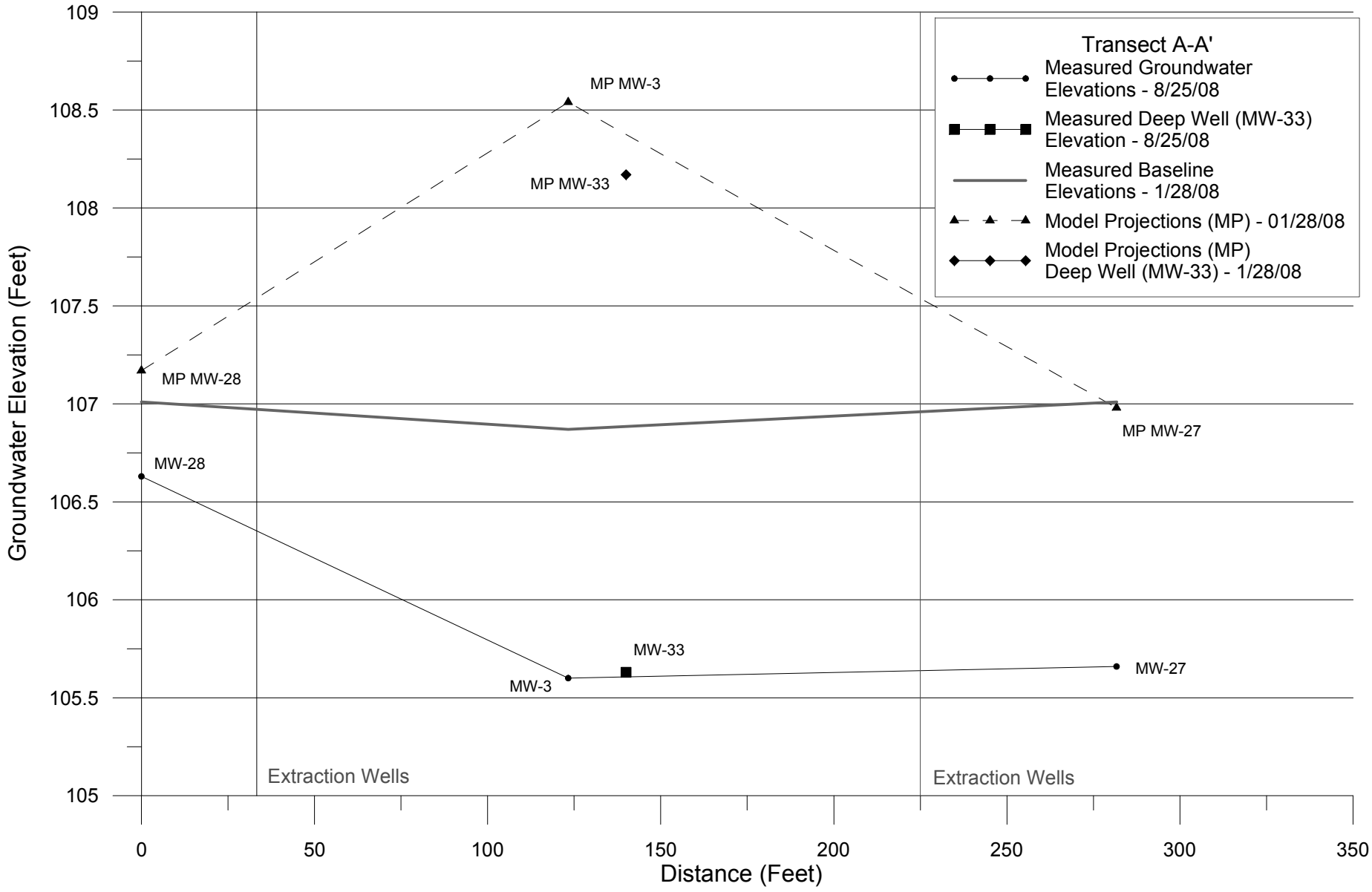
Note: Vertical datum is NGVD29.

AMEC Geomatrix	JULY 2008 GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		8/13/08	Figure No. E.11



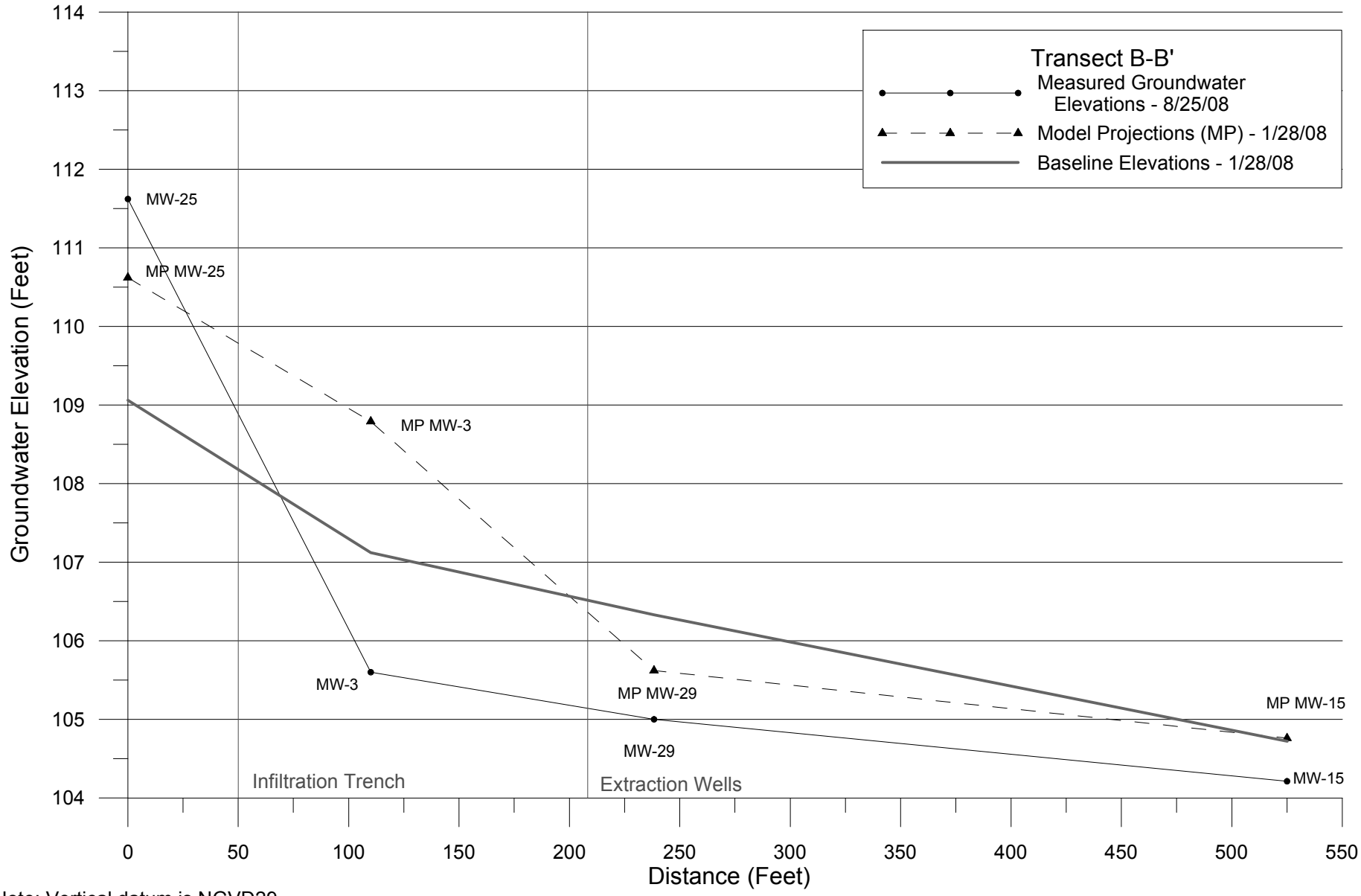
Note: Vertical datum is NGVD29.

AMEC Geomatrix	JULY 2008 GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		8/13/08	Figure No. E.12



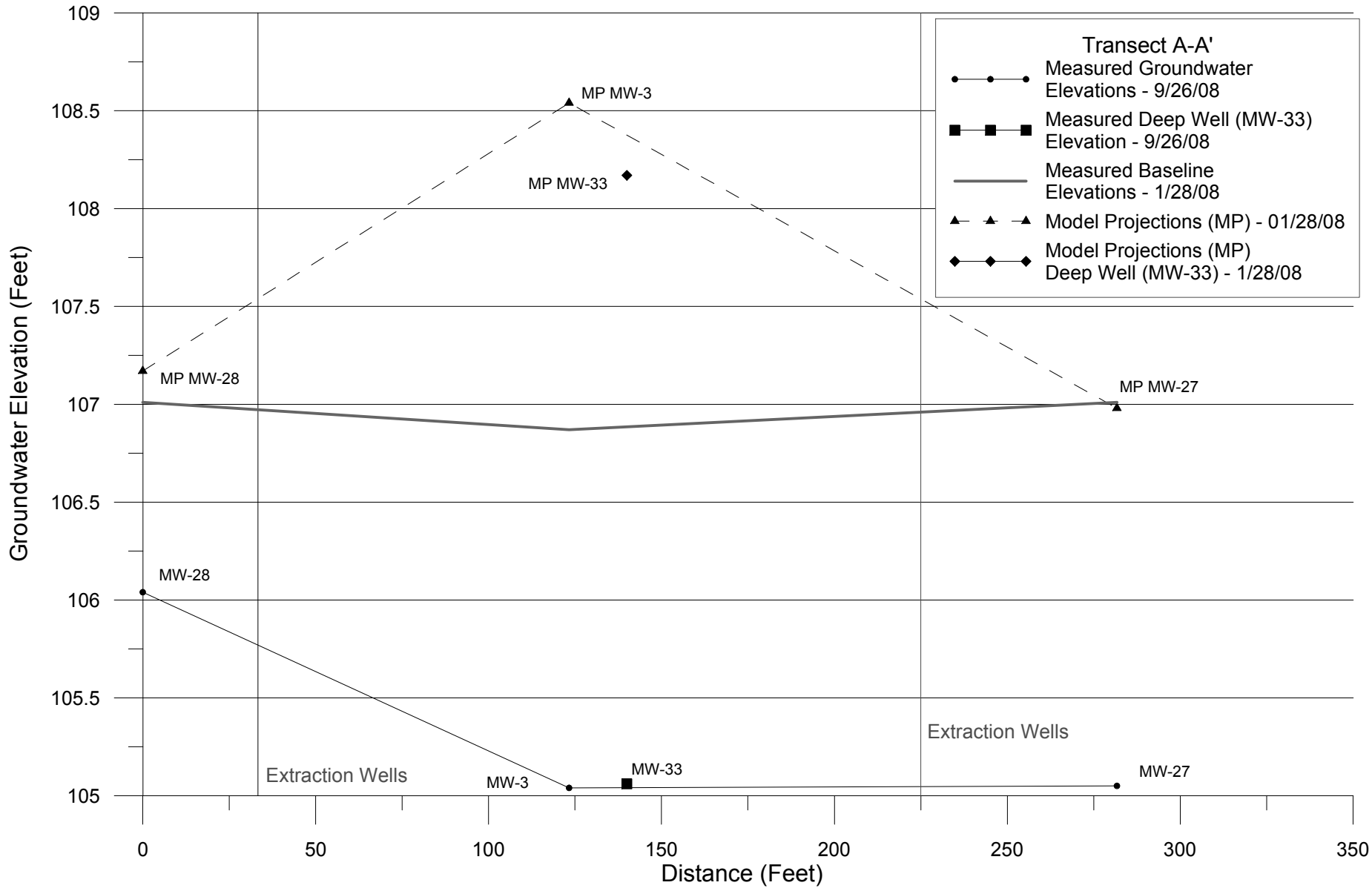
Note: Vertical datum is NGVD29.

AMEC Geomatrix	AUGUST 2008 GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		8/26/08	Figure No. E.13



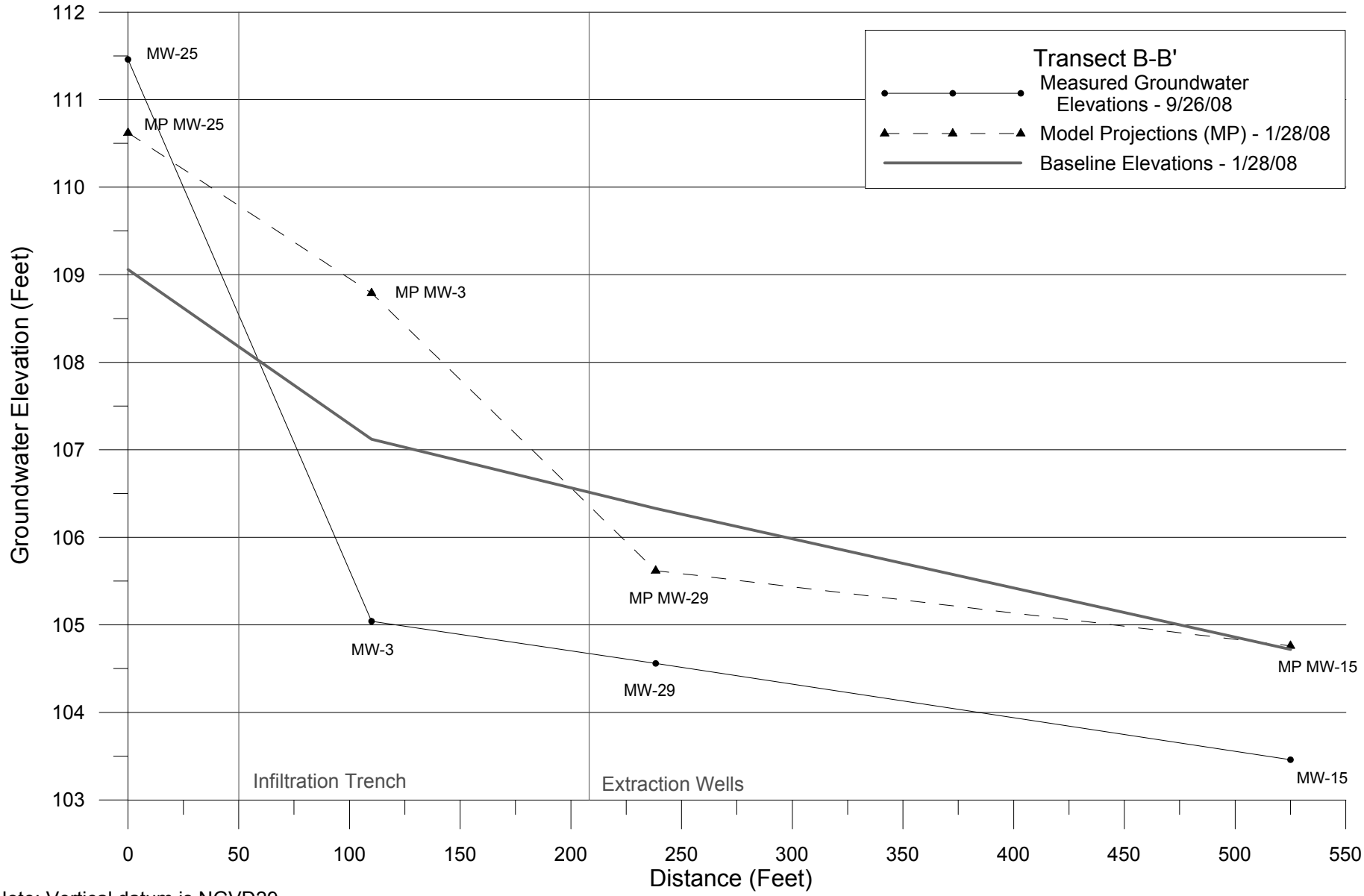
Note: Vertical datum is NGVD29.

AMEC Geomatrix	AUGUST 2008 GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 8/26/08	Project No. 12706 Figure No. E.14



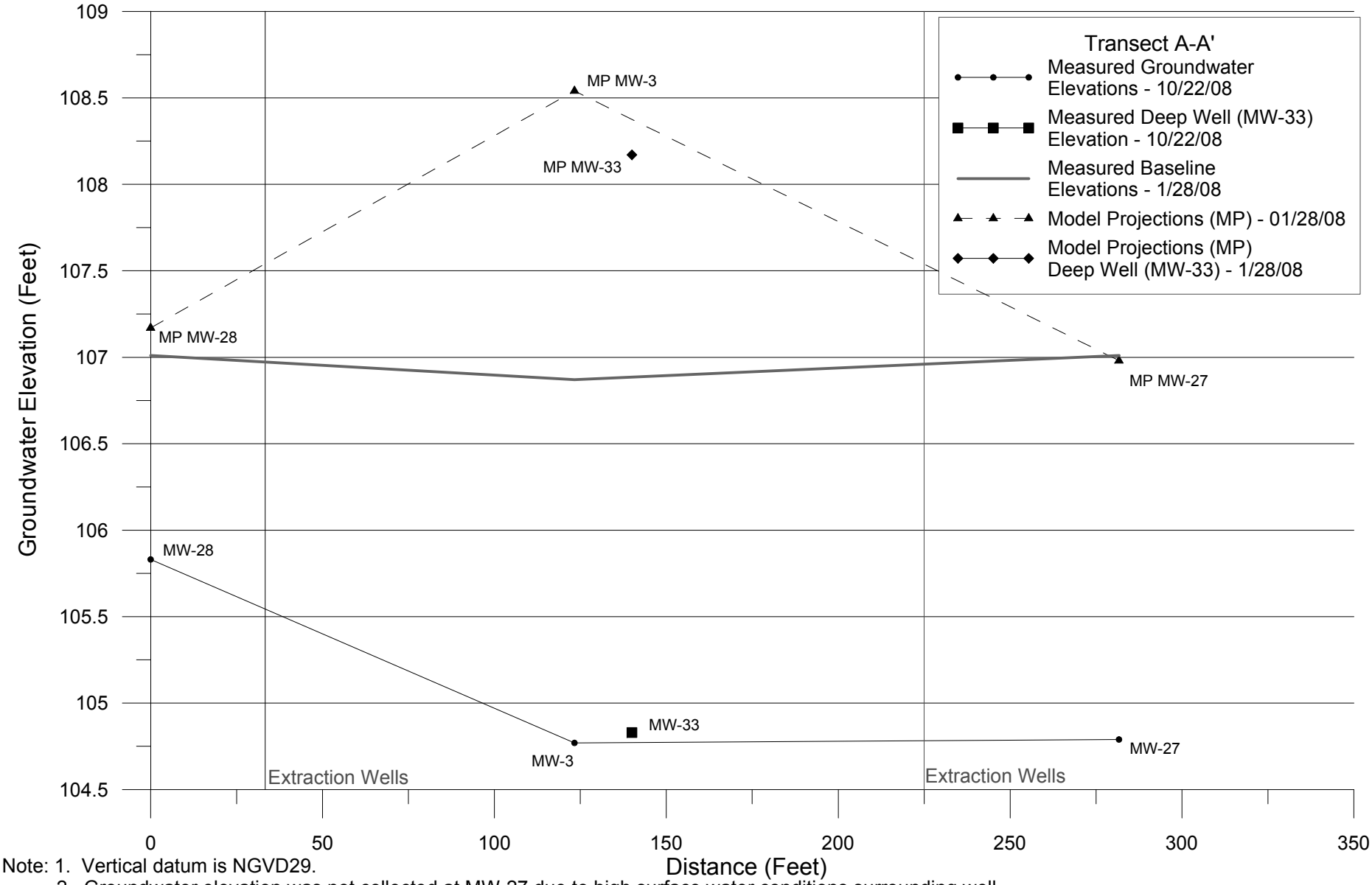
Note: Vertical datum is NGVD29.

AMEC Geomatrix	SEPTEMBER 2008 GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		10/01/08	Figure No. E.15



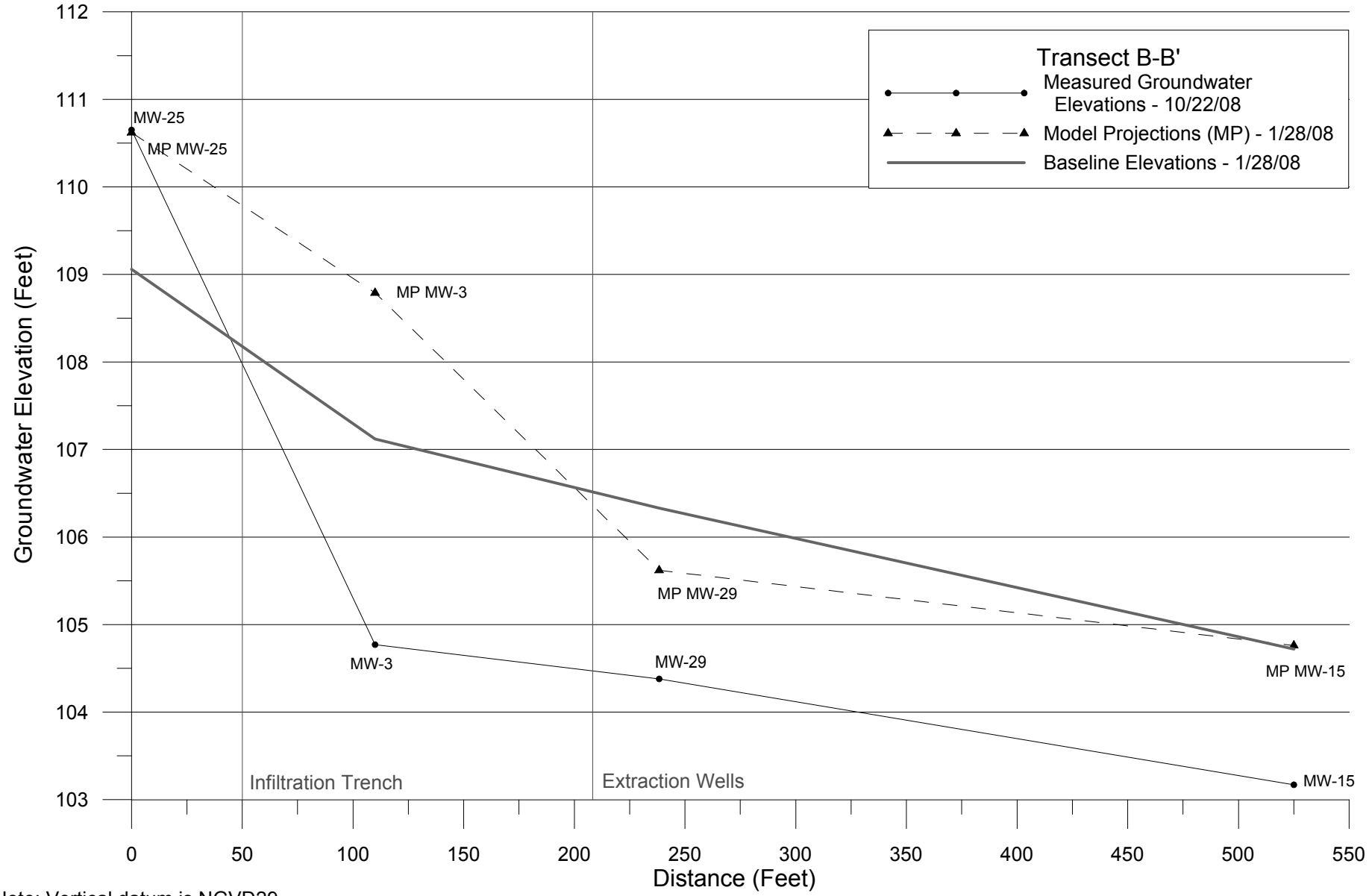
Note: Vertical datum is NGVD29.

AMEC Geomatrix	SEPTEMBER 2008 GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 10/01/08	Project No. 12706 Figure No. E.16



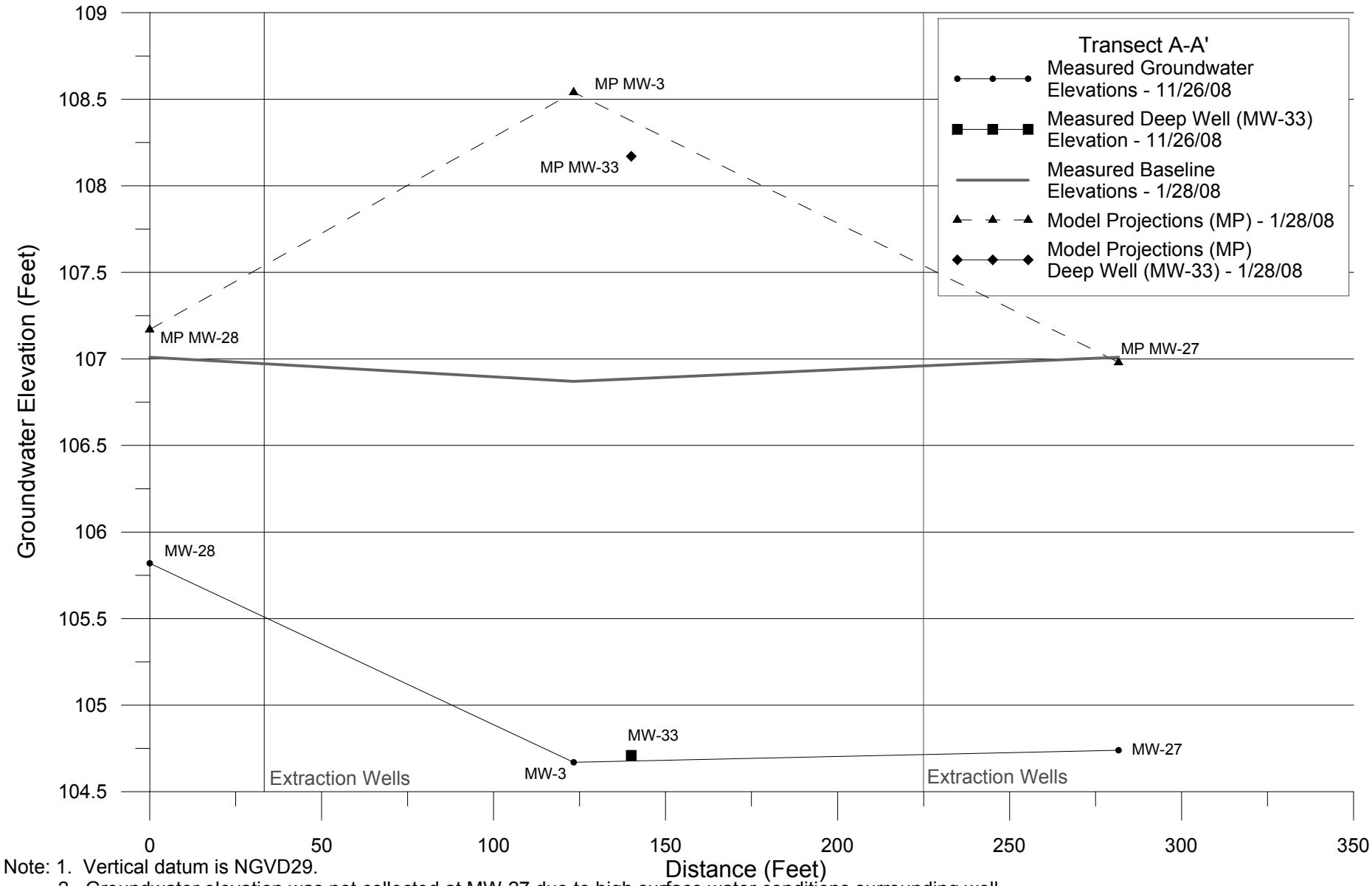
Note: 1. Vertical datum is NGVD29.
2. Groundwater elevation was not collected at MW-27 due to high surface water conditions surrounding well.

AMEC Geomatrix	OCTOBER 22, 2008, GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		10/27/08	Figure No. E.17



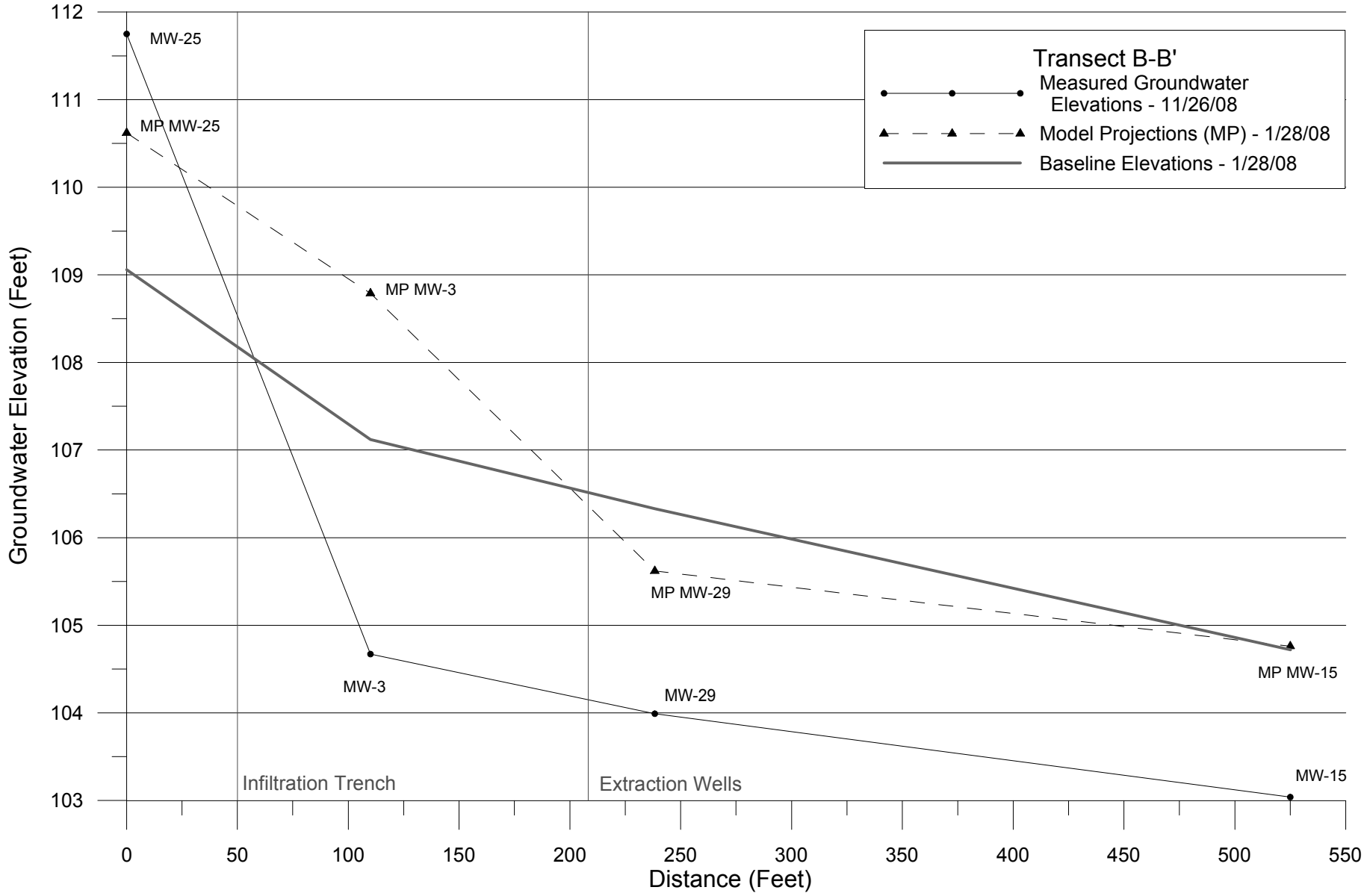
Note: Vertical datum is NGVD29.

AMEC Geomatrix	OCTOBER 22, 2008, GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		10/27/08	Figure No. E.18



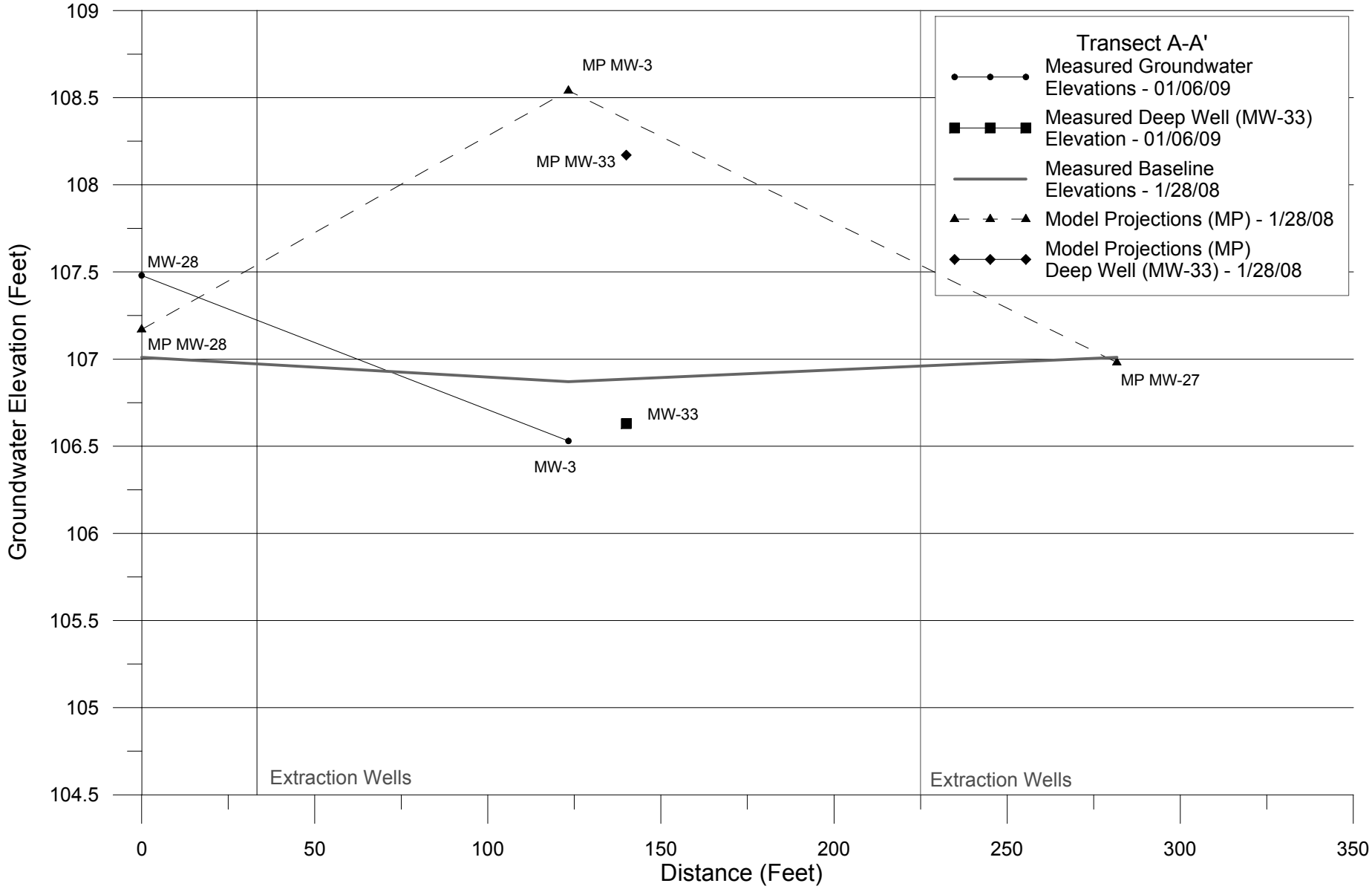
Note: 1. Vertical datum is NGVD29.
2. Groundwater elevation was not collected at MW-27 due to high surface water conditions surrounding well.

AMEC Geomatrix	NOVEMBER 26, 2008, GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		12/01/08	Figure No. E.19



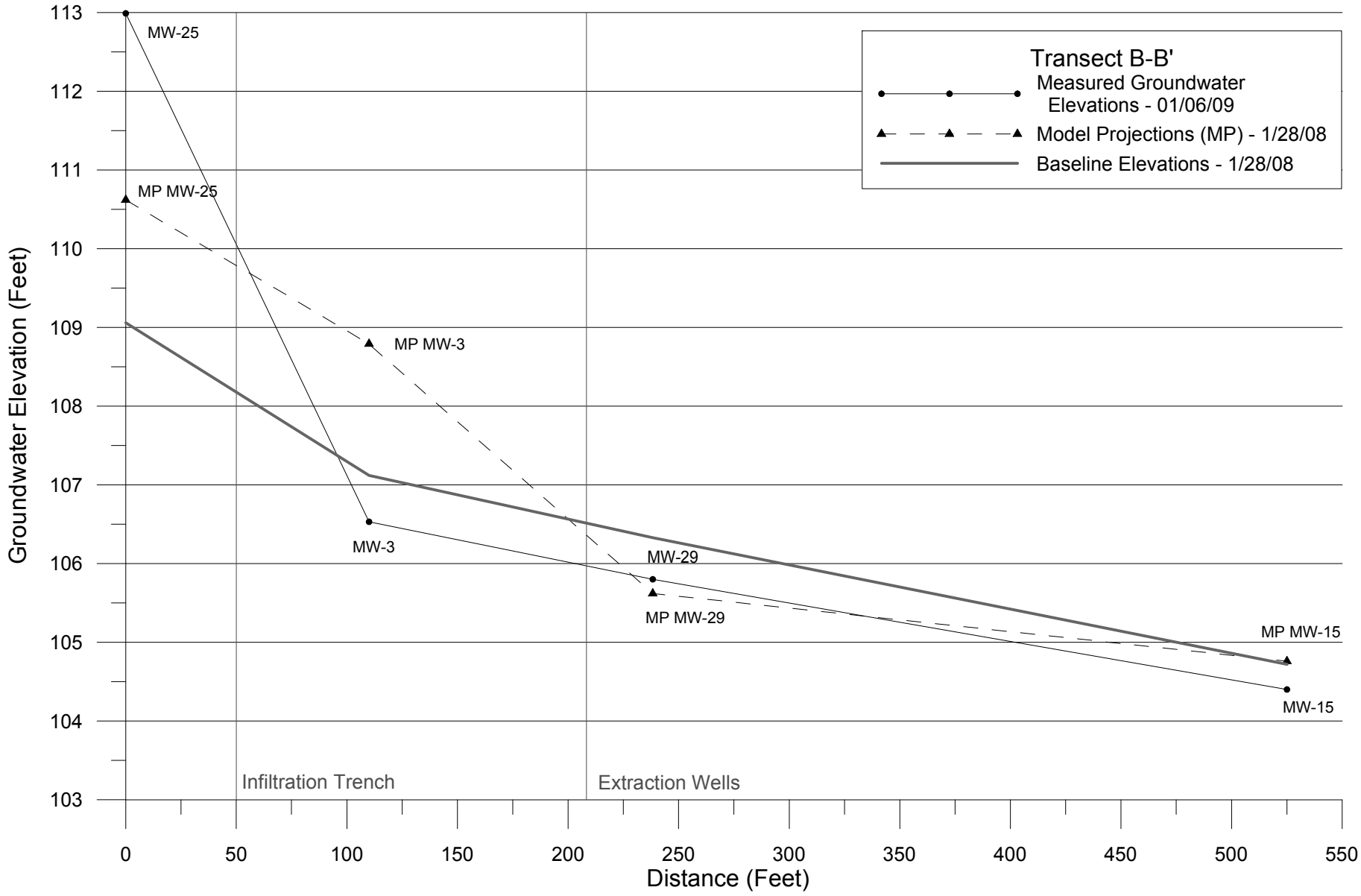
Note: Vertical datum is NGVD29.

AMEC Geomatrix	NOVEMBER 26, 2008, GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		12/01/08	Figure No. E.20



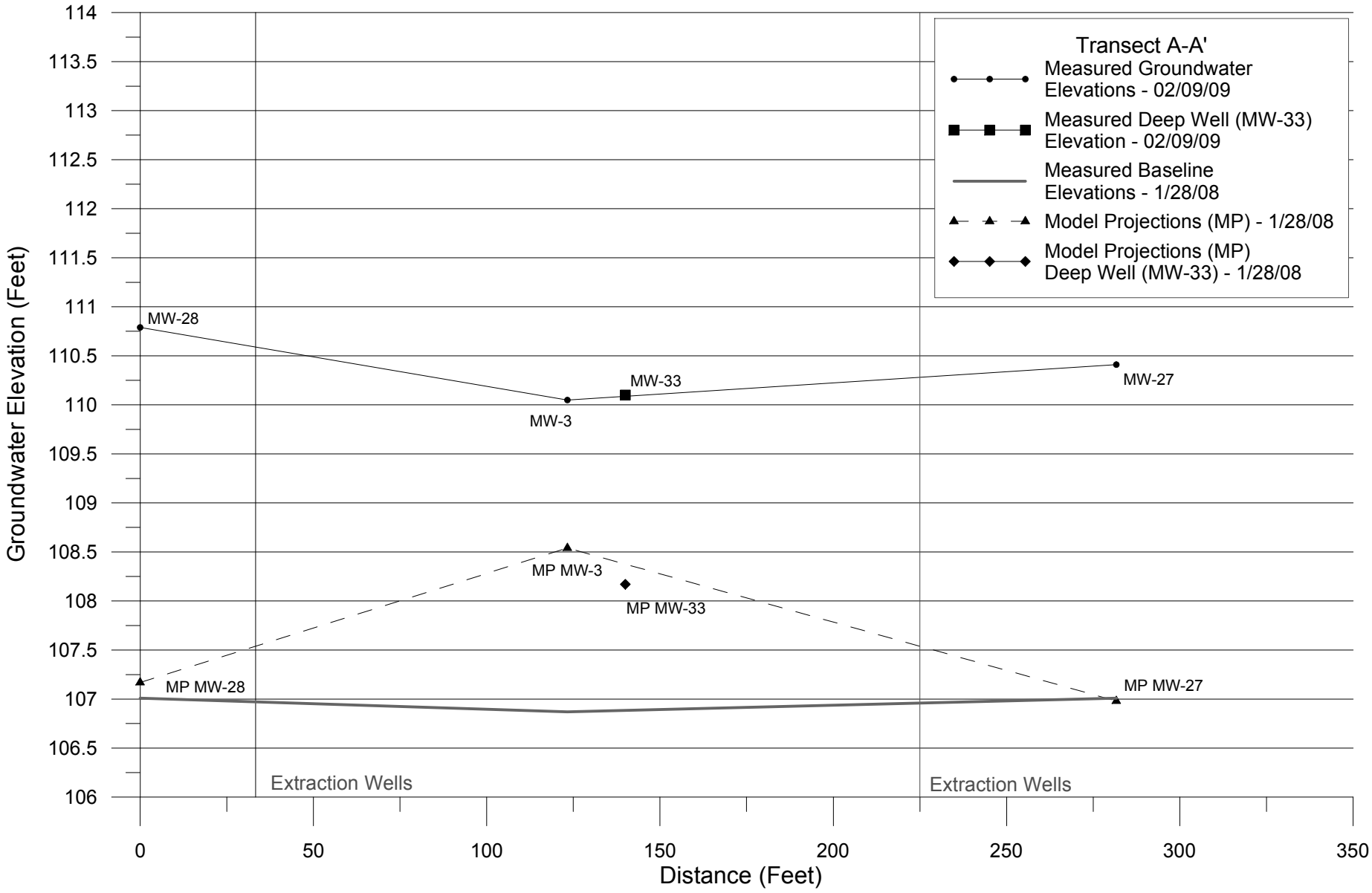
Note: 1. Vertical datum is NGVD29.
2. Groundwater elevation was not collected at MW-27 due to high surface water conditions surrounding well.

AMEC Geomatrix	JANUARY 6, 2009 (DECEMBER MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		1/26/09	Figure No. E.21



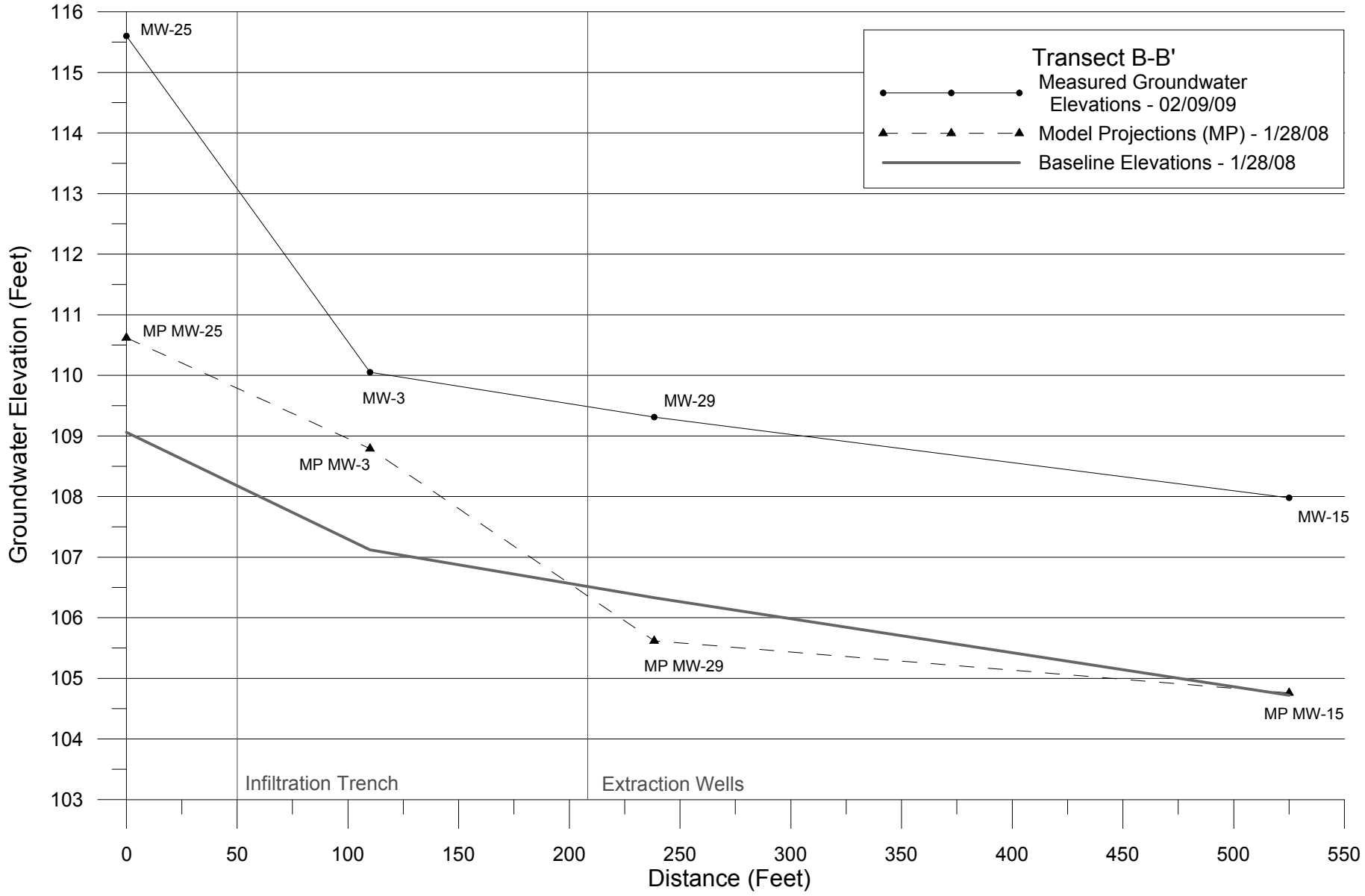
Note: Vertical datum is NGVD29.

AMEC Geomatrix	JANUARY 7, 2009 (DECEMBER MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		01/26/09	Figure No. E.22



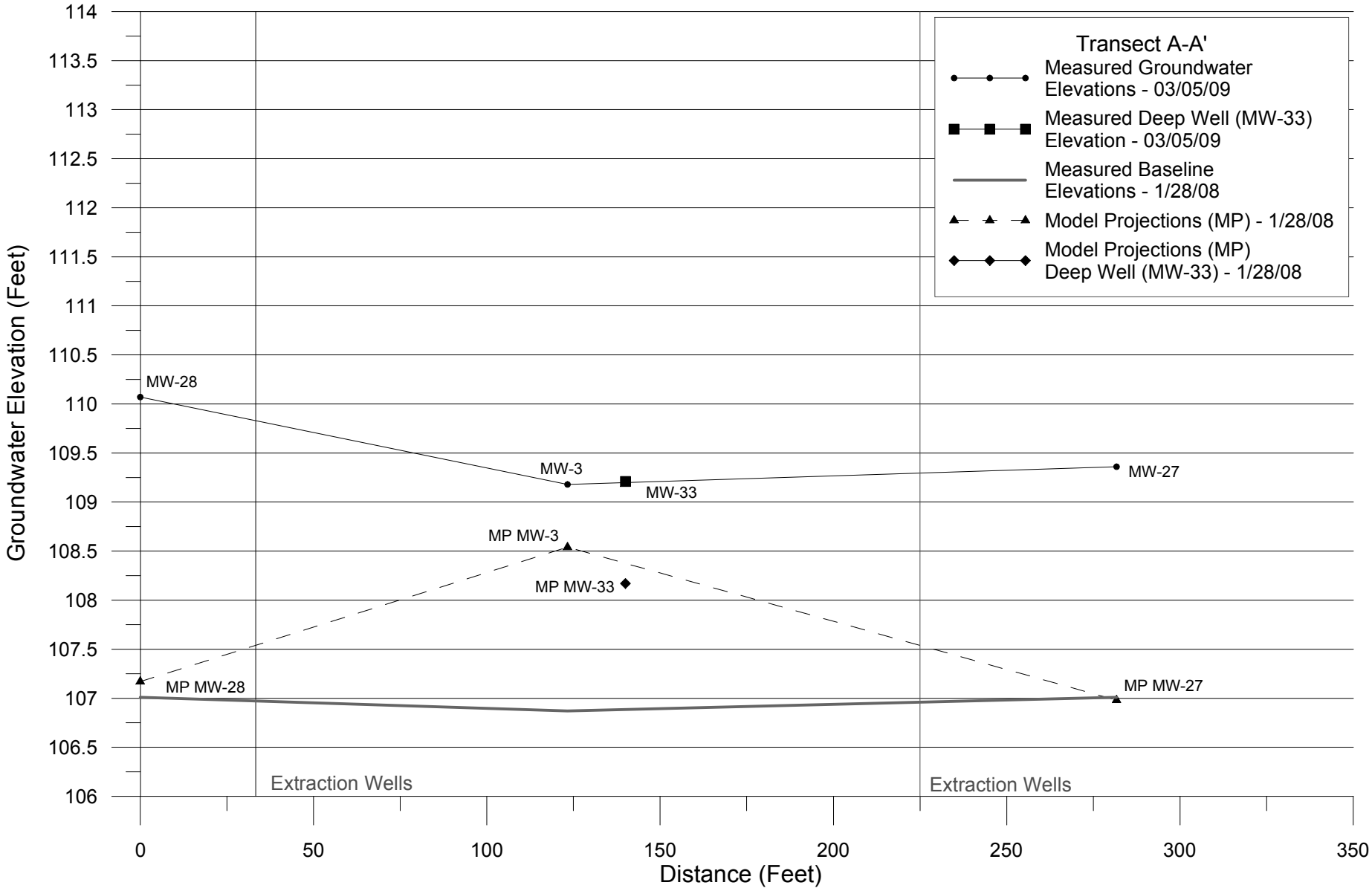
Note: 1. Vertical datum is N.A.V.D 88.

AMEC Geomatrix	FEBRUARY 9, 2009 (JANUARY MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		2/19/09	Figure No. E.23



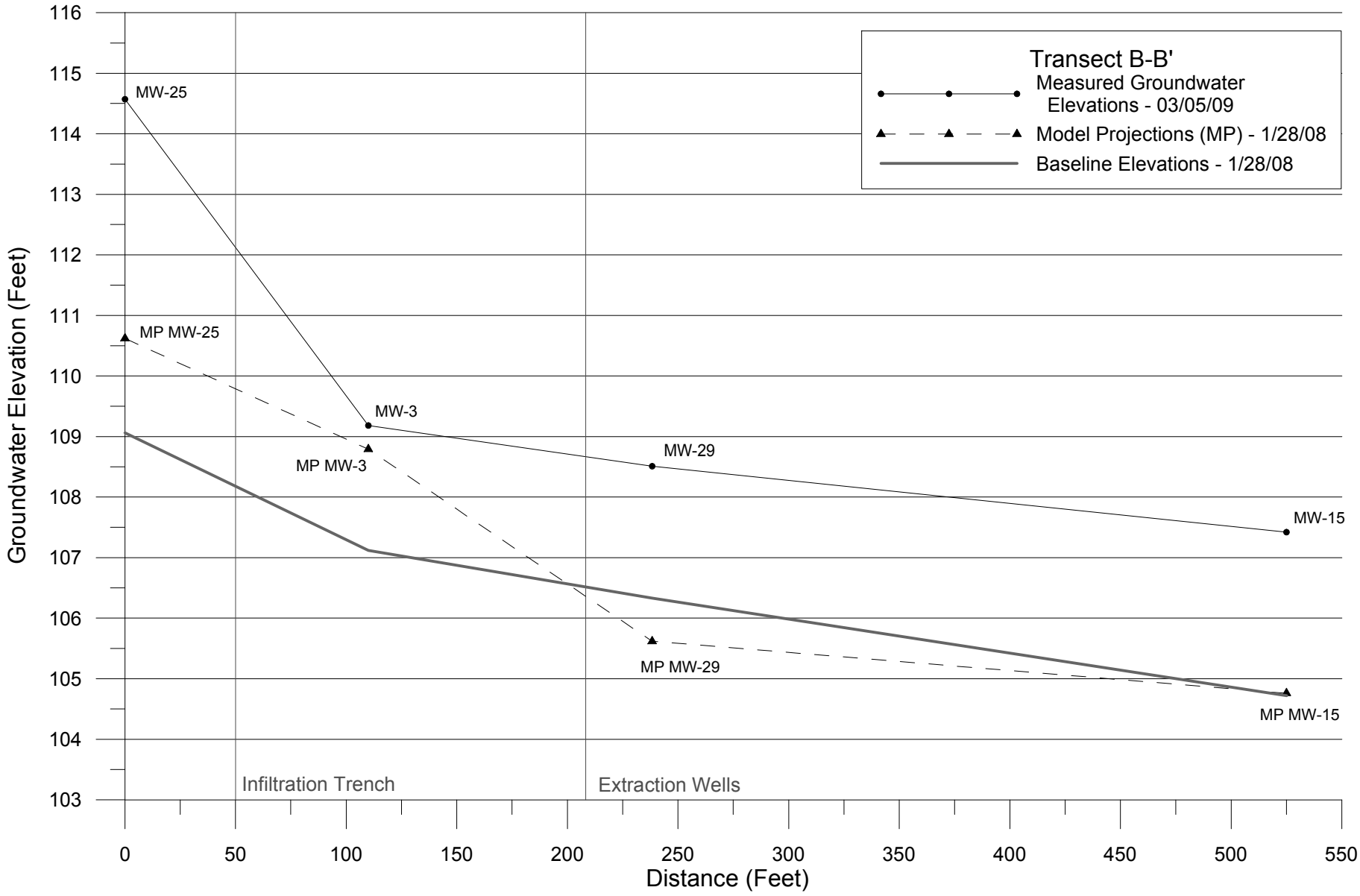
Note: 1. Vertical datum is N.A.V.D. 88.

AMEC Geomatrix	FEBRUARY 9, 2009 (JANUARY MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		02/19/09	Figure No. E.24



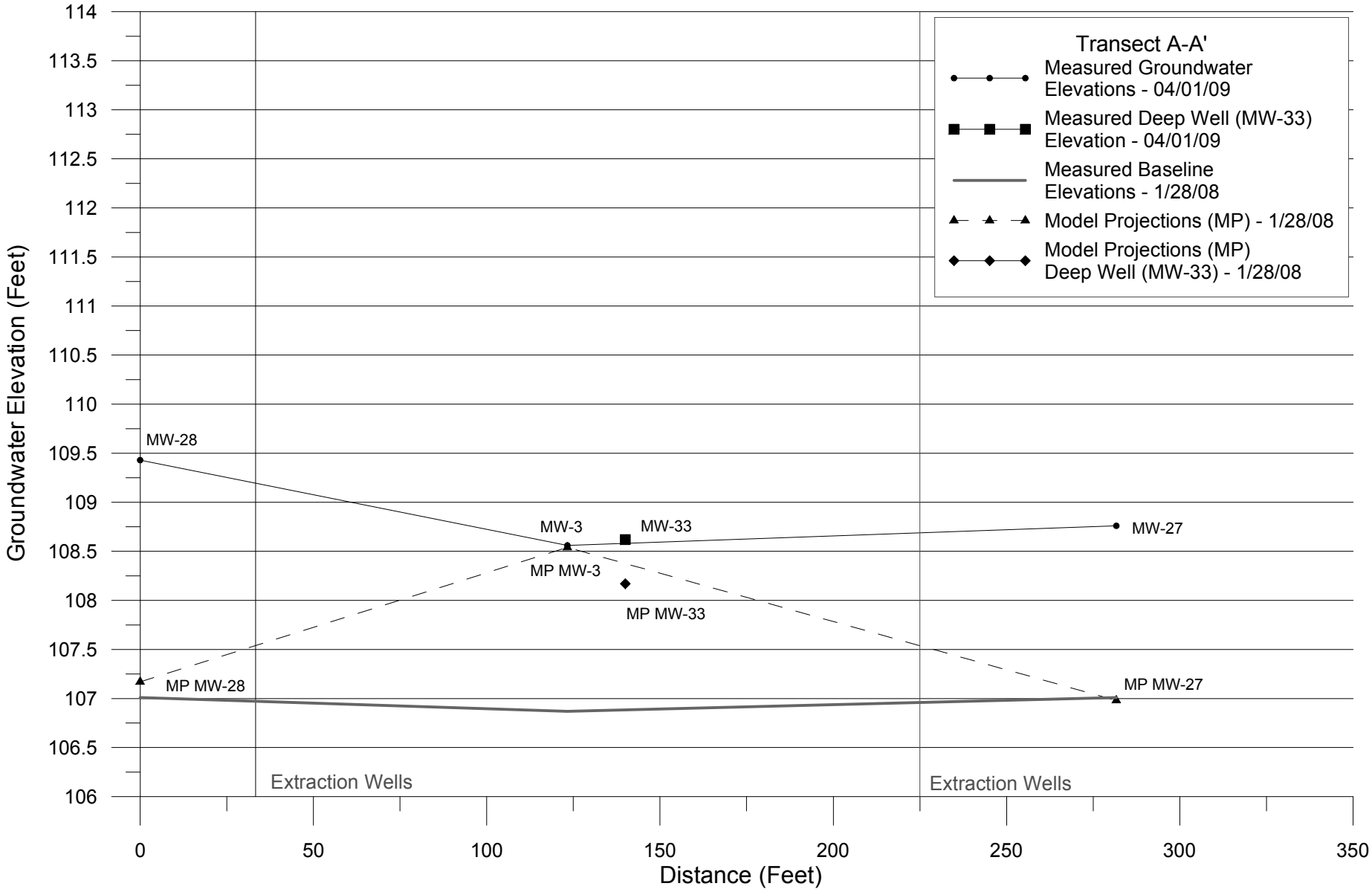
Note: 1. Vertical datum is N.A.V.D 88.

AMEC Geomatrix	MARCH 5, 2009 (FEBRUARY MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		3/13/09	Figure No. E.25



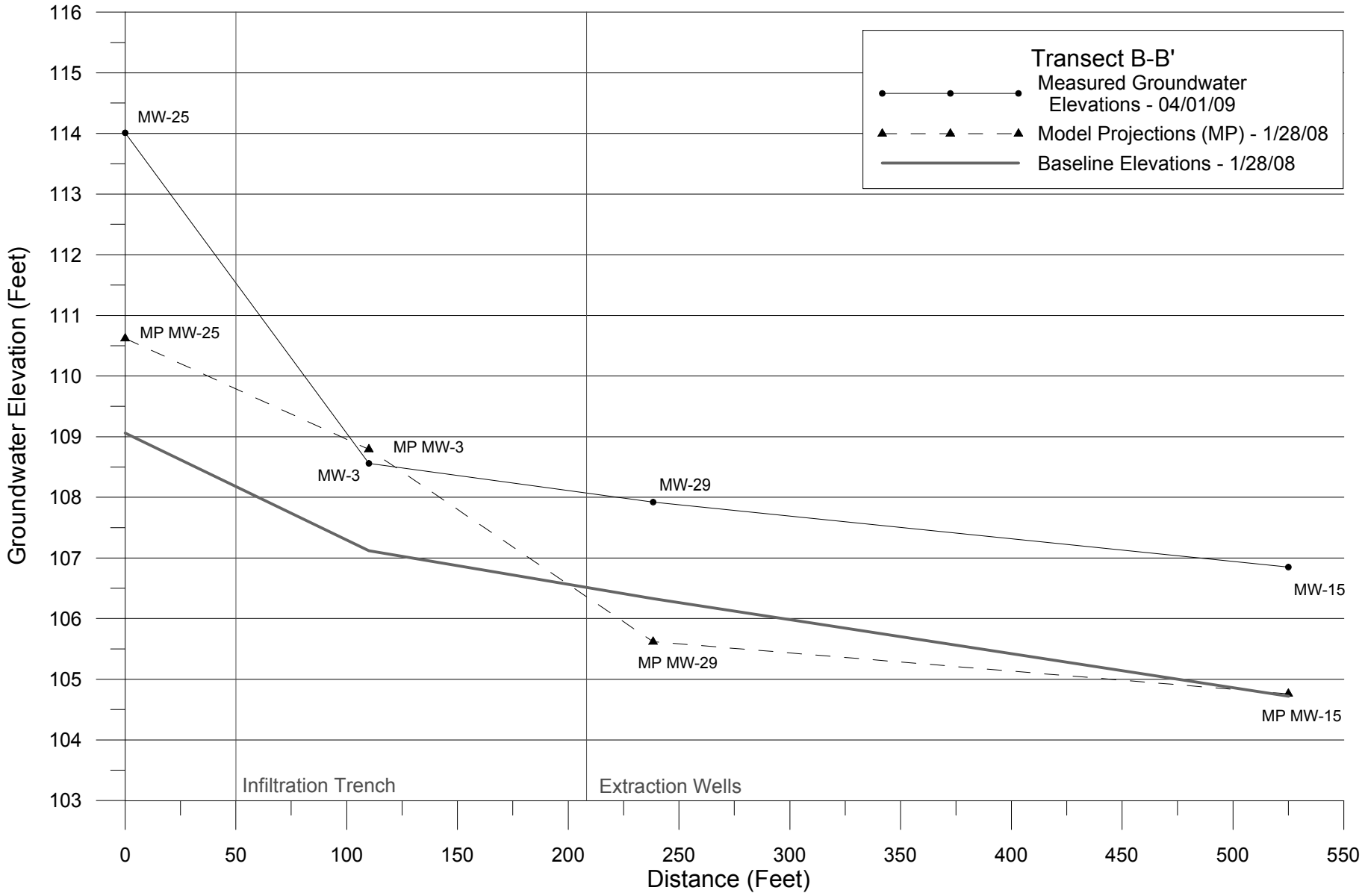
Note: 1. Vertical datum is N.A.V.D. 88.

AMEC Geomatrix	MARCH 5, 2009 (FEBRUARY MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		03/13/09	Figure No. E.26



Note: 1. Vertical datum is N.A.V.D 88.

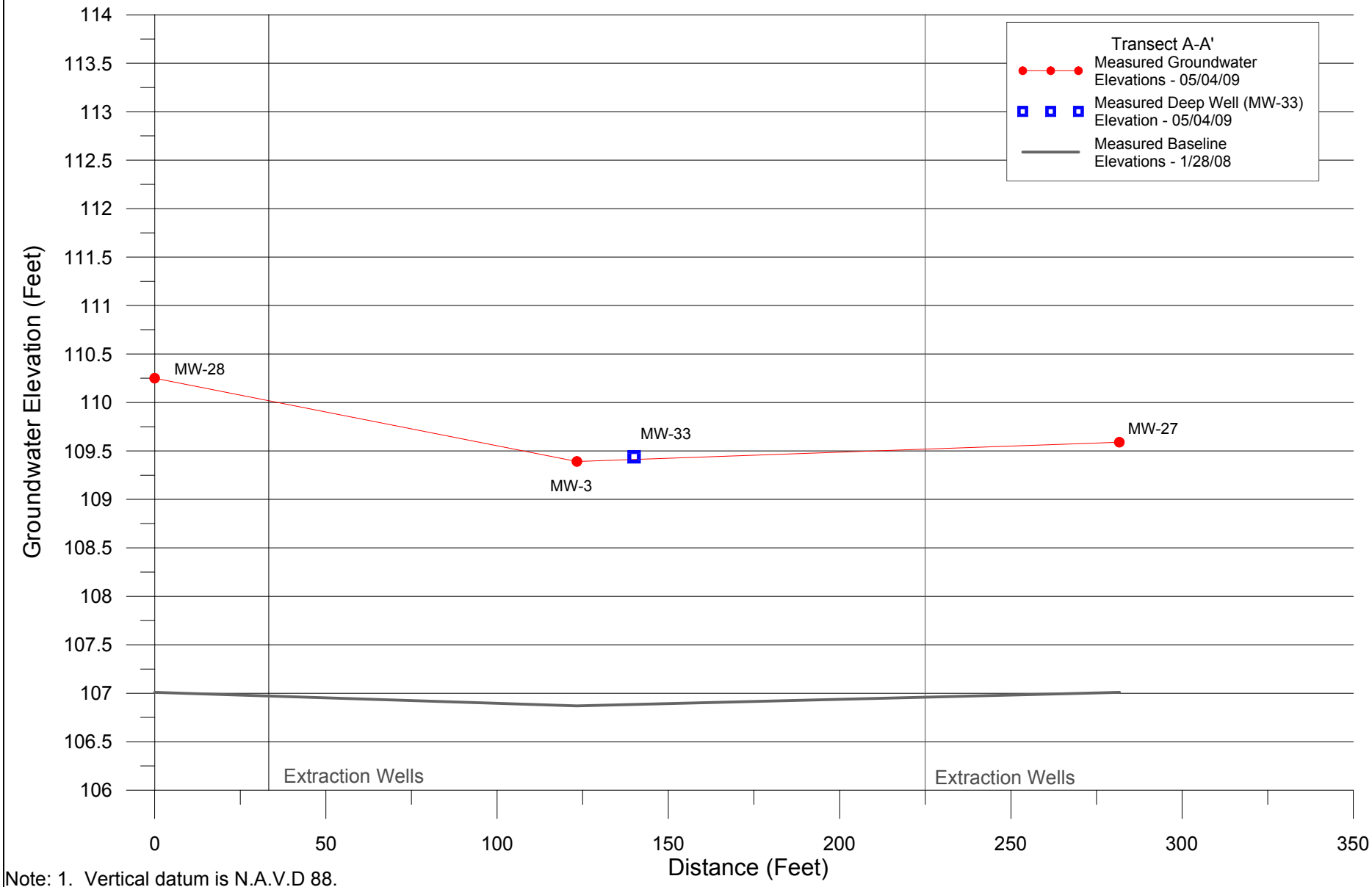
AMEC Geomatrix	APRIL 1, 2009 (MARCH MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		04/03/09	Figure No. E.27



Note: 1. Vertical datum is N.A.V.D. 88.

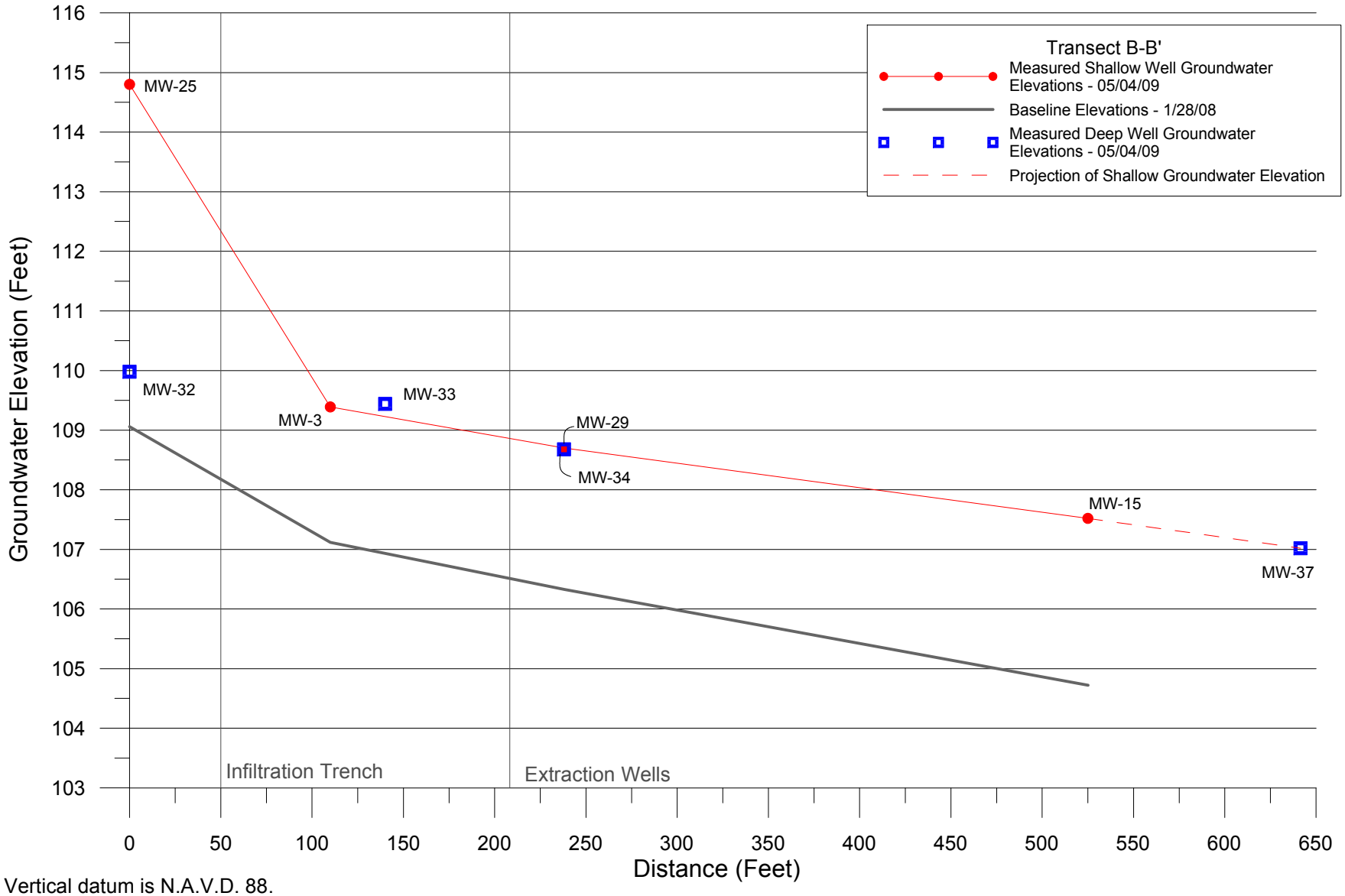
AMEC Geomatrix	APRIL 1, 2009 (MARCH MONITORING EVENT), GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		04/03/09	Figure No. E.28

S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 7 GW_CrossSec_AA_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

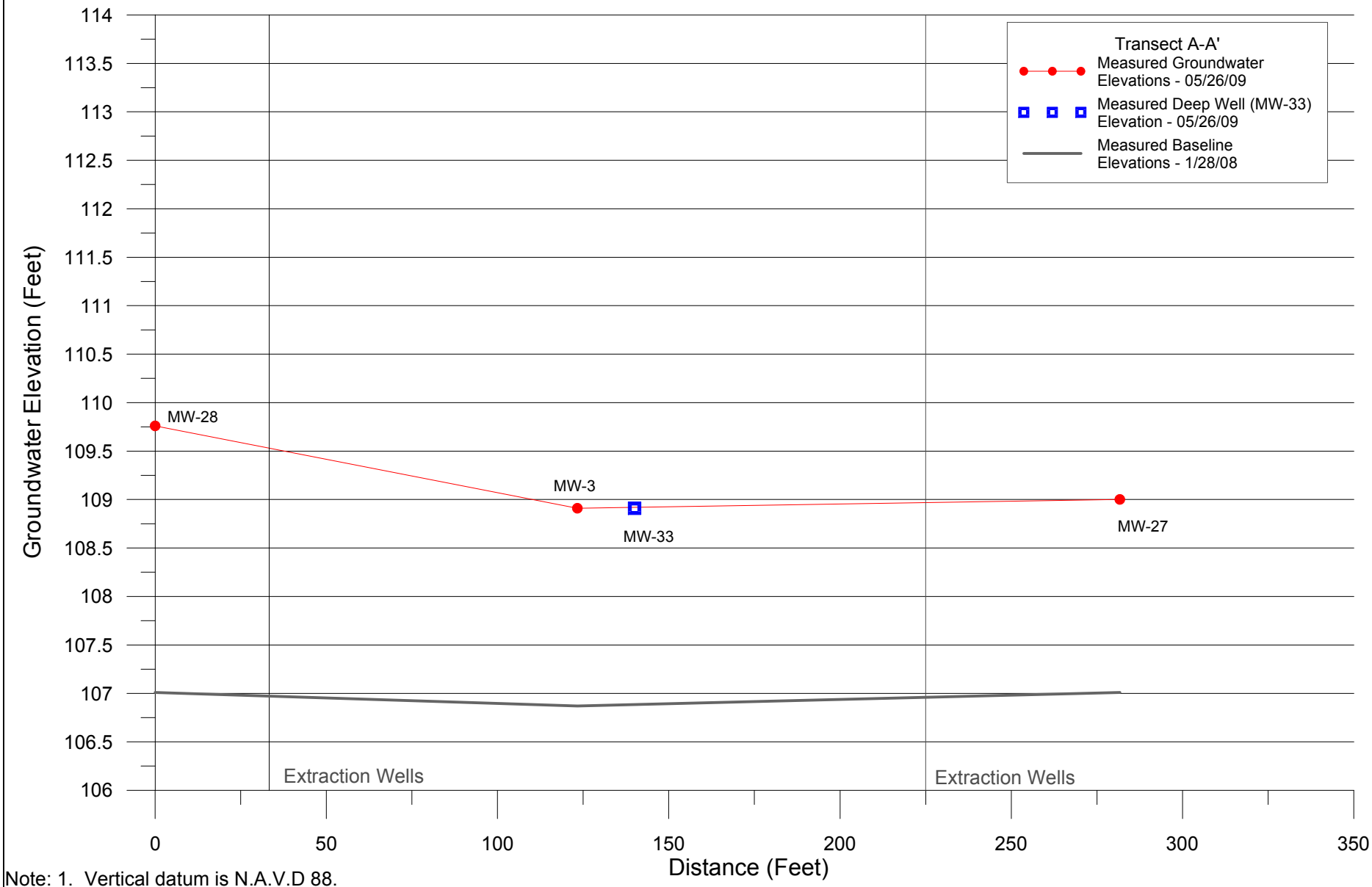
AMEC Geomatrix	APRIL MONITORING EVENT (MAY 4, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		05/14/09	Figure No. E.29



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	APRIL MONITORING EVENT (MAY 4, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 05/14/09	Project No. 12706 Figure No. E.30

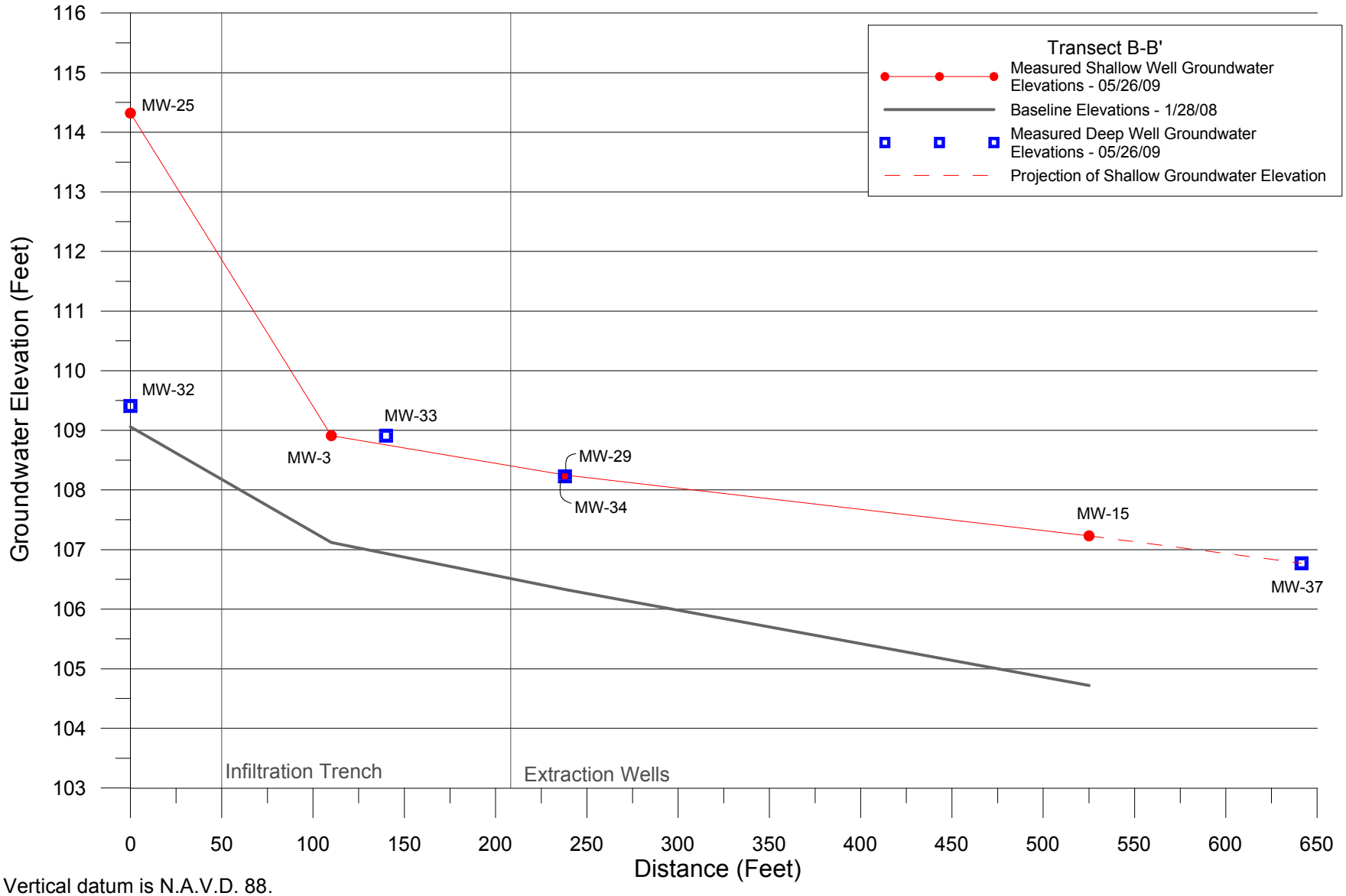
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 9 GW_CrossSec_AA_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	MAY MONITORING EVENT (MAY 26, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		05/29/09	Figure No. E.31

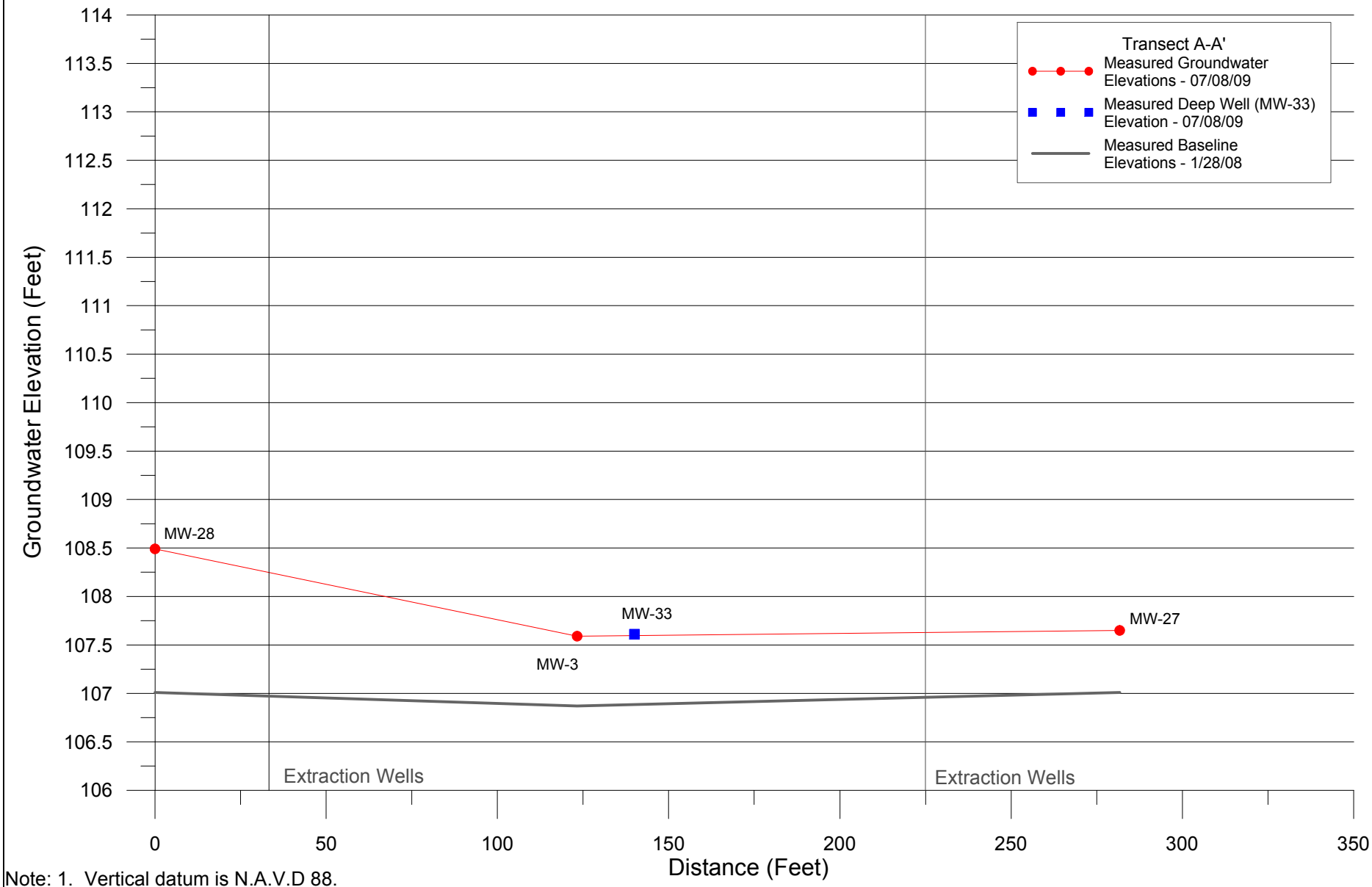
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 10 GW_CrossSec_BB_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	MAY MONITORING EVENT (MAY 26, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		05/29/09	Figure No. E.32

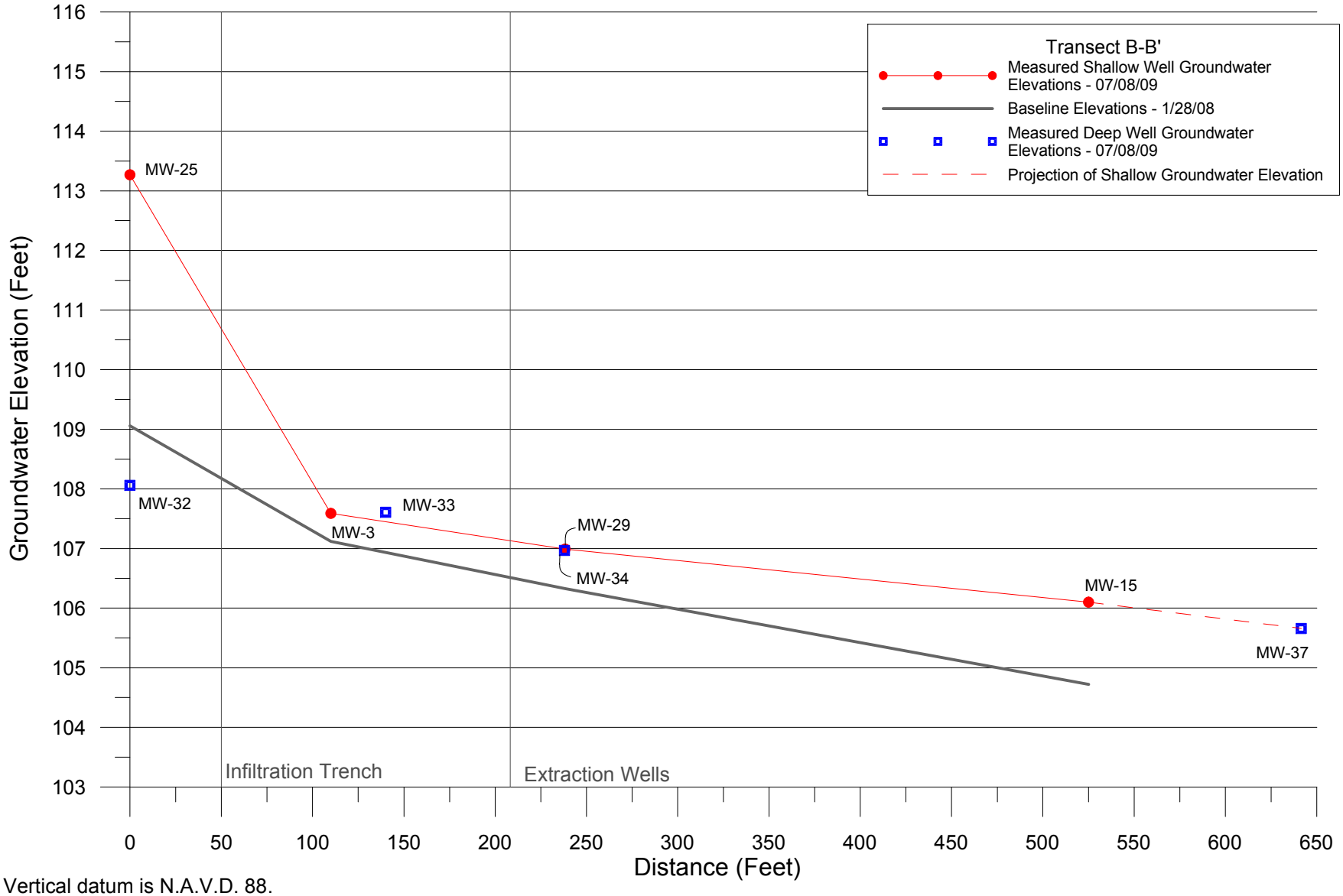
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 11 GW_CrossSec_AA_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	JUNE MONITORING EVENT (JULY 8, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		07/08/09	Figure No. E.33

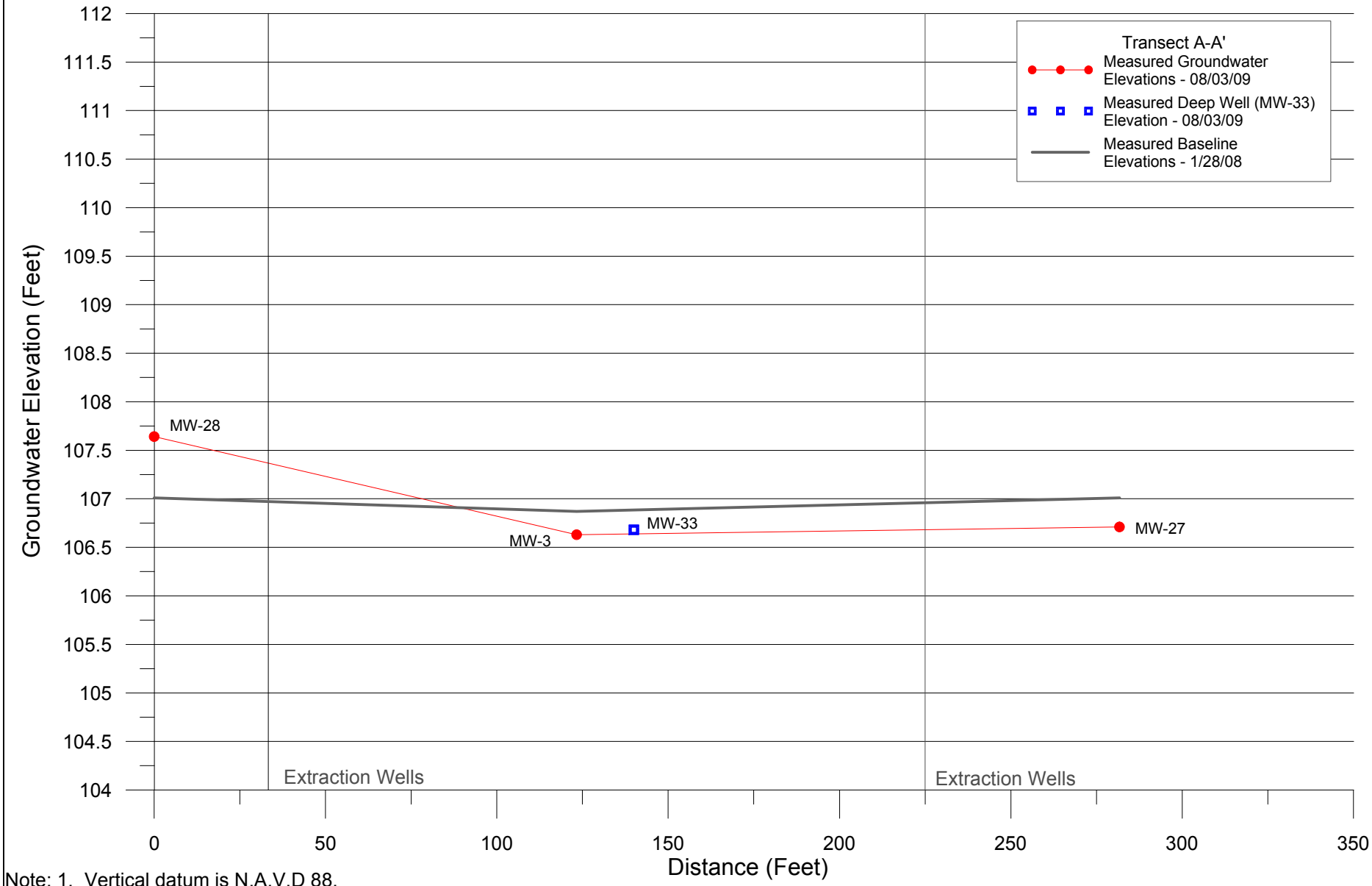
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 12 GW_CrossSec_BB_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	JUNE MONITORING EVENT (JULY 8, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		06/13/09	Figure No. E.34

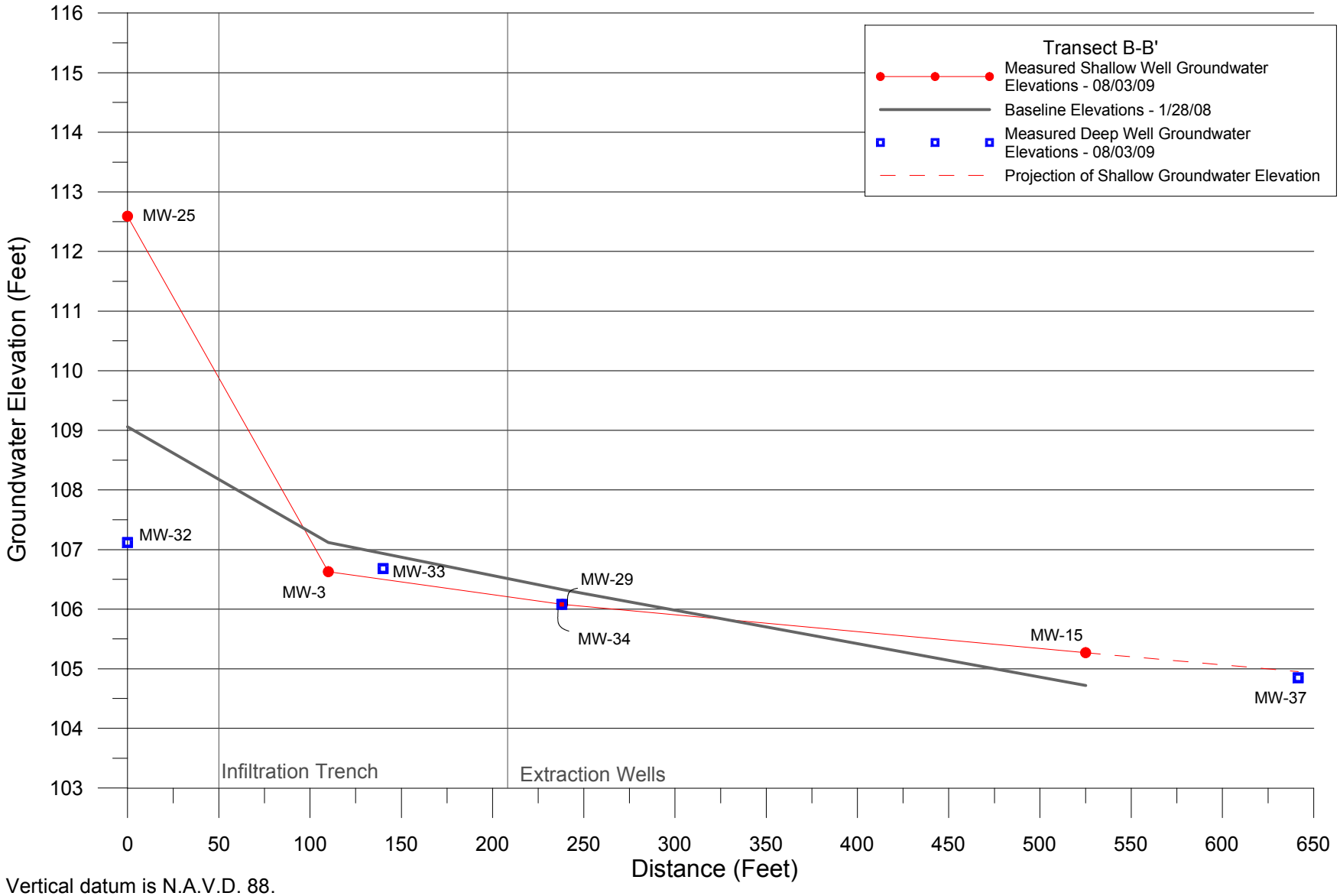
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 07 GW_CrossSec_AA_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	JULY MONITORING EVENT (AUGUST 3, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 08/10/09	Project No. 12706 Figure No. E.35

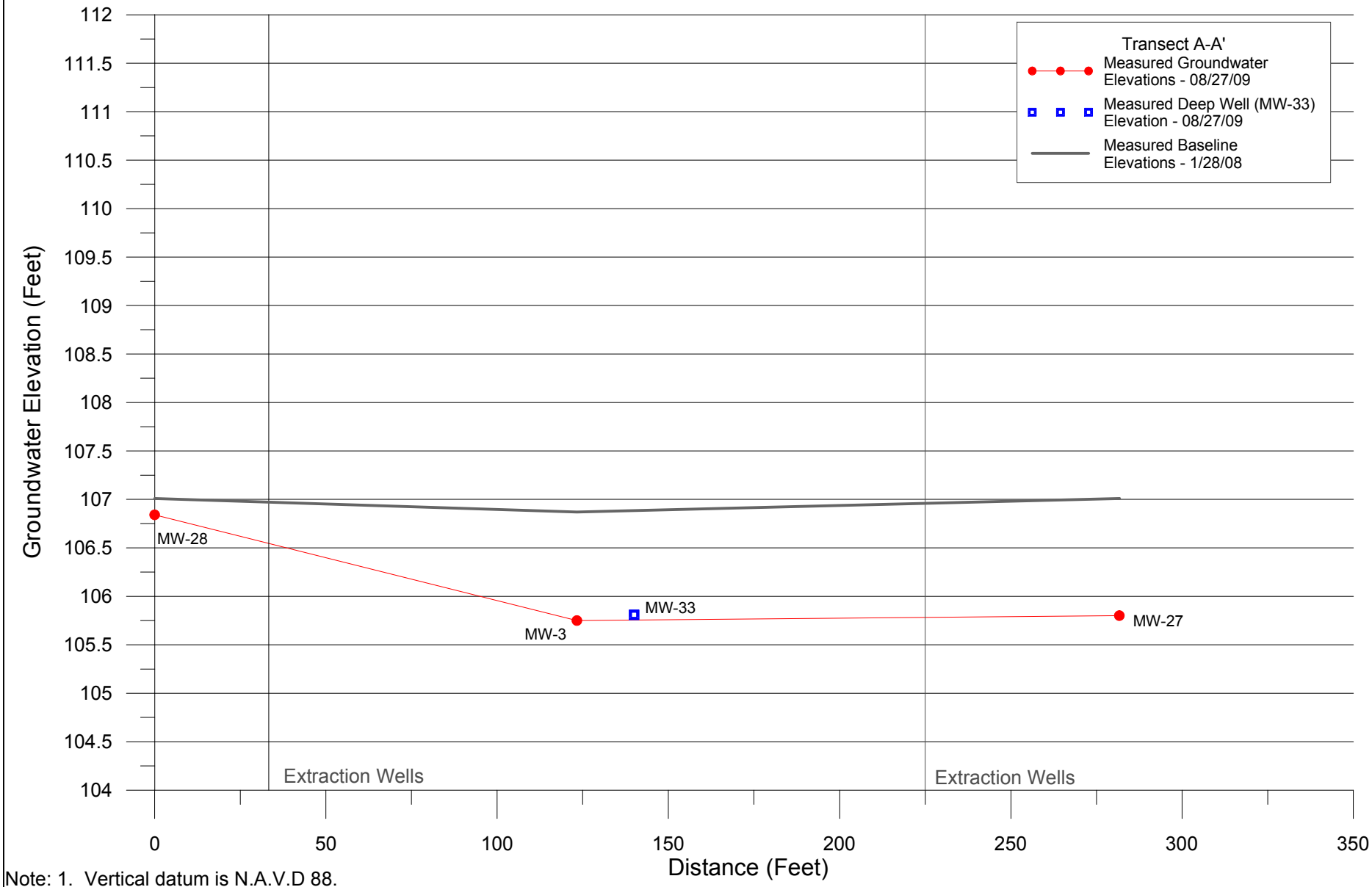
S:\12706\2009_Reporting\2nd Qtr 09\Images\Figure 08 GW_CrossSec_BB_12808_Baseline.pdf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	JULY MONITORING EVENT (AUGUST 3, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		08/10/09	Fgure No. E.36

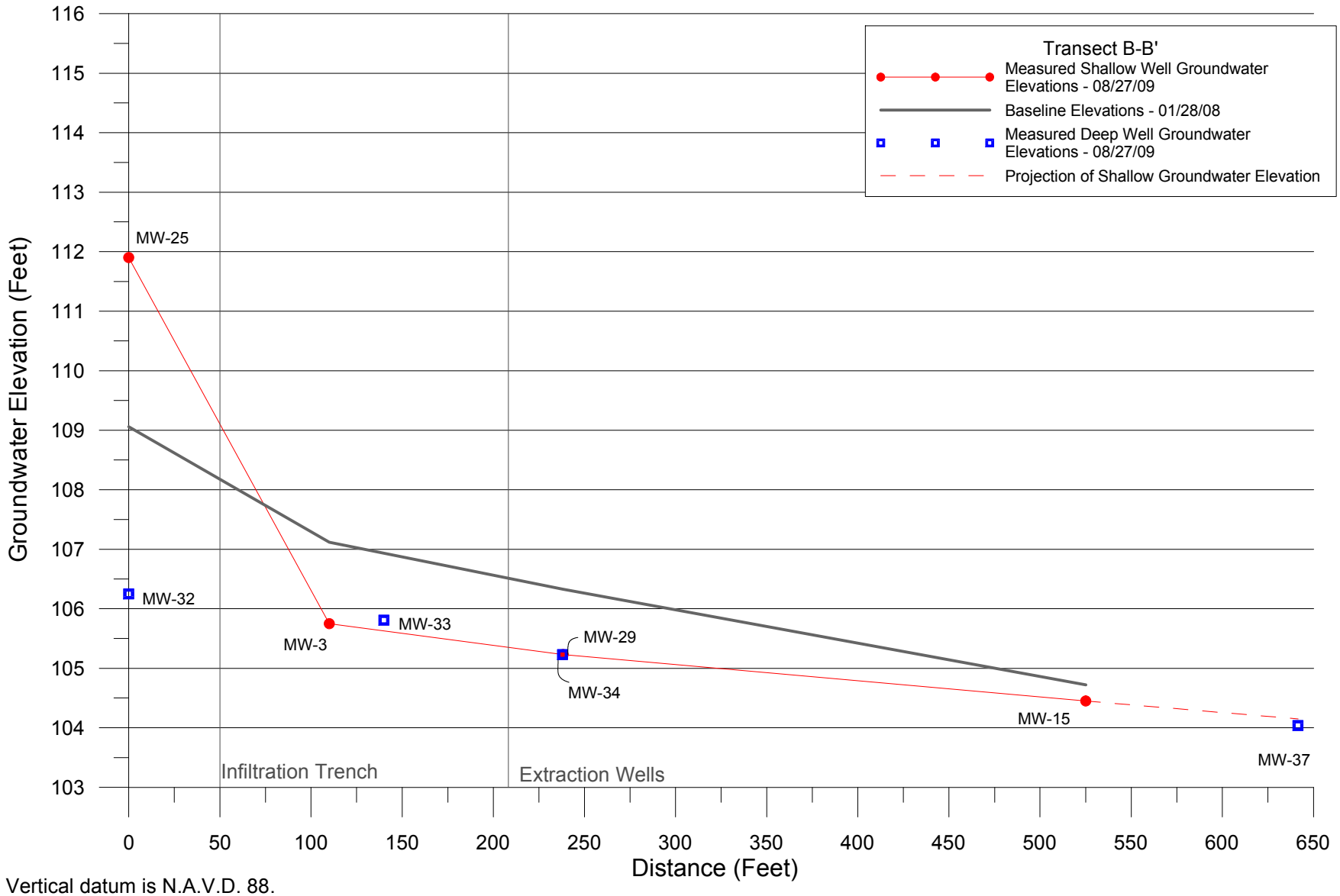
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_AA_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	AUGUST MONITORING EVENT (AUGUST 27, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 08/31/09	Project No. 12706 Figure No. E.37

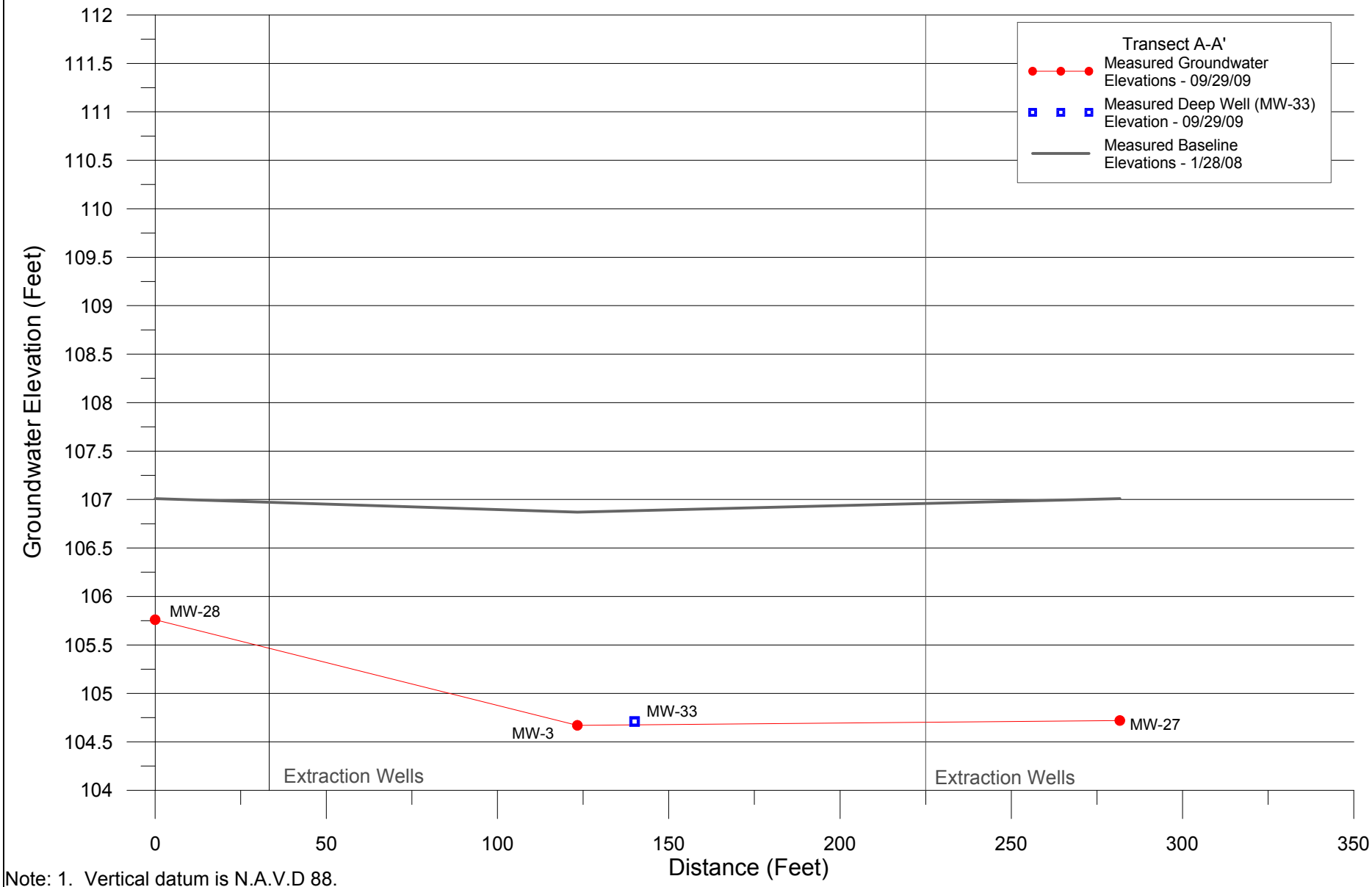
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	AUGUST MONITORING EVENT (AUGUST 27, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 08/31/09	Project No. 12706 Figure No. E.38

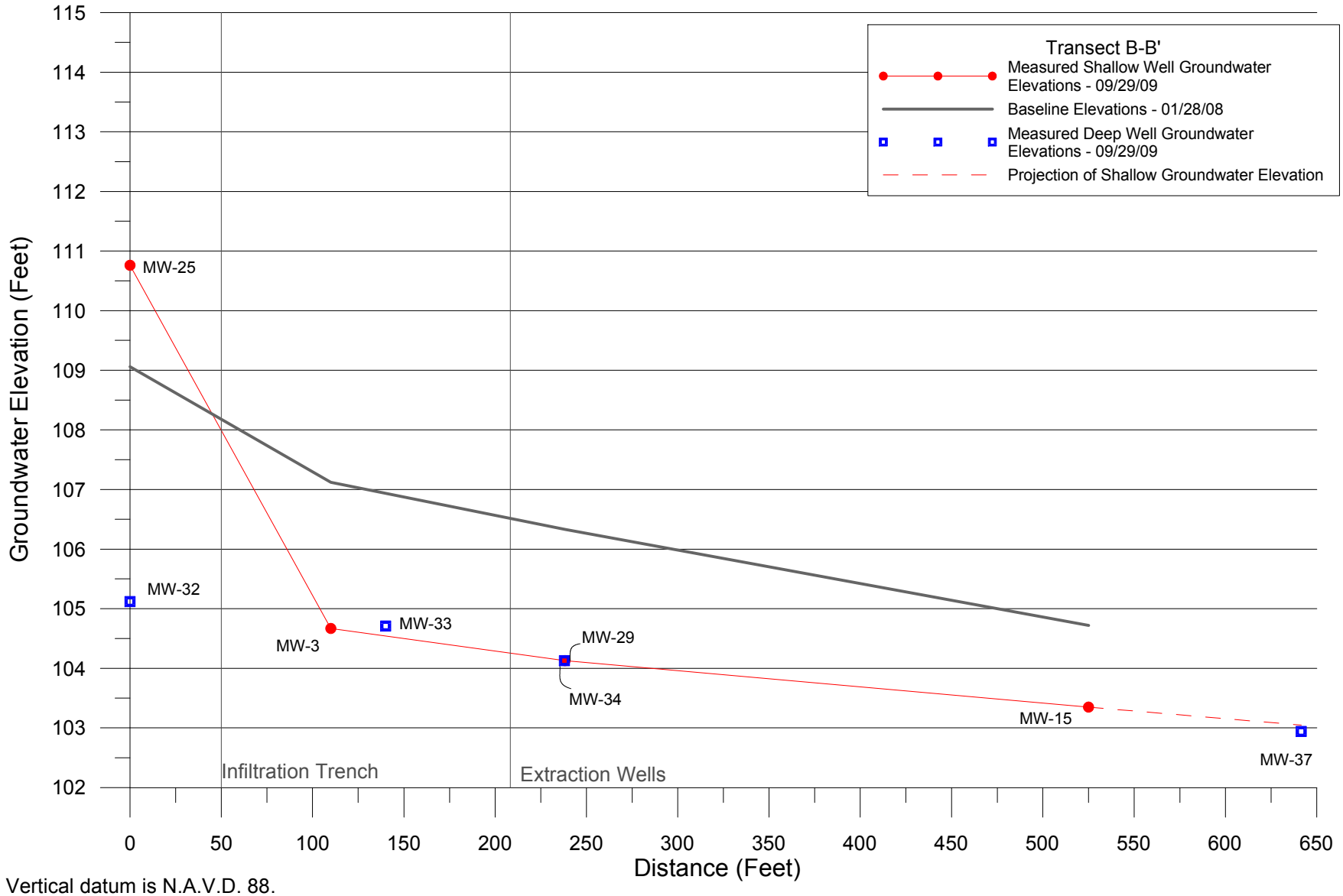
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_AA_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	SEPTEMBER MONITORING EVENT (SEPTEMBER 29, 2009), GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		10/02/09	Figure No. E.39

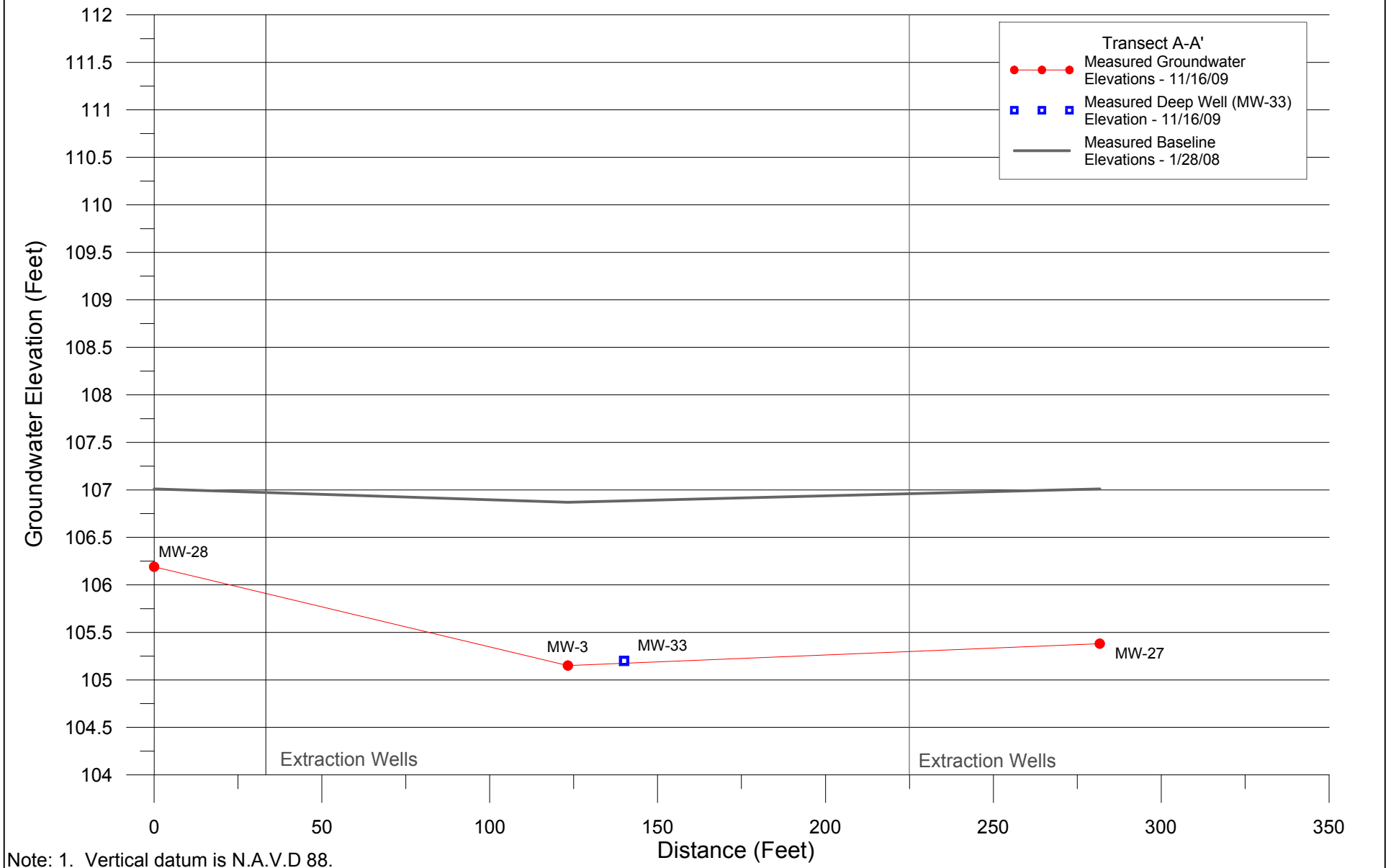
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	SEPTEMBER MONITORING EVENT (SEPTEMBER 29, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 10/02/09	Project No. 12706 Figure No. E.40

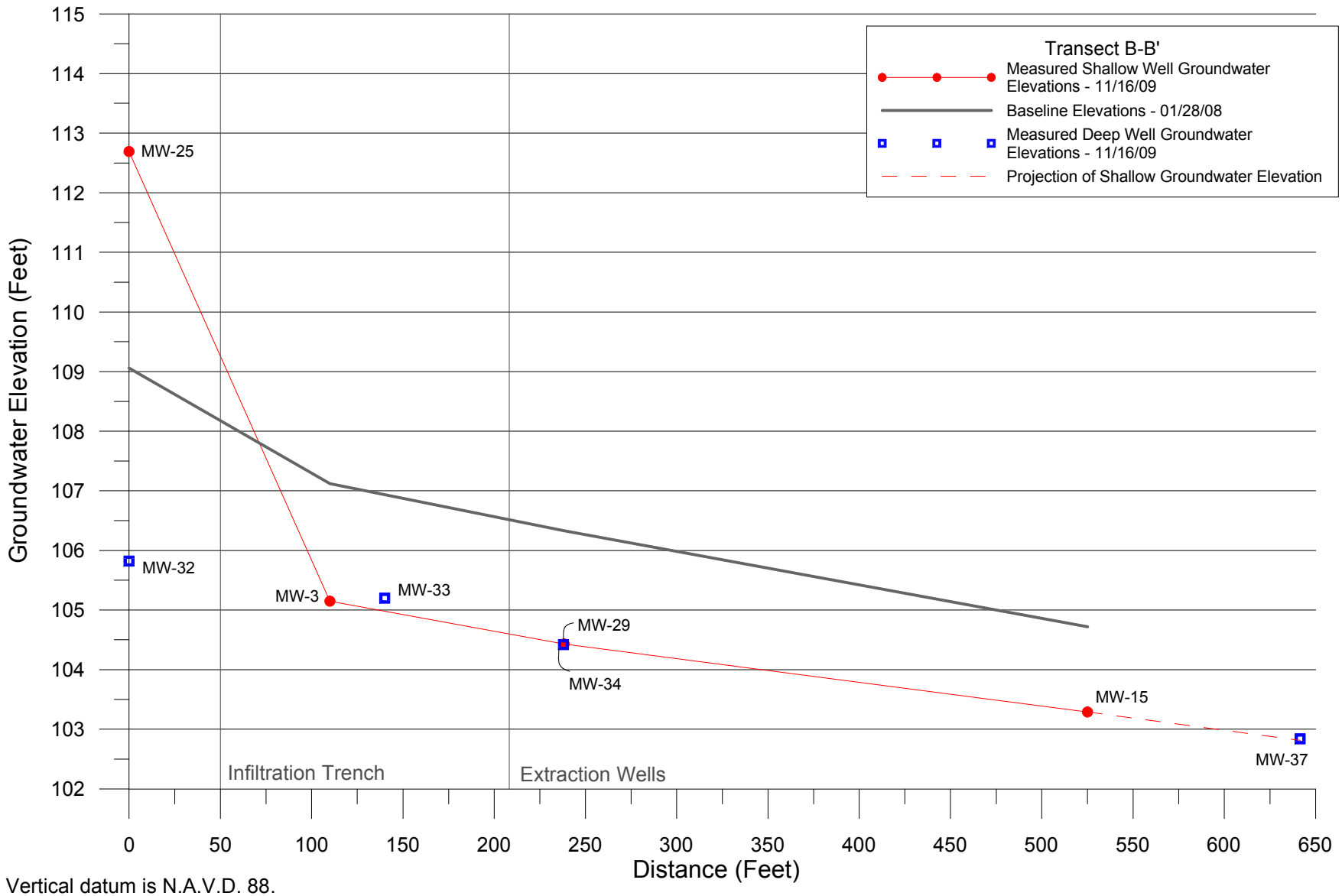
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_AA_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	NOVEMBER MONITORING EVENT (NOVEMBER 16, 2009) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 11/30/09	Project No. 12706 Figure No. E.41

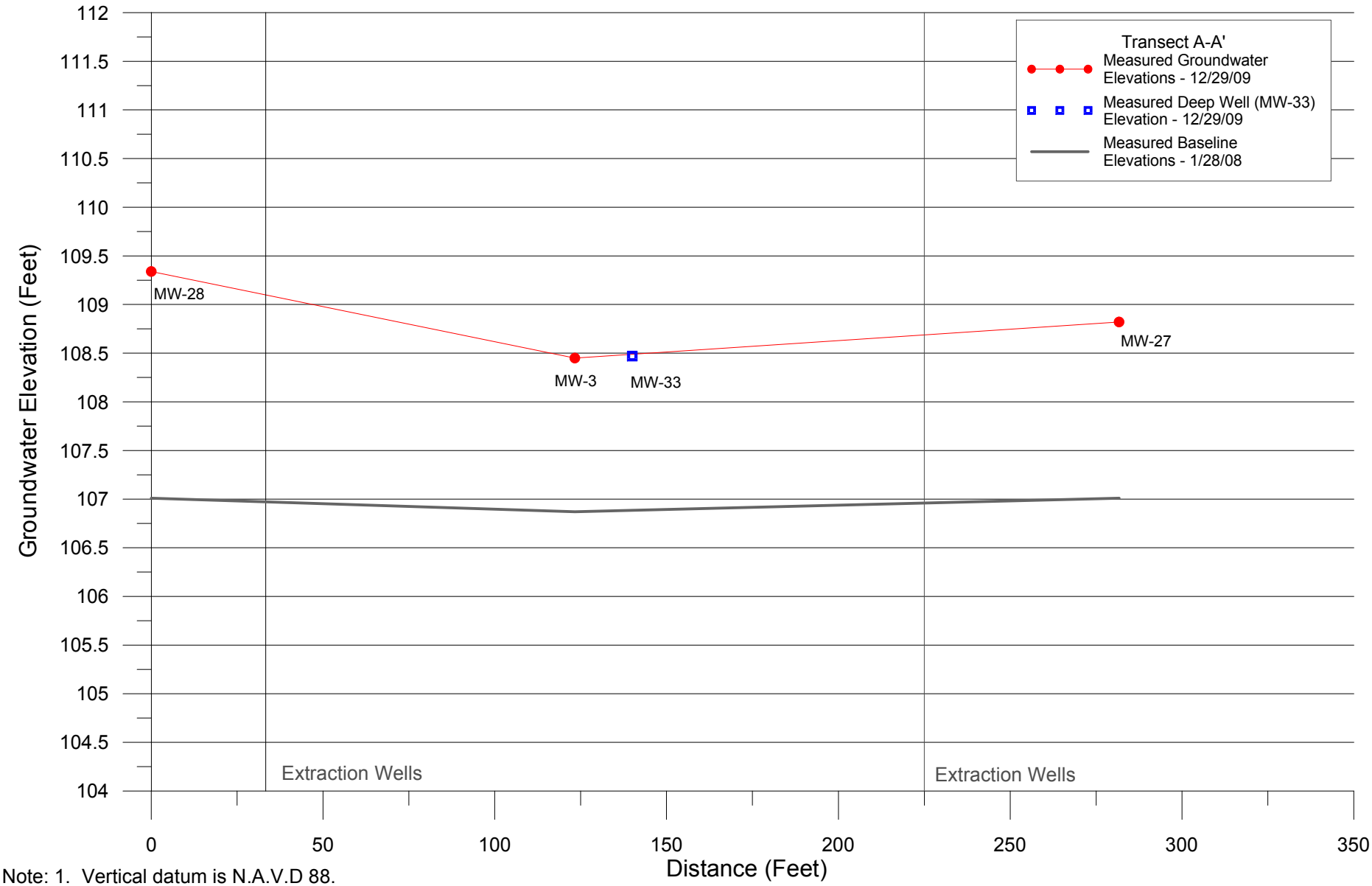
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	NOVEMBER MONITORING EVENT (NOVEMBER 16, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		11/30/09	Figure No. E.42

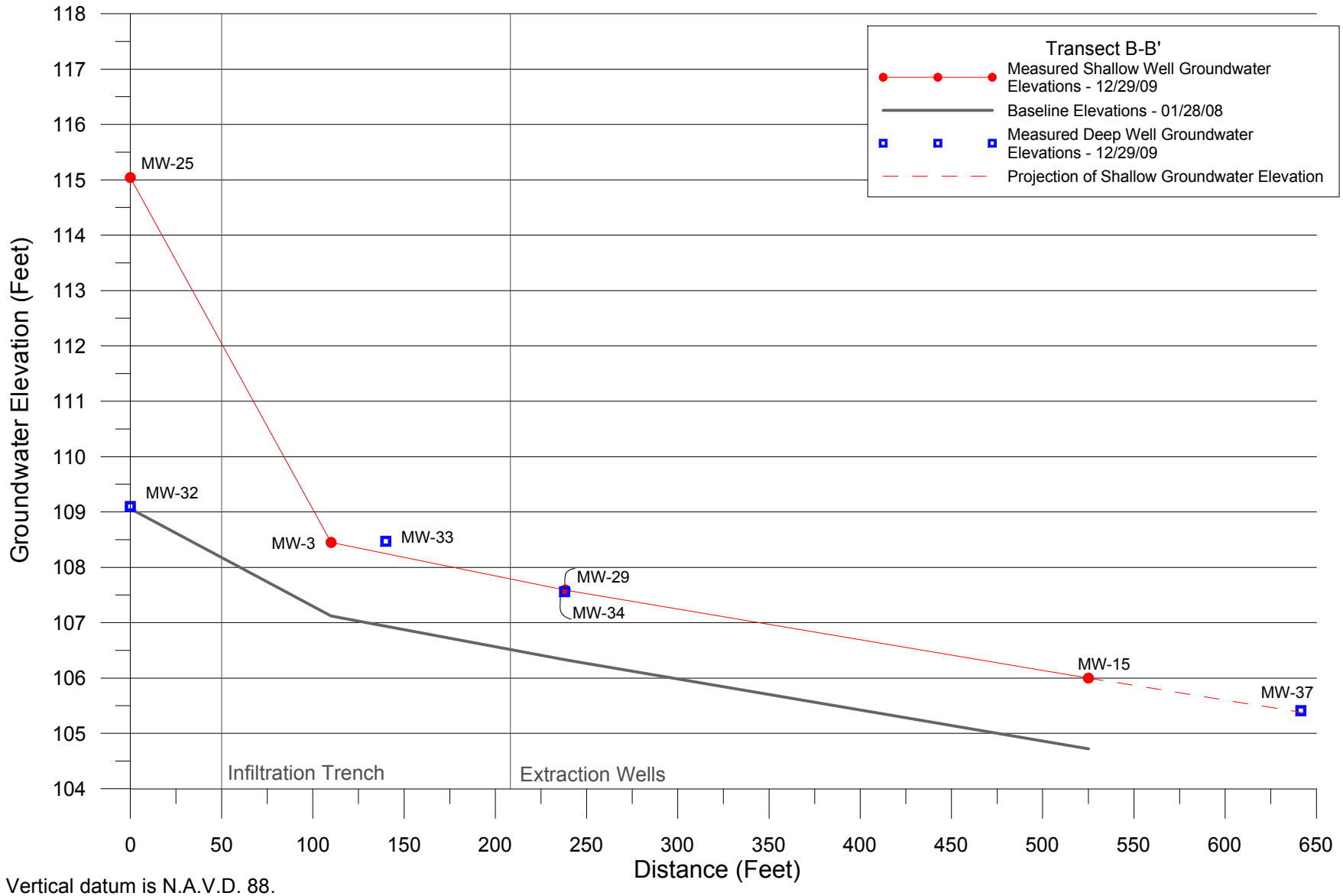
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_AA_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	DECEMBER MONITORING EVENT (DECEMBER 29, 2009) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		12/30/09	Figure No. E.43

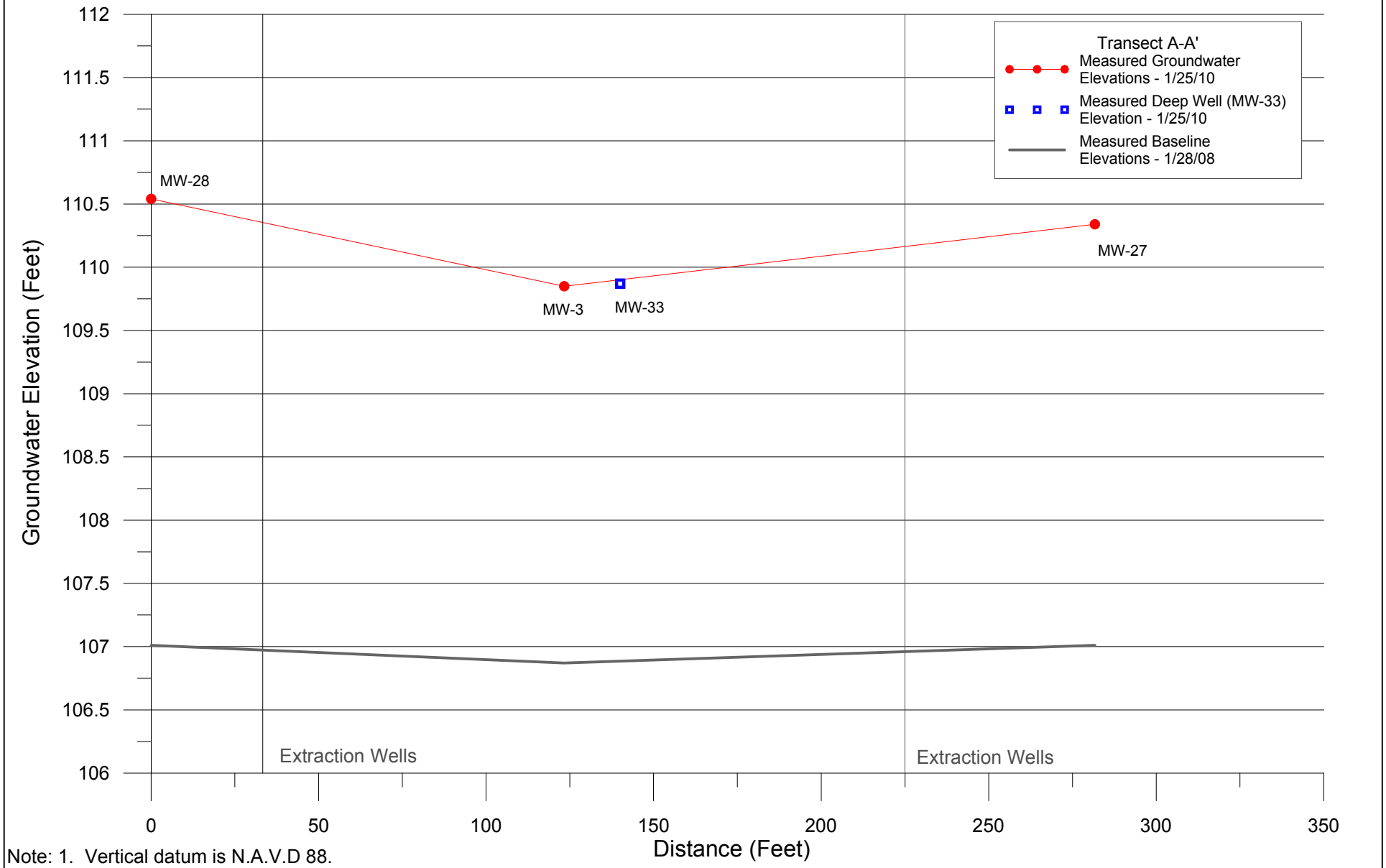
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	DECEMBER MONITORING EVENT (DECEMBER 29, 2009) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		12/30/09	Figure No. E.44

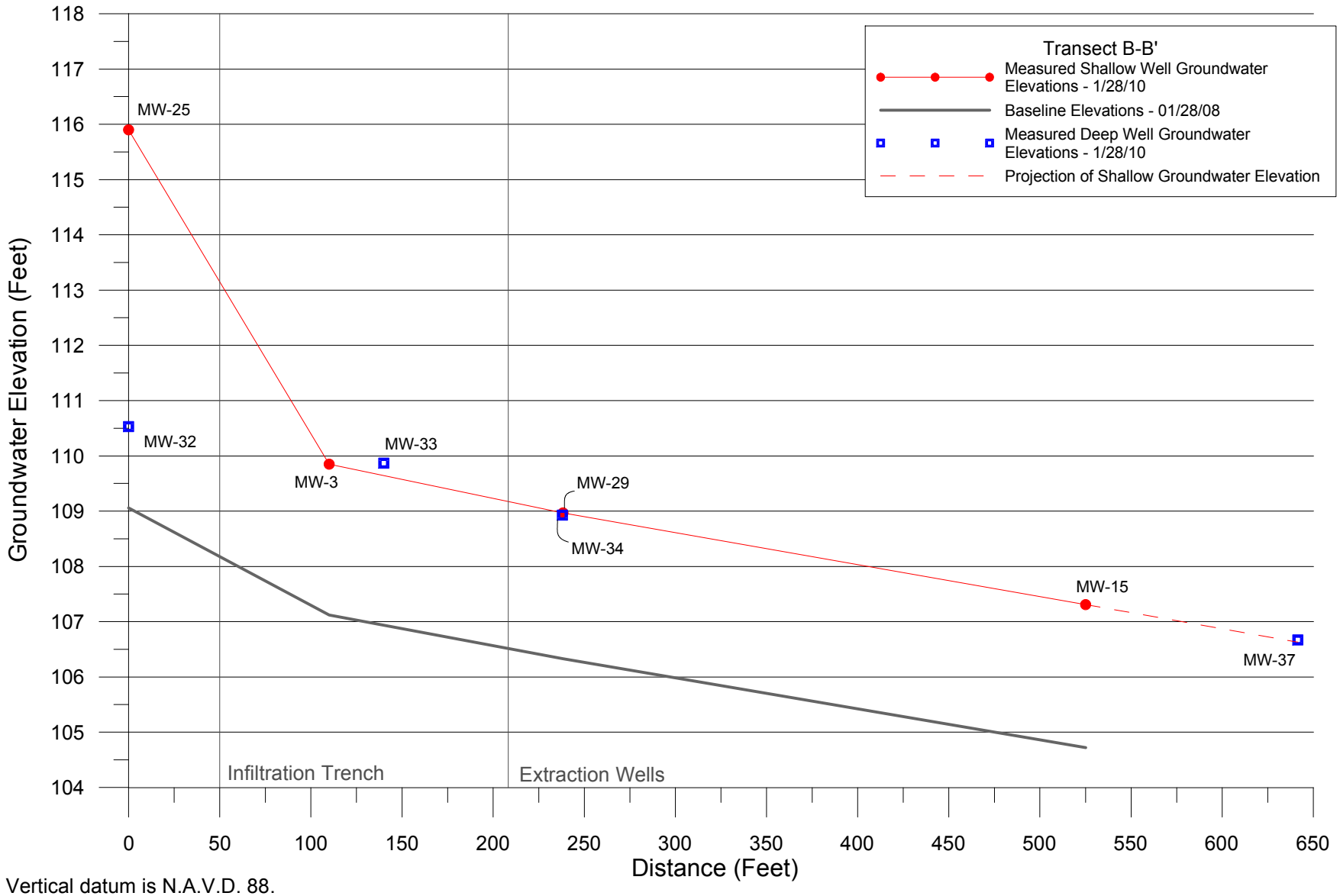
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Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	JANUARY MONITORING EVENT (JANUARY 25, 2009) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		1/28/09	Figure No. E.45

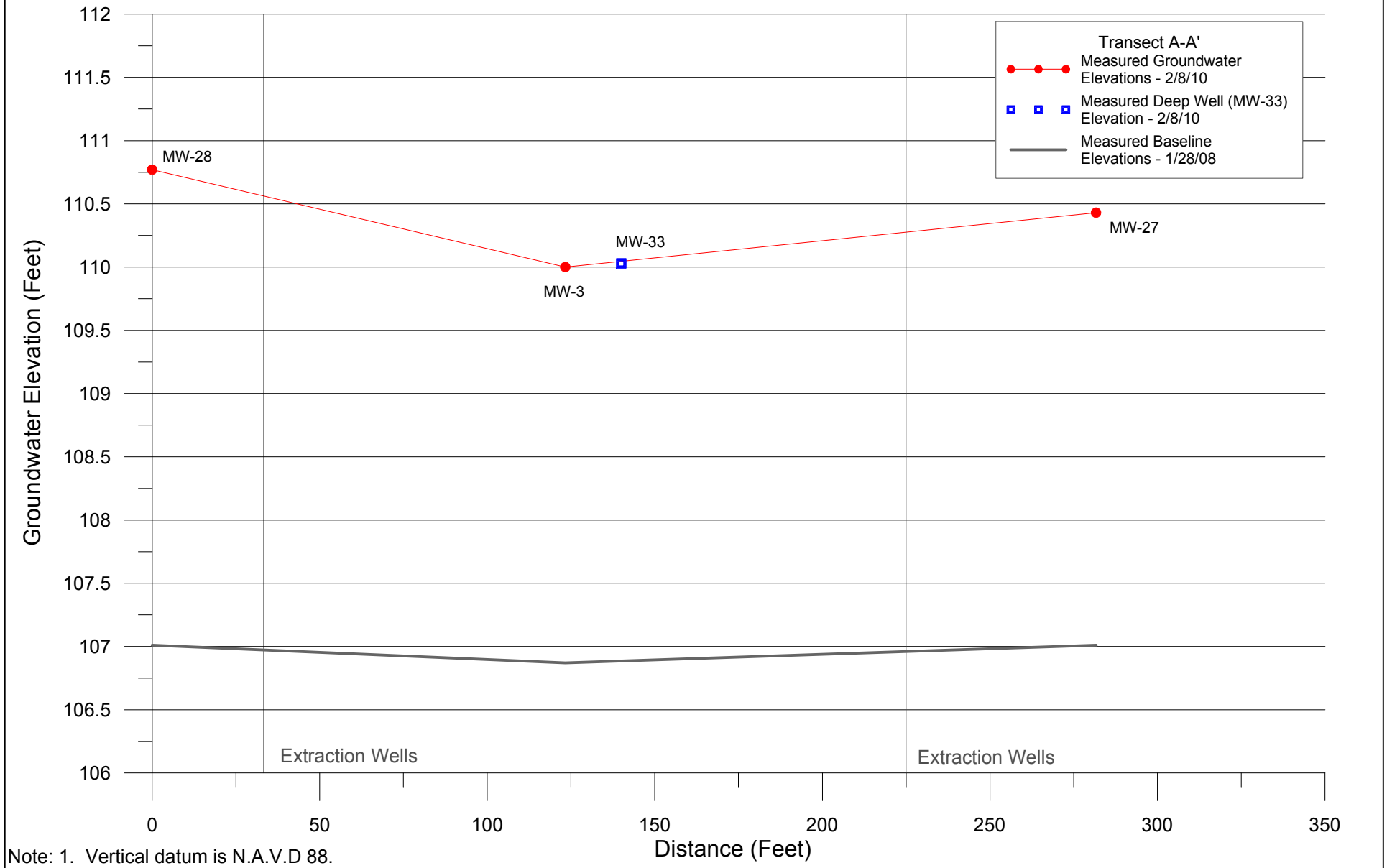
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	JANUARY MONITORING EVENT (JANUARY 25, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		1/28/10	Figure No. E.46

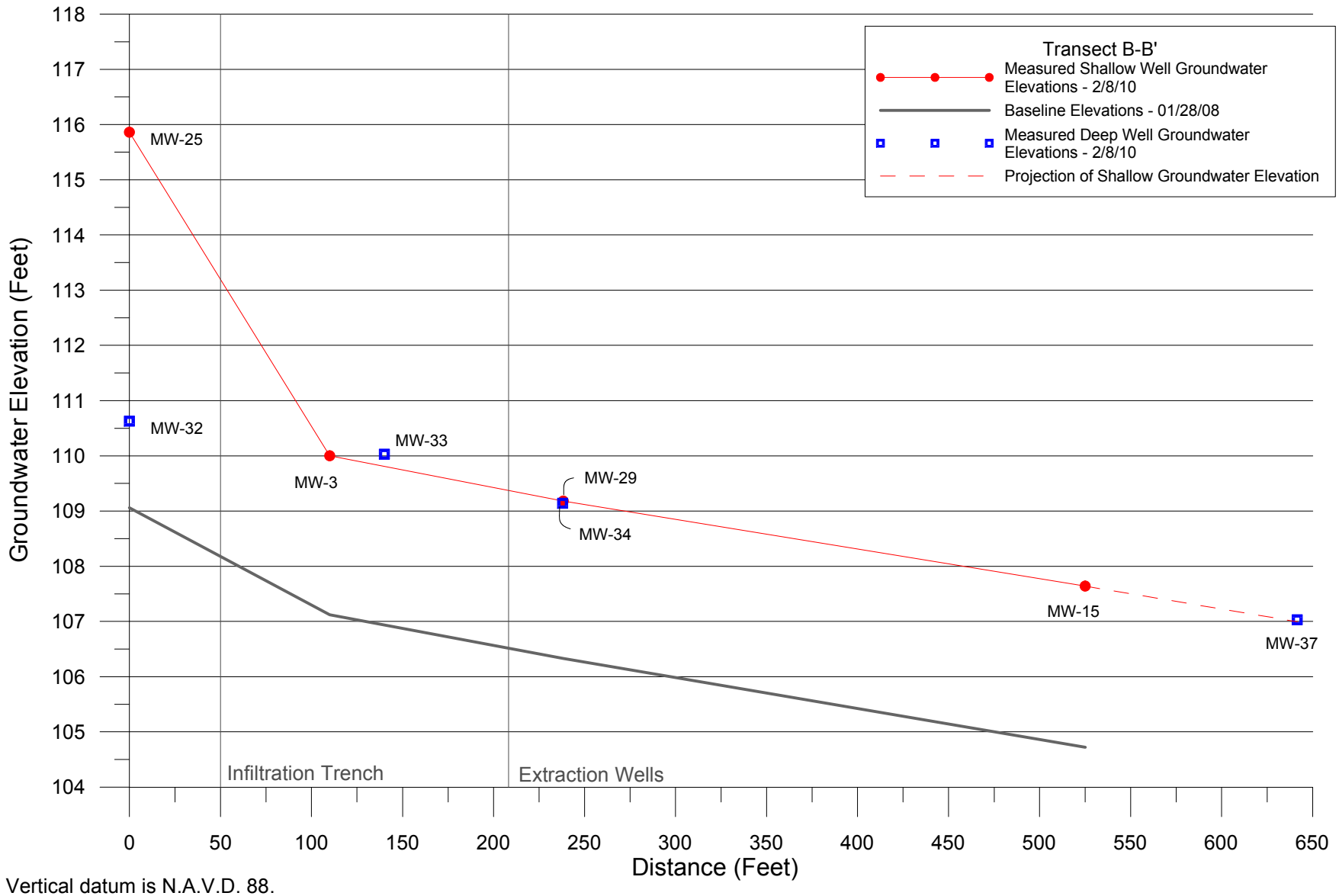
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Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	FEBRUARY MONITORING EVENT (FEBRUARY 8, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		2/15/09	Figure No. E.47

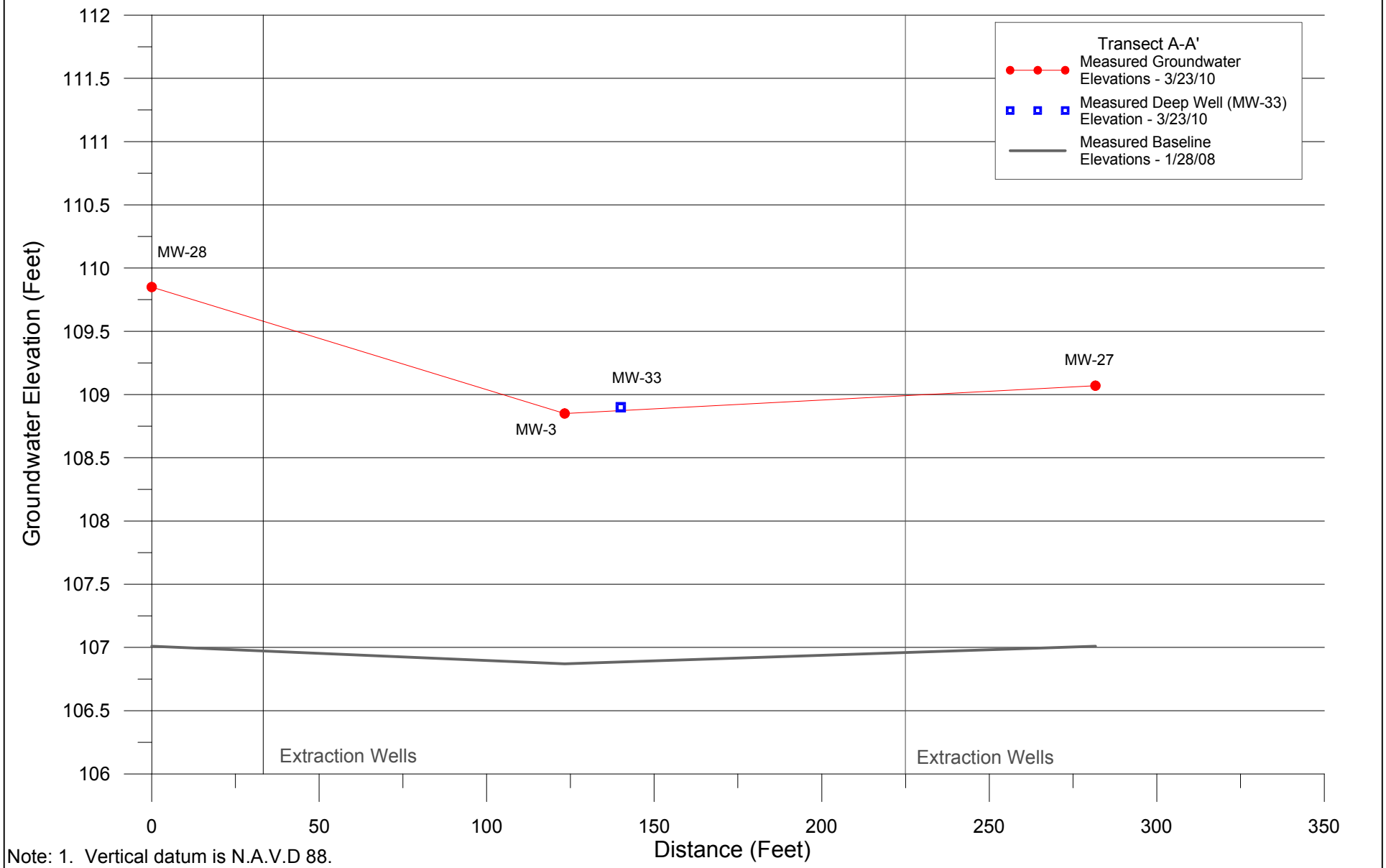
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	FEBRUARY MONITORING EVENT (FEBRUARY 8, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 2/15/10	Project No. 12706 Figure No. E.48

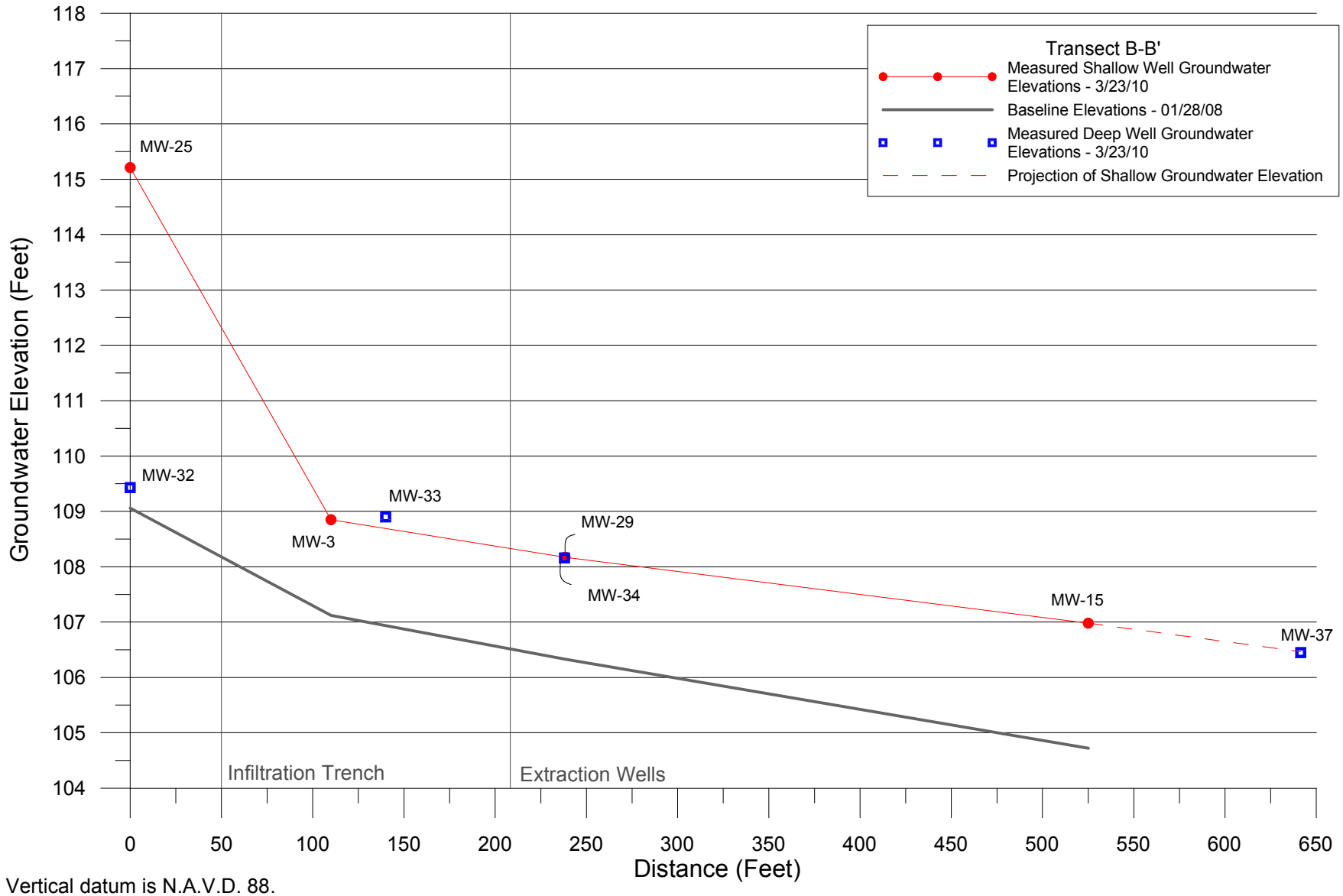
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2010.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	MARCH MONITORING EVENT (MARCH 23, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		3/25/09	Figure No. E.49

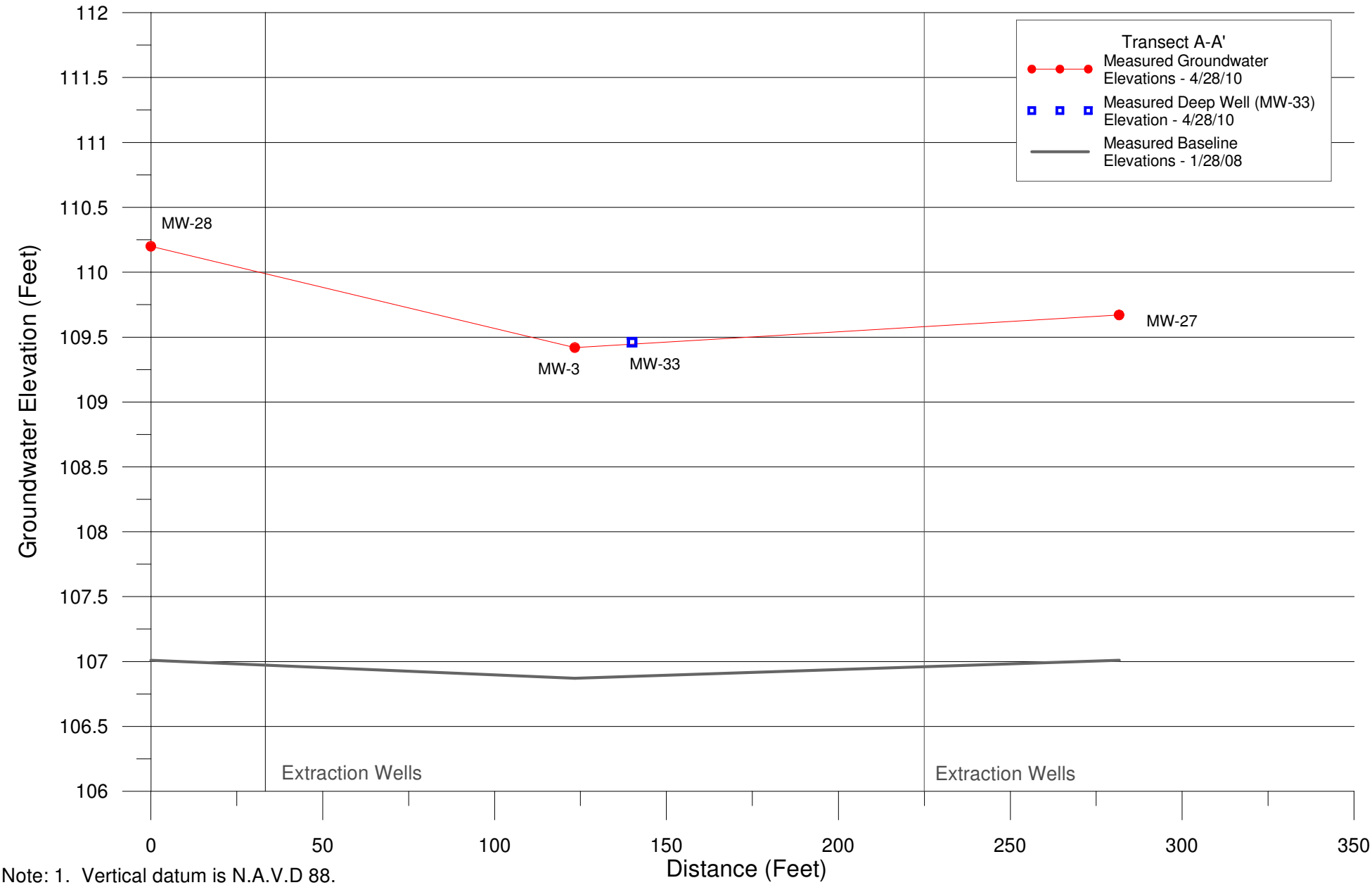
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	MARCH MONITORING EVENT (MARCH 23, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		3/23/10	Figure No. E.50

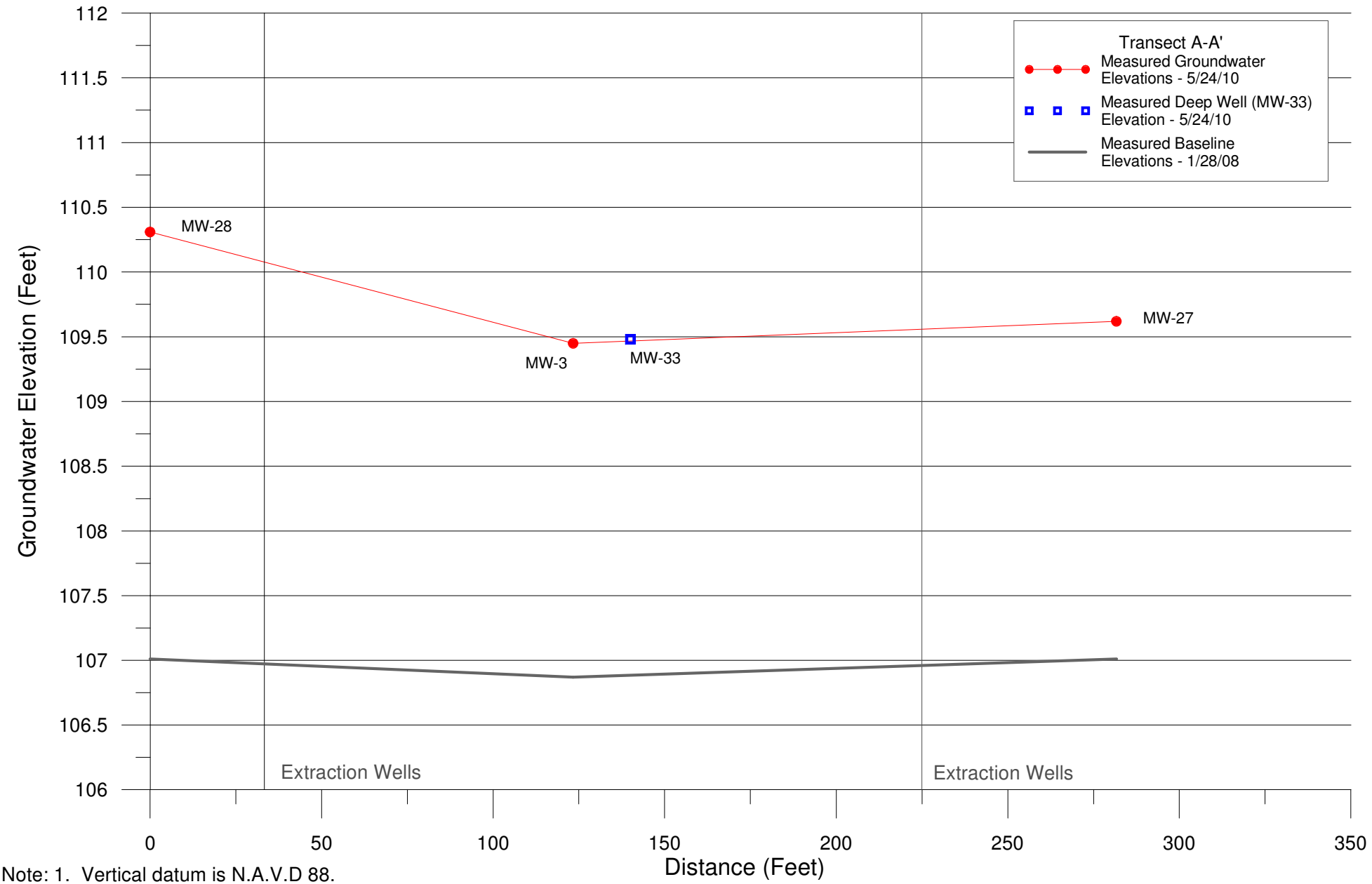
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Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	APRIL MONITORING EVENT (APRIL 28, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		4/30/09	Figure No. E.51

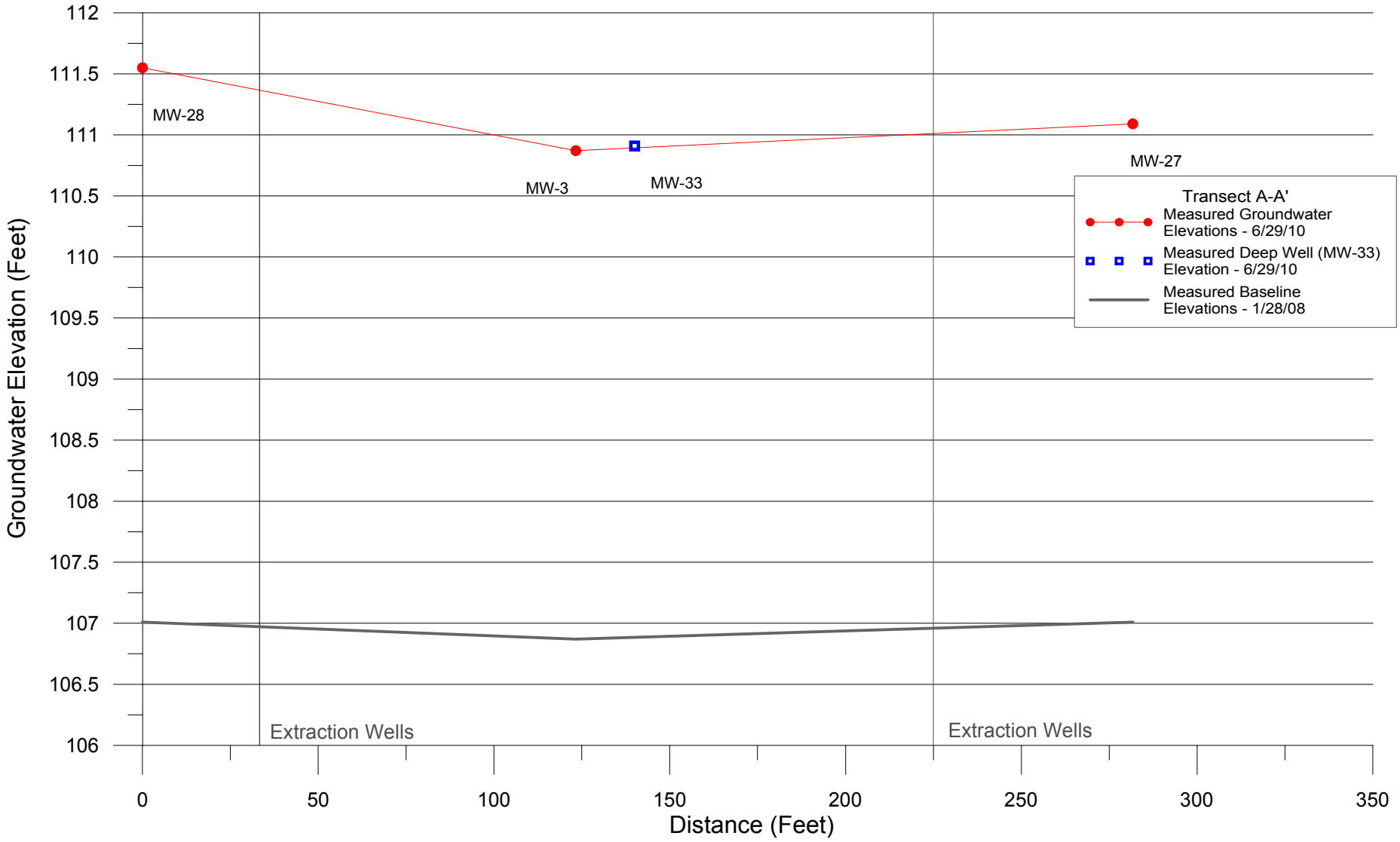
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2010.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.

AMEC Geomatrix	MAY MONITORING EVENT (MAY 24, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		6/7/10	Figure No. E.52

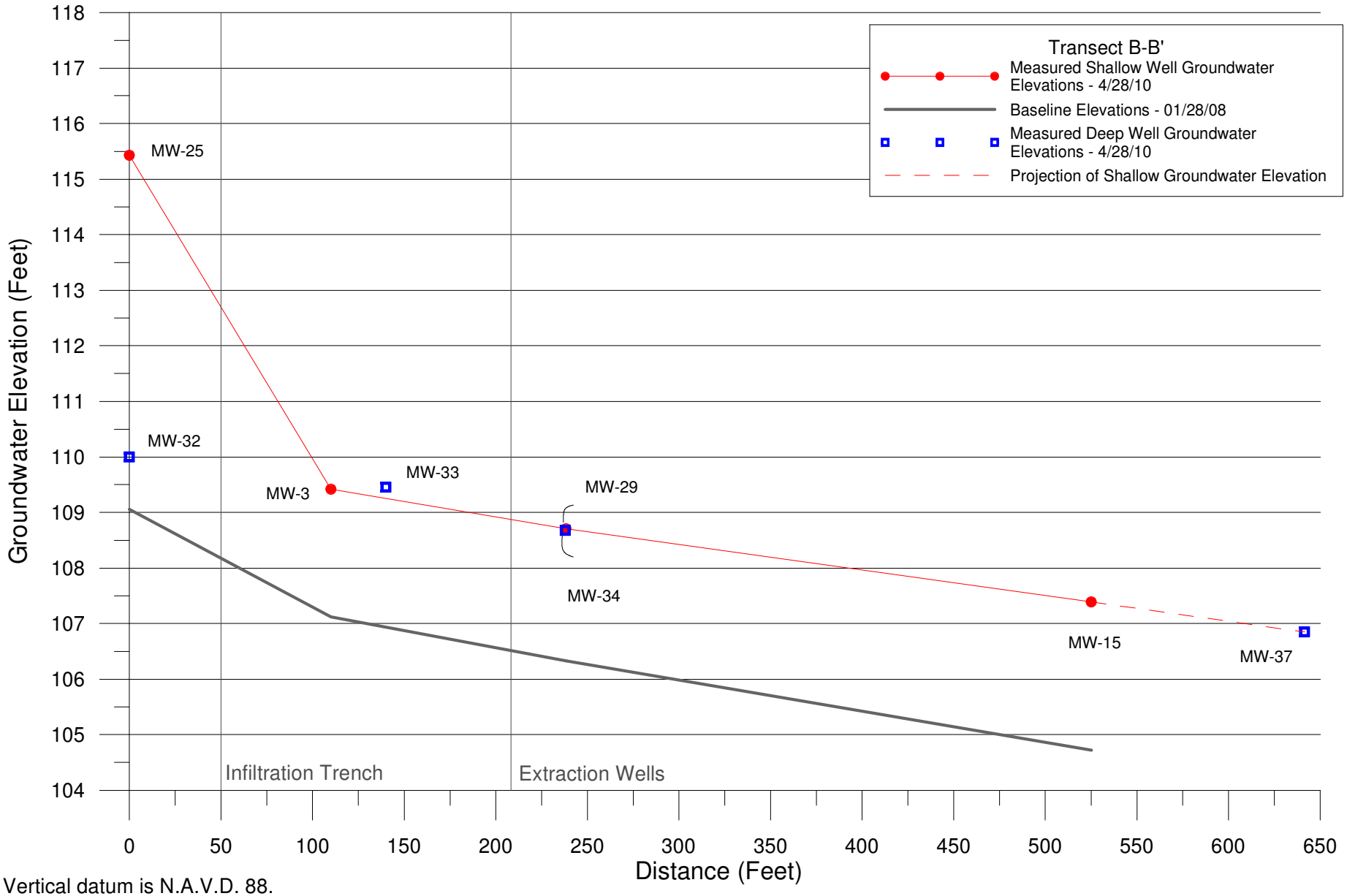
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2010.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Extraction well EW-4 was not in operation during this monitoring event.

AMEC Geomatrix	JUNE MONITORING EVENT (JUNE 29, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE 7/1/10	Project No. 12706 Figure No. E.53

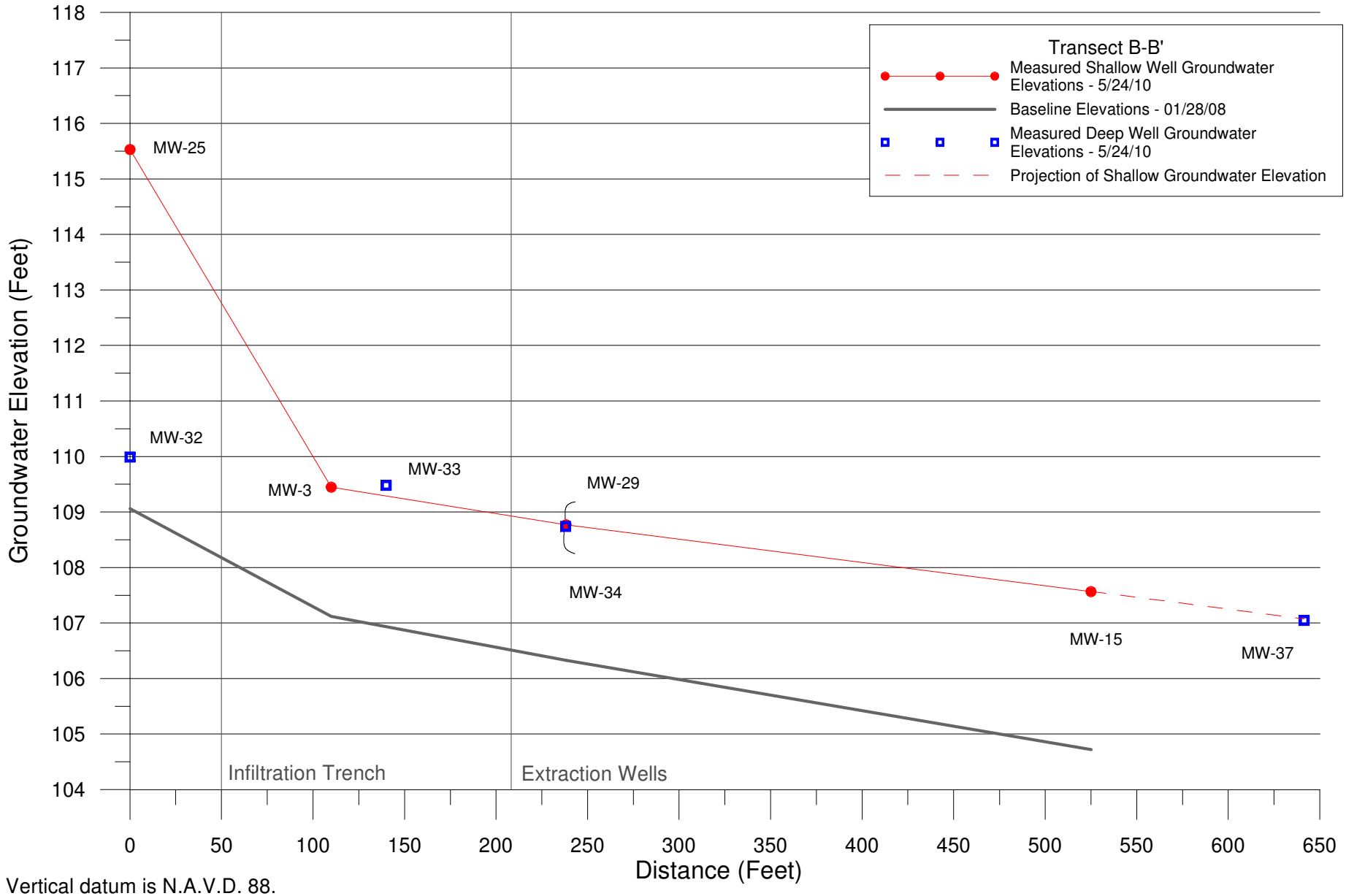
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	APRIL MONITORING EVENT (April 28, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		4/30/10	Figure No. E.54

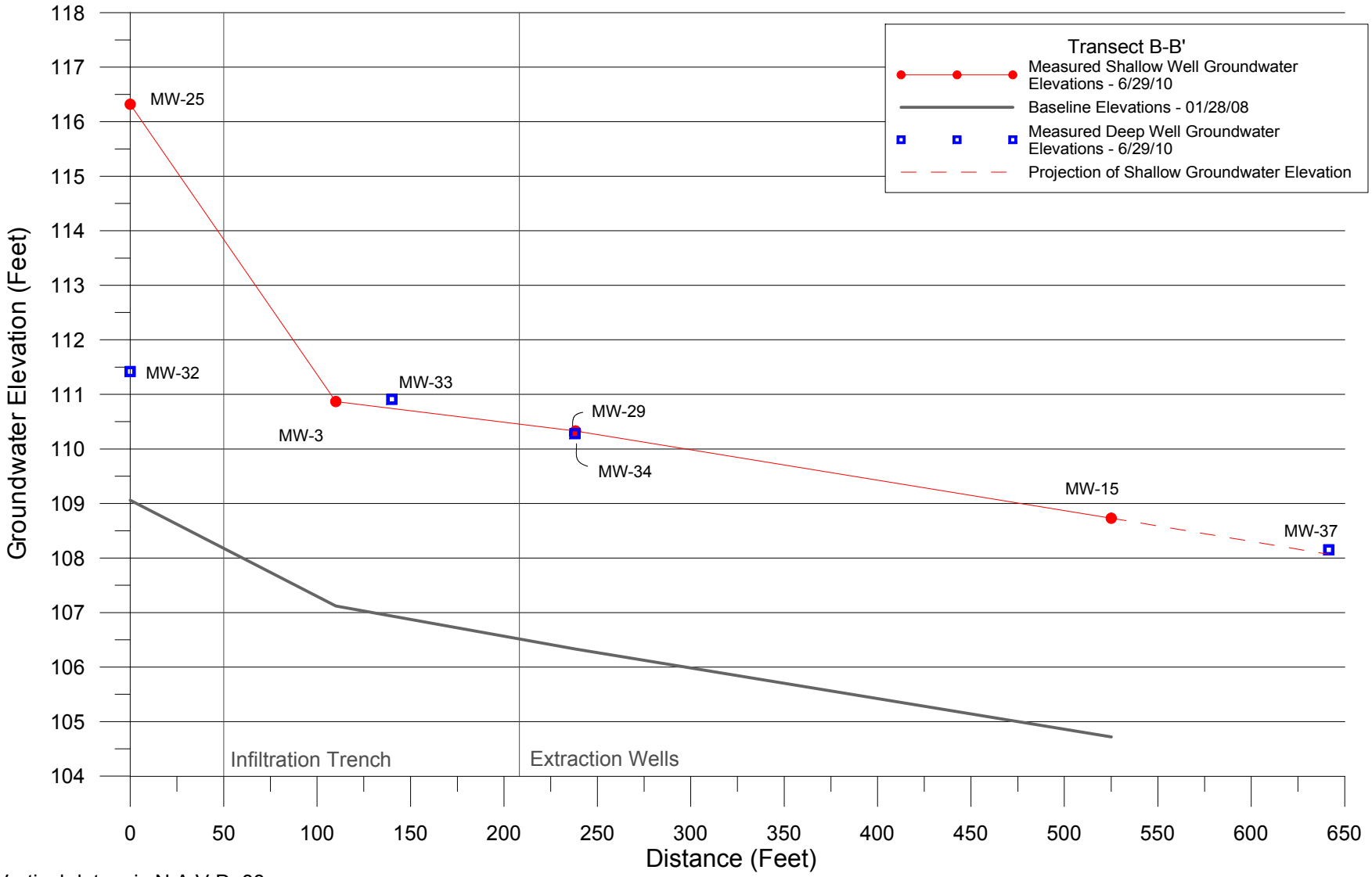
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

AMEC Geomatrix	MAY MONITORING EVENT (May 24, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		6/7/10	Figure No. E.55

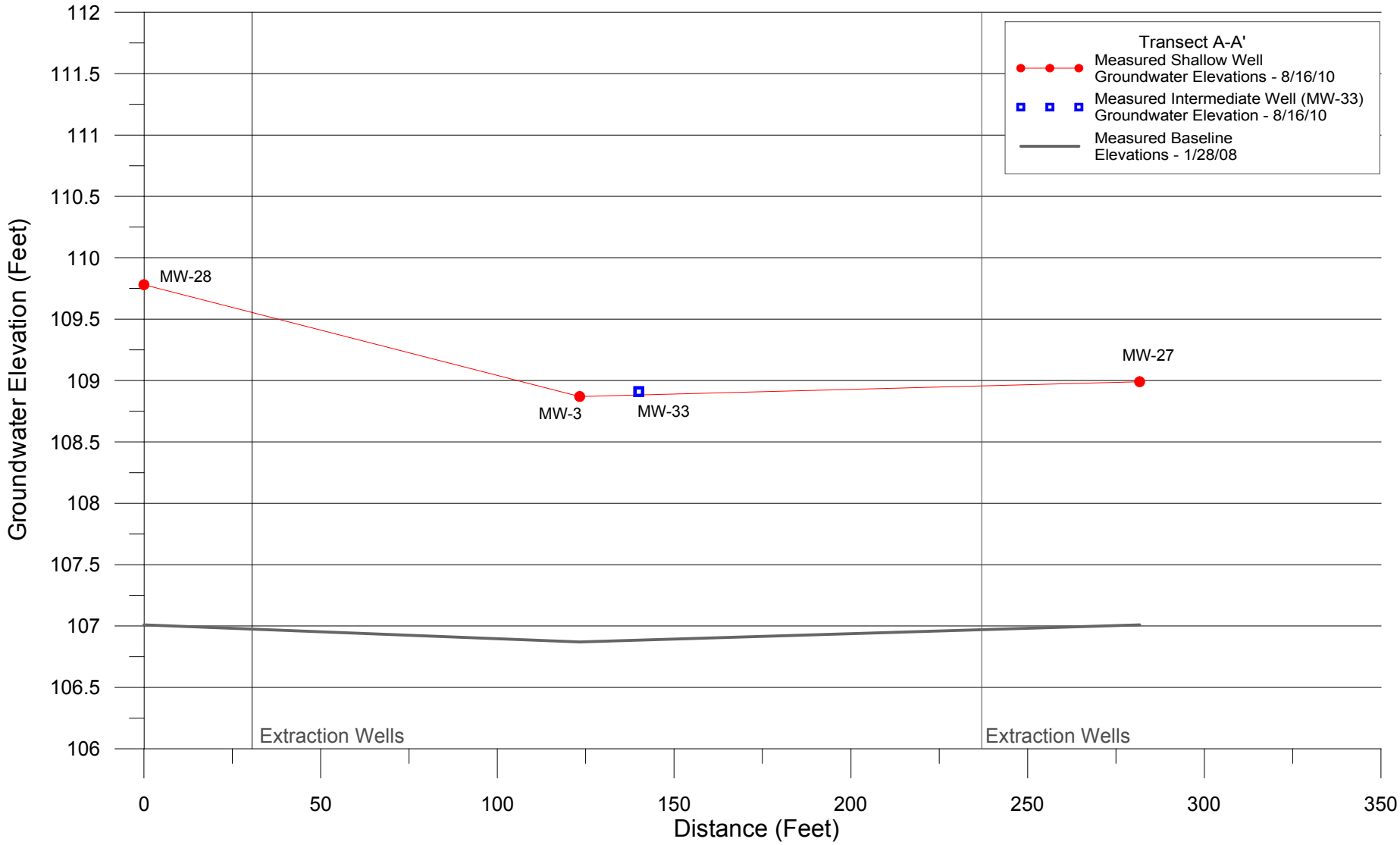
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Note: 1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.
3. Extraction well EW-4 was not in operation during this monitoring event.

AMEC Geomatrix	JUNE MONITORING EVENT (June 29, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: EJE	Project No. 12706
		7/1/10	Figure No. E.56

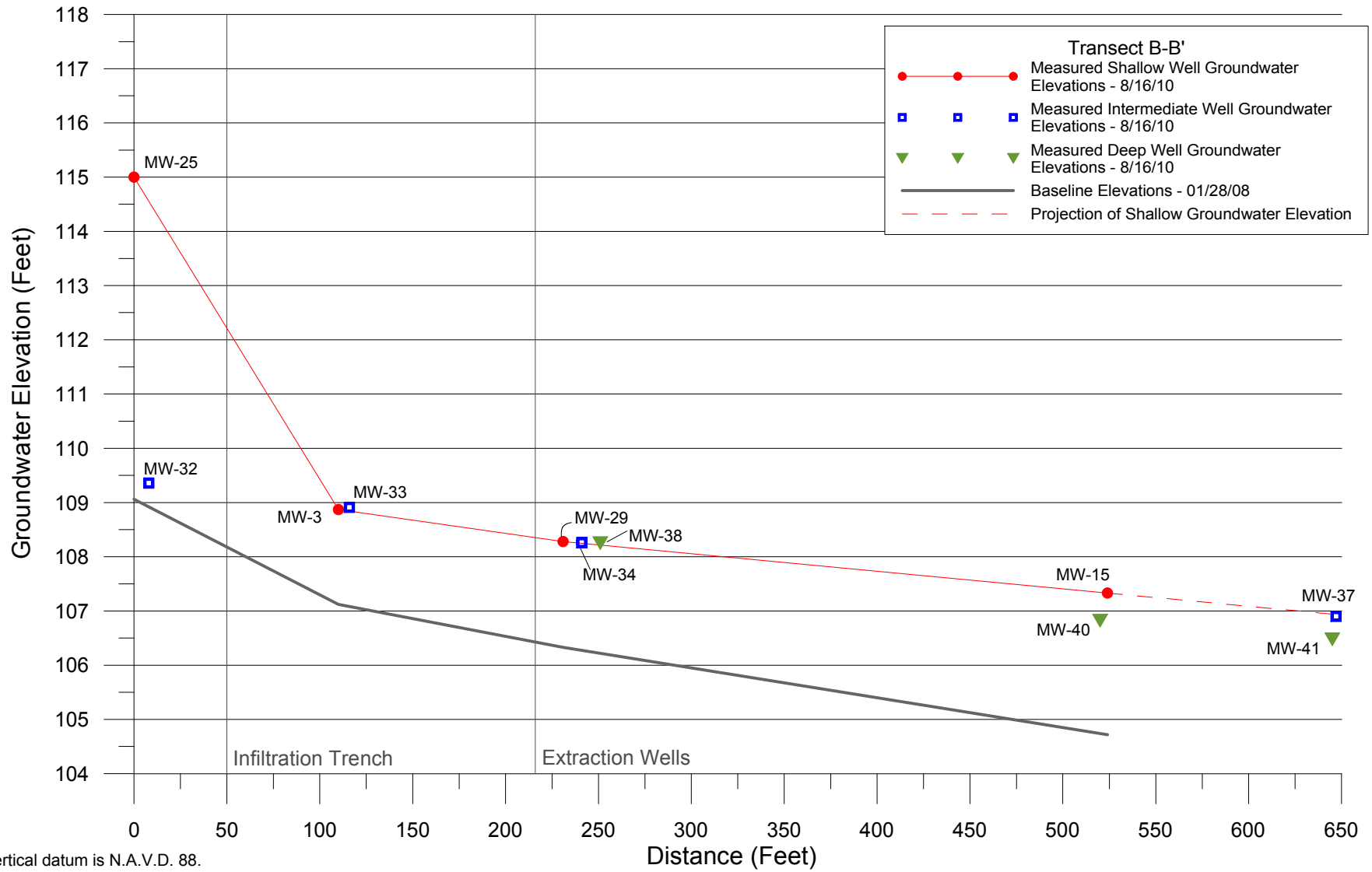
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2010.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Shallow wells are defined as wells with bottom of screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom of screen elevations beween 70 and 90 feet msl.

AMEC Geomatrix	3rd QUARTER MONITORING EVENT (AUGUST 16, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 11/18/10	Project No. 12706 Figure No. E.57

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



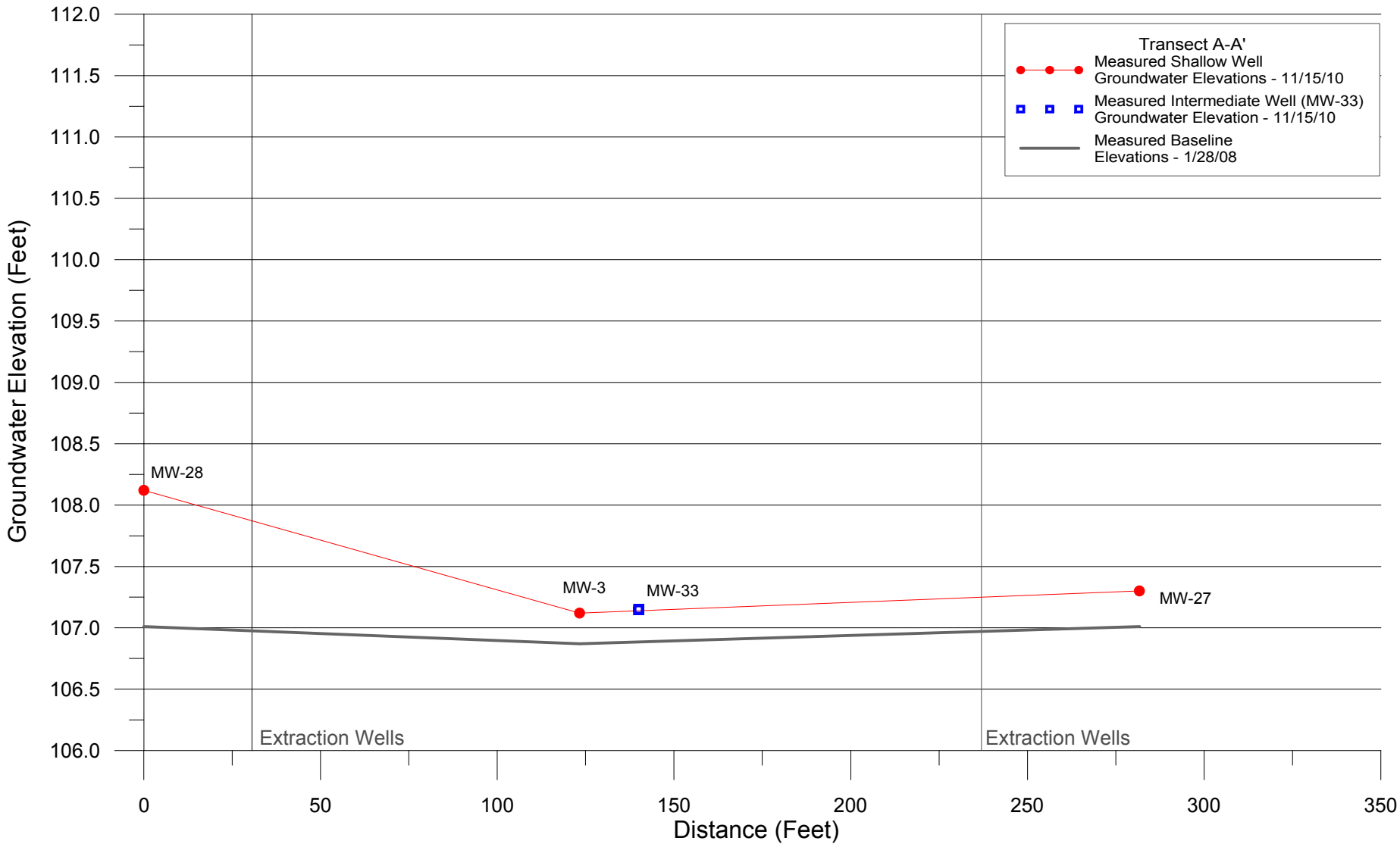
Note: 1. Vertical datum is N.A.V.D. 88.

2. Along transect B-B', well pair groundwater elevations generally coincide, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

3. Shallow wells are defined as wells with bottom of screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom of screen elevations beween 70 and 90 feet msl. Deep wells are defined as wells with bottom of screen elevations below 70 feet msl.

AMEC Geomatrix	3rd QUARTER MONITORING EVENT (August 16, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 11/18/10	Project No. 12706 Figure No. E.58

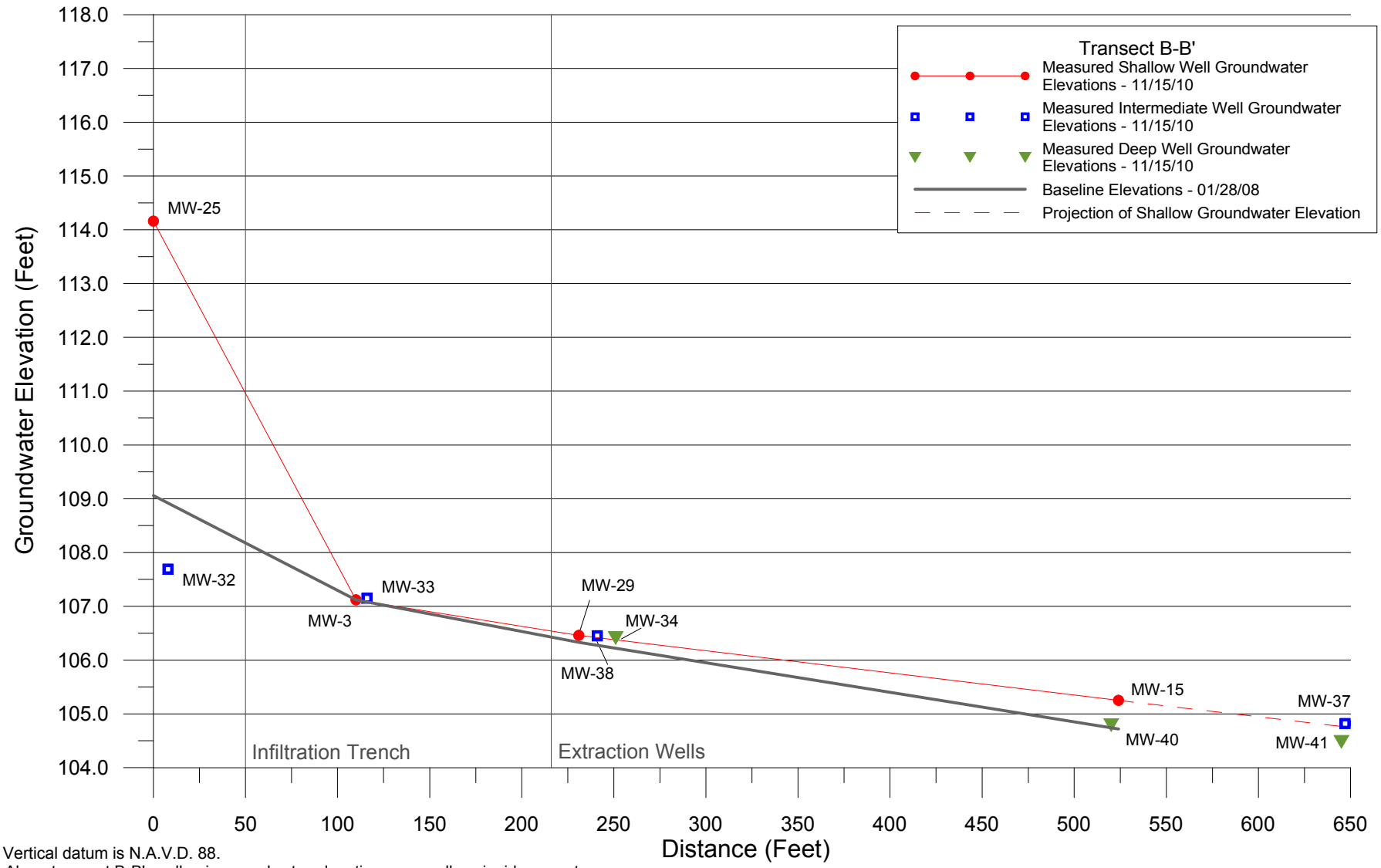
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Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl.

AMEC Geomatrix	FOURTH QUARTER 2010 MONITORING EVENT (NOVEMBER 15, 2010) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 12/1/10	Project No. 12706 Figure No. E.59

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline.grf



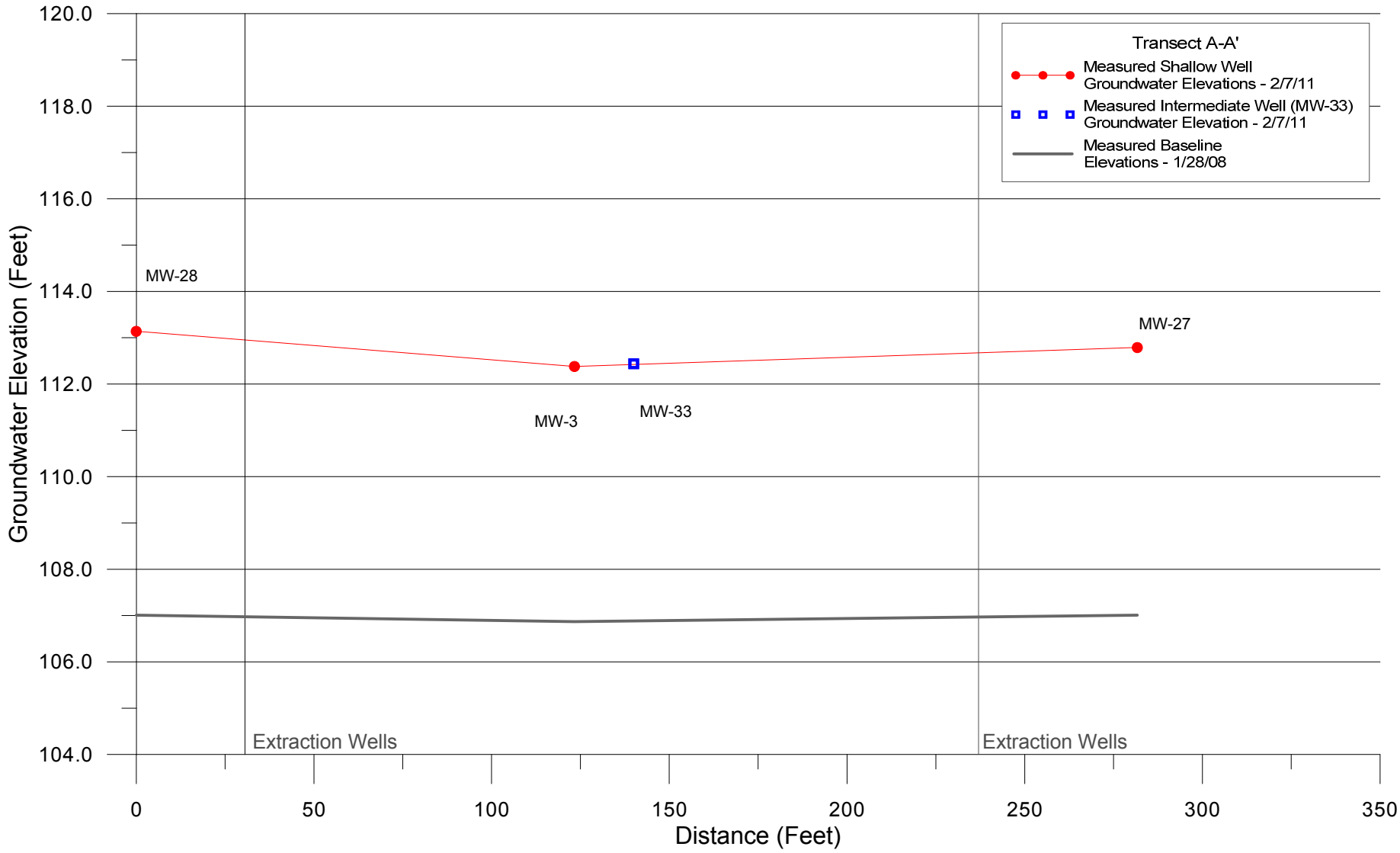
Note: 1. Vertical datum is N.A.V.D. 88.

2. Along transect B-B', well pair groundwater elevations generally coincide except at MW-25/MW-32, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl. Deep wells are defined as wells with bottom-of-screen elevations below 70 feet msl.

AMEC Geomatrix	FOURTH QUARTER 2010 MONITORING EVENT (November 15, 2010) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		12/1/10	Figure No. E.60

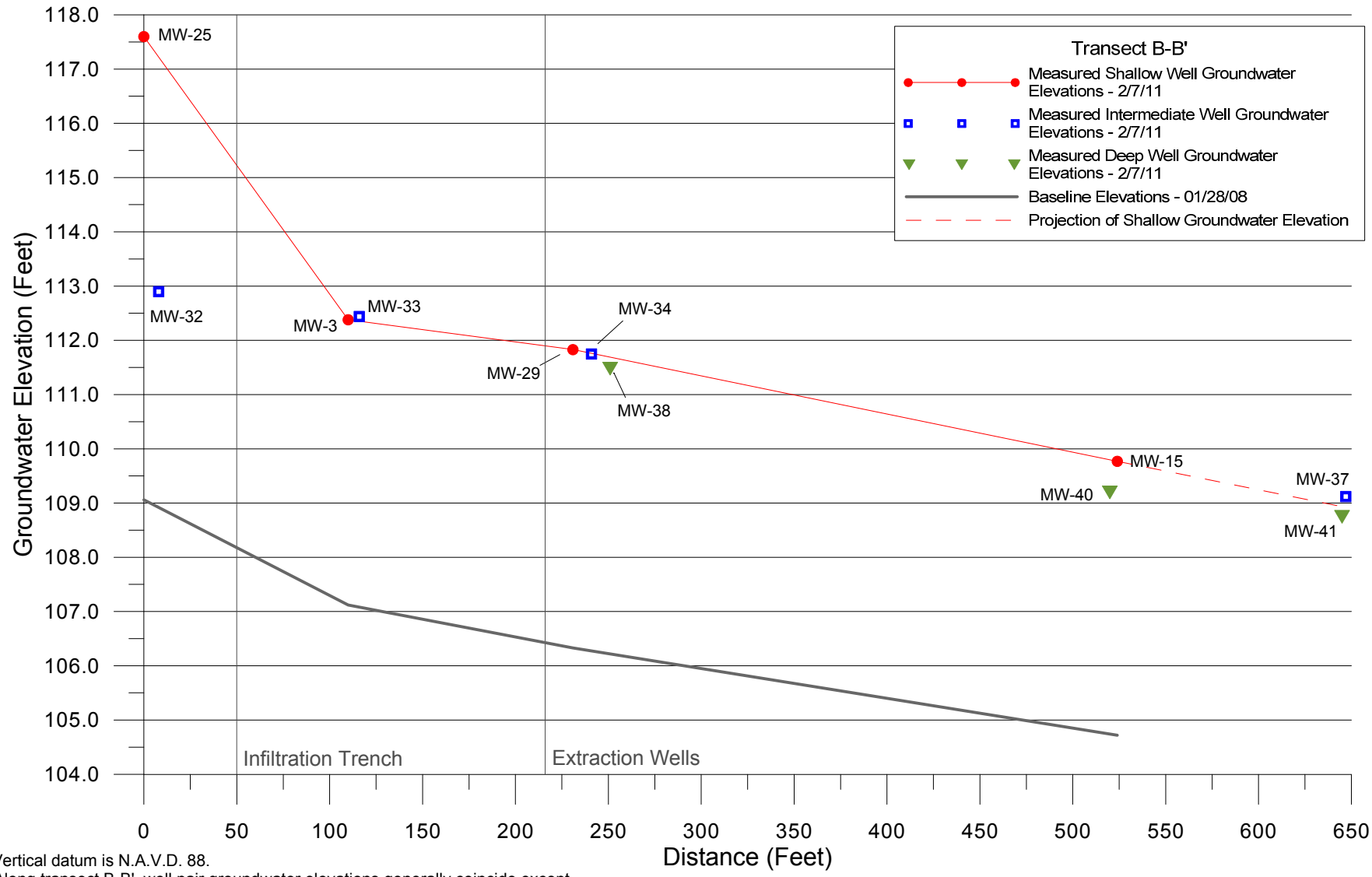
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2011.grf



Note: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl.

AMEC Geomatrix	FIRST QUARTER 2011 MONITORING EVENT (FEBRUARY 7, 2011) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 3/2/11	Project No. 12706 Figure No. E.61

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline_2011.grf



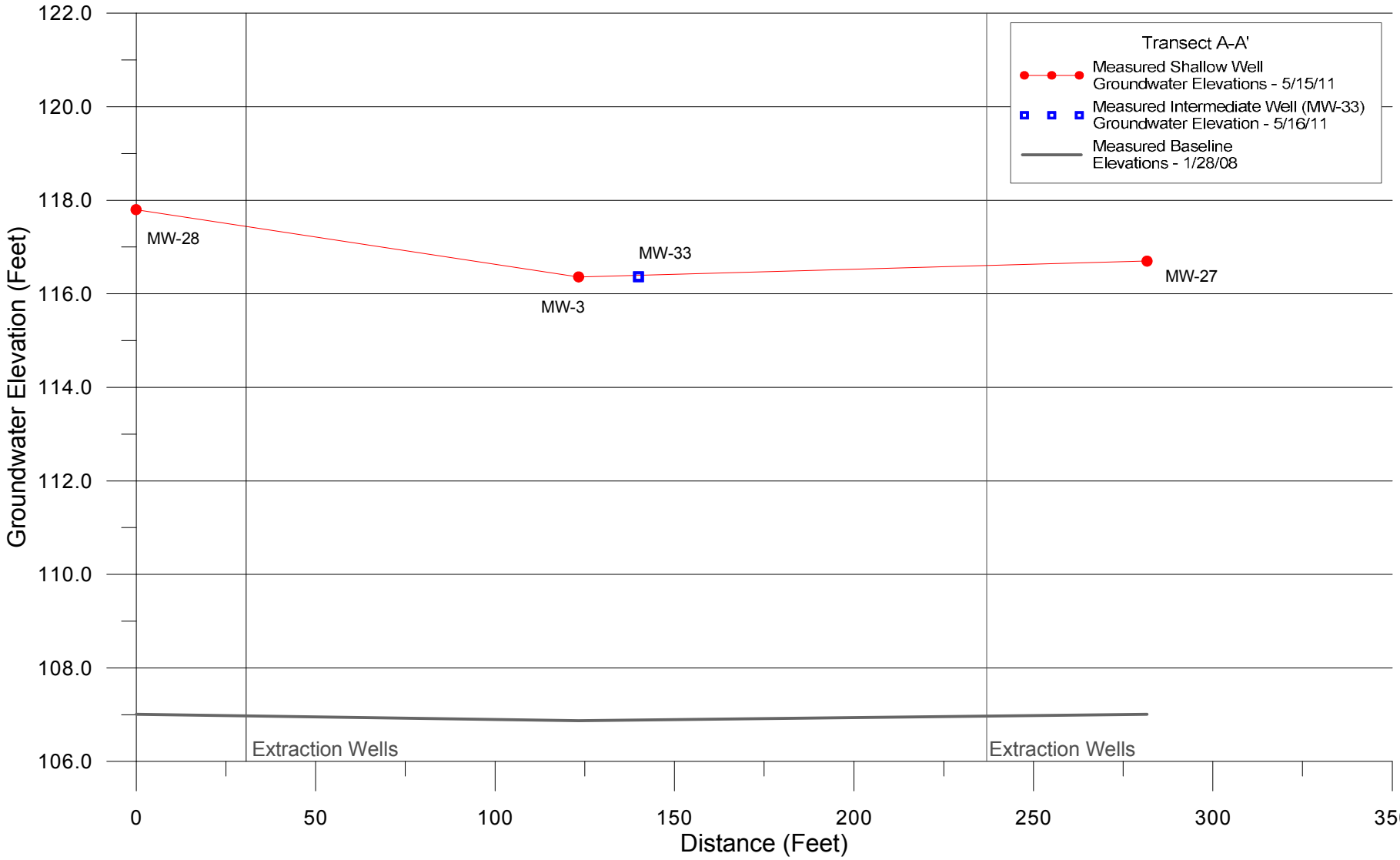
Note: 1. Vertical datum is N.A.V.D. 88.

2. Along transect B-B', well pair groundwater elevations generally coincide except at MW-25/MW-32, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.

3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl. Deep wells are defined as wells with bottom-of-screen elevations below 70 feet msl.

AMEC Geomatrix	FIRST QUARTER 2011 MONITORING EVENT (February 7, 2011) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW	Project No. 12706
		3/2/11	Figure No. E.62

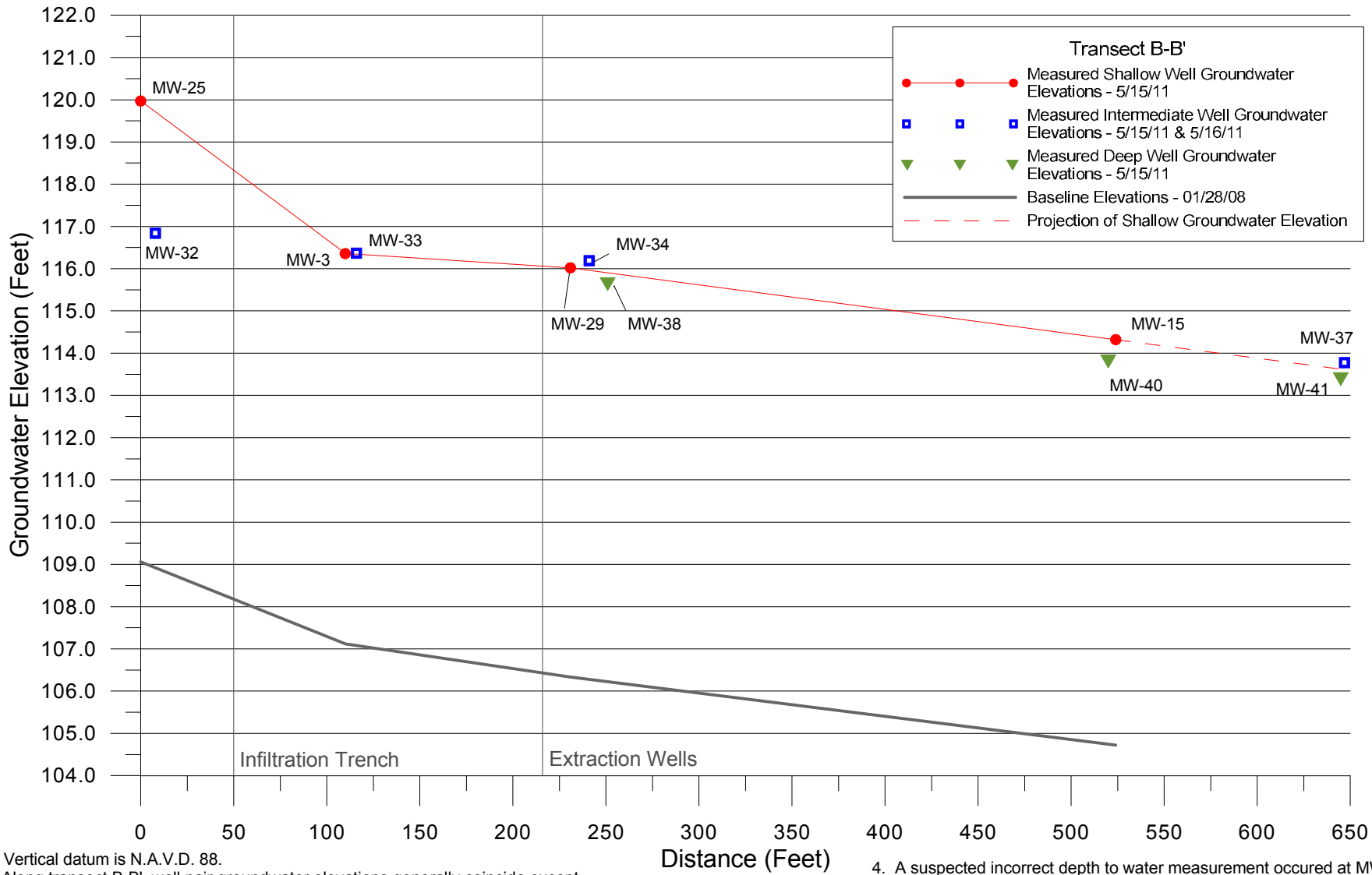
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2011.grf



Notes: 1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl.

amec	SECOND QUARTER 2011 MONITORING EVENT (MAY 2011) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 7/20/11	Project No. 12706 Figure No. x4

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline_2011.grf



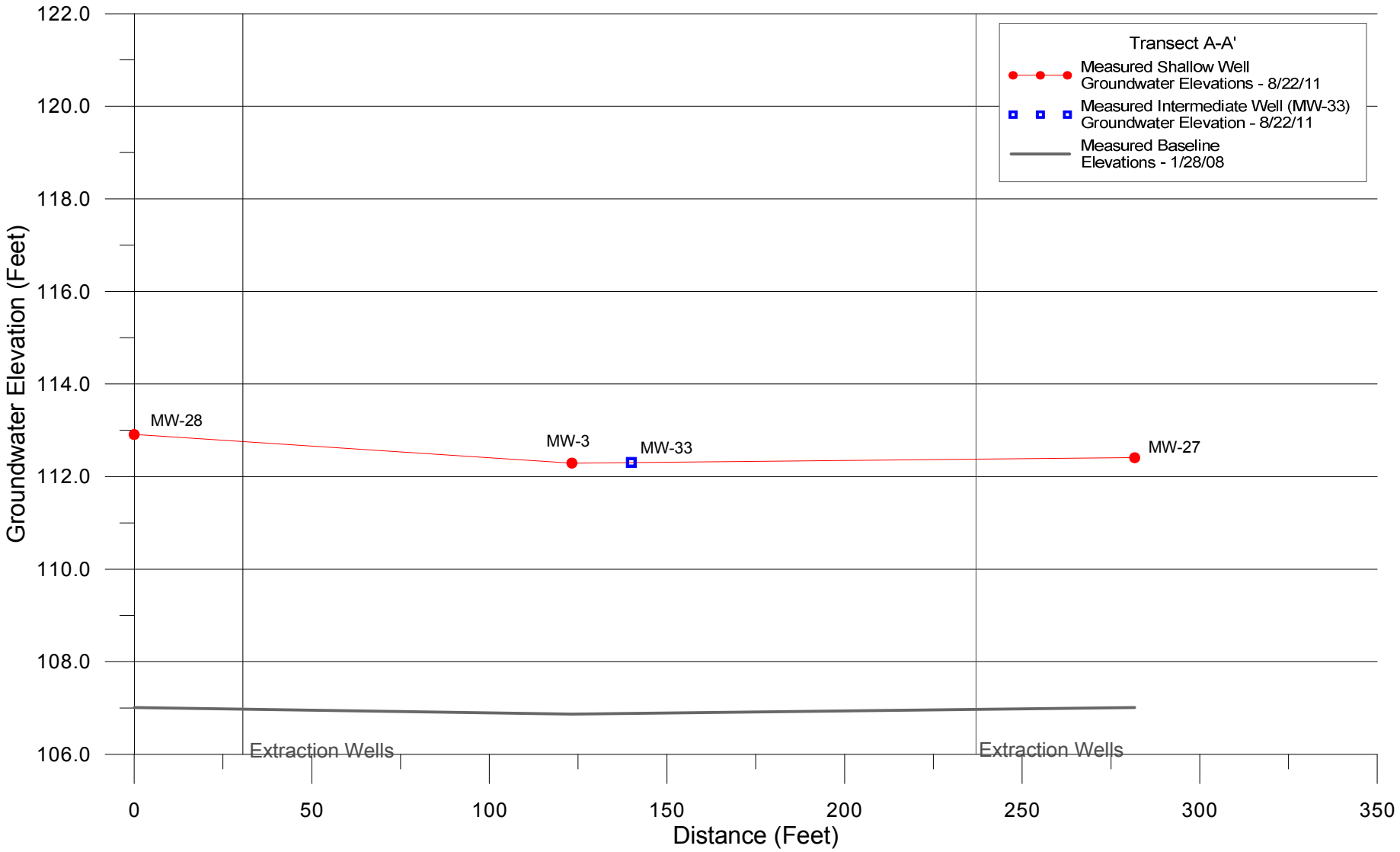
Notes:
1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide except at MW-25/MW-32, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl. Deep wells are defined as wells with bottom-of-screen elevations below 70 feet msl.
4. A suspected incorrect depth to water measurement occured at MW-15. Therefore, the groundwater elevation at MW-15 was estimated by calculating the average elevation difference between MW-15 and MW-40 for the 3rd Quarter 2010 through the 1st Quarter 2011 and adding this difference to the 2nd Quarter 2011 groundwater elevation measured at MW-40.

amec

SECOND QUARTER 2011 MONITORING EVENT (MAY 2011)
GROUNDWATER ELEVATION CROSS-SECTION B-B'
Former J.H. Baxter and Co. Wood Treating Facility
Arlington, Washington

Prepared By: RLW	Project No. 12706
7/20/11	Figure No. 5

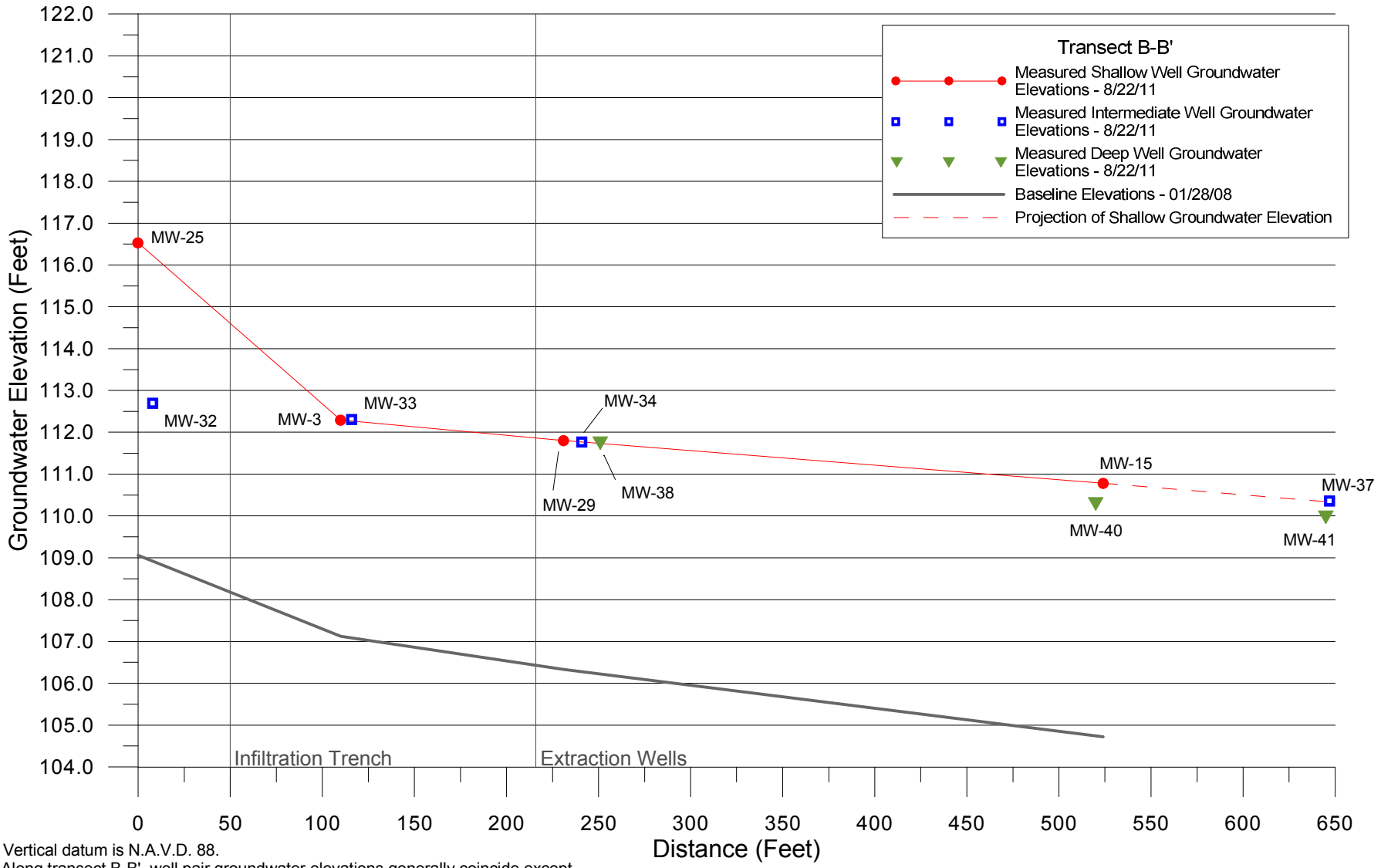
P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_AA_12808_Baseline_2011.grf



Notes:
1. Vertical datum is N.A.V.D 88.
2. Along transect A-A', well pair groundwater elevations generally coincide, indicating minimal vertical gradient in the vicinity of MW-3 and MW-33.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl.

amec	THIRD QUARTER 2011 MONITORING EVENT (AUGUST 2011) GROUNDWATER ELEVATION CROSS-SECTION A-A' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 10/3/11	Project No. 12706 Figure No. E.65

P:\12706 - JH Baxter Arlington\7000 Remediation\Performance Monitoring\Groundwater Cross Sections\GW_CrossSec_BB_12808_Baseline_2011.grf



Notes:
1. Vertical datum is N.A.V.D. 88.
2. Along transect B-B', well pair groundwater elevations generally coincide except at MW-25/MW-32, indicating minimal vertical gradient. A silt layer is present at ~20 feet below ground surface in the vicinity of MW-25 and MW-32, which could account for the larger head differences observed at this well pair.
3. Shallow wells are defined as wells with bottom-of-screen elevations above 90 feet mean sea level (msl). Intermediate wells are defined as wells with bottom-of-screen elevations beween 70 and 90 feet msl. Deep wells are defined as wells with bottom-of-screen elevations below 70 feet msl.

amec	THIRD QUARTER 2011 MONITORING EVENT (AUGUST 2011) GROUNDWATER ELEVATION CROSS-SECTION B-B' Former J.H. Baxter and Co. Wood Treating Facility Arlington, Washington	Prepared By: RLW 10/3/11	Project No. 12706 Figure No. E.66

Appendix F

Pre-SI and SI Boring Logs and Well Construction Details

Key to Hart Crowser Exploration Logs

Sample Description

Classification of soils in this report is based on visual field and laboratory observations which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field nor laboratory testing unless presented herein. Visual-manual classification methods of ASTM D 2488 were used as an identification guide.

Soil descriptions consist of the following:
Density/consistency, moisture, color, minor constituents, MAJOR CONSTITUENT, additional remarks.

Density/Consistency

Soil density/consistency in borings is related primarily to the Standard Penetration Resistance.
Soil density/consistency in test pits is estimated based on visual observation and is presented parenthetically on the test pit logs.

SAND or GRAVEL Density	Standard Penetration Resistance (N) in Blows/Foot	SILT or CLAY Consistency	Standard Penetration Resistance (N) in Blows/Foot	Approximate Shear Strength in TSF
Very loose	0 - 4	Very soft	0 - 2	<0.125
Loose	4 - 10	Soft	2 - 4	0.125 - 0.25
Medium dense	10 - 30	Medium stiff	4 - 8	0.25 - 0.5
Dense	30 - 50	Stiff	8 - 15	0.5 - 1.0
Very dense	>50	Very stiff	15 - 30	1.0 - 2.0
		Hard	>30	>2.0

Moisture

Dry	Little perceptible moisture
Damp	Some perceptible moisture, probably below optimum
Moist	Probably near optimum moisture content
Wet	Much perceptible moisture, probably above optimum

Minor Constituents

	Estimated Percentage
Not identified in description	0 - 5
Slightly (clayey, silty, etc.)	5 - 12
Clayey, silty, sandy, gravelly	12 - 30
Very (clayey, silty, etc.)	30 - 50

Legends

Sampling Test Symbols

BORING SAMPLES

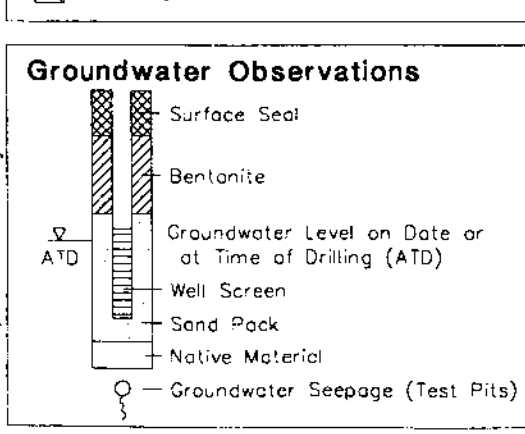
- Split Spoon
- Shelby Tube
- Cuttings
- Core Run
- * No Sample Recovery
- P Tube Pushed, Not Driven

TEST PIT SAMPLES

- Grab (Jar)
- Bag
- Shelby Tube

Test Symbols

GS	Grain Size Classification
CN	Consolidation
UU	Unconsolidated Undrained Triaxial
CU	Consolidated Undrained Triaxial
CD	Consolidated Drained Triaxial
QU	Unconfined Compression
DS	Direct Shear
K	Permeability
PP	Pocket Penetrometer Approximate Compressive Strength in TSF
TV	Torvane Approximate Shear Strength in TSF
CBR	California Bearing Ratio
MD	Moisture Density Relationship
AL	Atterberg Limits
PID	Photoionization Detector Reading
CA	Chemical Analysis
DT	In Situ Density Test



Groundwater Observations

7026-04/A-1 STANDARD.dwg

HARTCROWSER

J-7026-04 6/01

Figure A-1

Project: Baxter Arlington Arlington, Washington	Log of Boring No. B-1		
Date Started: 8/24/90	Total Depth: 50 ft.	Casing Elev: N/A ft.	Depth to GW: N/A ft.
Date Completed: 8/24/90	Perforation: N/A		From: To: ft
Logged By: D. Walker	Pack: N/A		From: To: ft
Drilling Co: Soil Sampling Service Driller: Ketvirtis	Seal: N/A		From: To: ft
Drilling Method : 6" ID Hollow Stem Auger	Bentonite Slurry		From: surf. To: 50.0 ft
Drilling Equipment: Mobile Drill B-61	Casing: N/A Sampler: 3" OD Split-Spoon		

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
			loose, moist, brown silty gravel (GM), abundant wood chips	GM		
		2 4 4				OVA = 10 ppm
5						
		3 3 3	100% wood chips at 9.0 ft.			OVA = 1 ppm
10						
		6 16 19 18	dense, moist, gray sandy gravel (GP)	GP		OVA = 28 ppm
15						
		5 10 13	medium dense			OVA = 7 ppm
20						
		4 8 13	medium dense, moist, gray fine sand (SP/SM)	SP-SM		OVA = 0 ppm
25						
		4 8 9	finer-grained, wet			OVA = 0 ppm

Project: Baxter Arlington
Arlington, Washington

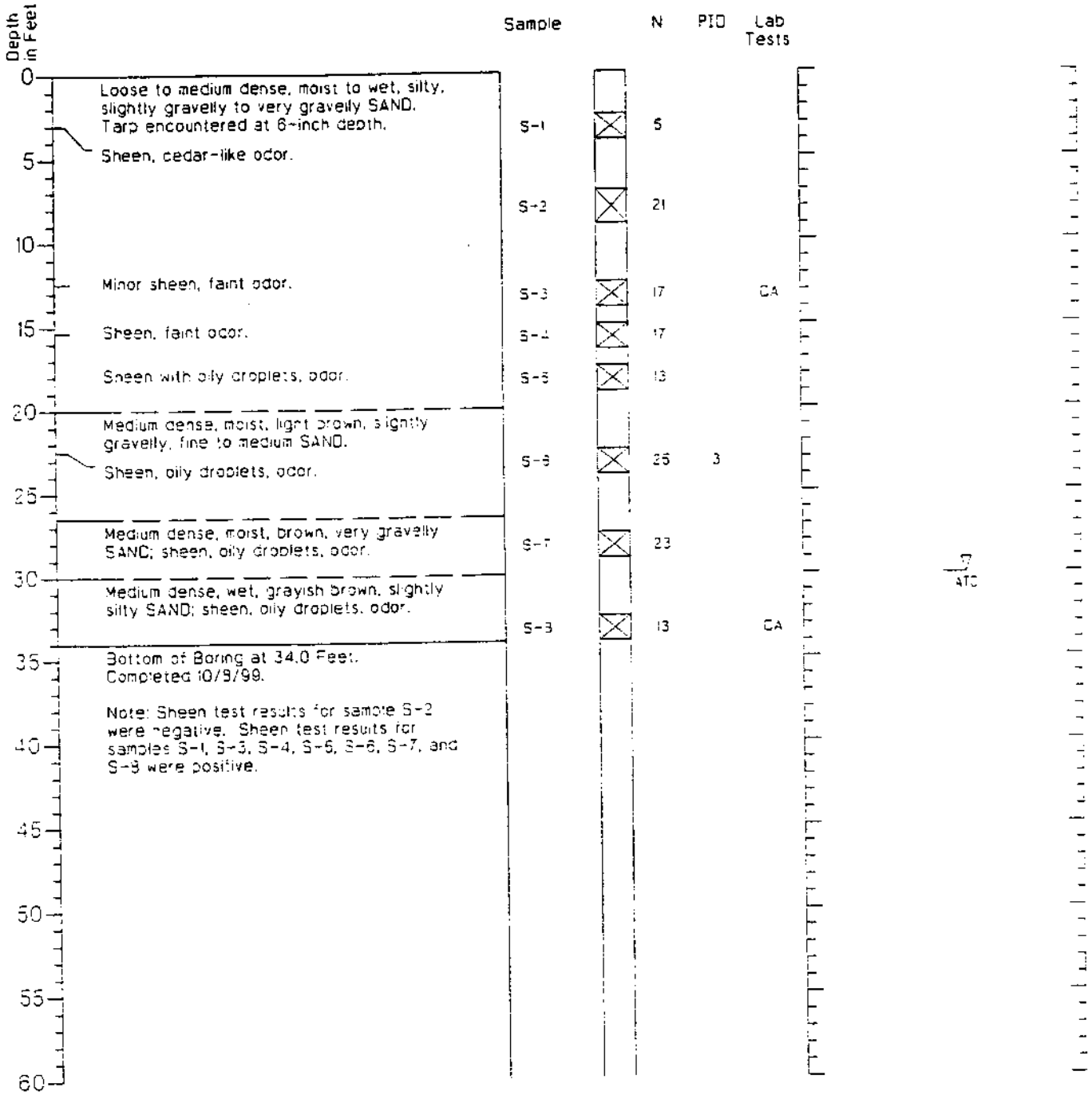
Log of Boring No. B-1

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
30						
		8 9 12	trace of gravel, saturated	SP-SM		OVA = 0 ppm
35						
		7 8 10				OVA = 4 ppm
40						
		7 12 14	fine to medium; seam of silty sand at 44 ft.	SP-SM		OVA = 3 ppm
45						
		16 18 18				OVA = 2 ppm
50			Bottom of boring at 50 feet.			
55						

Boring Log BT-S

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

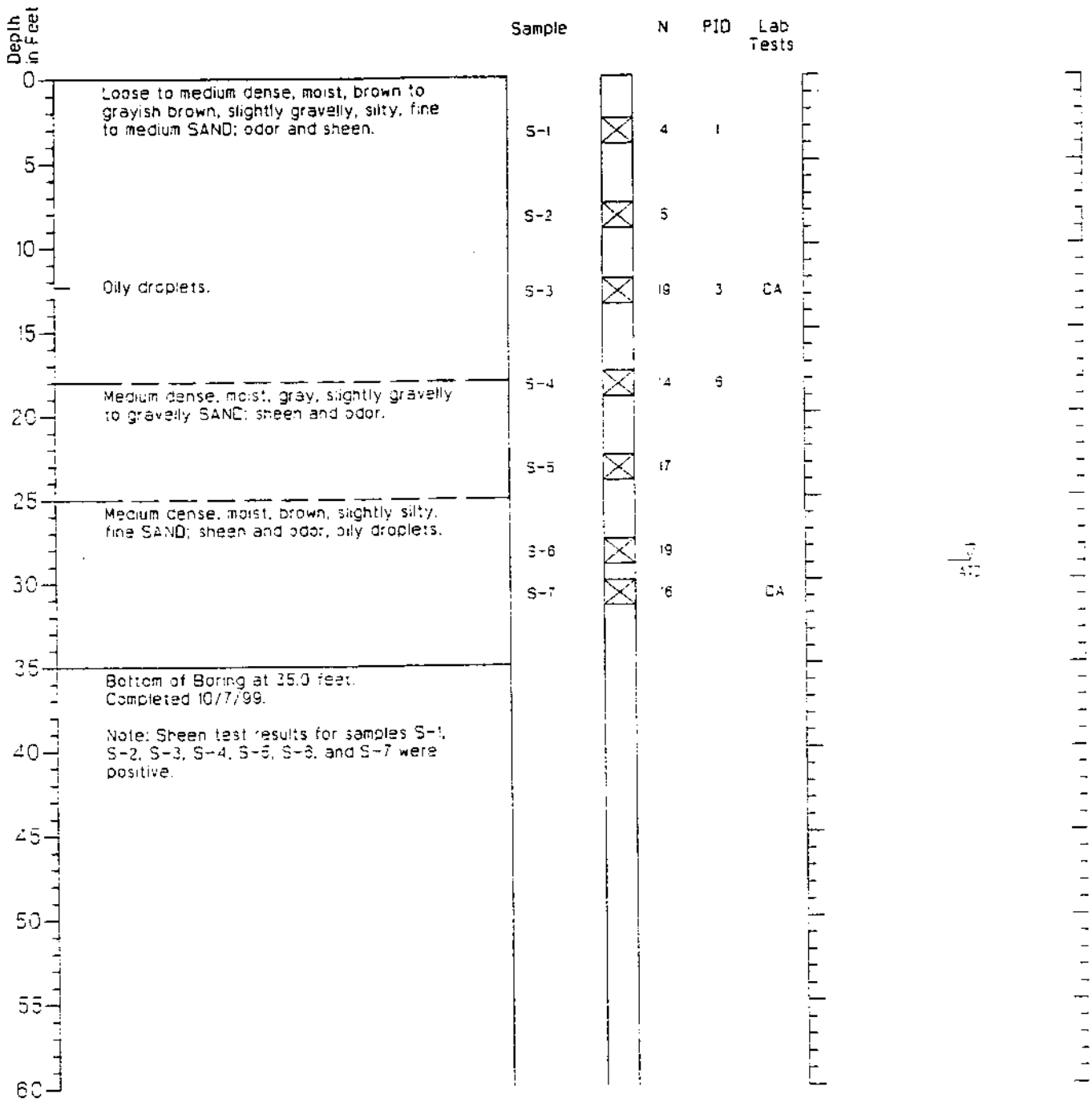
J-7026-02 10/99

Figure A-12

Boring Log BT-W

Geologic Log

Backfilled Boring



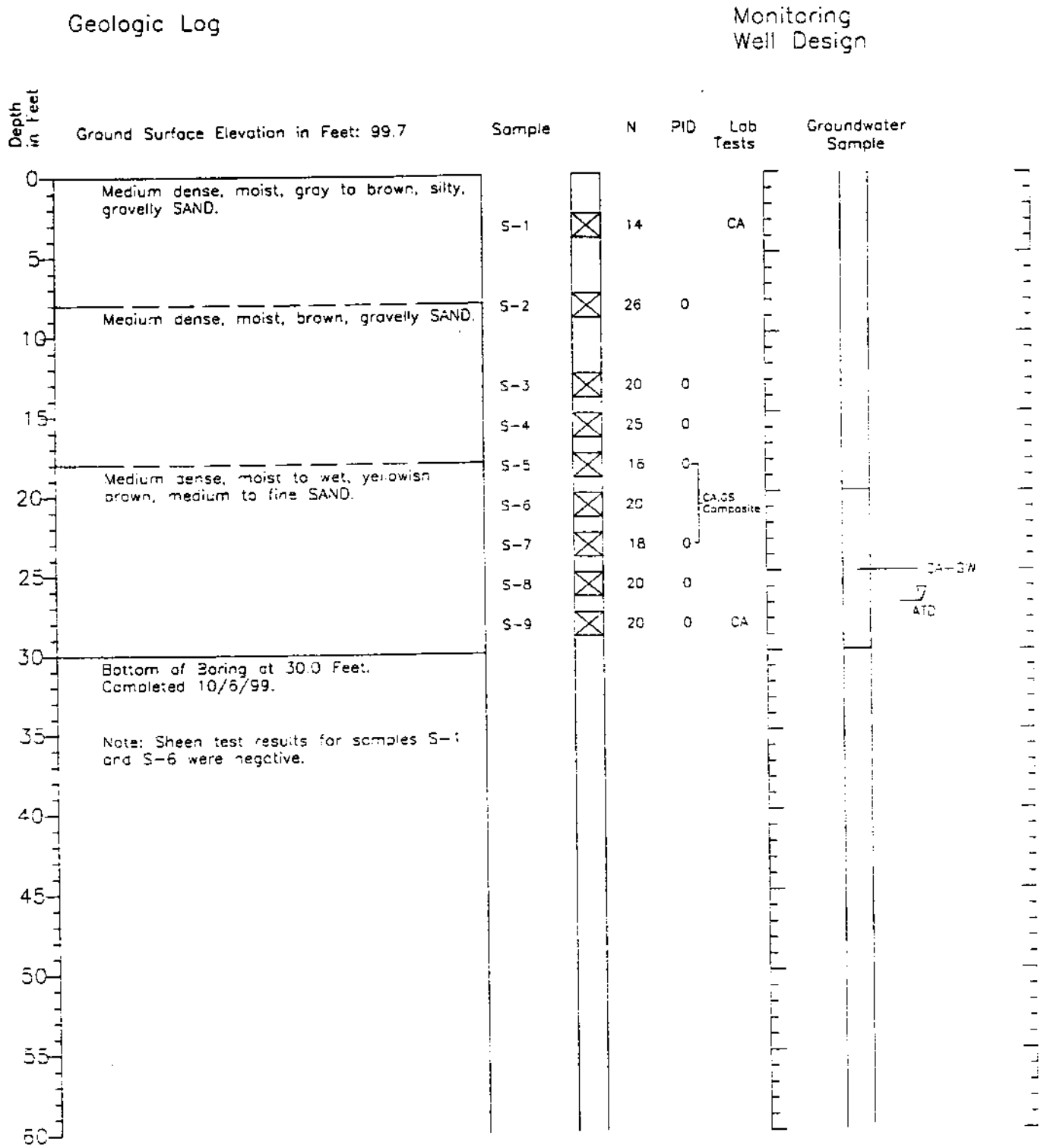
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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Figure A-13

Boring Log SB-2



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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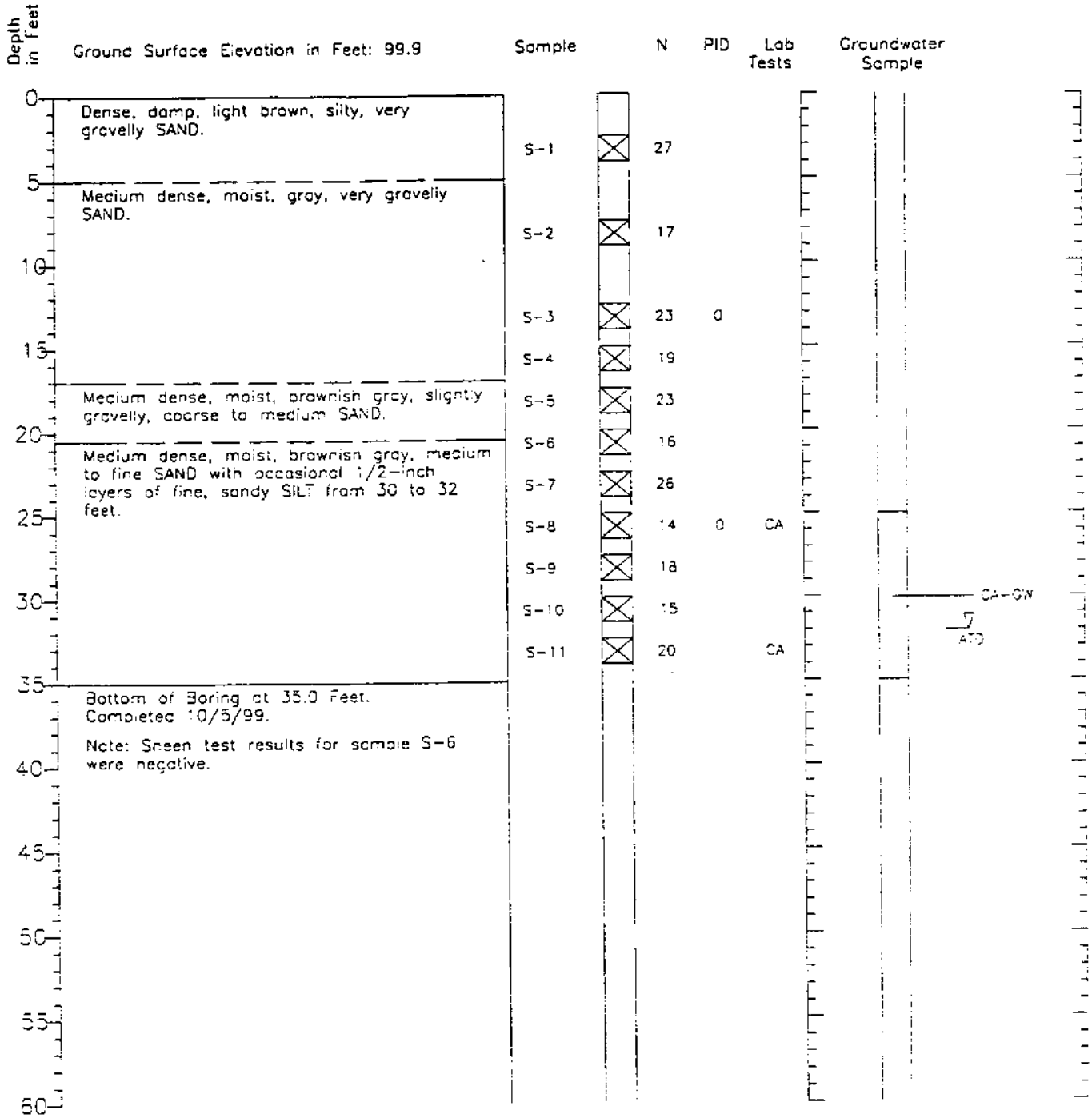
Figure A-2

HCM 2/4/00 1:1
702602 Logs wasica

Boring Log SB-3

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

J-7026-02 2/00

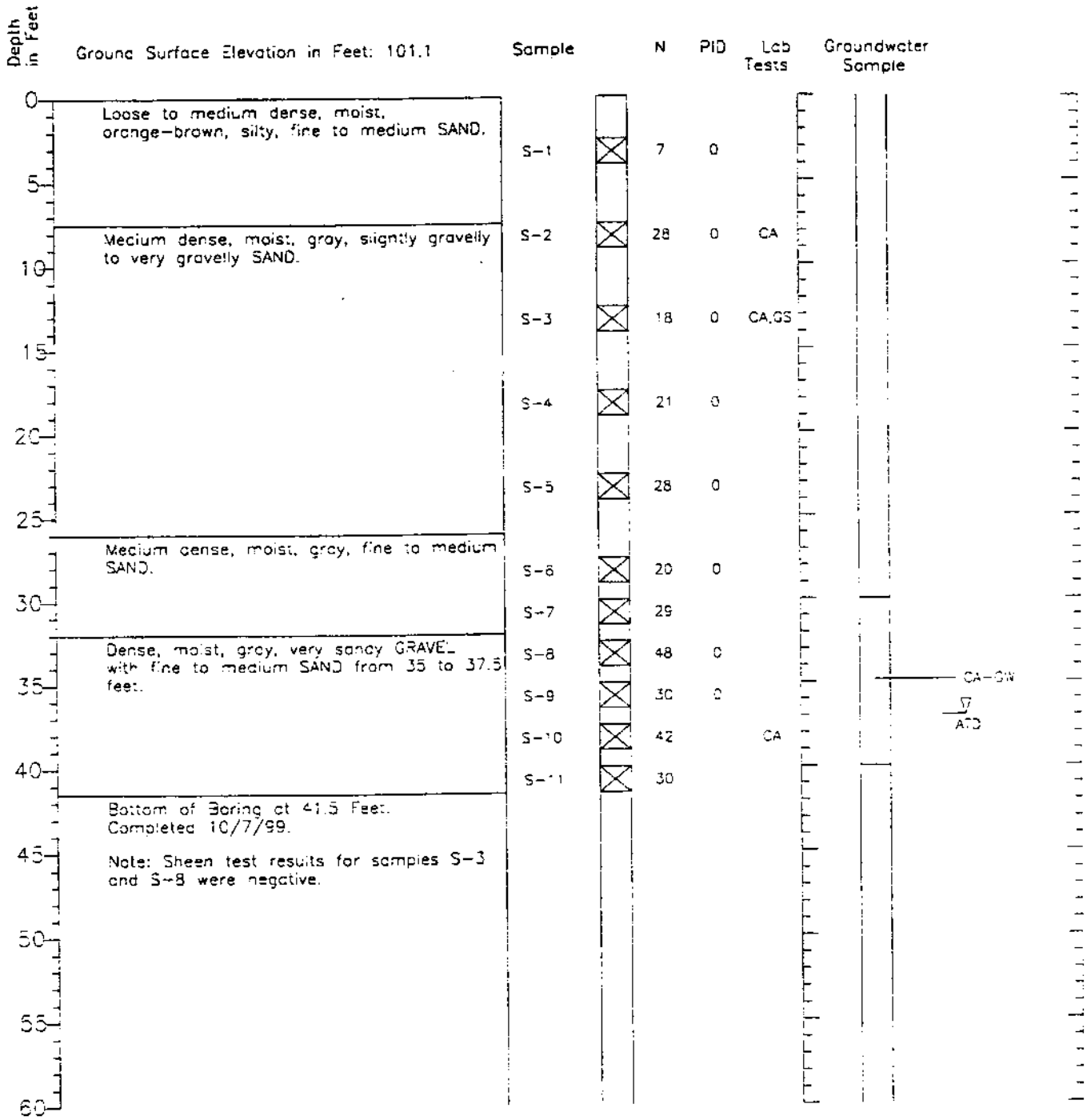
Figure A-3

NEM 2/4/00 1=1
J:\7026\2 Logs wo\sb3

Boring Log SB-4

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

J-7026-02 2/00

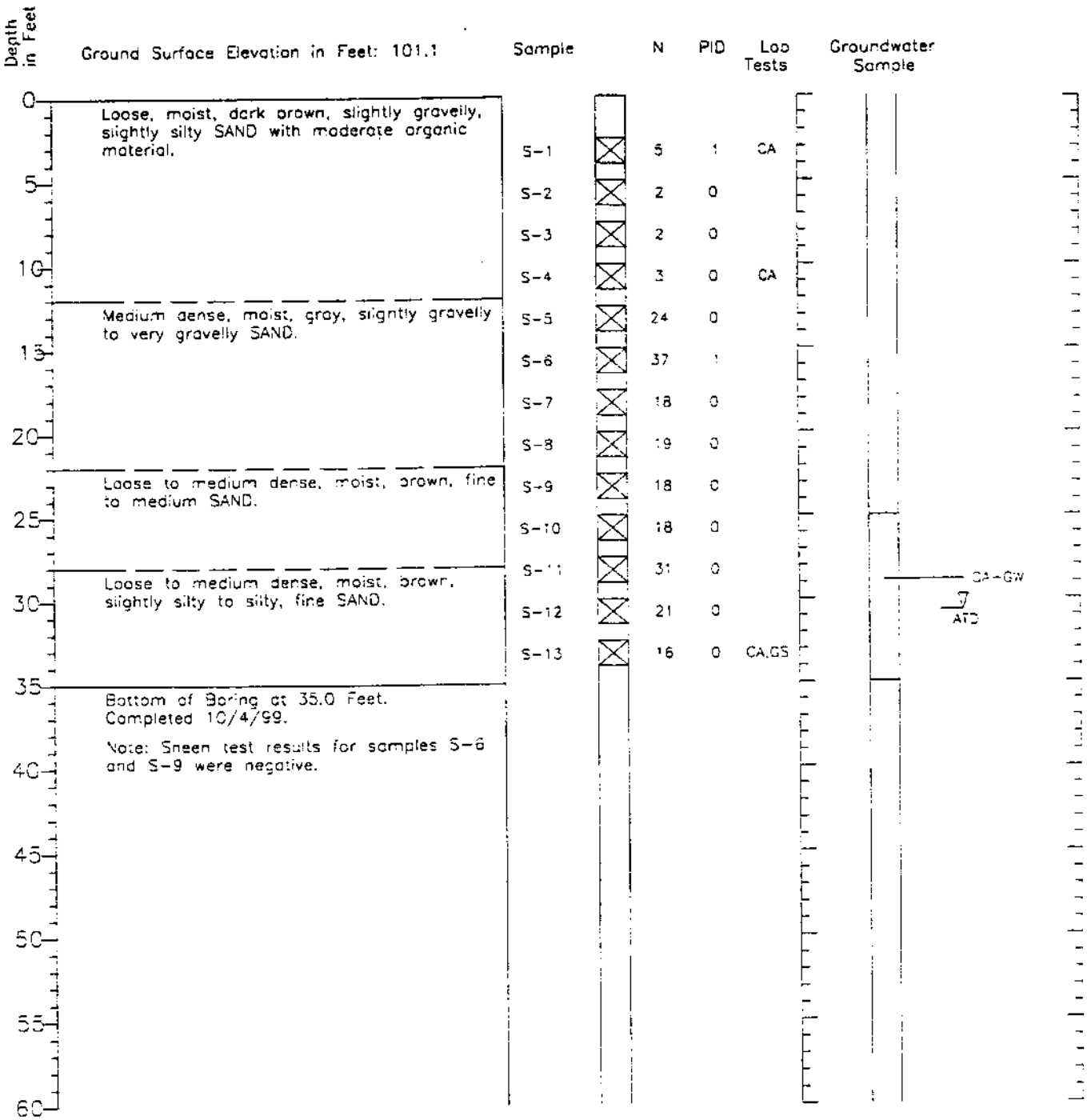
Figure A-4

Hal 2/4/00 1:1 7026G2 Logs wastick

Boring Log SB-5

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

J-7026-02 2/00

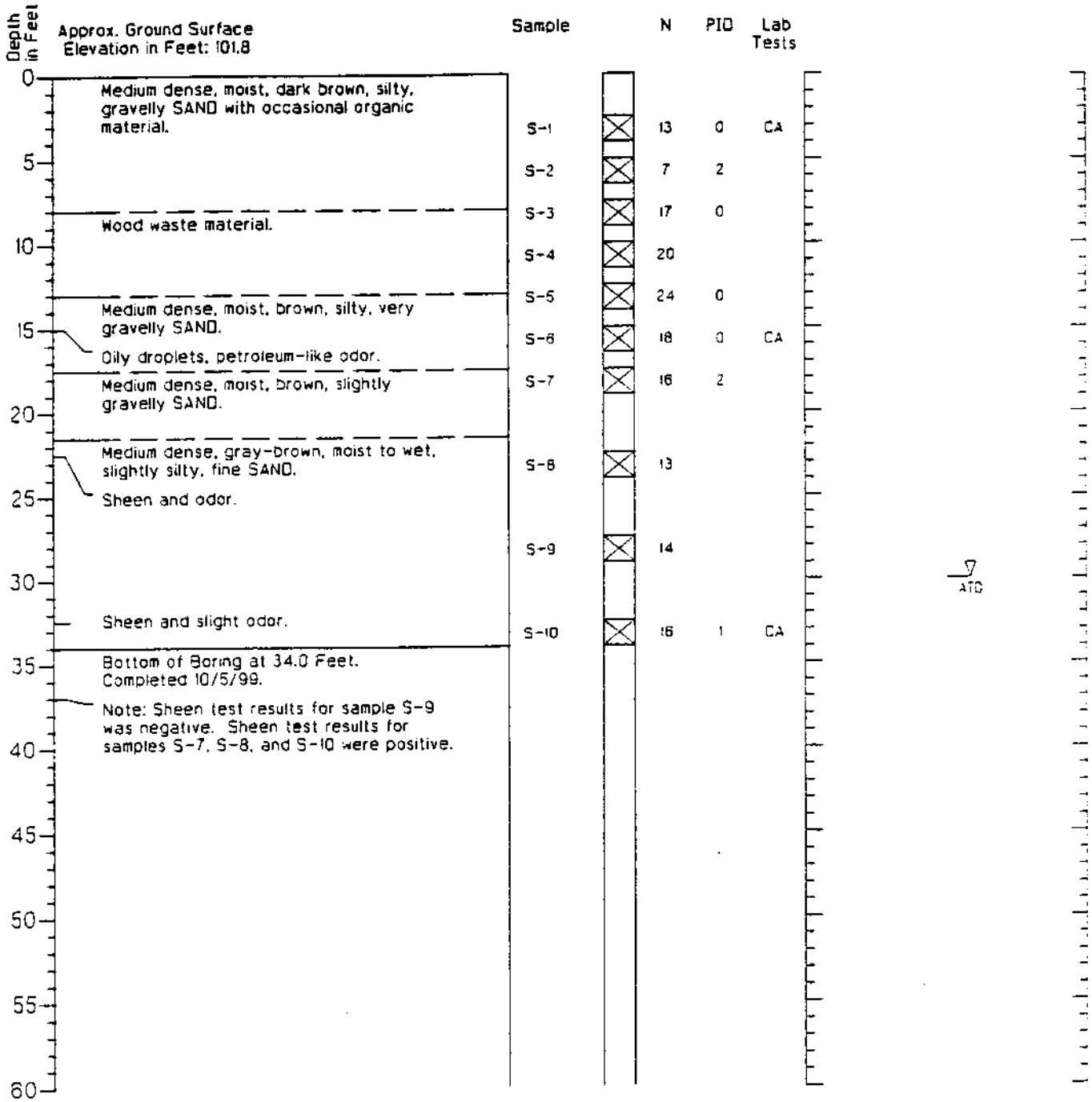
Figure A-5

NEW 2/4/00 1:1
7026G2 Logs wdstick

Boring Log SB-6

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

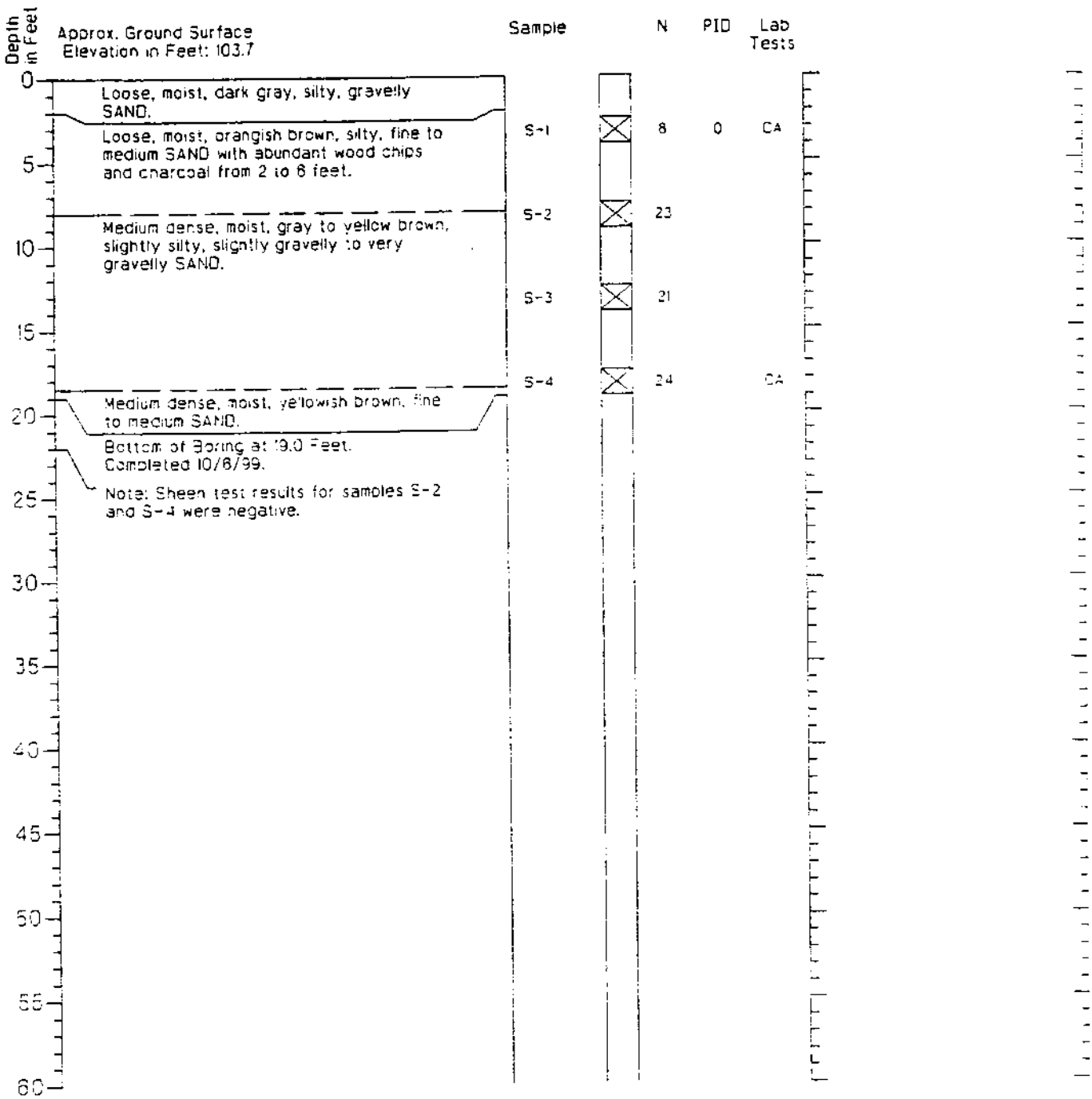
J-7026-02 10/99

Figure A-6

Boring Log SB-7

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

HARTCROWSER

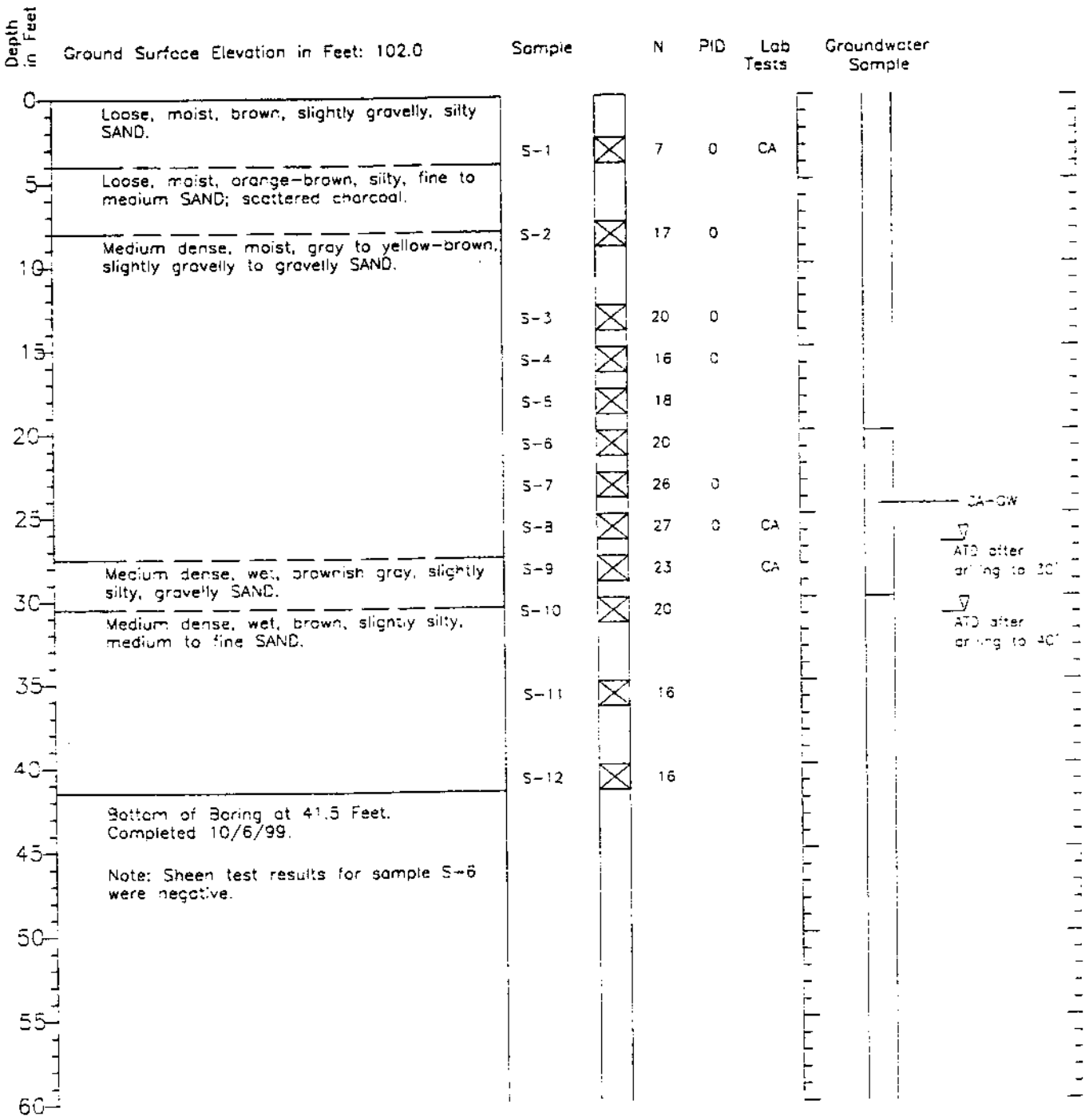
J-7026-02 10/99

Figure A-7

Boring Log SB-8

Geologic Log

Backfilled Boring



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

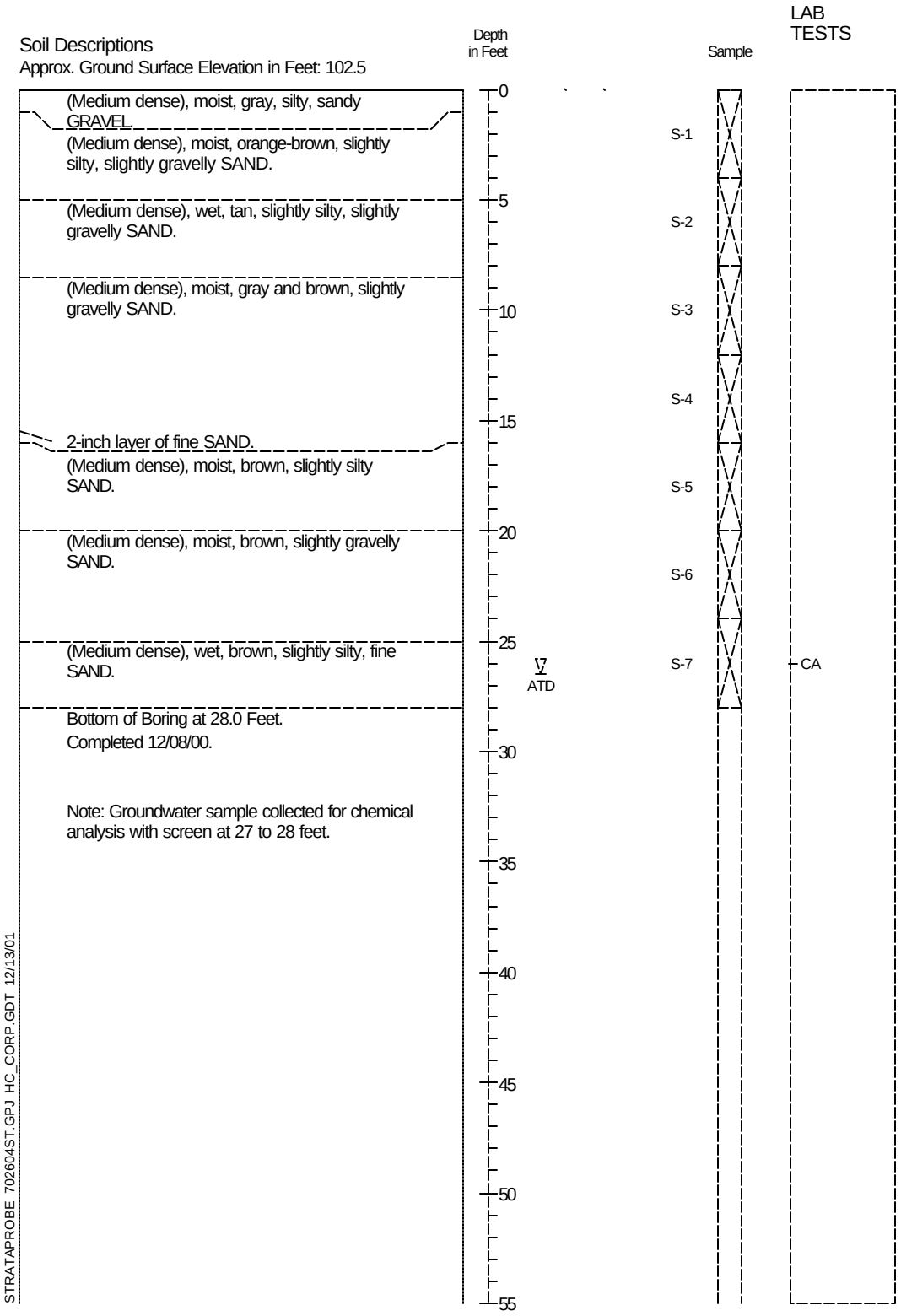
HARTCROWSER

J-7026-02 2/00

Figure A-8

HEM 2/4/00 1-1
10/2602 Logs wdstick

Strataprobe Boring Log SB- 9



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

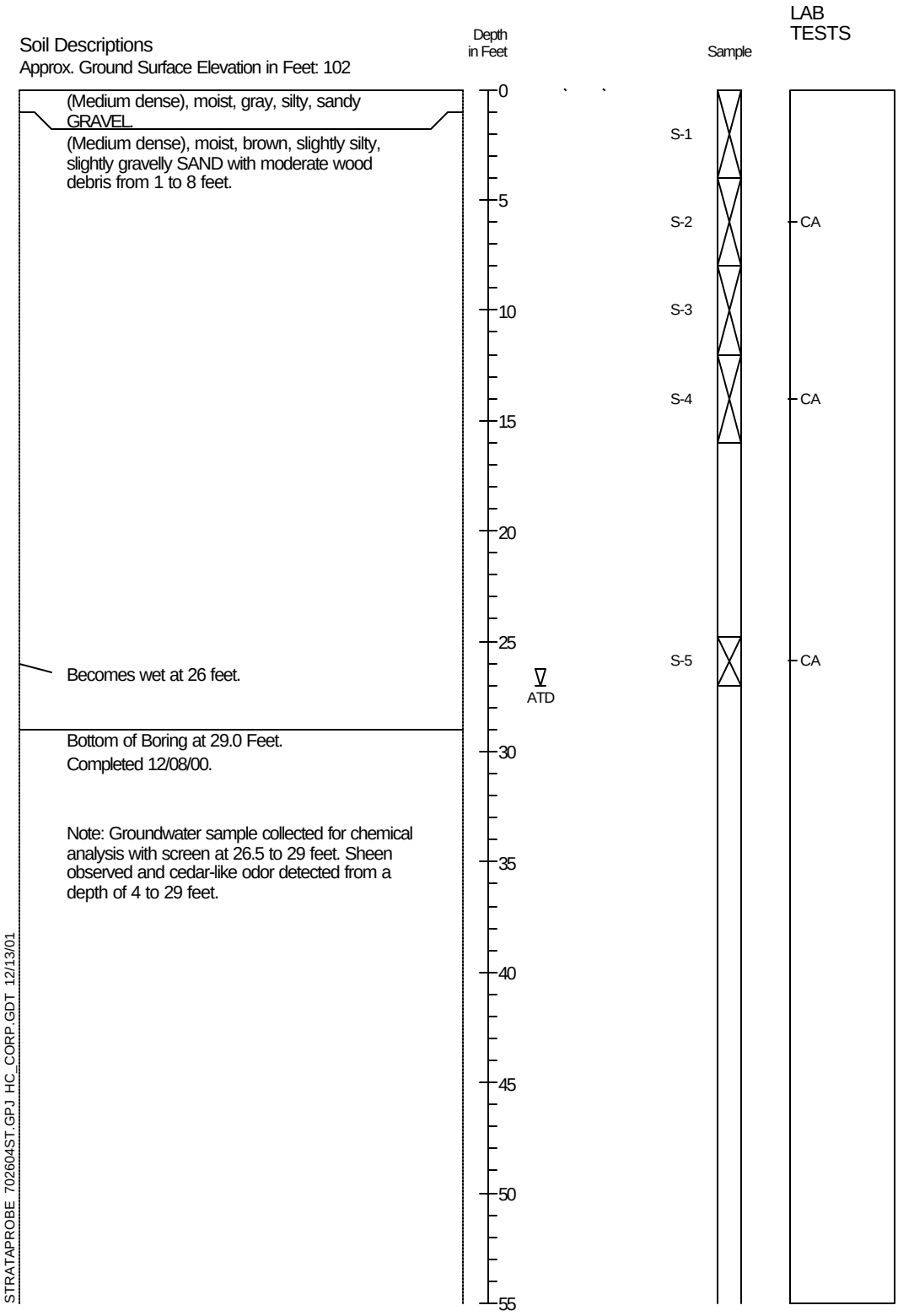
HARTCROWSER

J-7026-04 *12/00*

Figure A-2

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-10



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

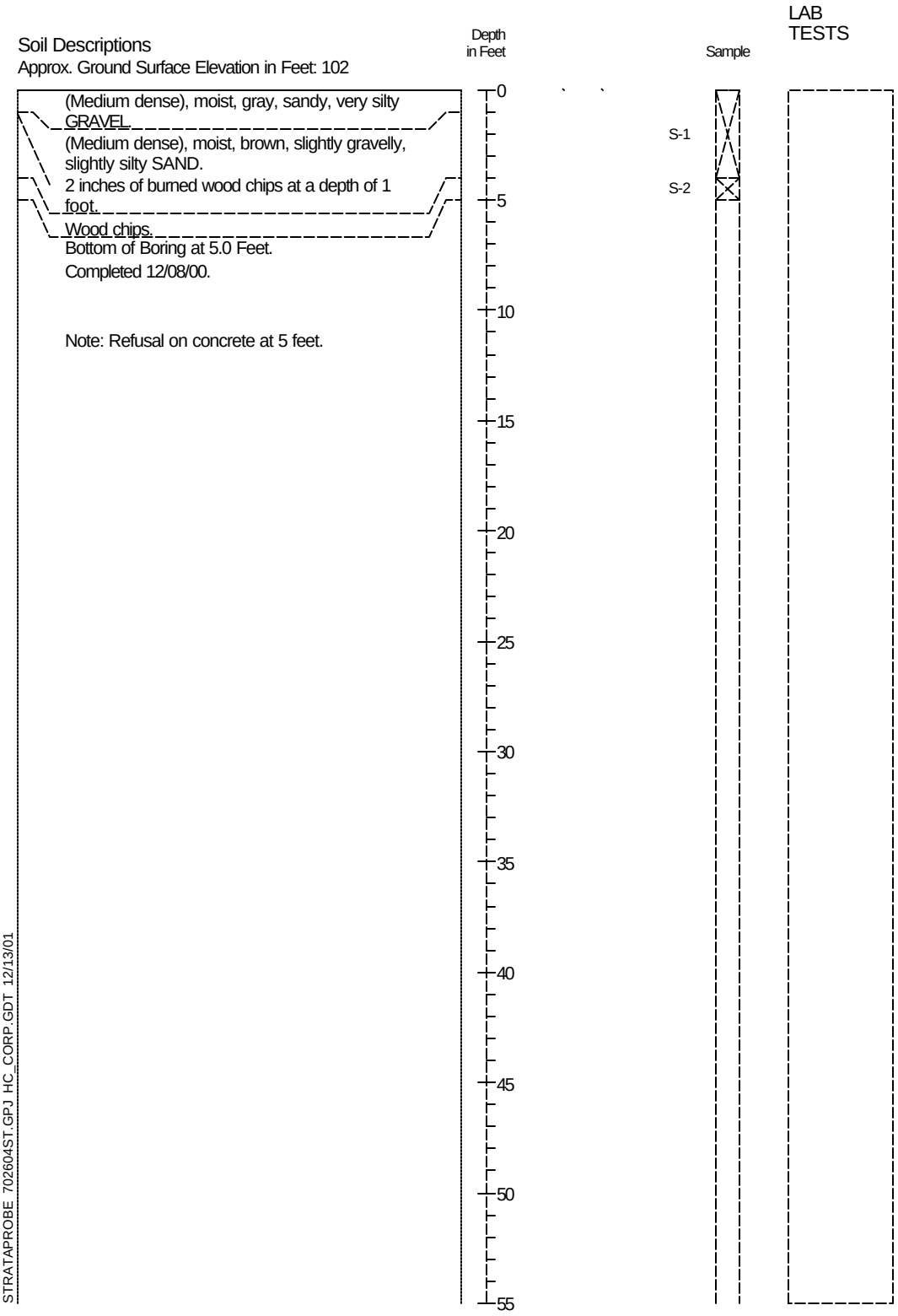
HARTCROWSER

J-7026-04 *12/00*

Figure A-3

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-11



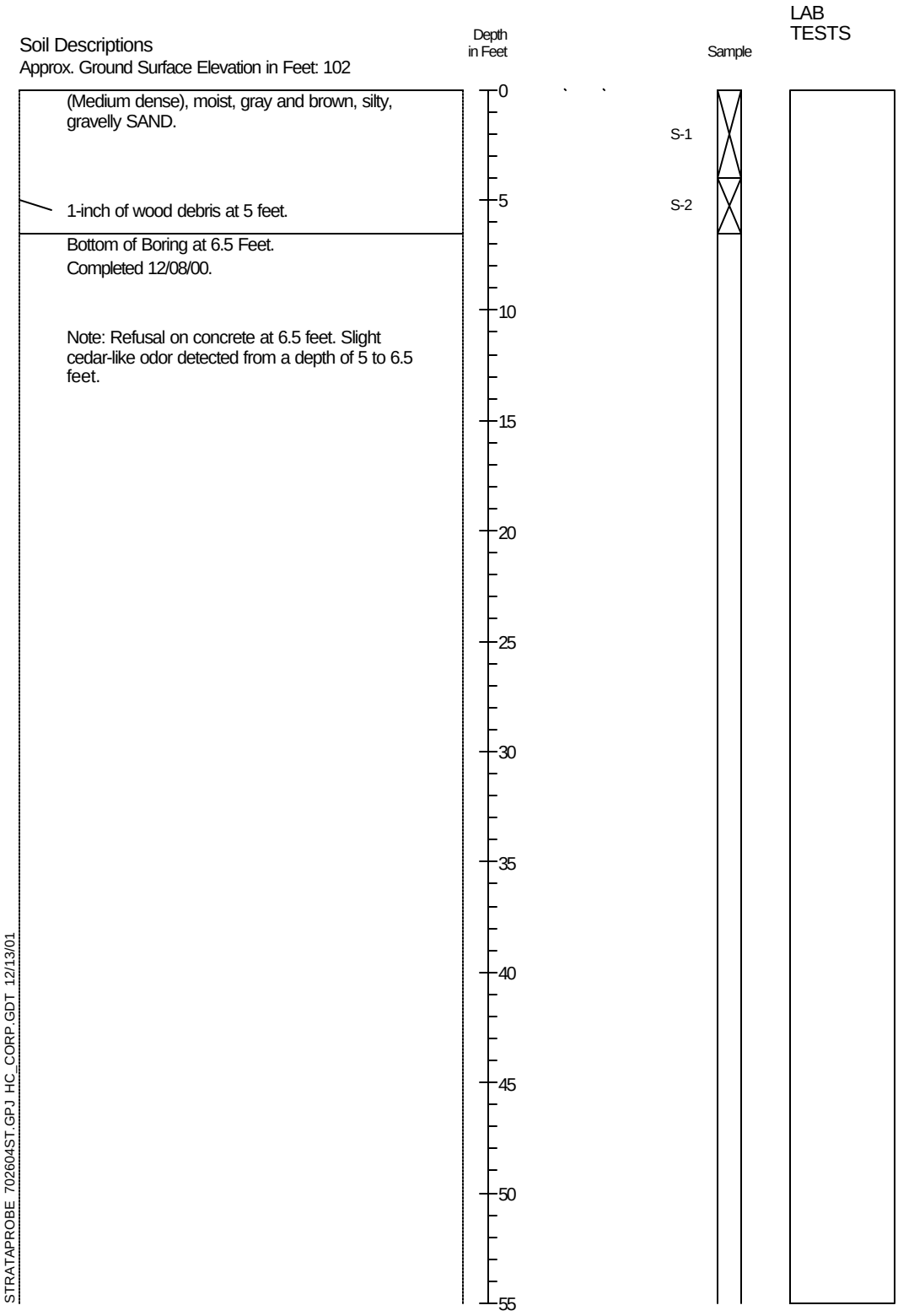
HARTCROWSER

J-7026-04 *12/00*

Figure A-4

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-11(B)



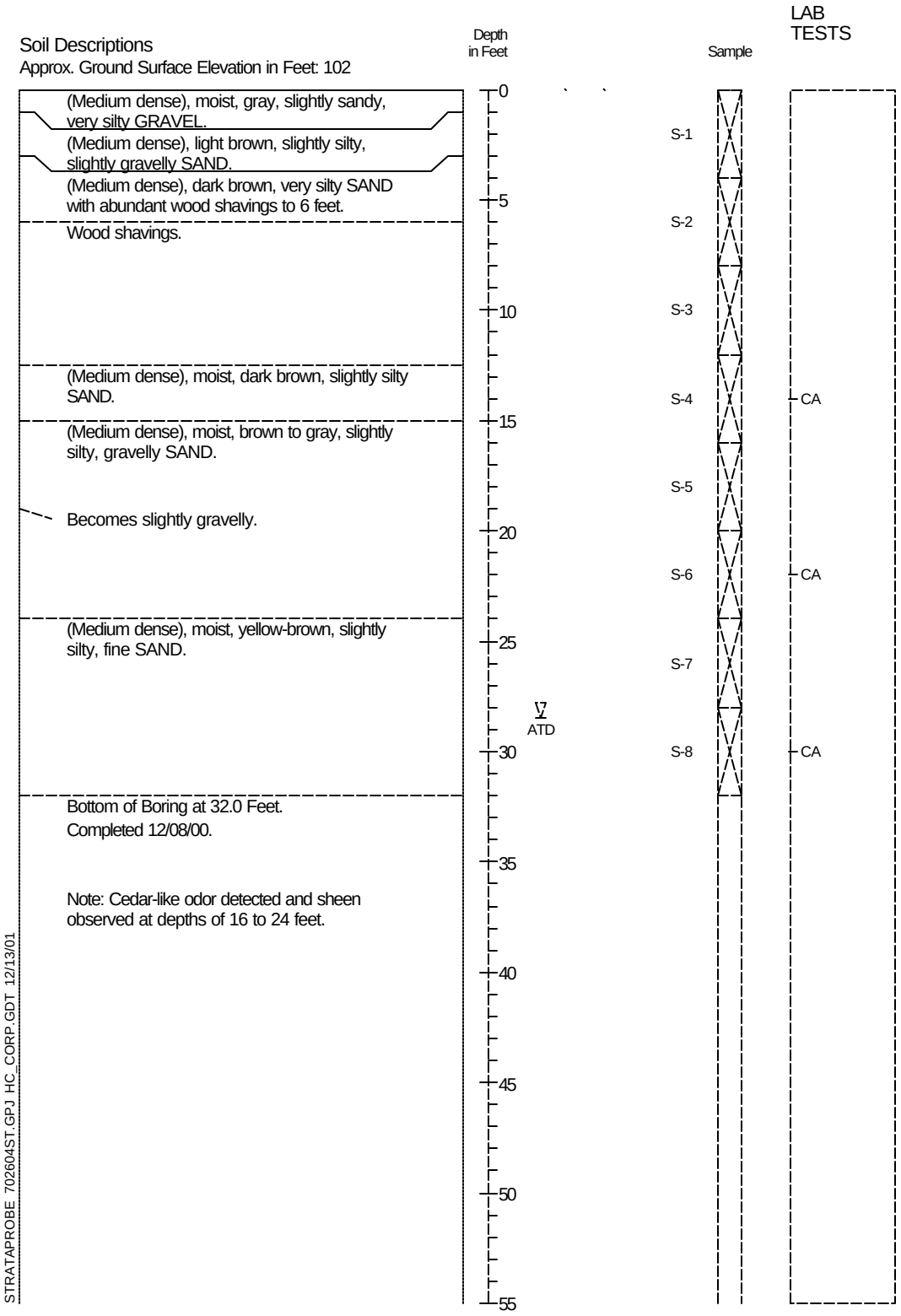
HARTCROWSER

J-7026-04 *12/00*

Figure A-5

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-12



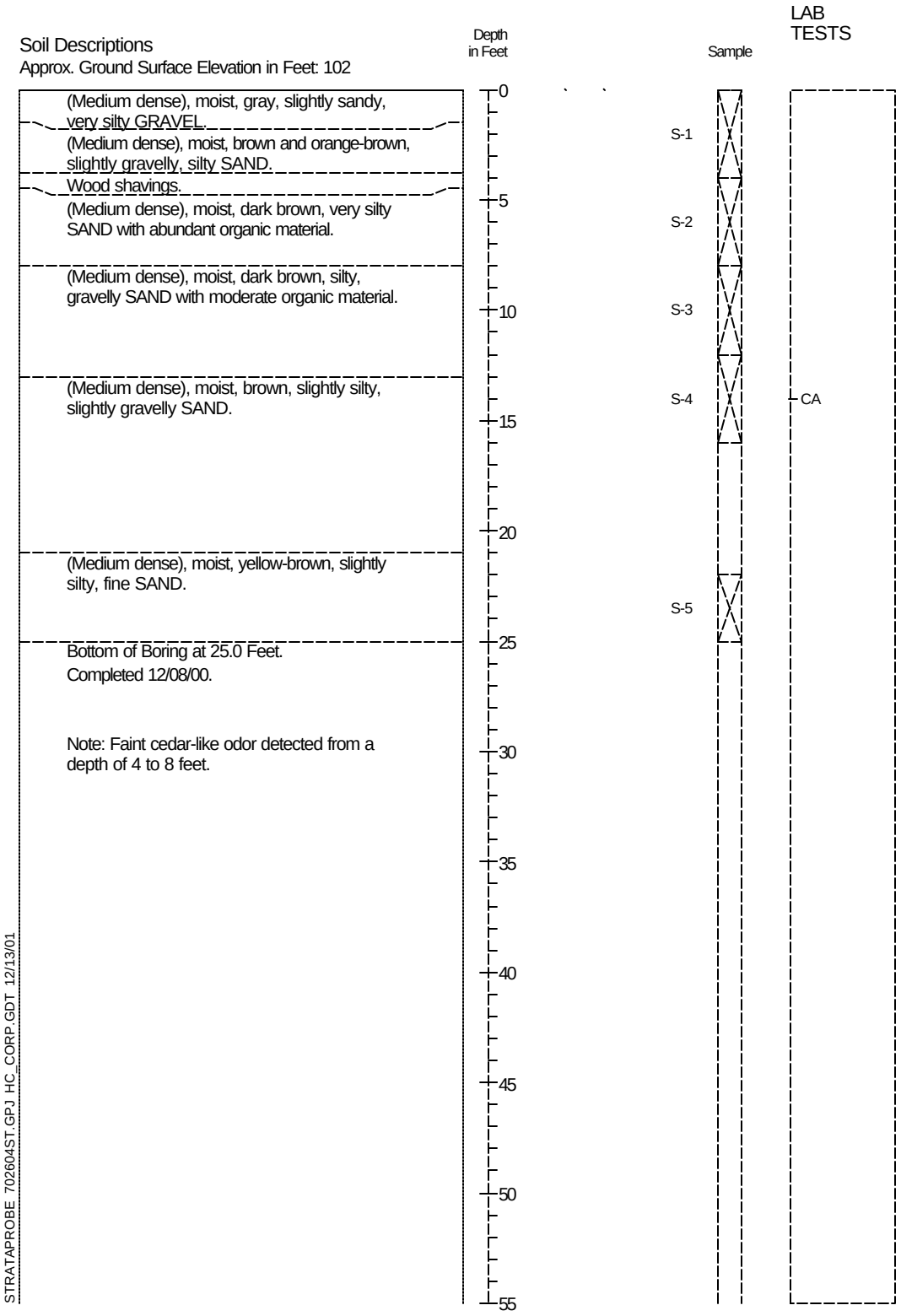
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *12/00*

Figure A-6

Strataprobe Boring Log SB-13



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

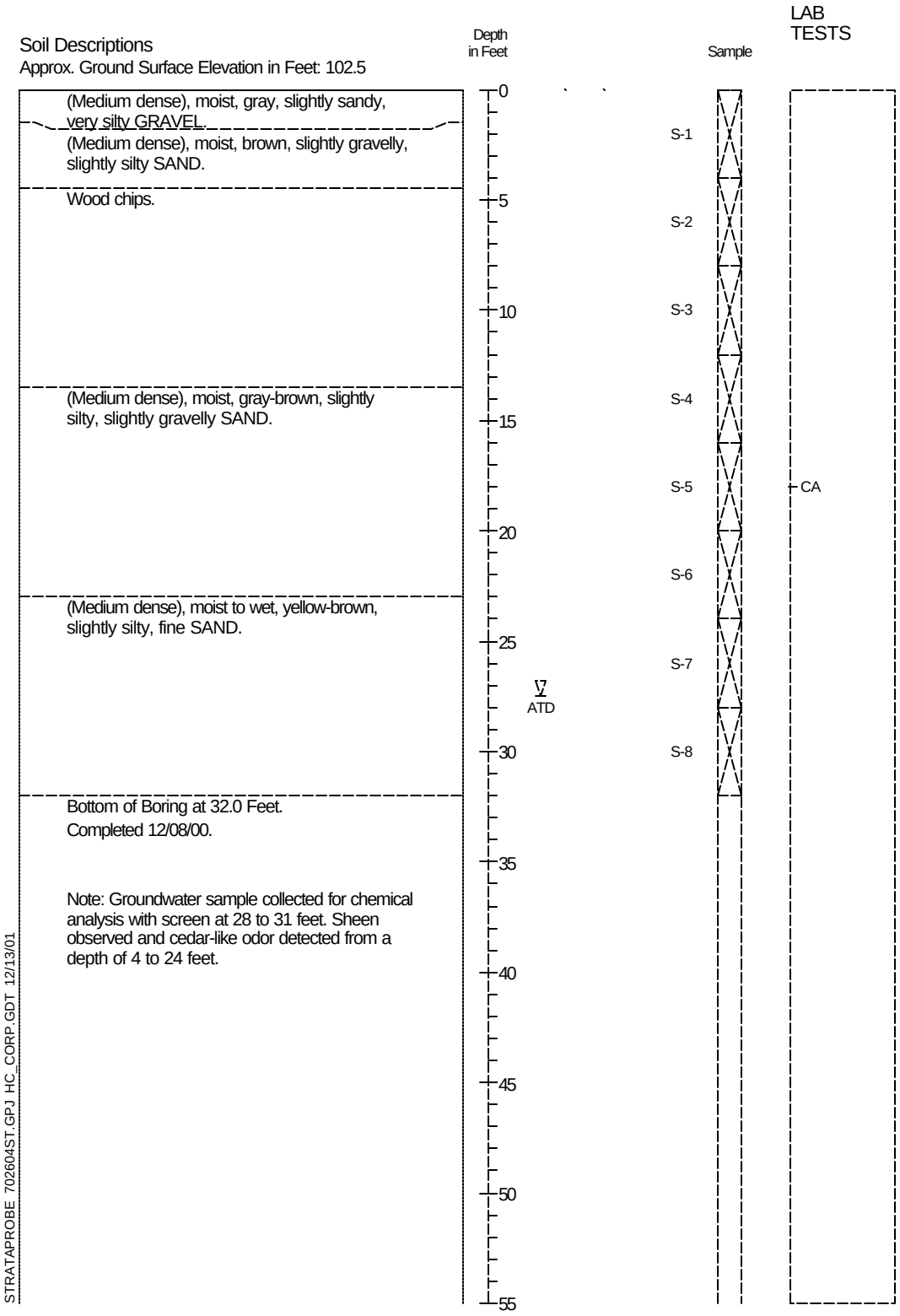
HARTCROWSER

J-7026-04 *12/00*

Figure A-7

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-14



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

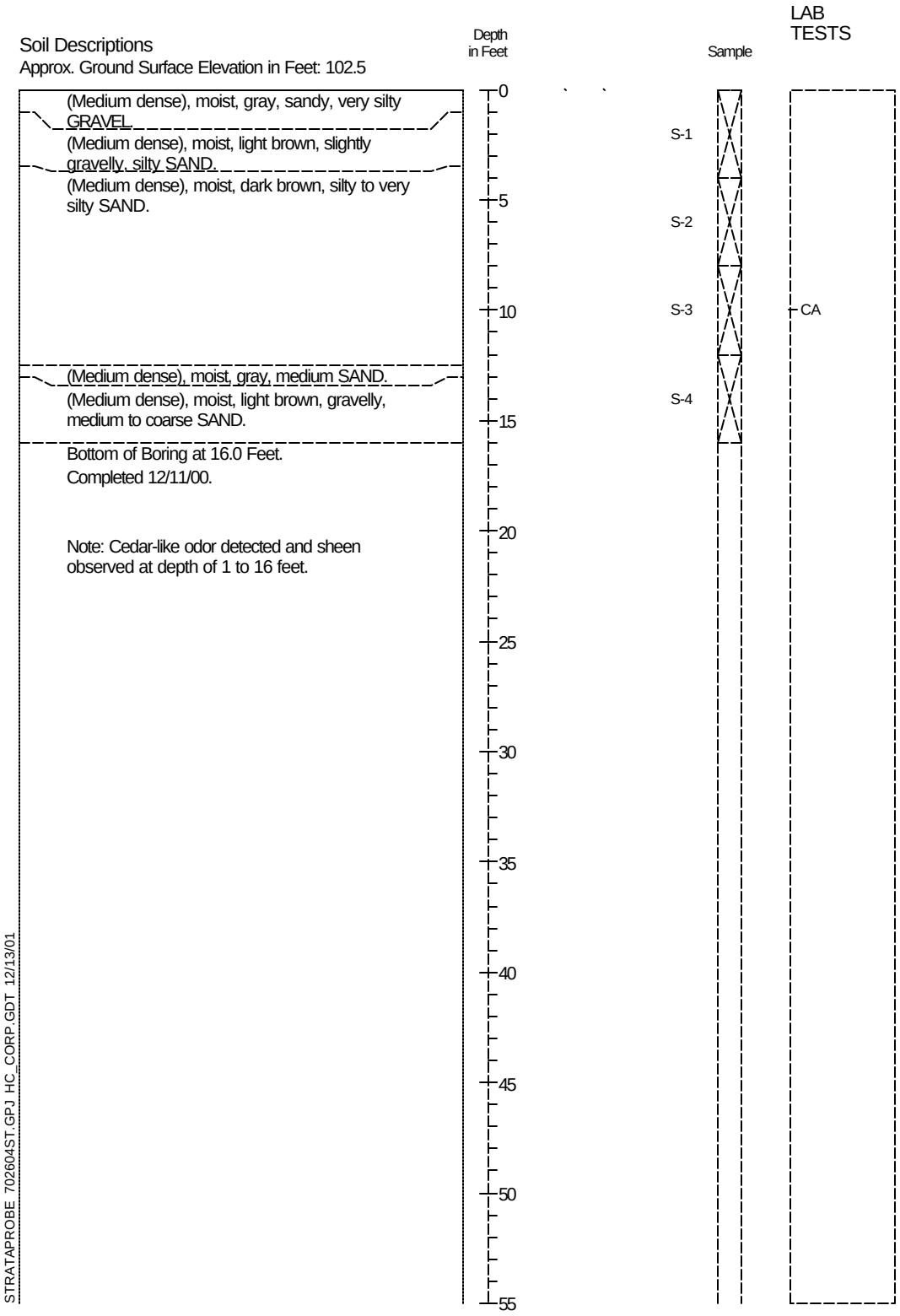
HARTCROWSER

J-7026-04 *12/00*

Figure A-8

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-15



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

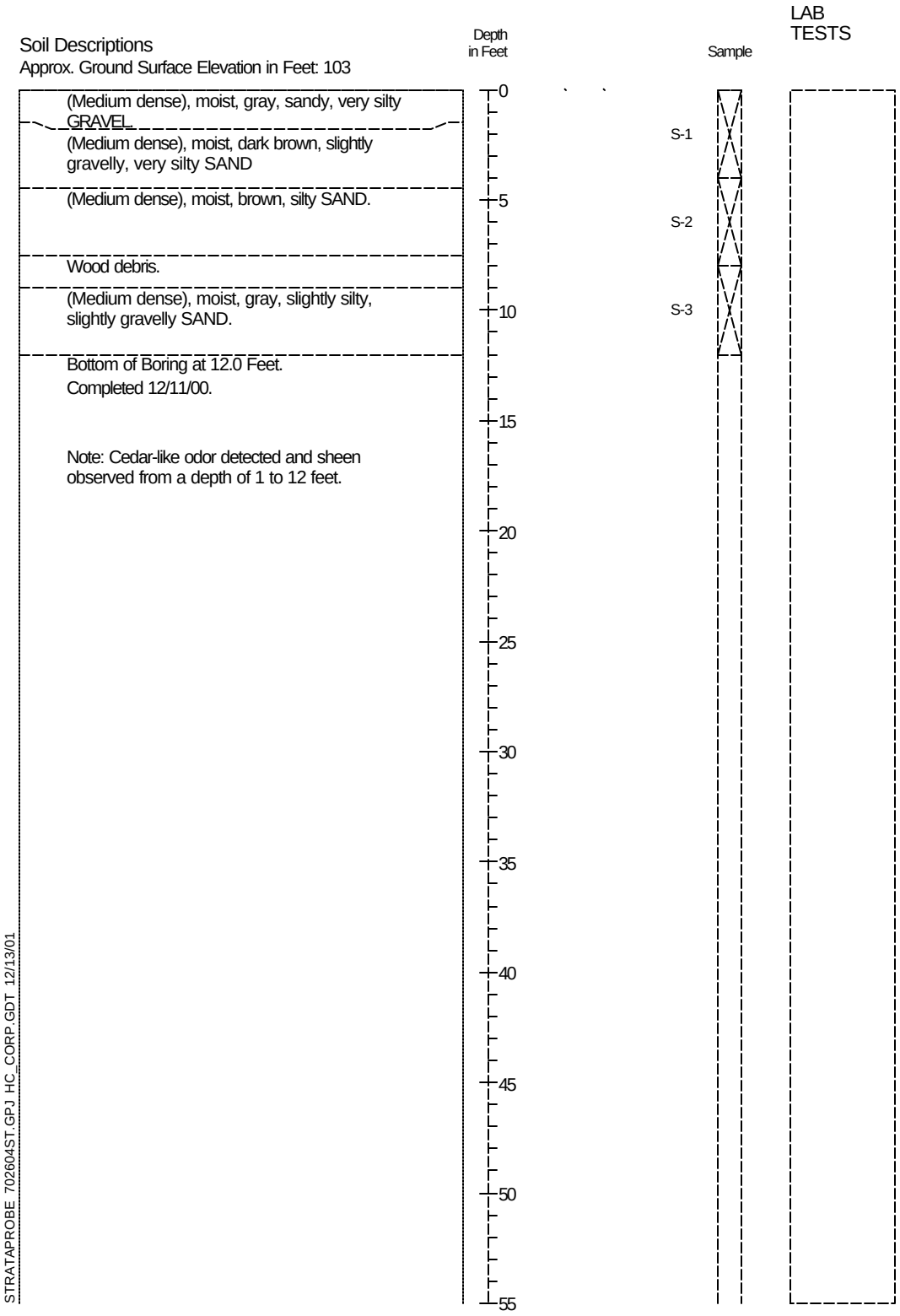
HARTCROWSER

J-7026-04 *12/00*

Figure A-9

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-16



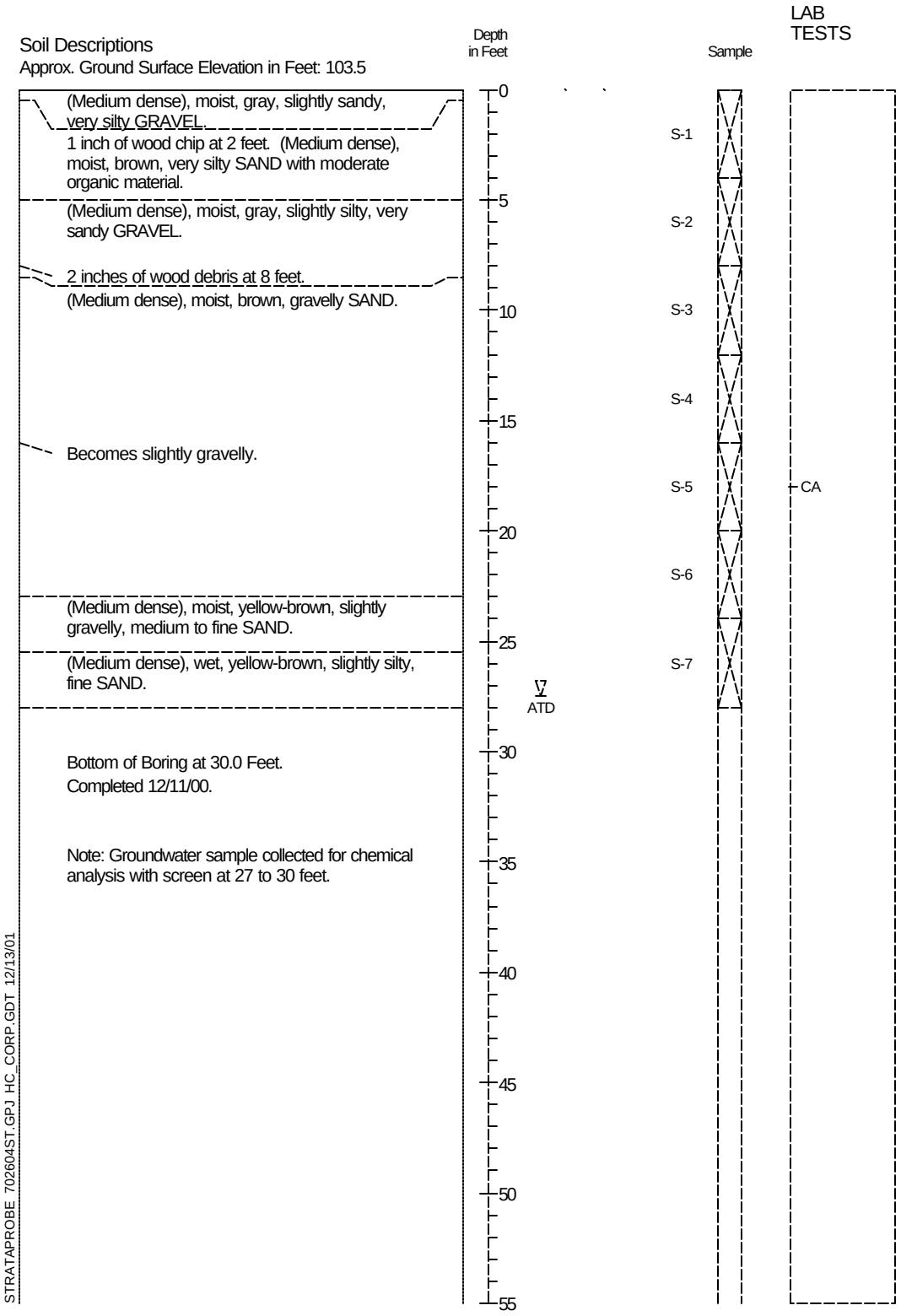
HARTCROWSER

J-7026-04 *12/00*

Figure A-10

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-17



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

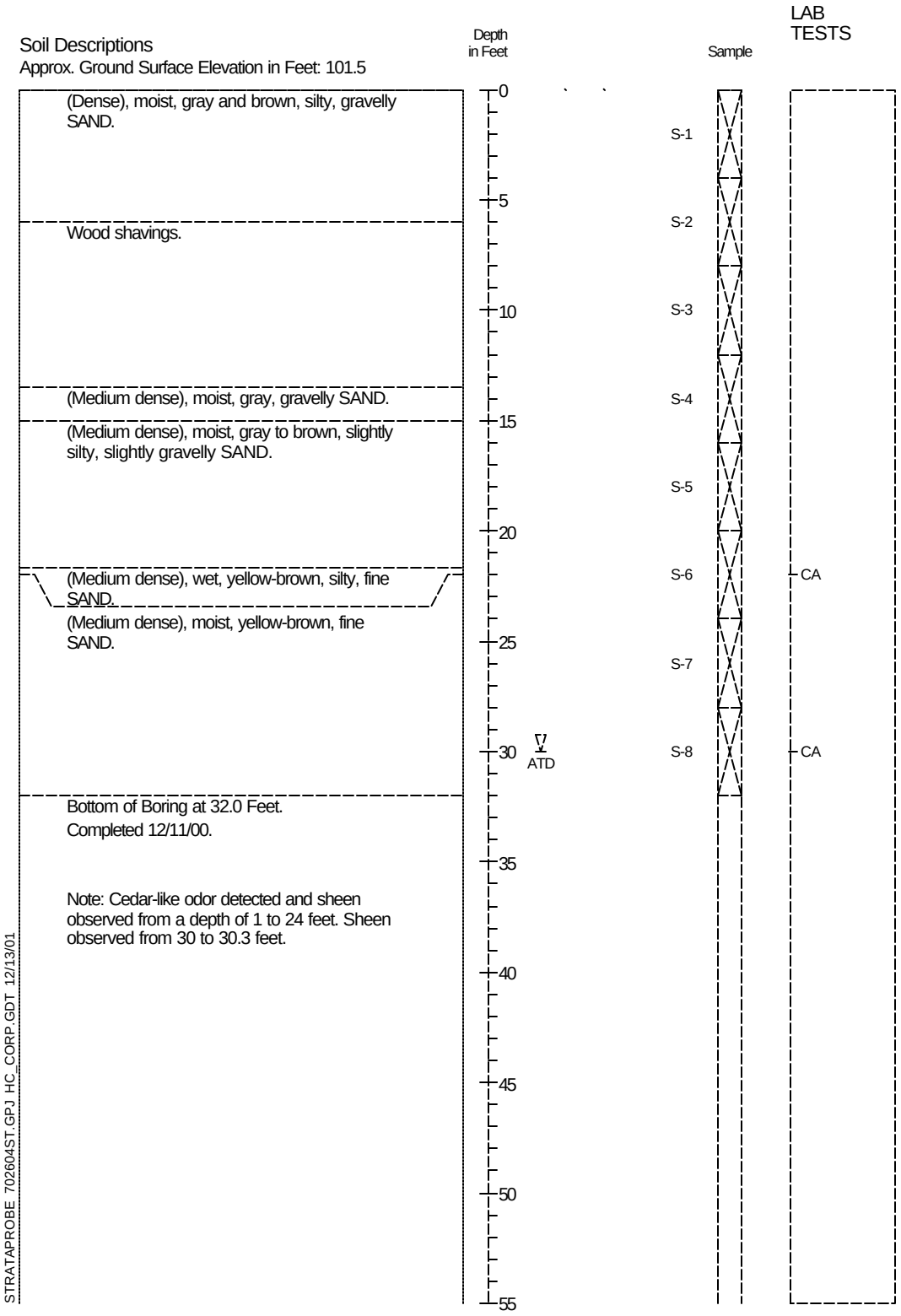
HARTCROWSER

J-7026-04 *12/00*

Figure A-11

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-18



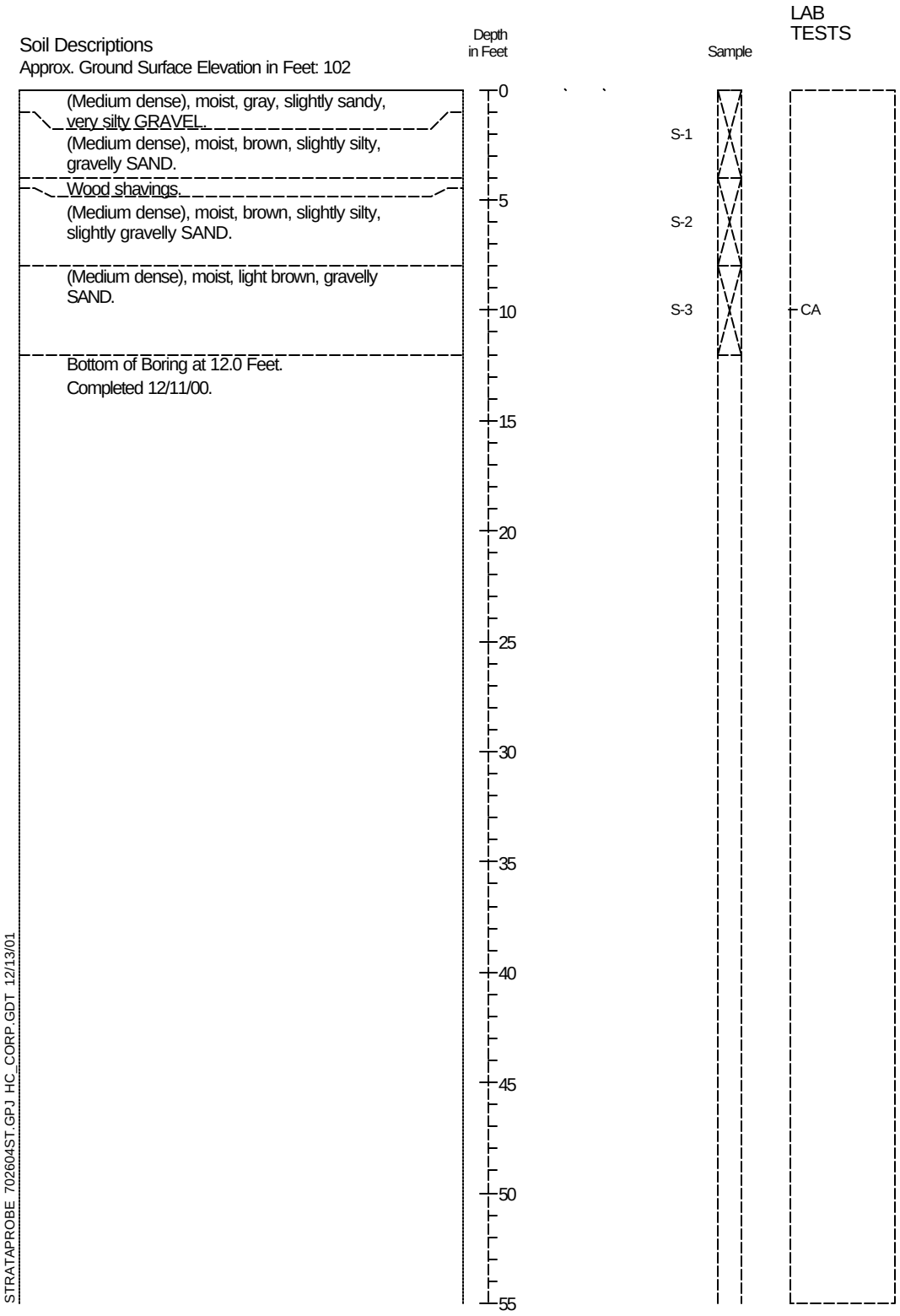
HARTCROWSER

J-7026-04 *12/00*

Figure A-12

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-19



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

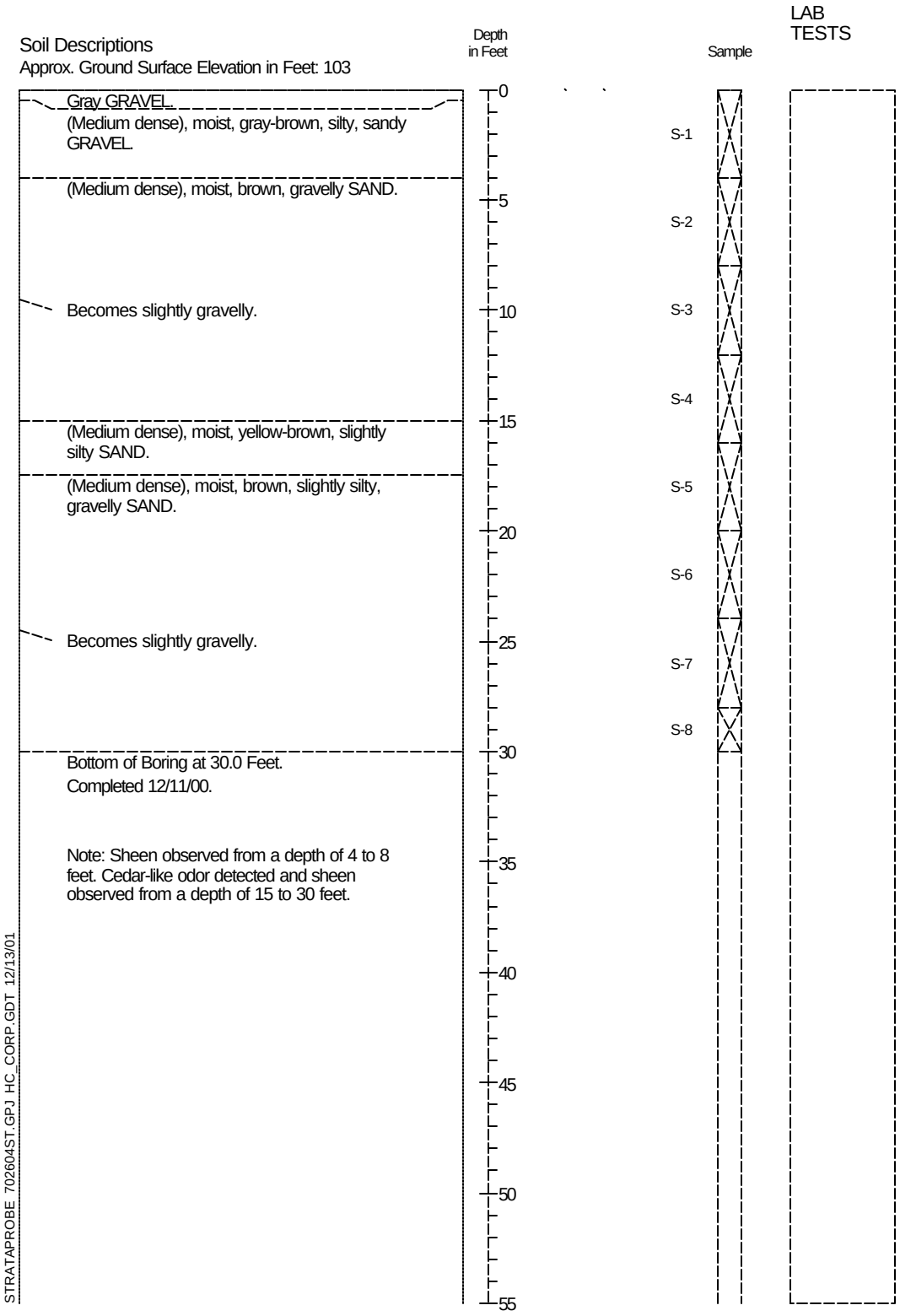
HARTCROWSER

J-7026-04 *12/00*

Figure A-13

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-20



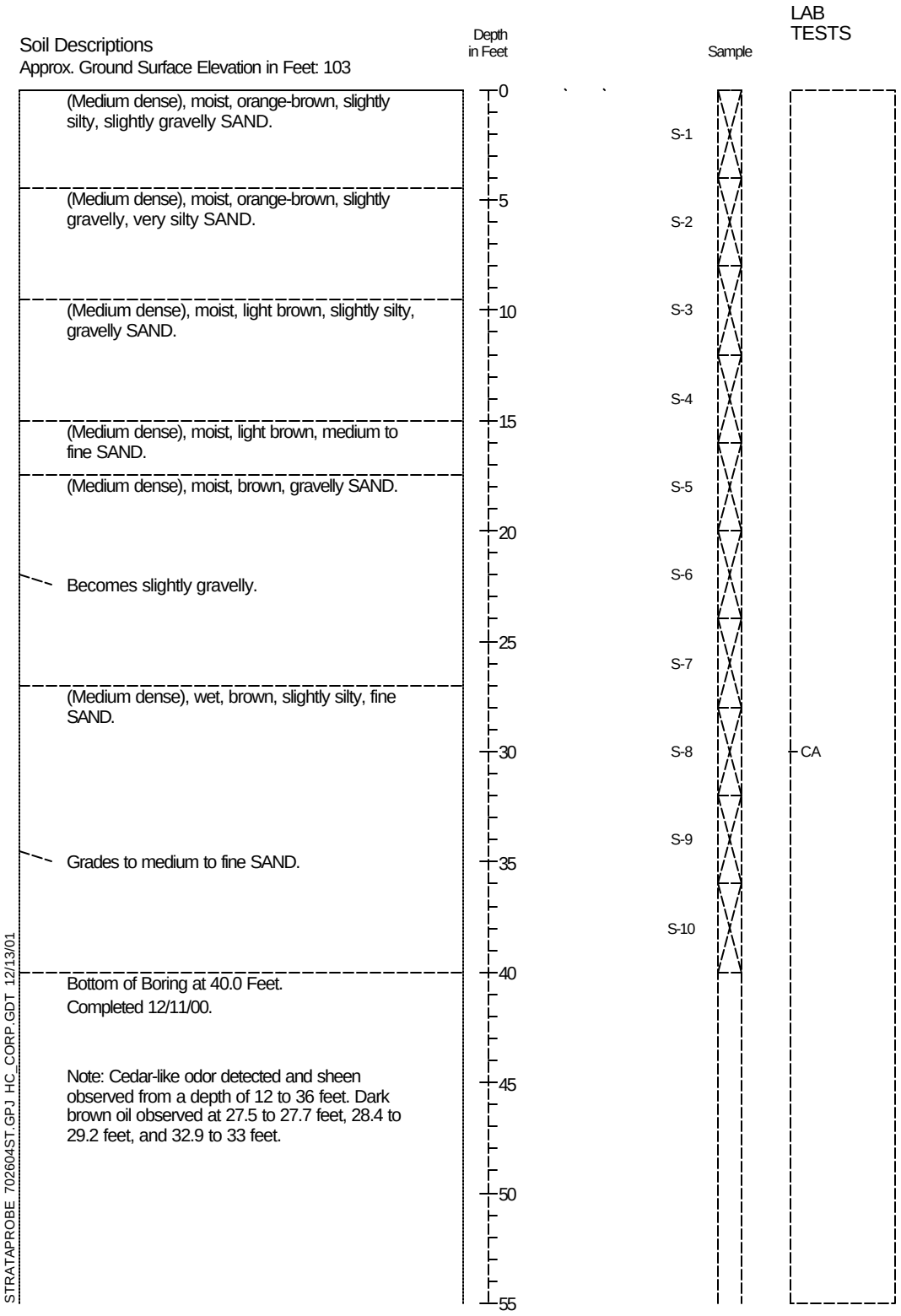
HARTCROWSER

J-7026-04 *12/00*

Figure A-14

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-21



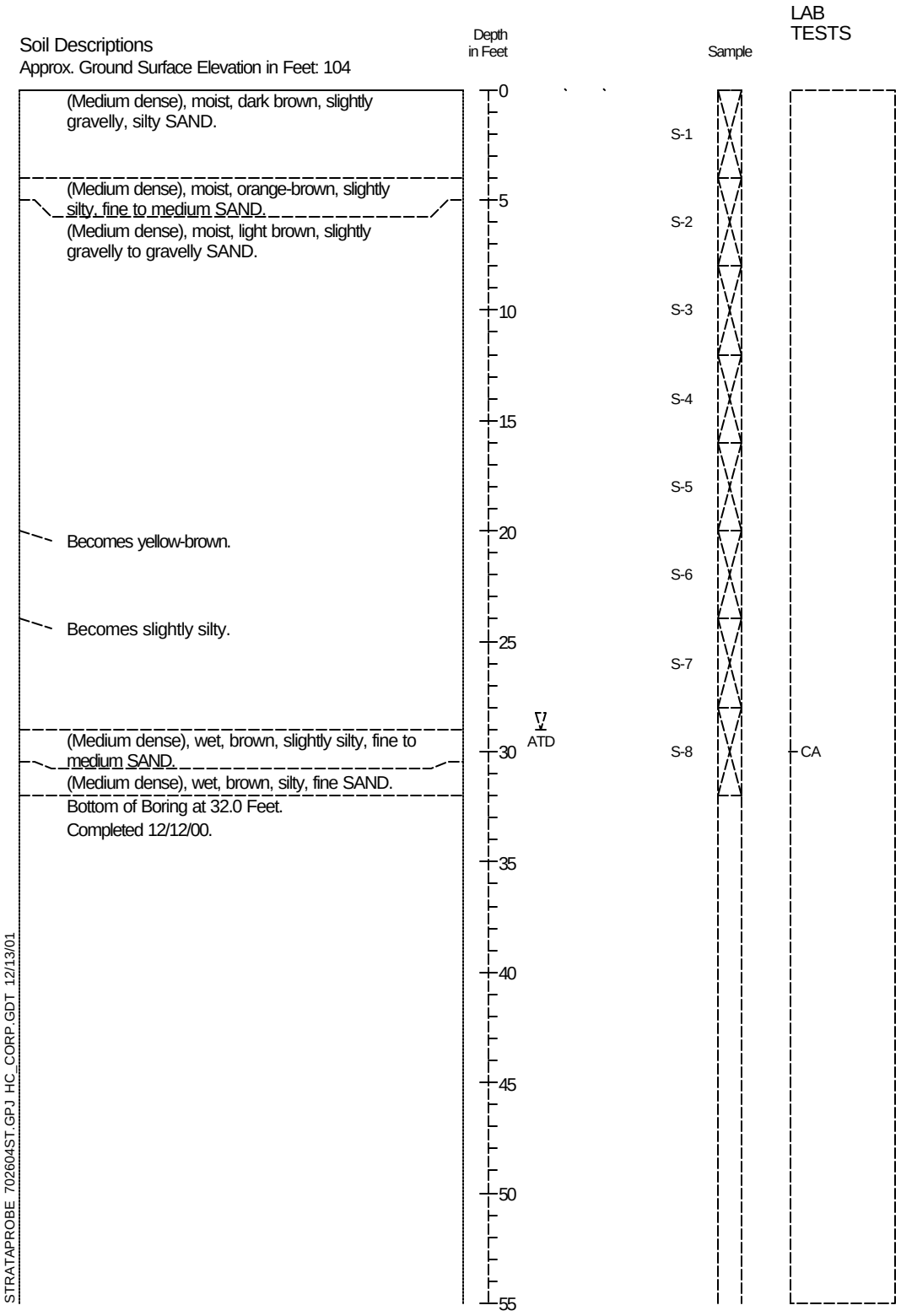
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *12/00*

Figure A-15

Strataprobe Boring Log SB-22



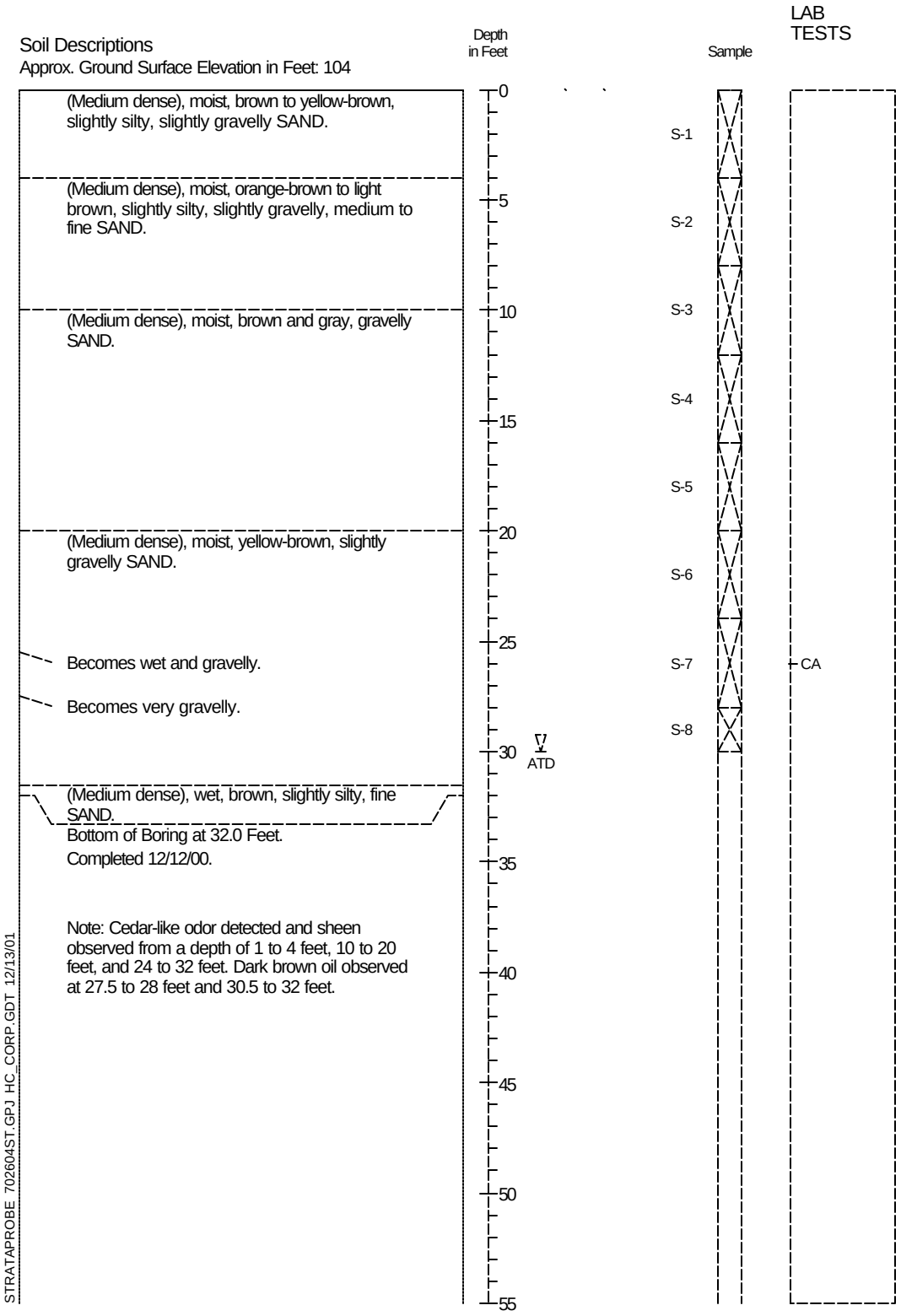
HARTCROWSER

J-7026-04 *12/00*

Figure A-16

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-23



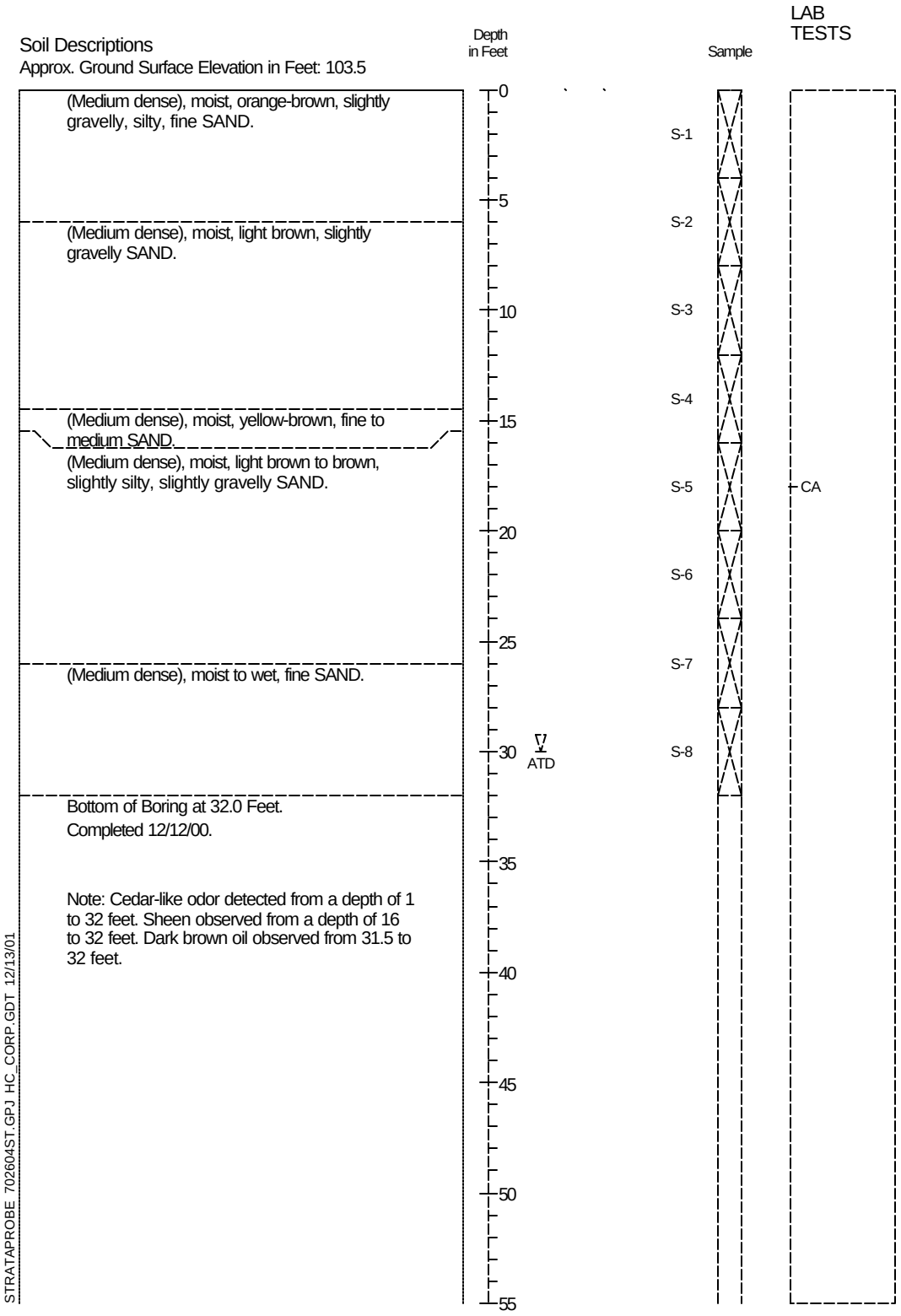
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *12/00*

Figure A-17

Strataprobe Boring Log SB-24



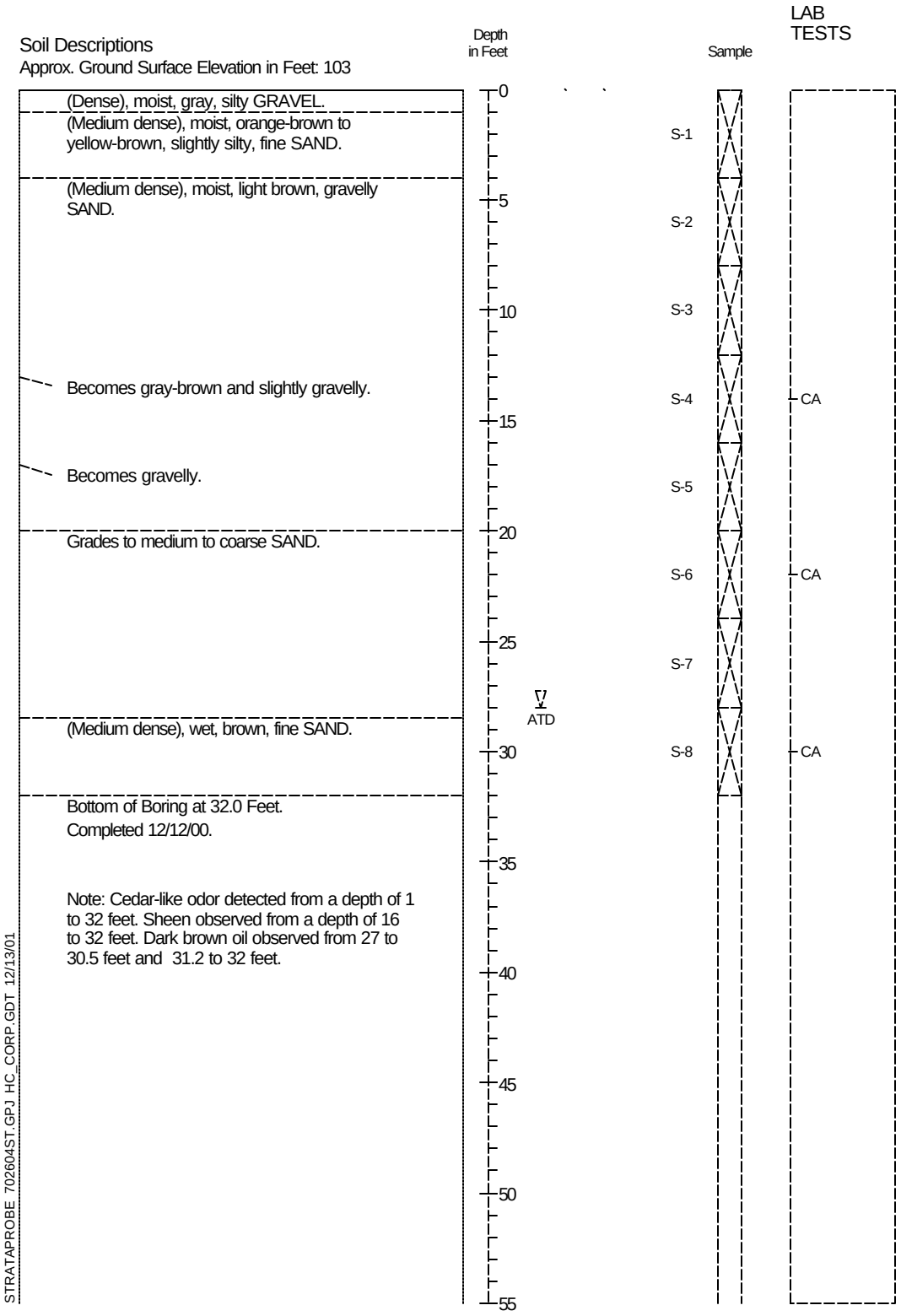
HARTCROWSER

J-7026-04 *12/00*

Figure A-18

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-25



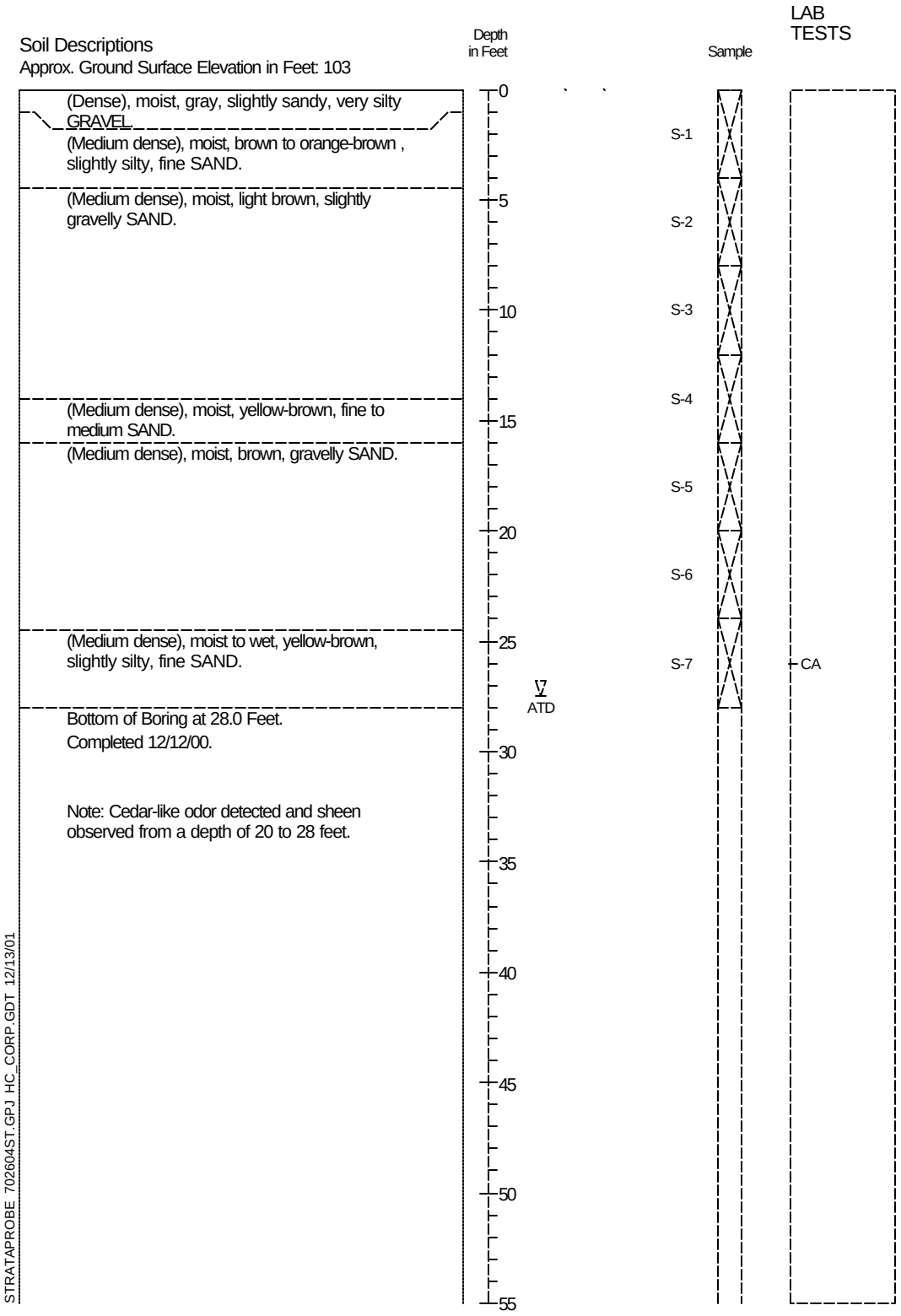
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *12/00*

Figure A-19

Strataprobe Boring Log SB-26



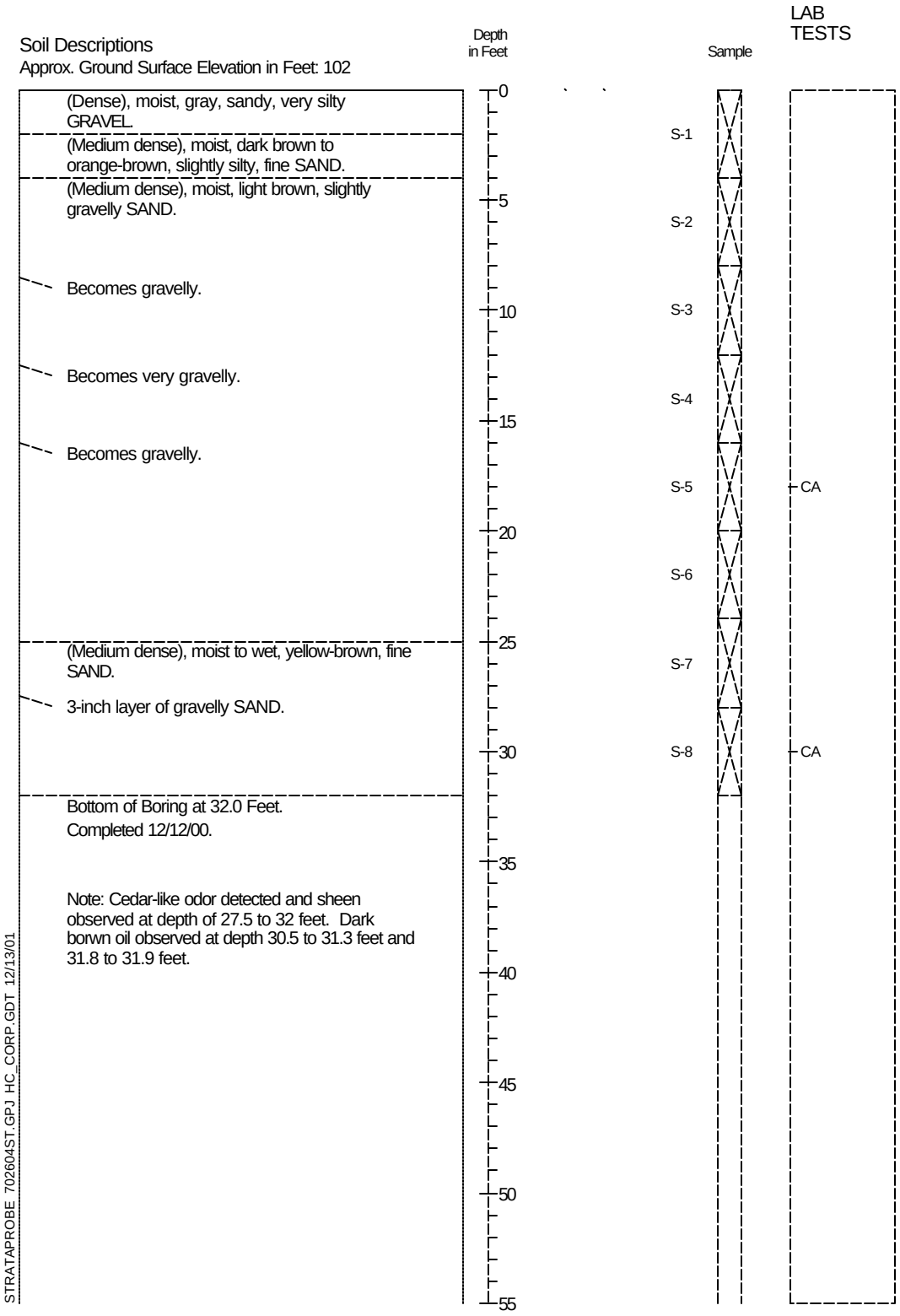
HARTCROWSER

J-7026-04 *12/00*

Figure A-20

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-27



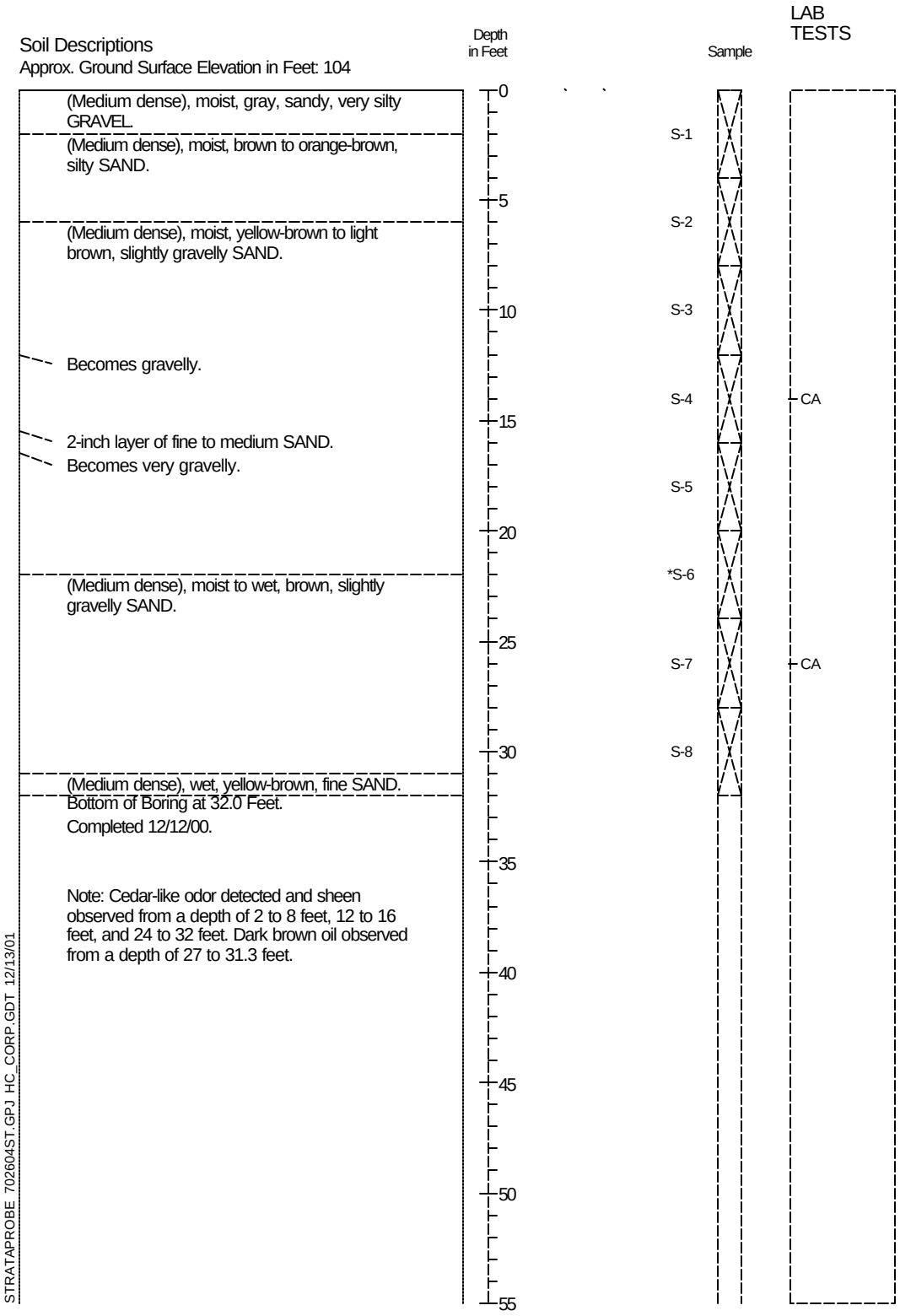
HARTCROWSER

J-7026-04 *12/00*

Figure A-21

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-28



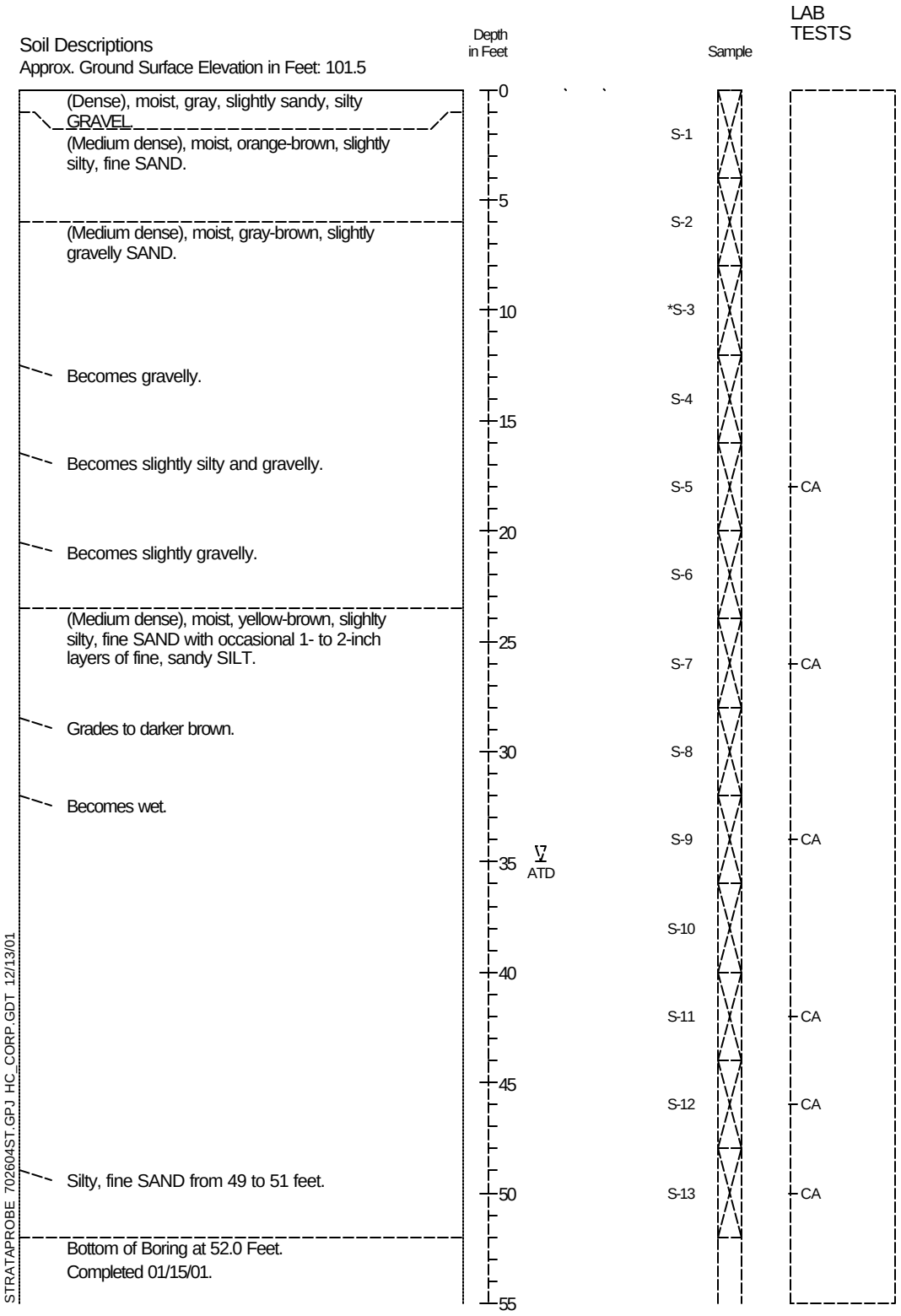
HARTCROWSER

J-7026-04 *12/00*

Figure A-22

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-29



STRATAPROBE 702604ST.GPJ HC_CORP.GDT 12/13/01

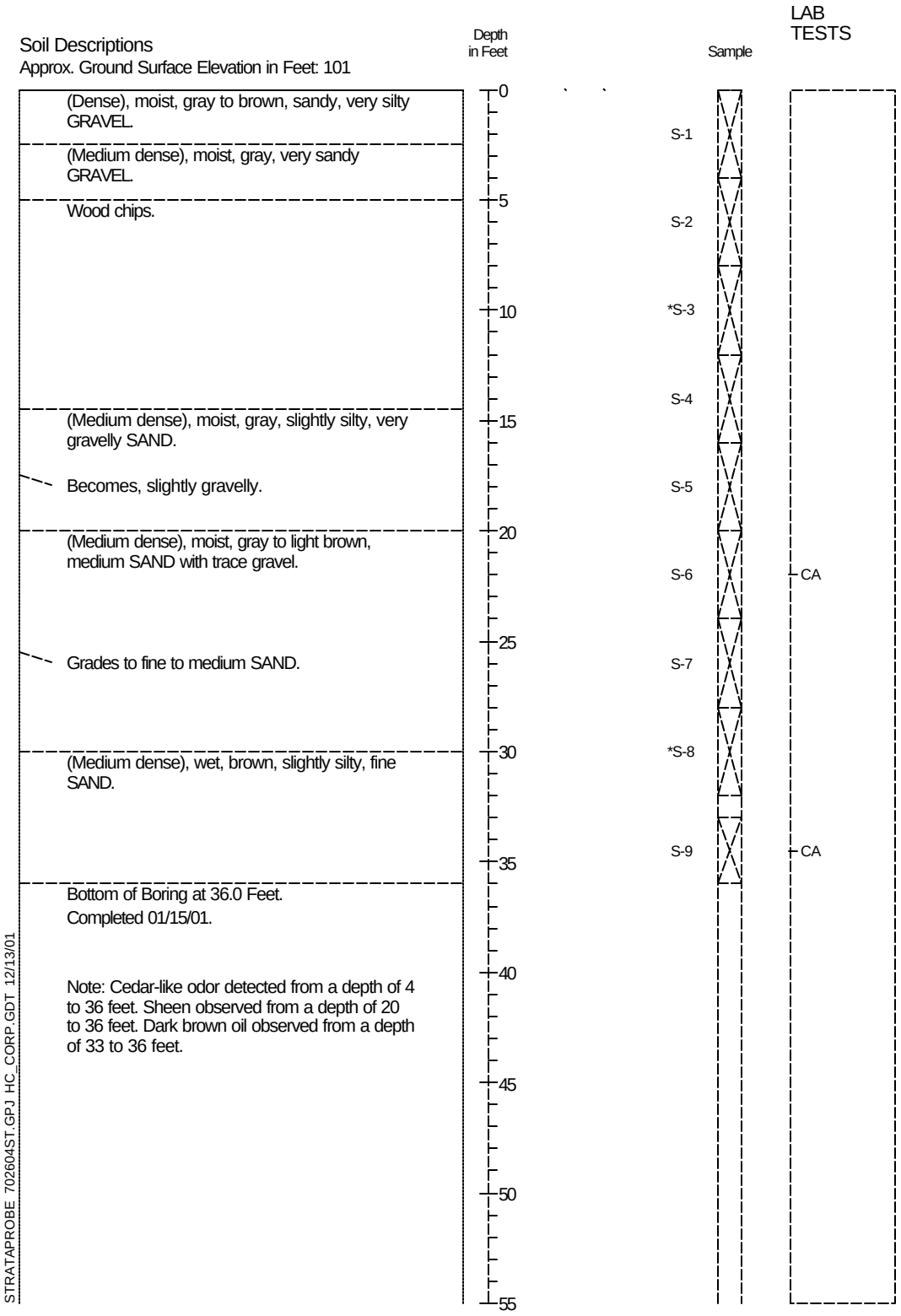
HARTCROWSER

J-7026-04 *01/01*

Figure A-23

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-30



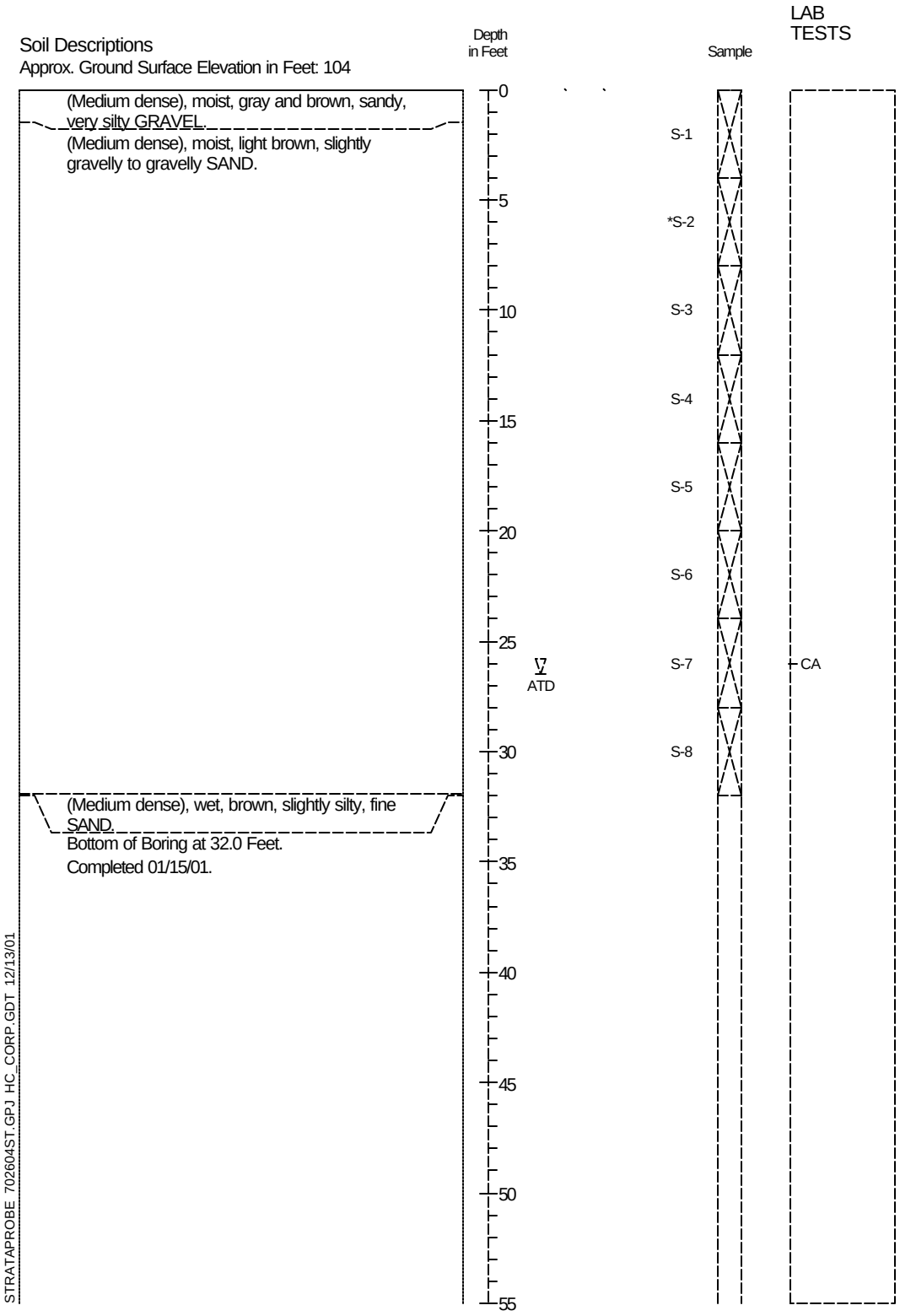
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *01/01*

Figure A-24

Strataprobe Boring Log SB-31



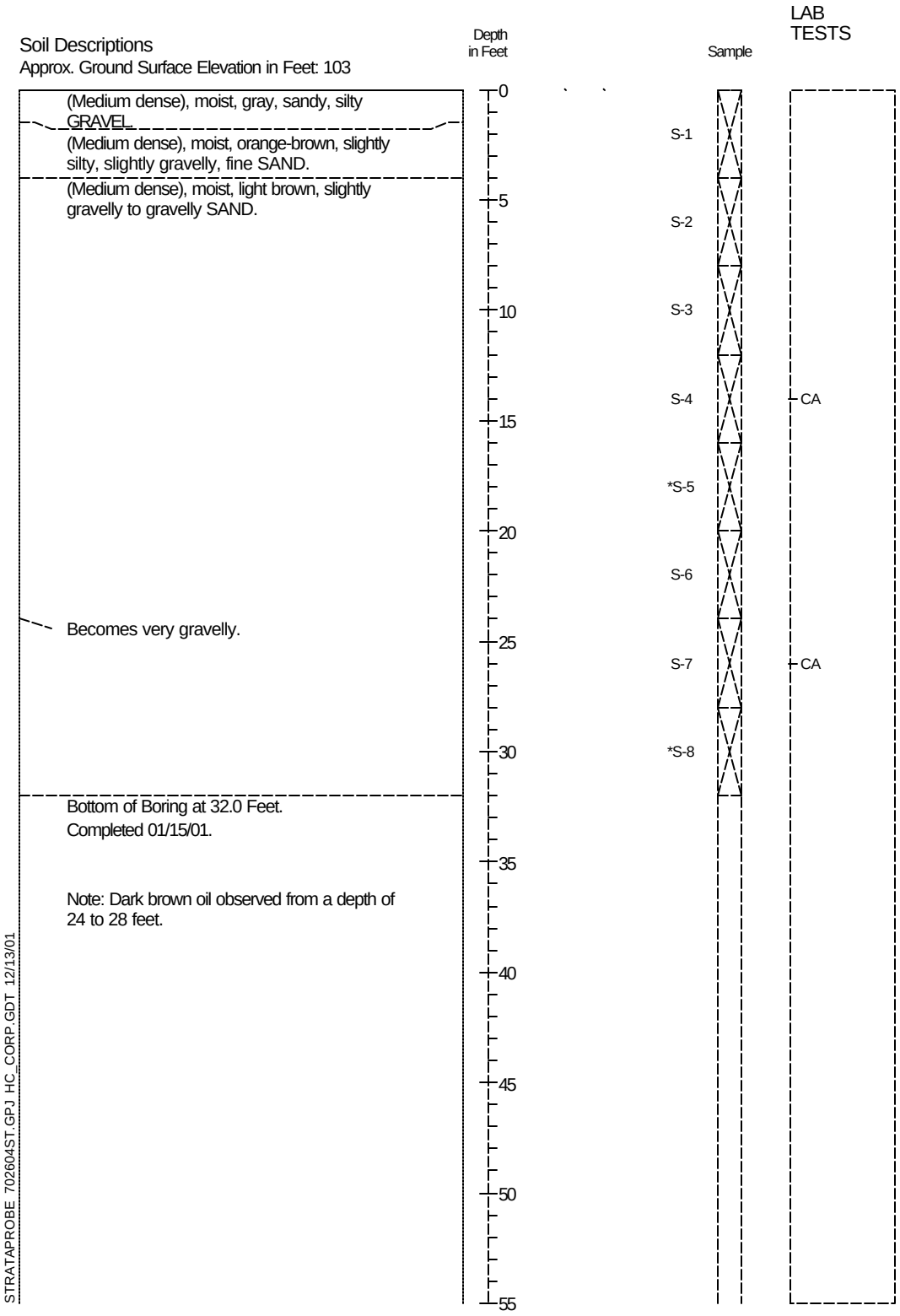
1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *01/01*

Figure A-25

Strataprobe Boring Log SB-32



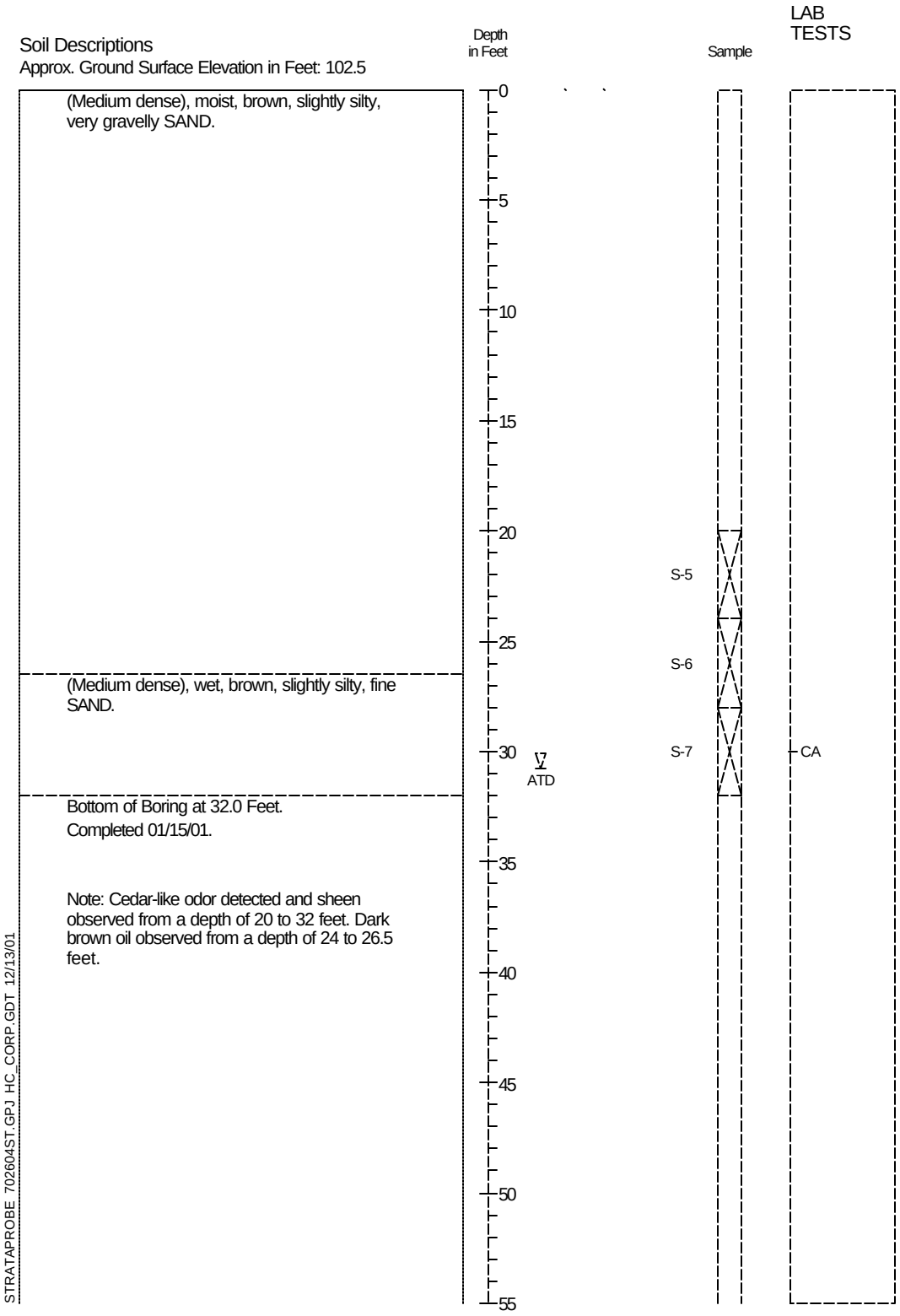
HARTCROWSER

J-7026-04 *01/01*

Figure A-26

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-33



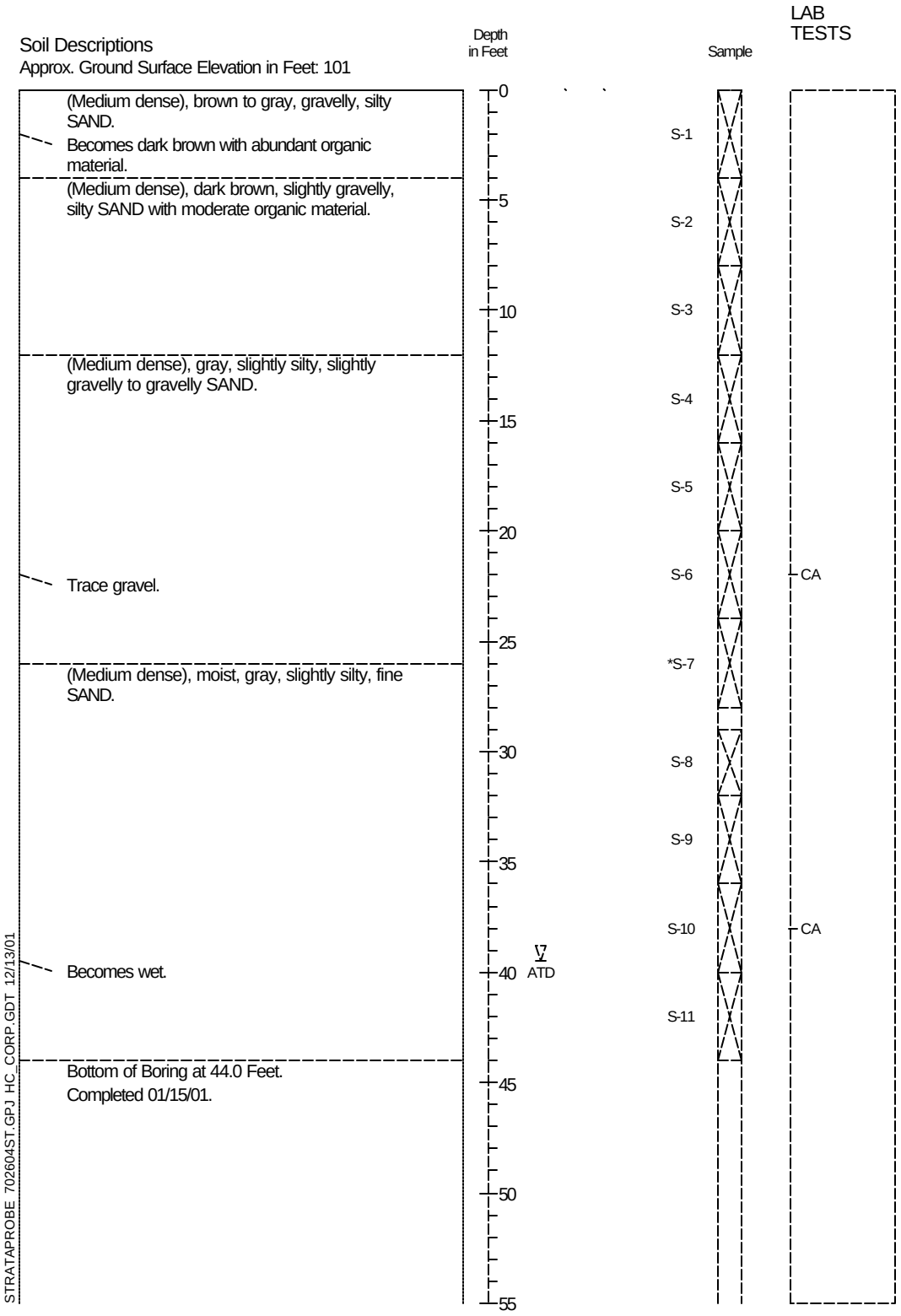
HARTCROWSER

J-7026-04 *01/01*

Figure A-27

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Strataprobe Boring Log SB-34



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-04 *01/01*

Figure A-28

Project: Baxter Arlington Arlington, Washington	Log of Monitoring Well No. MW-1
Date Started: 8/23/90	Total Depth: 49.5 ft. | Casing Elev: ~~100.0 ft~~ 104.1 | Depth to GW: 28 ft.
Date Completed: 8/24/90	Perforation: 0.01 Slot Sch 40 PVC — From: 23.0 ft To: 43.0 ft
ogged By: D. Walker	Pack: #10/20 Colorado Silica Sand — From: 20.0 ft To: 43.0 ft
rilling Co: Soil Sampling Service | Driller: Katvirtis	Seal: Bentonite Pellets — From: 17.0 ft To: 20.0 ft
Drilling Method : 6" ID Hollow Stem Auger	Bentonite Slurry — From: 17.0 ft To: surf.
Drilling Equipment: Mobile Drill B-61	Casing: 4" Sch. 40 PVC Sampler: 3" OD Split-Spoon

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
			med. dense moist, gray sandy gravel (GP), trace of silt	GP		
		8 7 8				OVA = 0 ppm
5						
		8 16 17	light gray at 9 ft.			OVA = 0 ppm
10						
		18 20 20				OVA = 1 ppm
15						
		13 15 14				OVA =1 ppm
20						
		8 13 19	CA	GP		OVA = 2 ppm
25						
		8 9 8	medium dense, saturated, gray fine sand (SP-SM), trace of silt; silty sand (SM) at 29 ft.	SP-SM		OVA = 0 ppm

Project: Baxter Arlington
Arlington, Washington

Log of Monitoring Well No. MW-1

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well installation	REMARKS
30						
		8 13 19	medium dense, saturated, gray fine sand (SP), trace of silt	SP		OVA = 0 ppm
35						
		8 11 14				OVA = 0 ppm
40						
		9 10 14				OVA = 0 ppm
45				SLOUGH		
		9 12 17		SP		OVA = 0 ppm
50			Bottom of boring at 49.5 feet.			
55						

Project: Baxter Arlington Arlington, Washington	Log of Monitoring Well No. MW-2		
Date Started: 8/22/90	Total Depth: 49.5 ft.	Casing Elev: 98.5 ft.	Depth to GW: 43 ft.
Date Completed: 8/23/90	Perforation: 0.01 Slot Sch 40 PVC		From: 27.5 ft To: 47.5 ft
Logged By: D. Walker	Pack: #10/20 Colorado Silica Sand		From: 49.5 ft To: 24.5 ft
Drilling Co: Soil Sampling Service / Driller: Ketvirtis	Seal: Bentonite Pellets		From: 24.5 ft To: 21.5 ft
Drilling Method : 6" ID Hollow Stem Auger	Bentonite Slurry		From: 21.5 ft To: surf.
Drilling Equipment: Mobile Drill B-61	Casing: 4" Sch. 40 PVC Sampler: 3" OD Split-Spoon		

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
			medium dense, moist, gray gravelly sand (SP)	SP		
		9 8 9				OVA = 0 ppm
5						
		8 15 21	dense, moist, gray sandy gravel (GP), gravel to 2"			OVA = 0 ppm
10						
		11 18 24				OVA = 0 ppm
15				GP		
		25 15 25	dense, moist, coarse to medium gray sand (SP), trace of gravel			OVA = 0 ppm
20				SP		
		11 17 18	medium to fine sand			OVA = 0 ppm
25						
		22 45 30	very dense, moist, sandy gravel (GP), gravel to 2-1/2"			OVA = 0 ppm

Project: Baxter Arlington
Arlington, Washington

Log of Monitoring Well No. MW-2

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
30				GP		

Project: Baxter Arlington Arlington, Washington	Log of Monitoring Well No. MW-3 100.89
Date Started: 8/24/90	Total Depth: 50.0 ft. | Casing Elev: 99.2 ft. | Depth to GW: 38 ft.
Date Completed: 8/27/90	Perforation: 0.01 Slot Sch 40 PVC — From: 29.5 ft To: 49.5 ft
Logged By: D. Walker	Pack: #10/20 Colorado Silica Sand — From: 26.0 ft To: 49.5 ft
Drilling Co: Soil Sampling Service | Driller: Ketvirtis	Seal: Bentonite Pellets — From: 26.0 ft To: 23.0 ft
Drilling Method : 6" ID Hollow Stem Auger	Bentonite Slurry — From: 23.0 ft To: surf.
Drilling Equipment: Mobile Drill B-61	Casing: 4" Sch. 40 PVC Sampler: 3" OD Split-Spoon

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
		9 7 7	medium dense, dry, gray sandy gravel (GP), trace of silt	GP		OVA = 0 ppm
5						
		8 6 7				OVA = 0 ppm
10						
		6 10 8	moist			OVA = 0.5 ppm
15						
		6 10 13				OVA =0 ppm
20				GP		
		5 11 16	medium dense, moist, gray fine sand (SP/SM), becomes slightly silty very fine sand (SP/SM) below 24 ft.	SP-SM		OVA = 0 ppm
25						
		8 12 16	medium dense, moist, gray fine sand (SP/SM), trace of silt:, slightly coarser below 29 ft.			OVA = 0 ppm

Project: Baxter Arlington
Arlington, Washington

Log of Monitoring Well No. MW-3

Depth (feet)	Sample	blow count	LITHOLOGIC DESCRIPTION	Lith-ology	Mon. Well Installation	REMARKS
35		11 19 19	dense, becomes fine to medium sand below 33.5 ft.	SP-SM		
		8 8 10	medium dense, saturated, silty fine sand (SM) below 38.0 ft.			
40		14 24 32	very dense, saturated sandy gravel (GP), coarse to fine sand	GP		
		10 31 28				
50			Bottom of boring at 50.0 feet.			
55						

Project: BAXTER
Project Location: ARLINGTON
Project Number: 90C0456A/6000

Log of Boring MW-4

Sheet 1 of 2

Date(s) Drilled	8/26/94	Logged By	G. DAVIS	Checked By	M. OTTEN
Drilling Method	HOLLOW STEM AUGER	Top of PVC Elevation (feet)	98.17	Total Depth Drilled (feet)	40.0
Drill Rig Type	B-61 HSA	Drilled By	TACOMA PUMP AND DRILLING, INC.	Hammer Weight/ Drop (lbs/in.)	140#/30"
Groundwater Level (ft bgs)	21	Sampler Type	SPLIT SPOON	Approx. Surface Elevation (feet)	NOT SURVEYED
Diameter of Hole (inches)	8	Diameter of Well (inches)	4	Type of Well Casing	SCH 40 PVC	Screen Perforation	0.010" PVC SLOT
Type of Sand Pack	10/20 SILICAL SAND	Type/Thickness of Seal(s)	CONCRETE 0-2 FT BENTONITE 2-27 FT		
Comments	UP GRADIENT WELL				

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/6in	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	SAMPLES Recovery %	SAMPLES	SAMPLES Rate (time)	REMARKS
0						Surface: Loose, silty fine SAND; red/brown, dry					
						1': Loose silty fine SAND with little fine to medium gravel; red/brown, slighly damp					
5		X	1			7': Same as above; gravel increasing					
						9': Dense fine sandy fine GRAVEL; gray, dry					
10		X	2								
						14': Loose fine sandy SILT and silty SAND with trace fine gravel; gray, dry					
		X	3			15': Loose to medium dense fine sandy fine GRAVEL; gray, dry					
15											
						19.5': Loose fine sandy SILT and silty fine SAND; gray, dry					
20		X	4			20': Dense fine to coarse sandy silty coarse GRAVEL; gray, moist to wet					Final water level at 21'

Woodward-Clyde Consultants

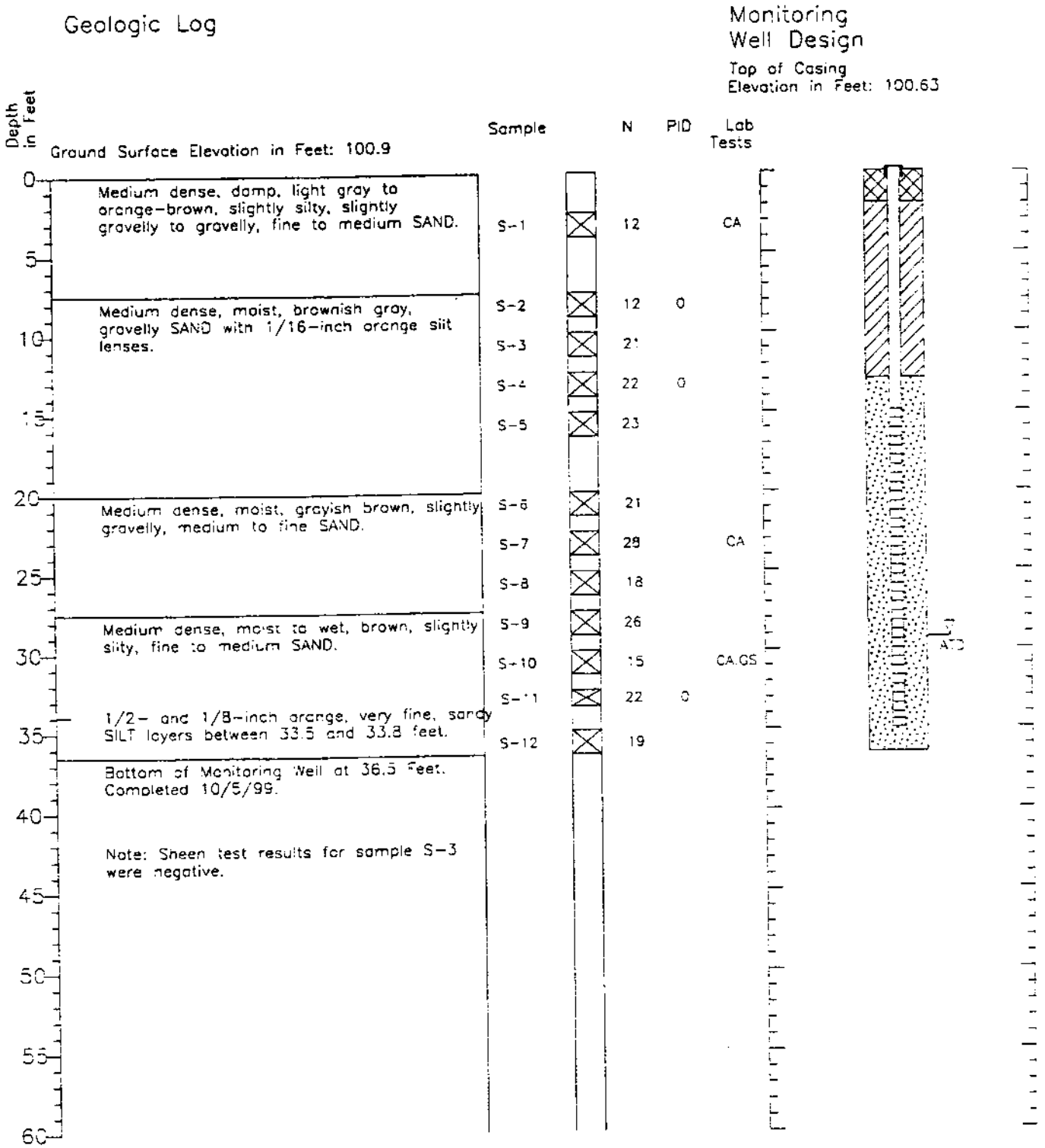
Project: BAXTER
Project Location: ARLINGTON
Project Number: 90C0456A/6000

Log of Boring MW-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/6in	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	SAMPLES Recovery %	SAMPLES	SAMPLES Rate (ml/m)	REMARKS
25		X	5								
30		X	6			29': Very loose silty fine to coarse gravelly, fine to coase SAND; gray, very wet to bottom of boring					
35		X	7							1150	
40						Boring terminated at 40 ft below ground surface					
45											
50											

Woodward-Clyde Consultants

Boring Log and Construction Data for Monitoring Well HC-MW-5



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

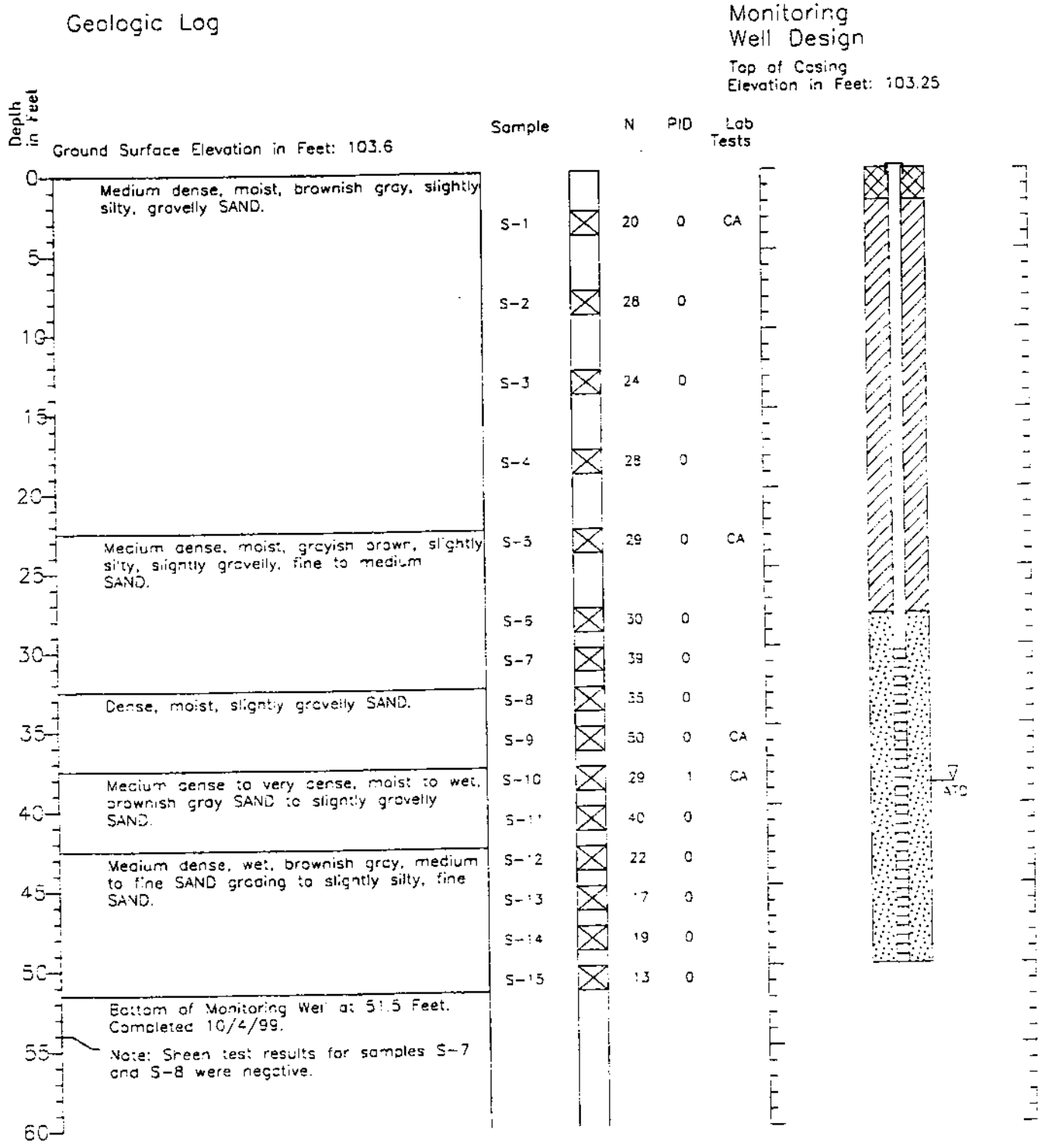
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J-7026-02 10/99

Figure A-9

ACAD LOG 2/23/00 1-1 WOSIK-B.PC7
7026021M-WELLS.DWG

Boring Log and Construction Data for Monitoring Well HC-MW-6

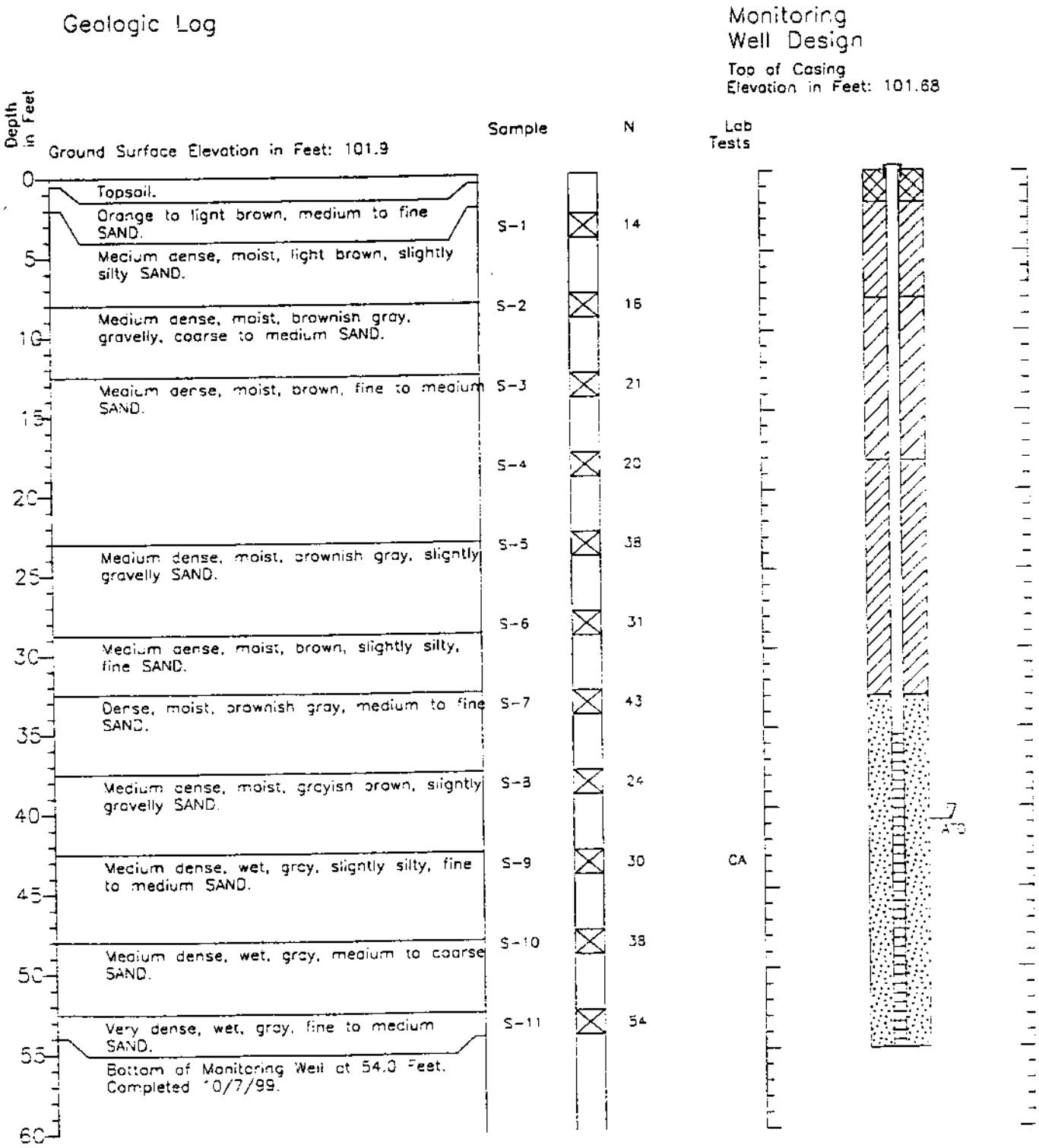


1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-02 10/99
Figure A-10

ACAD LOG 2/23/00 1:1 WDSIK-6.PC2
J:\7026\02\W-WELLS.DWG

Boring Log and Construction Data for Monitoring Well HC-MW-7



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-7026-02 10/99

Figure A-11

\CAD\LOG 2/23/00 1=1 WDSIK-8.PC2
J026021\A-WELLS.DWG

LOG OF EXPLORATORY BORING

PROJECT NAME J.H. Baxter South Woodwaste Landfill
LOCATION See Figure 1
DRILLED BY Pacific Testing Lab
DRILL METHOD H.S. Auger
LOGGED BY G.S. Mack

BORING NO. BXS- 1
PAGE 1 OF 2
SURFACE ELEV. 14+
TOTAL DEPTH 49.00
DATE COMPLETE 7/11/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							0 - 1 foot: SOIL.
1	SPT						1 - 4 feet: SAND; with gravel, dark yellowish brown, sand is fine to medium, gravel is subangular to subrounded, slightly damp. (SW)
2	SPT		5				4 - 14 feet: GRAVELLY SAND; mottled yellowish gray to olive gray, sand is fine to coarse, gravel is subround to subangular, damp. (SW)
3	SPT		10				
4	SPT		15				14 - 49 feet: SAND; medium olive gray, sand is fine to medium, thinnly interbedded silt. Trace of gravel at 38 feet, wet at 37 feet. (SP)
5	SPT		20				
6	SPT		25				
7	SPT		30				
8	SPT	▽	35				
			40				

REMARKS
1) Measuring point elevation: 99.60. 2) SPT = standard split spoon sampler. See end of DESCRIPTION column for "ADDITIONAL REMARKS".

SWEET-EDWARDS/EMCON

BAXTR.GOT.01/19/89

LOG OF EXPLORATORY BORING

PROJECT NAME	J.H. Baxter South Woodwaste Landfill	BORING NO.	BXS-1
LOCATION	See Figure 1	PAGE	2 OF 2
DRILLED BY	Pacific Testing Lab	SURFACE ELEV.	'±
DRILL METHOD	H.S. Auger	TOTAL DEPTH	49.00
LOGGED BY	G.S. Mack	DATE COMPLETE	7/11/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							(continued) 14 - 49 feet: See previous page for lithologic description.
9	SPT		45				
10	SPT						
			50				Boring terminated at 49 feet.
							ADDITIONAL REMARKS: Well Construction Details - 0-39 feet, 2 inch schednle 40, PVC, blank riser pipe; 39-49 feet, 2 inch schedule 40, PVC, 0.020 inch slotted. Backfill - 0-1 foot, concrete; 1-4 feet, dry bentonite chips and heave; 4-34 feet, bentonite slurry; 34-37 feet, natural heave; 37-49 feet, sand, Colorado Silica, 10-20.
			55				
			60				
			65				
			70				
			75				
			80				

REMARKS

LOG OF EXPLORATORY BORING

PROJECT NAME	J.H. Baxter South Woodwaste Landfill	BORING NO.	BXS-2
LOCATION	See Figure 1	PAGE	1 OF 2
DRILLED BY	Pacific Testing Lab	SURFACE ELEV.	±
DRILL METHOD	H.S. Auger	TOTAL DEPTH	54.00
LOGGED BY	G.S. Mack	DATE COMPLETE	7/6/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							0 - 4 feet: FILL; wood chips, moderate to dark yellowish brown.
			5				4 - 14 feet: SAND and GRAVEL; mottled light to olive gray, sand fine to coarse, gravel subangular to subrounded, damp. (SW/GW)
1	SPT		10				
2	SPT		15				14 - 54 feet: SAND; light olive gray, sand is fine with some medium, some silt as thinnly bedded silt, sand layers, moist. (SW/SM)
3	SPT		20				
4	SPT		25				
5	SPT		30				
6	SPT		35				
7	SPT	▽	40				

REMARKS

1) Measuring point elevation: 99.81. 2) SPT = standard split spoon sampler. See end of DESCRIPTION column for "ADDITIONAL REMARKS ".

SWEET-EDWARDS/EMCON

LOG OF EXPLORATORY BORING

PROJECT NAME	J.H. Baxter South Woodwaste Landfill	BORING NO.	BXS-2
LOCATION	See Figure 1	PAGE	2 OF 2
DRILLED BY	Pacific Testing Lab	SURFACE ELEV.	'±
DRILL METHOD	H.S. Auger	TOTAL DEPTH	54.00
LOGGED BY	G.S. Mack	DATE COMPLETE	7/6/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
8	SPT		45				(continued) 14 - 54 feet: SAND (SW/SM); see previous page for lithologic description.
9	SPT		50				
10	SPT		55				Boring terminated at 54 feet.
			60				ADDITIONAL REMARKS: Well Construction Details - 0-42 feet, 2 inch schedule 40, PVC, blank riser pipe; 42-52 feet, 2 inch schedule 40, PVC, 0.020 inch slotted. Backfill - 0-1 foot, concrete; 1-20 feet, bentonite slurry; 20-41 feet, Native heave; 41-52 feet, sand, Colorado Silica, 10-20; 52-54 feet, Native heave.
			65				
			70				
			75				
			80				

REMARKS

LOG OF EXPLORATORY BORING

PROJECT NAME J.H. Baxter South Woodwaste Landfill
LOCATION See Figure 1
DRILLED BY Pacific Testing Lab
DRILL METHOD H.S. Auger
LOGGED BY G.S. Mack

BORING NO. BXS-3
PAGE 1 OF 2
SURFACE ELEV. ±
TOTAL DEPTH 44.00
DATE COMPLETE 7/7/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHOGRAPHIC COLUMN	DESCRIPTION
							0 - 2 feet: SOIL.
1	SPT		5				2 - 21 feet: GRAVELLY SAND; mottled to moderate yellowish brown to medium gray, sand is fine to coarse, gravel to 2" subrounded to subangular, trace of silt, poorly graded, medium dense to dense, moist. (SW)
2	SPT		10				
3	SPT		15				
4	SPT		20				
5	SPT		25				21 - 44 feet: SAND with SILT; light olive gray to medium gray, trace of clay, sand is fine to medium, stratified fine sand, medium sand, and silt, medium dense, moist, wet below 35 feet, very soft to soft. (SP)
6	SPT		30				
7	SPT	▽	35				
8	SPT		40				

REMARKS
1) Measuring point elevation: 99.03 2) SPT = standard split spoon sampler. See end of DESCRIPTION column for "ADDITIONAL REMARKS".

LOG OF EXPLORATORY BORING

PROJECT NAME J.H. Baxter South Woodwaste Landfill
LOCATION See Figure 1
DRILLED BY Pacific Testing Lab
DRILL METHOD H.S. Auger
LOGGED BY G.S. Mack

BORING NO. BXS-3
PAGE 2 OF 2
SURFACE ELEV. ±
TOTAL DEPTH 44.00
DATE COMPLETE 7/7/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							(continued) 21 - 44 feet: See previous page for lithologic description.
9	SPT		45				Boring terminated at 44.0 feet.
			50				ADDITIONAL REMARKS: Well Construction Details - 0-32 1/2 feet, 2 inch schedule 40, PVC, blank riser pipe; 32 1/2-42 1/2 feet, 2 inch schedule 40, PVC, 0.020 inch slotted. Backfill - 0-1 foot, concrete; 1-27 feet, bentonite slurry; 27-31 feet, Natural heave; 31-42 1/2 feet, sand, Colorado Silica 10-20.
			55				
			60				
			65				
			70				
			75				
			80				

REMARKS

LOG OF EXPLORATORY BORING

ROJECT NAME	J.H. Baxter South Woodwaste Landfill	BORING NO.	BXS-4
OCATION	See Figure 1	PAGE	1 OF 2
RILLED BY	Pacific Testing Lab	SURFACE ELEV.	±
RILL METHOD	H.S. Auger	TOTAL DEPTH	49.00
LOGGED BY	G.S. Mack	DATE COMPLETE	7/8/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							0 - 1 feet: FILL; sand and gravel.
1	SPT		5				1 - 17 feet: GRAVELLY SAND; mottled light to dark yellowish brown, sand is fine to coarse, gravel weathered, subangular to subrounded, loose, moist, loose to dense. (GW)
2	SPT		10				
3	SPT	▽	15				
4	SPT		20				17 - 24 feet: SAND; olive gray, sand is fine to medium, medium dense to dense, moist. (SP)
5	SPT		25				24 - 37 feet: SILTY CLAY; medium plasticity, low dry strength, light olive gray, very soft to soft. (ML)
6	SPT		30				
7	SPT		35				
8	SPT		40				37 - 49 feet: SILTY SAND; with gravel, olive gray, decrease silt with depth, water bearing at 38 feet (confined aquifer), dense to very dense. (SW)

REMARKS

1) Measuring point elevation: 100.37 2) SPT = standard split spoon sampler. See end of DESCRIPTION column for "ADDITIONAL REMARKS".

SWEET-EDWARDS/EMCON

BAXTR.CJT.01/19/89

LOG OF EXPLORATORY BORING

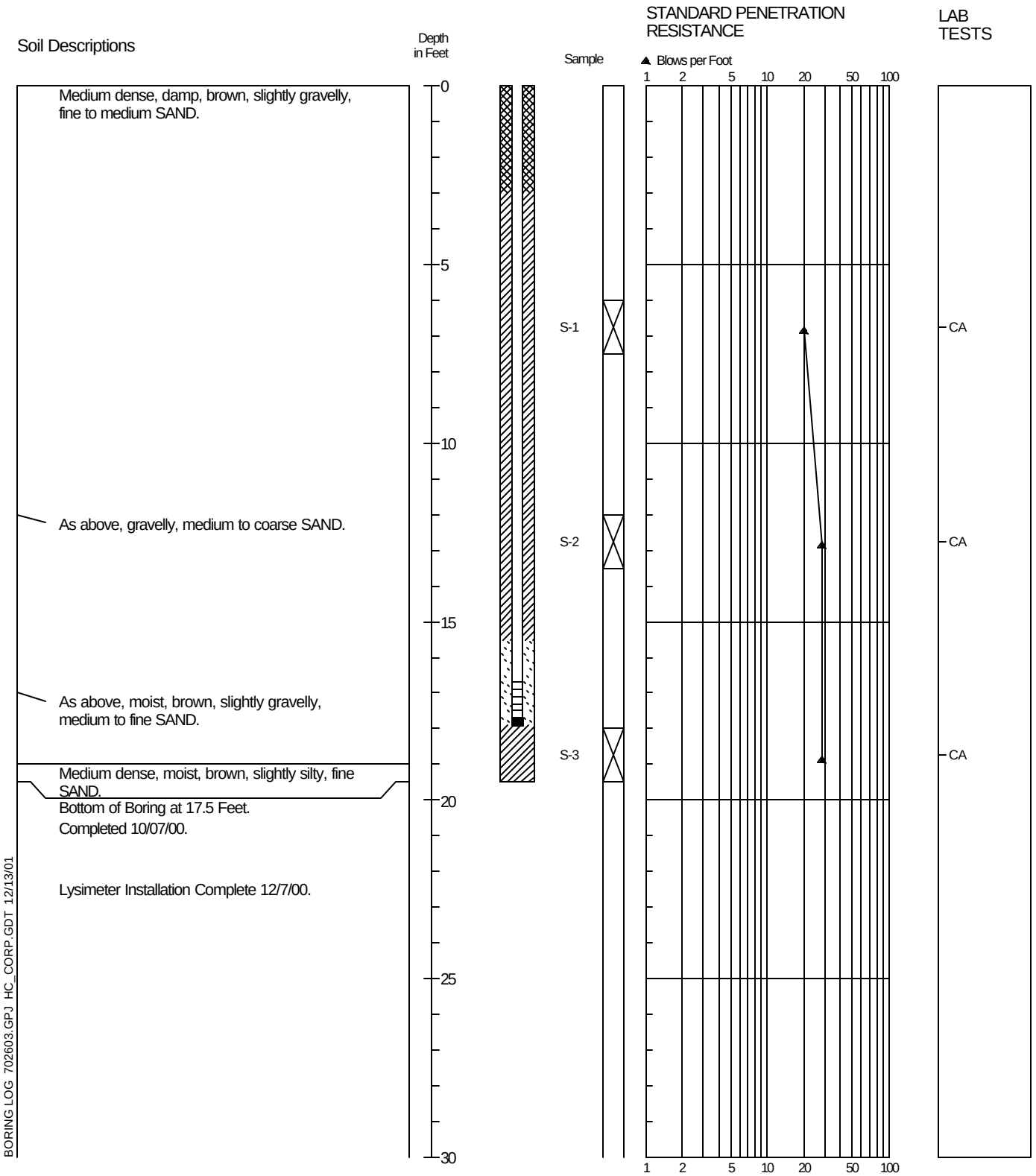
PROJECT NAME J.H. Baxter South Woodwaste Landfill
LOCATION See Figure 1
DRILLED BY Pacific Testing Lab
DRILL METHOD H.S. Auger
LOGGED BY G.S. Mack

BORING NO. BXS-4
PAGE 2 OF 2
SURFACE ELEV. ±
TOTAL DEPTH 49.00
DATE COMPLETE 7/8/88

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-GRAPHIC COLUMN	DESCRIPTION
							(continued) 37 - 49 feet: See previous page for lithographic description. (SW)
9	SPT		45				
10	SPT		50				Boring terminated at 49 feet.
			55				ADDITIONAL REMARKS: Well Construction Details - 0-37 1/2 feet, 2 inch schednie 40, PVC, blank riser pipe; 37 1/2-47 1/2 feet, 2 inch schedule 40, PVC, 0.020 inch slotted. Backfill - 0-1 foot, concrete; 1-32 feet, bentomite slurry; 32-36 feet, Native heave; 36-47 1/2 feet, sand, Colorado Silica, 10-20; 47 1/2-49 feet, Native material.
			60				
			65				
			70				
			75				
			80				

REMARKS

Boring Log and Construction Data for Lysimeter L-1



BORING LOG 702603.GPJ HC_CORP.GDT 12/13/01

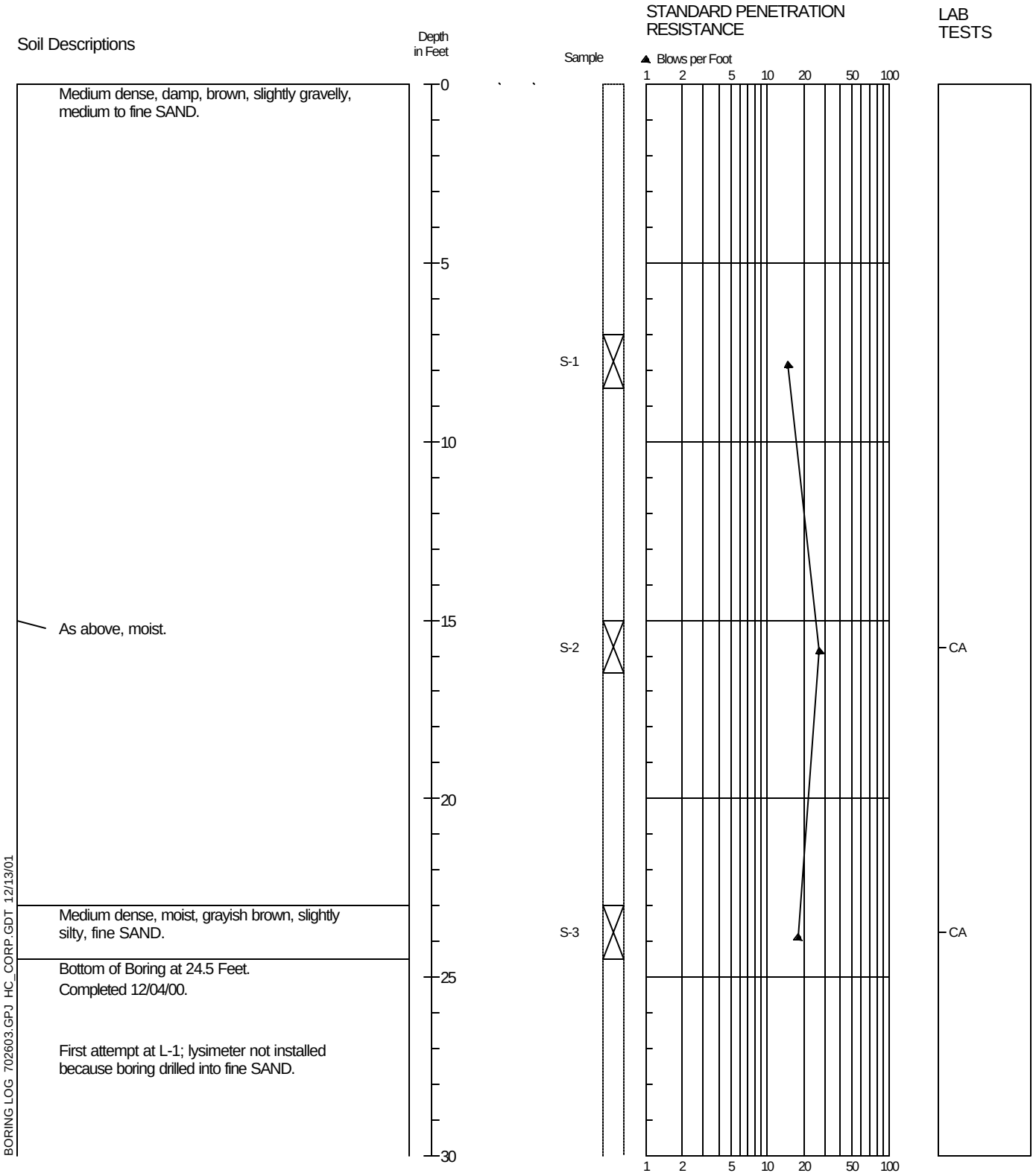
HARTCROWSER

J-7026-03 *10/00*

Figure A-2

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Boring Log L-2A



BORING LOG 702603.GPJ HC_CORP.GDT 12/13/01

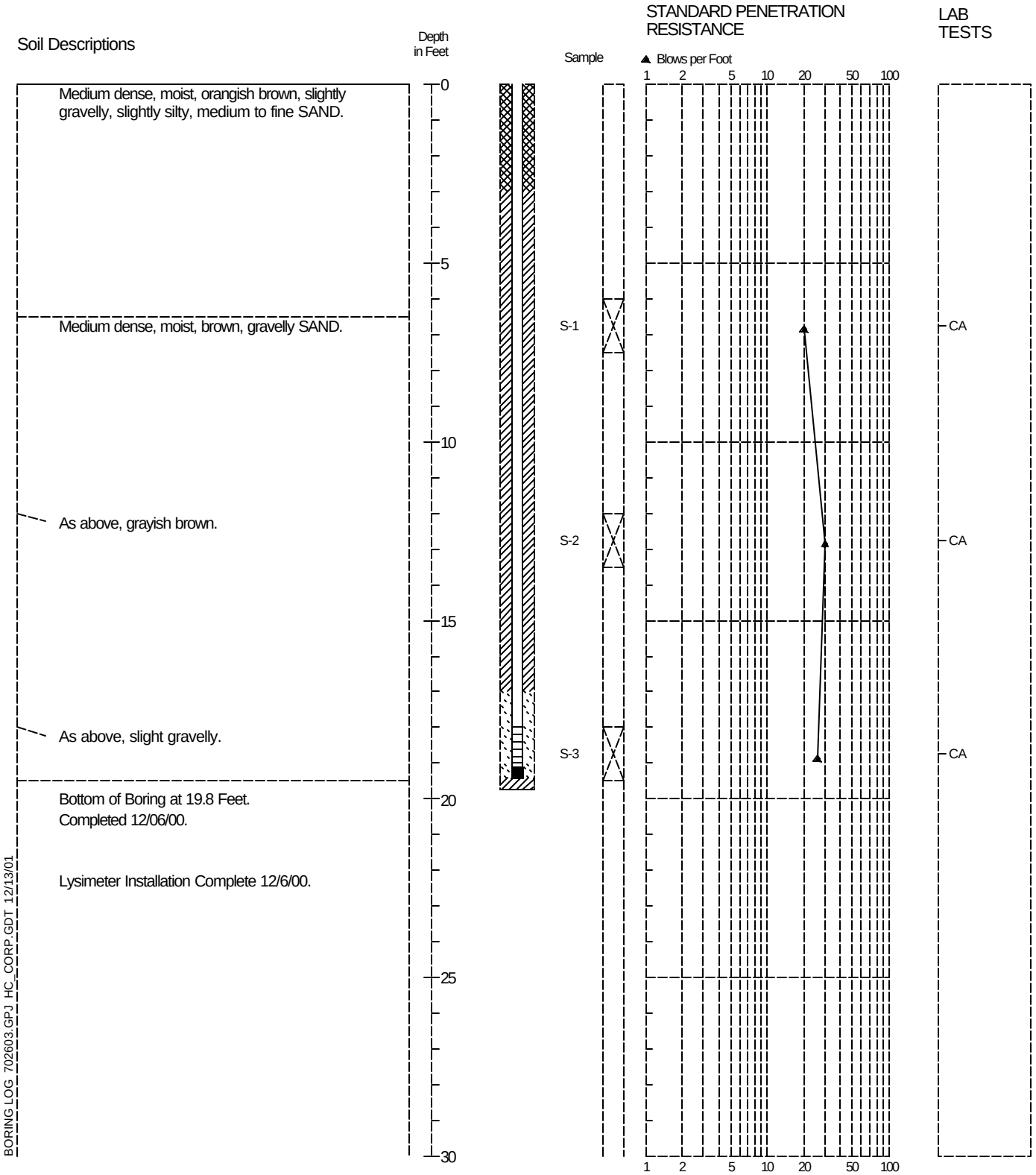
HARTCROWSER

J-7026-03 *12/00*

Figure A-3

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Boring Log and Construction Data for Lysimeter L-2



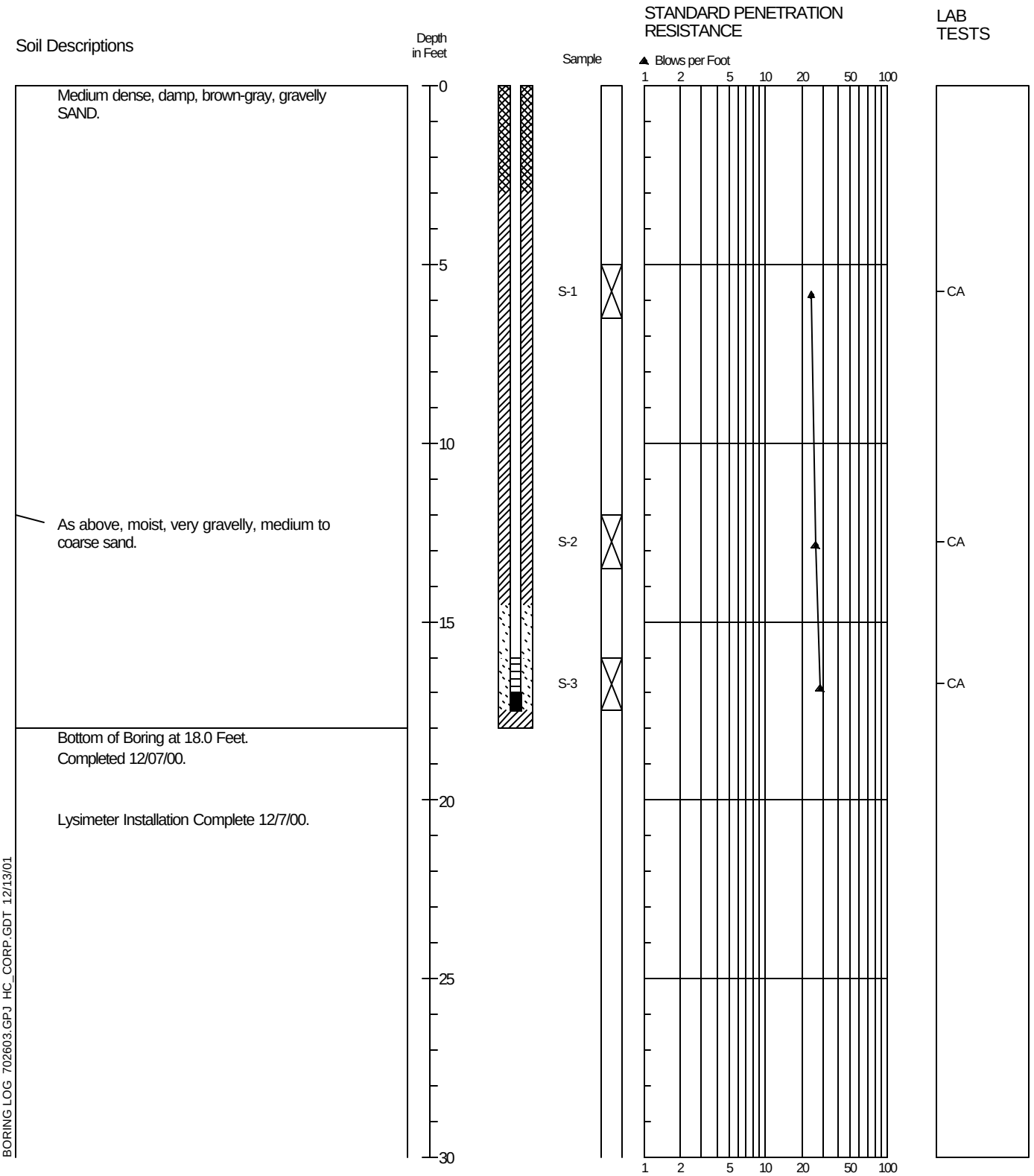
HARTCROWSER

J-7026-03 *12/00*

Figure A-4

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Boring Log and Construction Data for Lysimeter L-3



BORING LOG 702603.GPJ HC_CORP.GDT 12/13/01

HARTCROWSER

J-7026-03 *12/00*

Figure A-5

1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

Borehole ID: SB35 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/23/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 34 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0						FILL, road gravel, angular.	bentonite grout
2			100	0/N	SM	Silty SAND with gravel, gray. color change to black	
4	SO154		100	0/N	SW	SAND with gravel, brown.	
6			100	0/N			
8			80	0/N			
10			80	0/N	GW	GRAVEL with sand, brown and gray.	
12			80	0/N	SW	SAND with gravel, brownish gray.	
14	SO168		80	0/N			
16			80	0/N			
18			80	0/N			
20			80	0/N			
22			80	0/N			
24			100	0/N			
26			100	0/N			
28	SO175		100	0/N	▽	Water encountered at 29 feet.	
30			100	0/N		SAND, brown, wet.	
32			2				
34						Total depth 34 feet.	
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB36 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/23/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 34 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
			100			FILL, road gravel, angular.	
2					SW	SAND, brown, trace gravel.	
4	SO150		80	0/N		SAND with gravel, brown.	
6			80	0/N			
8			80	0/N			
10			80	0/N			
12			0			No recovery, rock blocked auger.	
14	SO155		80	0/N		SAND, brown, trace gravel.	
16			80	0/N	SW	SAND with gravel.	
18			80	0/N			
20			80	0/N			
22			75	0/N	GW	GRAVEL with sand.	
24			75	0/N	SW	SAND with gravel.	
26			80	0/N		Fine to medium SAND.	
28	SO162		80	0/N	SP	Water encountered at 29 feet.	
30			25	0/N			
32			25				
34						Total depth 34 feet.	
36							

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB37

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/23/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 39 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite chips
						FILL, road gravel, angular.	
2			80	0/N	SP	Fine to medium SAND with gravel brown.	
4			85	0/N			
6	SO134		85	0/N		Medium to coarse SAND with gravel, brownish gray.	
8			85	0/N			
10			85	0/N			
12	SO137		85	5.8/N			
14			85	7.9/N			
16			85	4.7/N			
18			85	6.9/N			
20			85	5.8/Y			
22	SO142		85	31.0/Y	GW	GRAVEL with sand, brownish gray, residual NAPL observed.	
24			85	29.6/Y			
26			85	31.0/Y			
28			85	14.8/Y			
30	SO146		100	0/N	SP	Fine to medium SAND, brownish gray. Water encountered at 31 feet.	
32			100	0/N			
34			100	0/N			
36							

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB37

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
						SAND with gravel, brown.	
38		☒	50	0/N	SP	Fine to medium SAND, brownish gray.	☒
			50				
40						Total depth 39 feet.	
42							
44							
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

☒ Sample submitted for analysis ☒ Sample examined ▼ Static water level ▽ Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB38 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/27/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 37 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite grout
						FILL, road gravel, angular.	
2					SW-SM	SAND with silt, brown.	
4	SO205		75	39.5/Y	SW	SAND with gravel, brown.	
6			75	53.3/Y			
8			50	45.8/Y			
10			50	19.9/Y			
12			50	16.5/Y			
14			100	22.9/Y	GW	GRAVEL with sand, brownish gray.	
16	SO211		100	45.4/Y		Residual NAPL observed at 16 feet.	
18			100	21.4/Y			
20			100	8.3/Y	SW	SAND with gravel, brownish gray, residual NAPL observed.	
22			100	6.4/Y			
24			100	7.1/Y			
26	SO216		100	3.4/N	SP	Fine to medium SAND, brown, moist.	
28			100	1.1/N			
30	SO218		100	0/N	SM ▽	Fine silty SAND, brown and red layering, wet.	
32			100	0/N	SP	Fine SAND, brown, wet. Water encountered at 32 feet	
34			100	0/N			
36						Total depth 37 feet.	

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB39 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/26/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 38 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					GW	GRAVEL with sand	bentonite grout
2							
4			100			Black wood chips	
6			100				
8			100	13.7/Y	SW	SAND with gravel, dark brown.	
10	SO191		100	17.3/Y		brown residual NAPL observed	
12			100	10.8/Y		no residual NAPL observed	
14	SO193		100	9.0/N			
16			100	9.4/N			
18	SO195		100	0/N			
20			100	4.7/N		SAND, brown.	
22			100	6.5/N			
24			100	4.3/N		SAND with gravel, brownish gray.	
26			100	0/N			
28			100	6.5/N		SAND, brown.	
30	SO201		100	0/N		wet	
32			100	0/N		Water encountered at 33 feet.	
34			100	0/N			
36							

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB39

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol		Lithologic Description	Borehole Completion
38		☒	100	0/N		SW	SAND, brown, wet.	☒
							Total depth 38 feet.	
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70								
72								
74								
76								
78								
80								

☒ Sample submitted for analysis ☒ Sample examined ▼ Static water level ▽ Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB40 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/27/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 37 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
						FILL, road gravel, angular.	
2					SM	Silty SAND with wood chips, brown.	
4	SO259		75	0/N	SW	SAND with gravel, brownish gray.	
6			75	0/N			
8			50	0/N			
10			50	0/N			
12			50	0/N			
14			75	0/N			
16	SO265		75	0/N			
18			50	0/N			
20			50	0/N	GW	GRAVEL with sand, brownish gray.	
22			50	0/N	SW	SAND with gravel, brownish gray.	
24			100	0/N	SP	Fine SAND, brownish gray.	
26			100	0/N		6-inch layer of silty SAND Fine SAND.	
28			100	0/N			
30	SO272		100	0/N	SP		
32			100	0/N		Water encountered at 32 feet.	
34			100	0/N			
36						Total depth 37 feet.	

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB41 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/27/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 42 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite grout
						FILL, road gravel, angular.	
2					SW-SM	SAND with gravel and silt, brown.	
4	SO221		100	10.5/N	SW	SAND with gravel, brownish gray.	
6			100	0/N			
8			80	0/N			
10			80	4.1/N			
12			80	0/N			
14			80	12.4/N	GW	GRAVEL with sand, brownish gray.	
16	SO227		80	0/N			
18			50	6.8/N	SW	SAND with gravel, brownish gray.	
20			50	0/N			
22			50	0/N			
24	SO231		100	14.6/N	SP	Fine to medium SAND, brownish gray, trace gravel.	
26			100	0/N		Same as above, trace silt and no gravel.	
28			100	0/N		Fine to medium SAND, brownish gray.	
30			100	0/N			
32	SO235		100	0/N	▽	Water encountered at 32 feet.	
34			100	0/N			
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB41

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38		☒	100	0/N	SP	Fine to medium SAND, brownish gray.	bentonite grout
40		☒	100	0/N			
42		☒	100	0/N			
						Total depth 42 feet.	
44							
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

☒ Sample submitted for analysis ☒ Sample examined ▼ Static water level ▽ Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB42 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/27/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 43 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite grout
						FILL, road gravel, angular.	
2					SW	SAND, brown.	
						6-inch layer of black wood chips mixed with silty sand.	
4	SO240		100	0/N	SW	SAND with gravel, brown.	
6			100	0/N			
8			85	0/N	SW	SAND, brown, trace gravel.	
10			85	3.4/N			
12			85	1.9/N	GW	GRAVEL with sand, brownish gray.	
14			75	1.9/N			
16	SO246		75	1.5/N	SW	SAND with gravel, brownish gray.	
18			80	1.1/N			
20			80	1.1/N			
22			80	2.3/N			
24			75	2.3/N			
26			75	0/N			
28	SO252		100	1.1/N	SP	Fine to medium SAND, brown and red banding.	
30			100	0/N		color change to gray, wet	
32	SO254		100	0/N	▽	Water encountered at 33 feet.	
34			100	0/N			
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB42

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			100	0/N	SP	Fine to medium SAND, gray, wet.	bentonite grout
40			100	0/N		trace silt	
42			100	0/N			
44						Total depth 43 feet.	
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB43

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/12, 8/16/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Geoprobe®/Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 43 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
2			75		SW-SM	SAND with silt, brown.	bentonite grout
4			75		SW	SAND with gravel, brown.	
6			75				
8			25				
10			50				
12			65		SW	SAND, brownish gray.	
14			3				
16			80				
18			80				
20			100			SAND, brownish gray, trace gravel. Geoprobe® refusal at 18 feet, switched to hollow stem auger.	
22			100				
24			100				
26			100				
28			100				
30			100			Same as before without gravel.	
32			100				
34			100				
36			100				

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB43

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			100		SW	SAND, brownish gray. Water encountered at 38 feet.	bentonite grout
40			100				
42			100				
			100				
44						Total depth 43 feet. Temporary well set.	
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB44

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/12, 8/16/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Geoprobe®/Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 44 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
2			75		SW	SAND with gravel, brown.	bentonite grout
4			80				
6			60				
8			70				
10			70				
12			70		SP	Fine SAND.	
14			95		SW	SAND with gravel, brownish gray.	
16			100			Geoprobe® refusal at 16 feet, switched to hollow stem auger.	
18			100				
20			50				
22			100				
24			75			SAND, grayish brown.	
26			100		SP	Medium SAND, grayish brown.	
28			100		SW	SAND, grayish brown.	
30			100				
32			100				
34			100				
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB44

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			100			SAND with gravel, grayish brown. Water encountered at 39 feet.	bentonite grout
40			100		SW		
42			100				
44			100			Total depth 44 feet. Temporary well set.	
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB45 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/19/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 43 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
2			50		SW-SM	SAND with silt and gravel, brown, few wood chips.	
4			50	N	SW	SAND with gravel, gray.	
6			50		GW	GRAVEL with sand, gray.	
8			75	N			
10			100				
12			100	N	SM	Very fine silty SAND, light brown.	
14			100				
16			100	N			
18			100		SP	Very fine SAND, light brown.	
20						Medium SAND, grayish brown.	
22			100	N	SW	SAND.	
24			100		GW	GRAVEL with sand, grayish brown.	
26			100	N			
28			100				
30			100	N	SW	SAND, gray.	
32			100				
34			100	N			
36							bentonite grout

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB45

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			100		SW	SAND, gray, wet. Water encountered at 38 feet. Same as before with trace gravel.	bentonite grout
40			50				
42							
44						Total depth 43 feet. Temporary well set.	
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB46

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/19/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 43 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
2			10		SM	Silty SAND with gravel, brown.	
4			20	0/N	SW	SAND with gravel, gray.	
6			2		GW	GRAVEL with sand, gray.	
8							
10			25	0/N			
12			50		SW	SAND with gravel, gray.	
14			50	0/N	GW	GRAVEL with sand, gray.	
16			75		SW	SAND, grayish brown, trace gravel.	
18							
20			75	0/N		SAND with gravel, gray.	
22			100		SM	Very fine silty SAND, brown.	
24			100	0/N			
26			100				
28							
30			100	0/N			
32			100		SW	SAND.	
34			100	0/N		SAND with gravel.	
36							

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB46

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			50		SW	SAND with gravel. Water encountered at 38 feet.	bentonite grout
40			100				
42							
44						Total depth 43 feet. Temporary well set.	
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB47

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1			50			FILL, road gravel.	bentonite chips
2							
3			50		SW	SAND with angular gravel, brown.	
4							
5	SO128		75				
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB48

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1			50	0/N		FILL, angular road gravel.	
2					SW	SAND with gravel, brown.	bentonite chips
3							
4							
5	SO130		80	0/N			
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB49

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite chips
1			100	0/N		FILL, road gravel.	
2					SM	Silty SAND, brown, cross-bedded with dark layers.	
3							
4	SO132		100	0/N	SW	SAND with gravel, brownish gray.	
5							
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB50

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							bentonite chips
1			10	0/N		FILL, road gravel.	
2					GW	GRAVEL with sand, gray.	
3							
4							
5	SO131		100	0/N	SW	SAND with gravel, brown.	
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB51

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1			20	0/N		FILL, angular road gravel.	bentonite chips
2					SW	SAND with gravel, brown.	
3							
4							
5	SO129		80	0/N			
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB52 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/19/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 36 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0						Silty SAND with gravel, brown.	bentonite grout
4	SO047		100	0.7/N	SW	SAND with gravel, brownish gray.	
6			100	0/N			
8			100	0/N			
10			100	0/N			
12			50	0/N	GW	GRAVEL with sand, grayish brown.	
14			75	0/N	SW	SAND with gravel, grayish brown.	
16			75	2.8/N			
18	SO054		100	0/N		SAND, grayish brown.	
20			100	0/N			
22			100	1.1/N			
24			100	0/N			
26			100	0.7/N			
28			100	1.4/N		6-inch layer of silty fine SAND. Fine SAND, gray.	
30			100	0.7/N	SP	Water encountered at 31 feet.	
32							
34							
36						Total depth 36 feet. Temporary well set.	

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB53 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/21/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 35 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
						Wood chips	
2					SM	Silty SAND with gravel, brown.	
4			75	1.4/N		SAND with gravel, brownish gray.	
6	SO113		75	1.4/N			
8			100	9.0/N			
10			100	2.4/N			
12			100	3.5/N		SAND, brown, trace gravel. SAND with gravel, brownish gray.	
14			100	4.5/N			
16			100	9.0/N			
18			100	7.3/N		SAND, brown.	
20			100	7.3/N	SW		
22			100	9.4/N			
24	SO122		100	11.5/N			
26			100	7.3/N			
28			100	4.9/N			
30					▽	Water encountered at 30 feet.	
32			50				
34							
36						Total depth 35 feet. Temporary well set.	bentonite grout

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB54 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/21/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 32 feet
Surface Elevation:

Dept	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Description	Borehole Completion
0					SM	Silty SAND with gravel, brown.	bentonite grout
4	SO101		75	5.3/N	SW	SAND with up to 40% gravel, brownish gray.	
6			75	7.4/N			
8			100	8.1/N		Same as before with 20% gravel.	
10			100	4.6/N	SP	Medium to coarse SAND with gravel, brownish gray.	
12			100	7.8/N			
14	SO106		100	9.6/N			
16			75	7.8/N			
18			100	5.3/N	SW	SAND, brown, trace gravel.	
20			100	7.8/N			
22			100	10.3/N		Same as before without gravel.	
24			100	10.3/N			
26			100		▽	Water encountered at 27 feet.	
28			100				
30							
32						Total depth 32 feet. Temporary well set.	
34							
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB55 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/21/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 32 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND with gravel, brown.	bentonite grout
4	SO091		75	0/N	SW	SAND with gravel, light brown.	
6			15	0/N		color change to brownish gray.	
8			25	1.1/N			
10			75	0/N			
12			25	1.4/N	GW	GRAVEL with sand, brownish gray.	
14			75	0.4/N			
16			100	0.7/N	SW	SAND, grayish brown, trace gravel.	
18	SO098		100	4.6/N			
20			100	0/N		SAND, brownish gray.	
22							
24			100	0.7/N		moist	
26			100				
28			100			Water encountered at 27 feet.	
30							
32						Total depth 32 feet. Temporary well set.	
34							
36							

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB56 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/20/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 29 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND with gravel, brown.	bentonite grout
4	SO061		100	0/N	SW	SAND with gravel, brown.	
6			100	0/N			
8			100	0/N	GW	GRAVEL with sand, grayish brown.	
10			50	0/N			
12	SO065		75	0/N	SW	SAND with gravel, grayish brown.	
14			75	0/N			
16			100	0/N		SAND, grayish brown, trace gravel.	
18			100	0/N	SP	Fine to medium SAND, grayish brown.	
20			100	0/N			
22			100	0/N	SW	SAND, grayish brown, moist.	
24			100			Water encountered at 24 feet. Same as before, trace silt, wet.	
26			100				
28							
30						Total depth 29 feet. Temporary well set.	
32							
34							
36							

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB57 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/20/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 29 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND with gravel, brown.	bentonite grout
4	SO082		15	1.1/N	SW	SAND with gravel, grayish brown.	
6			25	1.8/N			
8			75	1.1/N			
10			50	1.4/N			
12	SO086		25	0.4/N	GW	GRAVEL with sand, brownish gray.	
14			50	1.1/N			
16			75	0.4/N	SW	SAND with gravel, brownish gray.	
18			100	0/N		SAND.	
20			100	2.1/N			
22			75			wet	
24			100		▽	Water encountered at 24 feet.	
26							
28							
30						Total depth 29 feet. Temporary well set.	
32							
34							
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB58 Page 1 of 1

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/20/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 32 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND with gravel, brown.	bentonite grout
4	SO071		50	0/N	SW	SAND with gravel, grayish brown.	
6			75	0/N			
8			75	0/N			
10			70	0/N	GW	GRAVEL with sand, grayish brown.	
12	SO075		75	0/N	SW	SAND with gravel, grayish brown.	
14			100	0/N	SP	Fine to medium SAND, grayish brown.	
16			100	0/N			
18			100	0/N			
20			100	0/N		Medium to coarse SAND, grayish brown.	
22			100	0/N		Same as before, trace gravel.	
24			100	0/N		Same as before, no gravel.	
26			100		▽	SAND with gravel. Water encountered at 27 feet.	
28			100		SW	SAND.	
30							
32						Total depth 32 feet. Temporary well set.	
34							
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB59

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1			15	0/N	SW-SM	SAND with silt and gravel, brown.	bentonite chips
2							
3					SW	SAND with gravel, dark brown.	
4							
5	SO126		100	0/N			
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB60

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 6 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1						SAND with silt and gravel, brown.	bentonite chips
2			100	0/N	SW-SM		
3							
4							
5	SO127		100	0/N			
6						Total depth 6 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB61 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/6/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Dames and Moore Sampler
Borehole Diameter: 6.75-inch
Total Depth: 34 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1						FILL, angular road gravel.	
2							
3					SW	SAND with gravel, brown.	
4						color change to brownish gray	
5	SO307		100 7/10/12	0 N			
6			100 12/15/16	0 N			
7							
8			100 15/18/20	0 N			
9			100 22/35/40	0 N			
10							
11			100 22/25/27	0 N			
12			100	0 N			
13							
14			100 15/16/16	0 N		SAND brownish gray, trace gravel.	
15	SO312		100 14/15/15	0 N		SAND with gravel.	
16							
17			100 10/12/15	0 N			
18			100 16/18/18				

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB61

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
19				0 N	SW	SAND with gravel.	bentonite grout
20			100 15/16/16				
21				0 N			
22			100 15/16/16				
23			100 12/13/13	0 N			
24			100 12/12/13			Fine to medium SAND, brown.	
25				0 N			
26			100 12/13/14				
27			100 10/11/12	0 N			
28					SP		
29	SO319		100 12/15/15	0 N	▽	Water encountered at 29 feet.	
30			100 12/14/16				
31				0 N			
32			100 12/13/13				
33				0 N			
34						Total depth 34 feet.	
35							
36							
37							
38							
39							
40							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB62

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/6/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Dames and Moore Sampler
Borehole Diameter: 6.75-inch
Total Depth: 34 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1						FILL, angular road gravel.	
2							
3						SAND with gravel, brown.	
4							
5	SO322		100 4/4/5	0 N			
6			100 7/12/15	0 N			
7							
8			100 12/15/15	0 N			
9			100 12/16/17				
10					SW	color change to brownish gray	
11			100 12/16/16	0 N			
12			100 15/12/12				
13				0 N			
14			100 12/15/13				
15	SO327		100	0 N			
16							
17			100 13/15/15	0 N			
18			100 12/12/13				

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB62

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
19				0 N	SW	SAND with gravel, brownish gray.	bentonite grout
20			100 10/11/12				
21			100 11/12/13	0 N			
22							
23			100 13/15/15	0 N			
24			100 10/11/12		SM	Silty fine SAND, brown, wet.	
25				0 N			
26			100 10/11/12			Fine to medium SAND, brown.	
27			100 10/11/12	0 N			
28							
29	SO334		100 10/11/12	0 N	SP	Water encountered at 29 feet. Same as before, trace gravel.	
30							
31			100 10/10/12	0 N			
32			100 10/10/11				
33			100 11/12/13	0 N			
34						Total depth 34 feet.	
35							
36							
37							
38							
39							
40							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB63

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/6/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Dames and Moore Sampler
Borehole Diameter: 6.75-inch
Total Depth: 37 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
1						FILL, angular road gravel.	
2							
3					SW	SAND, dark brown.	
4							
5			6/10/12			Wood chips, black and brown.	
6			25/30/32				
7							
8			24/37/40				
9							
10			20/23/26				
11			35/40/40				
12			100 7/10/11				
13							
14			100 20/24/25				
15	SO338		100 12/15/19	4.1 Y	SW	SAND with gravel, brownish gray, residual NAPL observed.	
16							
17			100 10/11/11	15.8 Y			
18			100 12/13/14				

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB63 Page 2 of 2

Depth (ft)	Sample Number	Sample Interval	% Recovery Blow Count	PID (ppm) Sheen	Group Symbol	Lithologic Description	Borehole Completion
19				18.8 Y	SW	SAND with gravel, brownish gray, residual NAPL observed.	bentonite grout
20			100 8/10/12				
21			100 10/10/11	12.8 Y			
22						SAND, trace gravel, brown, residual NAPL oberved.	
23	SO342		100 8/10/11	33.4 Y			
24			100 10/12/14				
25				22.9 Y			
26			100 15/16/18		SP	Medium SAND, brown, residual NAPL oberved.	
27			100 12/15/16	4.5 Y			
28						No residual NAPL observed.	
29			100 12/14/15	10.5 Y			
30			100 11/13/14				
31	SO346			5.6 N			
32			100 8/9/9			Water encountered at 32 feet.	
33			100 10/11/11	0 N	SM	Silty fine SAND, brown.	
34							
35			100 10/10/12	0 N			
36			100 15/15/16				
37						Total depth 37 feet.	
38							
39							
40							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB64 Page 1 of 2

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 10/15/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 45 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND, fine, light brown.	bentonite grout
4					SW	SAND with gravel, brown.	
6			20				
8			15			color change to brownish gray	
10			75				
12			50				
14							
16			80			Same as before, trace gravel.	
18					SP	Medium to coarse SAND, brownish gray.	
20							
22			90			Medium SAND, brownish gray.	
24							
26			90				
28					SW	SAND, trace gravel, brownish gray.	
30					SP	Fine to medium SAND, brownish gray.	
32			50				
34							
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB64

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38			50		SW	SAND with gravel, brownish gray. SAND, gray, wet. Water encountered at 40 feet.	bentonite grout
40							
42			75				
44							
46						Total depth 45 feet.	
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB65

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 10/14/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75-inch
Total Depth: 45 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0					SM	Silty SAND with gravel, dark brown.	bentonite grout
4					SW	SAND with gravel, brown.	
6			15				
8			10				
10			40			SAND, brownish gray.	
12						Same as before with gravel	
14			80				
16			85			SAND as before, trace gravel	
18					SP	Fine SAND, brownish gray.	
20			100		SP-SM	Fine SAND with silt, brownish gray.	
24							
26			70		SW	SAND, trace gravel, brownish gray.	
28							
30			95				
32							
34					SP	Fine to medium SAND, brownish gray.	
36							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Borehole ID: SB65

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38					SP	Fine to medium SAND, brownish gray.	bentonite grout
40						Water encountered at 40 feet.	
42					SW	SAND, brownish gray, wet.	
44							
46						Total depth 45 feet.	
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB2D

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/18/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Sonic
Sampling Method: Continuous core
Borehole Diameter: 8-inch
Total Depth: 103.5 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
2			100	0/N	SW	SAND with angular road gravel, dark brown.	bentonite grout
4			100	0/N		SAND with gravel, brown.	
6			100	0/N			
8			100	0/N		color change to brownish gray.	
10			100	0/N			
12			100	0/N			
14			100	0/N			
16			100	0/N			
18			100	0/N			
20			100	0/N			
22			100	0/N			
24			100	0/N			
26			100	0/N	SP	Fine to medium SAND, brownish gray.	
28			100	0/N	SW	SAND with gravel, brownish gray.	
30			100	0/N	SP-SM	Fine SAND with silt, brown.	
32			100	0/N	SP	Fine to medium SAND, brown.	
34			100	0/N			
36			100	0/N			
					SW		

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38					SW	SAND with gravel, brown.	bentonite grout
40			100	0/N			
42			100	0/N			
44			100	0/N	SP	Fine SAND, brown.	
46			100	0/N			
48			100	0/N			
50			100	0/N			
52	SO424		100	0/N			
54			100	0/N			
56			100	0/N			
58			100	0/N			
60			100	0/N			
62			100	0/N			
64			100	0/N	SW	SAND with gravel, brownish gray. color change to orange	
66			100	0/N		SAND with gravel, brownish gray.	
68			100	0/N			
70			100	0/N			
72			100	0/N	SP	Coarse SAND, brownish gray, trace gravel.	
74	SO436		100	0/N			
76			100	0/N			
78			100	0/N			
80							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
82					SP	Coarse SAND, brownish gray, trace gravel.	bentonite grout
84			100	0/N			
86			100	0/N			
88			100	0/N			
90			100	0/N			
92			100	0/N			
94			100	0/N			
96	SO446		100	0/N	ML	Sandy SILT, gray. 94 - 94.5 feet; as before with gravel 94.5 - 95 feet; SILT with sand, gray. 96 - 97 feet; SILT, dense, brown, organic.	
98			100	0/N			
100			100	0/N	SP-SM	SAND with gravel and silt, gray.	
102			100	0/N			
104					ML/ SP-SM	101.5 - 102.5 feet; SILT with sand and gravel, gray. 102.5 - 103 feet; SAND with gravel and silt, gray 103 - 103.5 feet; SILT with sand and gravel, gray. 103.5 feet; SILT, dense, brown, organic.	
106							
108							
110						Total depth 103.5 feet.	
112							
114							
116							
118							
120							
122							
124							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Borehole ID: SB3D

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/17/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Sonic
Sampling Method: Continuous core
Borehole Diameter: 8-inch
Total Depth: 102 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Borehole Completion
0							
			100	0/N		FILL, angular road gravel.	
					SM	Silty SAND with gravel, brown.	
2			100	0/N		SAND with gravel and wood chips, brown.	
4			100	0/N		SAND with gravel, brown.	
6			100	0/N			
8			100	0/N			
10			100	0/N			
12			100	0/N	SW		
14			100	0/N			
16			100	0/N			
18			100	0/N			
20			100	0/N			
22			100	0/N			
24			100	0/N		Fine to medium SAND, brownish gray, trace silt.	
26			100	0/N			
28			100	0/N	SP		
30			100	0/N		moist at 30 feet	
32			100	0/N		dry at 32 feet	
34			100	0/N		SAND with gravel, brownish gray.	
36			100	0/N	SW		

bentonite grout

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
38					SW	SAND, brownish gray.	bentonite grout
40			100	0/N			
42			100	0/N			
44			100	0/N	SW	SAND with gravel, brown. SAND, brown, trace gravel.	
46			100	0/N	SP	Coarse SAND with rounded gravel, brownish gray, wet.	
48			100	0/N			
50			100	0/N			
52	SO374		100	0/N		Same as before, trace rounded gravel, wet.	
54			100	0/N			
56			100	0/N			
58			100	0/N			
60			100	0/N			
62			100	0/N			
64			100	0/N			
66			100	0/N			
68			100	0/N			
70			100	0/N		Coarse SAND, brownish gray, wet.	
72			100	0/N			
74			100	0/N			
76	SO386		100	0/N			
78			100	0/N		Same as before, trace large cobbles.	
80			100	0/N			

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Borehole Completion
82				0/N	SP	Coarse SAND, brownish gray, trace large cobbles, wet.	bentonite grout
84			100	0/N			
86			100	0/N			
88			100	0/N			
90			100	0/N		Coarse SAND, gray.	
92			100	0/N			
94			100	0/N			
96			100	0/N			
98	SO397		100	0/N			
100			100	0/N	CL	CLAY, gray, dense.	
102			100	0/N		ROCK	
104					CL	CLAY with cobbles, gray.	
106						Total depth 102 feet.	
108							
110							
112							
114							
116							
118							
120							
122							
124							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Monitoring Well ID: MW-10

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/26/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75 inch
Total Depth: 43 feet
Surface Elevation: 143.30
Stickup: 1.69

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description
0						
1			25		SM	Silty SAND, reddish brown, trace gravel.
2						
3						
4						
5	SO183		100	0/N		SAND, brownish gray, trace gravel.
6						
7			100			Same as before with gravel.
8						
9						
10			50	0/N		SAND, brownish gray, trace gravel.
11					SW	
12			50			Same as before with gravel.
13						
14						
15	SO185		100	0/N		
16						
17			100			
18						

Well Completion: bentonite chips; 2- inch blank PVC

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19					SW	SAND, brownish gray, with gravel.	sand pack (10-20 sand)
20			100	0/N	SP	Fine to medium SAND, brownish gray.	2-inch well screen (20 slot)
21							
22			100				
23							
24							
25			100	0/N			
26							
27			100				
28							
29						Silty fine SAND, brownish gray.	
30	SO188		100	0/N			
31							
32			100				
33						Water encountered at 33 feet.	
34					SM	wet	
35			100	0/N			
36							
37			100				
38							
39					SP	Fine SAND, brownish gray, wet.	
40							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
41					SP	Fine SAND, brownish gray, wet.	
42							
43						Total depth 43 feet.	
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Monitoring Well ID: MW-11

Project: J.H. Baxter & Co. Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/26/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75 inch
Total Depth: 38 feet
Surface Elevation: 146.46
Stickup: -0.40

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description
0						
						FILL, road gravel, angular.
1						
						FILL, brown silty sand with gravel.
2						
3						
4						
5	SO177		100	0/N	SW	SAND, brown. Same as before with gravel.
6						
7			100			
8			100			
9						color change to grayish brown
10			100	0/N		
11						
12			100			
13						
14						
15	SO179		100	0/N		
16						
17			100			
18						

Well Completion: bentonite chips; 2- inch blank PVC; sand pack (10-20); 2-inch well screen (20 slot)

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Monitoring Well ID: MW-11

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19			100		SW	SAND, grayish brown, with gravel.	sand pack (10-20); 2-inch well screen (20 slot)
20			100	0/NS		color change to brown, no gravel.	
21						SAND with gravel, brown.	
22			100				
23							
24							
25			100	0/NS			
26							
27			100				
28					▽	Water encountered at 28 feet.	
29							
30	SO182		100	0/NS	SP	Fine to medium SAND, brown, wet.	
31							
32			100				
33							
34							
35							
36			100				
37							
38						Total depth 38 feet.	
39							
40							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Monitoring Well ID: MW-12

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/28/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75 inch
Total Depth: 38 feet
Surface Elevation: 144.48
Stickup: -0.69

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Well Completion
0							
1			50			FILL, gravel, angular.	
2							
3					SW	SAND with gravel, brown.	
4							
5			50			Wood chips, brown.	
6							
7			50		FILL		
8							
9			50				
10							
11			50				
12							
13			50				
14							
15	SO294		75	23.6/Y		GRAVEL with sand, dark gray, residual NAPL observed.	
16					GW		
17			75	27.0/Y			
18							

bentonite chips
4- inchstainless steel casing

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Monitoring Well ID: MW-12

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19	SO296		80	44.3/Y	SW	SAND with gravel, brown, residual NAPL observed.	sand pack (10-20 sand); 4-inch stainless steel well screen (20 slot)
20							
21			80	30.0/Y			
22						Same as before with trace gravel.	
23			80	24.0/Y			
24							
25			100	35.3/Y	SP	Fine SAND, brown, residual NAPL observed.	
26							
27			100	30.4/Y			
28							
29			100	29.3/Y			
30							
31			100	20.3/Y	SM	Silty fine SAND, odor.	
32							
33			100	9.4/N	SP	Fine SAND, no visual indications of NAPL. Water encountered at 33 feet.	
34							
35			100	11.3/N			
36							
37	SO305		100	3.8/N			
38							
39						Total depth 39 feet. Backfilled with sand to 38 feet.	
40							

Sample submitted for analysis | Sample examined | Static water level | Initial water level

N- No sheen observed S- Sheen observed

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/28/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75 inch
Total Depth: 42 feet
Surface Elevation: 147.40
Stickup: -0.78

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description
0						
1						FILL, angular road gravel.
2			15		SW-SM	SAND with silt and gravel, brown.
3						
4						
5			70	0/N	SW	SAND with gravel, black, trace wood chips.
6						
7	SO276		70	0/N		SAND with gravel, brown.
8						
9			75	0/N		color change to brownish gray
10						
11	SO278		75	0/Y		
12						
13			75	0/Y		
14						
15			75	3.0/Y		color change to dark brown, residual NAPL observed
16						
17			75	4.9/Y		
18						

Well Completion: bentonite chips; 4- inch stainless steel casing; sand pack (10-20 sand); 4-inch stainseel steel well screen (20 slot)

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19	SO282		75	9.4/Y	SW	SAND with gravel, dark brown, mobile NAPL observed.	sand pack (10-20 sand)
20							
21			75	13.9/Y			
22							
23			75	5.3/Y			
24							
25			80	12.8/Y			
26							
27			80	8.6/Y		Fine SAND, mobile NAPL observed.	
28							
29			80	6.8/Y			
30							
31			80	5.6/Y			
32						Water encountered at 32 feet.	
33	SO289		80	6.4/Y	SP		
34							
35			100	7.5/Y			
36							
37			100	1.1/Y		Same as before, residual NAPL observed.	
38							
39	SO292		100	1.1/Y			
40							4-inch stainless stell well screen (20 slot)

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
41		X	100	2.3/N	SP	Fine SAND as before.	sand backfill
42						Total depth 42 feet, backfilled to 37.	
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

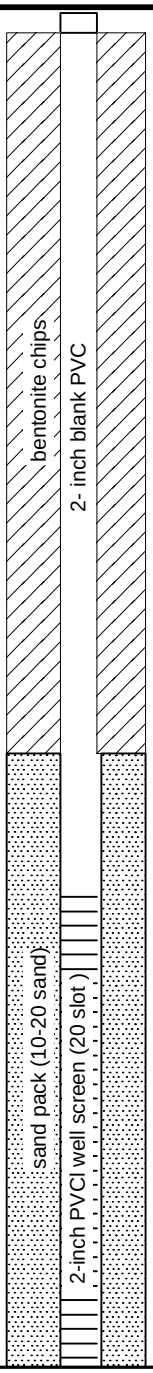
PREMIER

Monitoring Well ID: MW-14

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 8/22/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 6.75 inch
Total Depth: 38 feet
Surface Elevation: 139.88
Stickup: 1.82

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description
0	SO125		10	0/N		FILL, coarse gravel with sand and silt.
2			10	0/N	SW	SAND, trace gravel.
4			80	0/N	SP	SAND with gravel, medium to coarse sand, 20 - 30% gravel.
6			80			
9			100	0/N	SW	SAND with gravel, gray.
14			75	0/N		
18						



Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

PREMIER

Monitoring Well ID: MW-14

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19					SW	SAND with gravel, gray.	sand pack (10-20 sand)
20						Fine to medium SAND, brownish gray.	2-inch PVCI well screen (20 slot)
21			100	0/N			
22							
23							
24							
25							
26			100	0/N			
27							
28					▽	Water encountered at 28 feet.	
29					SP		
30							
31			100	0/N			
32							
33							
34						Same as before with trace gravel.	
35							
36			100	0/N			
37							
38						Total depth 38 feet.	
39							
40							

▨ Sample submitted for analysis ☒ Sample examined ▼ Static water level ▽ Initial water level

N- No sheen observed S- Sheen observed

Monitoring Well ID: MW-15

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 10/14/2002
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Continuous core
Borehole Diameter: 8-inch
Total Depth: 50 feet
Surface Elevation:
Stickup:

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm) /Sheen	Group Symbol	Lithologic Description	Well Completion
0					SM	Silty SAND with gravel, brown.	bentonite chips; 2- inch blank PVC
1			100				
2					SW	SAND with gravel, brown.	
3			100				
4							
5			10				
6							
7							
8			10				
9							
10							
11			90			SAND, brown, trace gravel.	
12							
13						SAND with gravel, brownish gray.	
14			80		SP	Fine SAND, brownish gray.	
15							
16			75		SW	SAND, trace gravel, brownish gray.	
17						SAND with gravel, brownish gray.	
18							

Sample submitted for analysis
Sample examined
Static water level
Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
19			100		SW	SAND, trace gravel, brownish gray.	bentonite chips
20							
21			90				
22							
23			95				
24							
25						Same as before, no gravel.	
26			100			SAND, trace gravel, brownish gray.	
27							
28			100		SP	Medium to coarse SAND, brownish gray.	sand pack (10-20 sand)
29							
30							
31			100				
32							
33			100				
34							
35						Coarse SAND, brownish gray.	
36			100			Medium SAND, brownish gray.	
37							
38			100		SW	SAND, brownish gray.	2-inch PVCl well screen (20 slot)
39							
40					▽	Water encountered at 40 feet.	

Sample submitted for analysis Sample examined Static water level Initial water level

N- No sheen observed S- Sheen observed

Depth (ft)	Sample Number	Sample Interval	% Recovery	PID (ppm)/ Sheen	Group Symbol	Lithologic Description	Well Completion
41			100		SW	SAND, brownish gray, wet.	sand pack (10-20 sand); 2-inch PVCl well screen (20 slot)
42							
43							
44							
45							
46							
47							
48							
49							
50						Total depth 50 feet.	
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							

Sample submitted for analysis Sample examined Static water level Initial water level

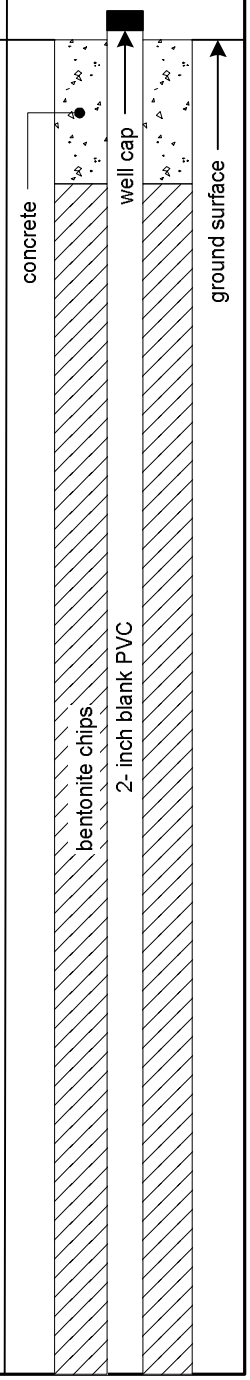
N- No sheen observed S- Sheen observed

Monitoring Well ID: MW-16

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/29/2003
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Split Spoon
Borehole Diameter: 8-inch
Total Depth: 50 feet
Depth to Water: 40 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Count	Group Symbol	Lithologic Description
5			50	14 22 30	SW	SAND with gravel, tan to brown
10	SO4000		50	14 28 33		SAND, grayish brown, trace gravel.
15			50	50/6		SAND with gravel, brownish gray.



Sample submitted to laboratory - on hold
Sample examined
Static water level
Initial water level

PREMIER

Monitoring Well ID: MW-16

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description
19					SW	SAND, trace gravel, brownish gray.
20	SO4001		100	17 23 29	SM	Fine SILTY SAND, tan to brown.
25			100	50/6	GW	GRAVEL with sand, gray.
30			70	30 50/6	SW	SAND, gray.
35			100	34 35 41	SP	Fine to medium SAND, gray.
40				25	▽	Water encountered at 40 feet.

Well Completion: bentonite chips; 2- inch blank PVC; sand pack (10-20 sand); 2-inch PVCl well screen (20 slot)

Sample submitted to laboratory - on hold | Sample examined | Static water level | Initial water level

Monitoring Well ID: MW-16

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description	Well Completion
41	SO4002		100	36 38	SP	Fine to medium SAND, gray.	sand pack (10-20 sand) 2-inch PVCI well screen (20 slot)
42							
43							
44							
45							
46			100	50/6			
47							
48							
49							
50							
51			100	50/6		Total depth 50 feet.	
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							

Sample submitted to laboratory - on hold

Sample examined

Static water level

Initial water level

Monitoring Well ID: MW-17

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/30/2003
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Split Spoon
Borehole Diameter: 8-inch
Total Depth: 55 feet
Depth to Water: 44 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Count	Group Symbol	Lithologic Description
0						
5			75	10 18 20	SP	Fine to medium SAND with gravel, tan to brown.
10	SO4003		50	50/6	SP-GP	Fine to medium sandy GRAVEL, brownish gray.
15			75	50 30 36	GW	GRAVEL with sand, grayish brown.
18						

Well Completion: concrete; well cap; bentonite chips; 2- inch blank PVC

Sample submitted to laboratory - on hold
Sample examined
Static water level
Initial water level

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description
19					GW	GRAVEL with sand, grayish brown.
20	SO4004		100	27 28 30	SP	Medium to coarse SAND, gray.
25			90	18 36 50		Coarse SAND with gravel, gray.
30			25	80/6	GW	GRAVEL with coarse sand, gray.
35			75	50/6	SP	Coarse SAND with gravel, gray.
40			50	100/5	GW	GRAVEL with coarse sand, gray.

Well Completion: bentonite chips; 2- inch blank PVC; sand pack (10-20 sand); 2-inch PVCl well screen (20 slot)

Sample submitted to laboratory - on hold | Sample examined | Static water level | Initial water level

Monitoring Well ID: MW-17

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description	Well Completion
41			50		GW	GRAVEL with coarse sand, gray.	sand pack (10-20 sand); 2-inch PVCl well screen (20 slot)
42							
43							
44						Water encountered at 44 feet.	
45	SO4005		100	20 50	SP	Fine SAND, gray, trace silt, wet.	
46							
47							
48							
49							
50			100	20 50/4		Fine SAND, gray, wet.	
51							
52							
53							
54						Heaving sands, no sample collected.	
55						Total depth 55 feet.	
56							
57							
58							
59							
60							
61							
62							

Sample submitted to laboratory - on hold

Sample examined

Static water level

Initial water level

PREMIER

Monitoring Well ID: MW-18

Project: J.H. Baxter & Co. - Arlington Facility
Location: Arlington, WA
Contract Number: 201029
Geologist/Engineer: Evalyn Albright
Drilling Date(s): 9/30/2003
Drilling Contractor: Cascade Drilling

Drilling Method: Hollow Stem Auger
Sampling Method: Split Spoon
Borehole Diameter: 8-inch
Total Depth: 55 feet
Depth to Water: 45 feet
Surface Elevation:

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Count	Group Symbol	Lithologic Description	Well Completion
0							concrete; well cap
5			50	14 20 24	GW	Gravel with sand, gray.	bentonite chips; 2- inch blank PVC
10	SO4006		70	18 30 32		Same as before.	
15			75	30 32 34	SP	Coarse SAND with gravel, gray.	
18							

Sample submitted to laboratory - on hold
Sample examined
Static water level
Initial water level

PREMIER

Monitoring Well ID: MW-18

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description
19					SP	Coarse SAND with gravel, gray.
20	SO4007		100	20 23 26		Medium to coarse SAND, grayish brown.
21						
22						
23						
24						
25			100	50/6		Coarse SAND with gravel, gray.
26						
27						
28						
29						
30			100	32 40 46		Medium to coarse SAND, gray.
31						
32						
33						
34						
35			100	20 28 33	SW	SAND with gravel, gray.
36					SM	Very fine SILTY SAND.
37					SW	SAND with gravel, gray.
38						
39						
40			100	18	SP	Fine SAND, brownish gray.

Well Completion: bentonite chips; 2- inch blank PVC; sand pack (10-20 sand); 2-inch PVCl well screen (20 slot)

Sample submitted to laboratory - on hold

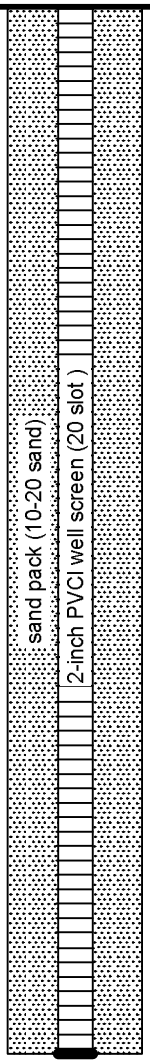
Sample examined

Static water level

Initial water level

Monitoring Well ID: MW-18

Depth (ft)	Sample Number	Sample Interval	% Recovery	Blow Counts	Group Symbol	Lithologic Description	Well Completion
41			100	21 26		Fine SAND, brownish gray.	
42							
43							
44							
45	SO4008		100	23 26 29	SP	Same as before, color change to gray, wet. Water encountered at 45 feet.	
46							
47							
48							
49							
50			80	31 50		Same as before, trace silt.	
51							
52							
53							
54						Heaving sands, no sample collected.	
55						Total depth 55 feet.	
56							
57							
58							
59							
60							
61							
62							



Sample submitted to laboratory - on hold

Sample examined

Static water level

Initial water level

PREMIER

Appendix G

Supplemental Groundwater Investigation Boring Logs and Well Construction Details

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 14, 2009
Borehole Diameter: 6 inch
Borehole Depth: 80 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-66

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug		moist		10,12,14	0–6			SW	SAND AND GRAVEL: brown, subangular to subrounded, poorly sorted
Bentonite Chips		moist		16,20,22	6–12			SW	
		moist		12,23,30	12–24			SW	
		moist		14,20,27	24–26			SW	
					26–30			SP	SAND: brown, medium to coarse, subangular, well sorted
		moist		17,21,30	30–36			SP	
	▽				36–40			SW	SAND: brown, medium to coarse, subangular, moderate sorted; Little Gravel, subrounded
		wet		50+	40–44			SP	SAND: brown, fine to medium sand, well sorted

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 14, 2009
Borehole Diameter: 6 inch
Borehole Depth: 80 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-66 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips								SP	SAND: brown, fine to medium sand, well sorted
		wet		10,19,24	46			SM	SAND: brown, very fine to fine; Little Silt, well sorted
					48				
					50				@ 50-51 feet Hydropunch, wait 45 minutes, collected GW-66-1
					52				
					54				
		wet		8,23,27	56			SP	SAND: brown, very fine to medium, well sorted
					58				
					60				@ 60-61 feet Hydropunch, wait 40 minutes, collected GW-66-2
					62				
					64				
		wet		7,21,27	66			SW	SAND: brown, fine to coarse; Trace Gravel, well sorted
					68				
					70				@ 68.5-69.5 feet Hydropunch, wait 30 minutes, heaving sands, could not get to 70 feet bgs, collected GW-66-3
					72				
					74				
		wet		8,16,23	76			SP	SAND: brown, fine to medium, well sorted
					78				
					80				@ 80-81 feet Hydropunch, wait 45 minutes, collected GW-66-4
									Boring terminated at 80 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 15, 2009
Borehole Diameter: 6 inch
Borehole Depth: 80 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-67

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug		moist		9,10,12	6			SW	SAND AND GRAVEL: brown, fine to coarse; Little Gravel, subangular to subrounded, poorly sorted
Bentonite Chips		moist		16,18,20	10				
		moist		15,20,24	16				
		moist		5,14,19	20			SP	SAND: brown, very fine to coarse, subangular, well sorted
		moist		19,20,23	26				
		moist		15,22,22	30				
		moist		13,18,22	36			SW	SAND: brown, subangular, very fine to coarse; Trace Gravel, subangular, well sorted
	▽	wet		18,23,25	40			ML	SILT: brown; Little Clay; Some Sand, very fine to fine, low plasticity

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 15, 2009
Borehole Diameter: 6 inch
Borehole Depth: 80 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-67 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		10,16,20	46			ML	SILT: brown; Some Sand, very fine to fine, well sorted
					48				
					50				@ 50-51 feet Hydropunch, wait 84 minutes, only about 100 ml of water, go to 55 feet and try again, screen had fine sand and silt on it
					52				
					54				
					56				@ 55-56 feet wait 47 minutes, collected GW-67-1
					58				
					60				
		wet		5,8,7	62			SP	SAND: brown, very fine to fine, well sorted @ 62-63 feet Hydropunch, wait 45 minutes, collected GW-67-2
					64				
					66				
		wet		13,19,30	68				
					70				@ 70-71 feet Hydropunch, wait 30 minutes, collected GW-67-3
					72				
					74				
		wet		4,10,24	76			SW	GRAVEL: brown, fine to medium, subrounded; Some Sand, medium to coarse, subangular, well sorted
					78				@ 79-80 feet Hydropunch, wait 47 minutes, collected GW-66-4, collected duplicate 1 at this depth
					80				
									Boring terminated at 80 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 15 & 16, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-68

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug / Backfill		moist		12,18,22	6			SW	SAND AND GRAVEL: brown; Trace Cobbles, subangular to subrounded, moderately sorted
Bentonite Chips		moist		27, 55+	10				same as above, except some Cobbles
		moist		15,17,20	16				
		moist		10,11,13	20			SP	SAND: brown, fine to coarse; Trace Gravel, subangular, well sorted
		moist		15,19,24	26				
		moist		13,16,24	30				
	▽	moist		15,19,20	36				
		wet		19,27,34	40			SW	SAND AND GRAVEL: brown, medium to very coarse Sand, fine to medium Gravel, subangular to subrounded, moderately sorted

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 15 & 16, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-68 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill					46			SW	@ 45 feet Hydropunch, wait 35 minutes, collected GW-68-1
					48				
		wet		13,17,17	50			ML	SILT: brown; Trace Clay, low plasticity; Trace Sand, very fine, soft
					52				
					54				
					56				@ 55-56 feet Hydropunch, wait 52 minutes, collected GW-68-2
					58				
Bentonite Chips		wet		50+	60			SP	SAND: brown, fine to medium, subangular, well sorted
					62				
					64				@ 65 feet Hydropunch, wait 30 minutes, collected GW-68-3
					66				
					68				
		wet		50+	70				
					72				
					74				@ 75 feet Hydropunch, wait 40 minutes, collected GW-68-4
									Boring terminated at 75 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 16 & 17, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~37 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-69

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Cement Plug		moist		7,10,11	2, 4, 6			SW	SAND AND GRAVEL: brown, fine to coarse Sand; Trace Gravel, fine to coarse, subangular to subrounded, moderately sorted
Bentonite Chips		moist		18,20,21	8, 10, 12				
		moist		15,17,26	14, 16, 18				same as above, except little Gravel
		moist		13,20,20	20, 22, 24				trace Gravel, coarse, subrounded
		moist		17,22,26	26, 28			SP	SAND: brown, fine to coarse, subangular, well sorted
		moist		17,24,32	30, 32, 34				same as above except little Gravel, fine to coarse, subrounded
	▽	moist		13,21,27	36, 38			SW	SAND: brown, fine to coarse, subangular; Some Gravel, fine to coarse, subrounded, moderately sorted
		wet		50+	40, 42, 44			SP	SAND: brown, fine to coarse; Medium Cobble blocked end of split spoon

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 16 & 17, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~37 feet bls

PREMIER ENVIRONMENTAL SERVICES INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-69 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips					46				@ 45-46 feet Hydropunch, left overnight 900 minutes, collected GW-69-1
					48				
		wet		19,50+	50			SP	SAND: brown, fine to medium, subangular, well sorted
					52				
					54				
					56				@ 55-56 feet Hydropunch, wait 62 minutes, collected GW-69-2
					58				
		wet		18,21,25	60			SW	GRAVEL: brown, fine to medium, subangular; Some Sand, fine to coarse, subangular, well sorted
					62				
					64				
					66				@ 65-66 feet Hydropunch, wait 35 minutes, collected GW-69-3
					68				
				3,5,7	70				@70-71.5 no recovery
					72				
					74				@ 75-76 feet Hydropunch, wait 35 minutes, collected GW-69-4
									Boring terminated at 75 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 17, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-70

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug		moist		7,13,14	6			SW	SAND: brown, fine to coarse, subangular; Little Gravel, fine to coarse, subrounded
Bentonite Chips		moist		20,21,22	10				same as above, trace Cobbles
		moist		14,18,19	16				
		moist		35,50+	20				tip blocked by cobbles
		moist		32,50+	26				
		moist		21,32,38	30				moderately sorted
	▽	moist		50+	36				little Cobbles, rounded
		wet		16,19,20	40			ML	SILT: brown; Little Clay, low plasticity, moist, stiff

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 17, 2009
Borehole Diameter: 6 inch
Borehole Depth: 75 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-70 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips					46			ML	SILT: brown; Trace Clay, low plasticity, moist, stiff @ 45-46 feet Hydropunch, wait 35 minutes, collected GW-70-1
		wet		18,17,22	48			SP	SAND: brown, very fine to fine, subangular, well sorted
					50				
					52				
					54				@ 55-56 feet Hydropunch, wait 52 minutes, collected GW-70-2
					56				
					58				
		wet		5,7,6	60			SW	SAND: brown, fine to very coarse, subangular; Trace Gravel, fine, well sorted
					62				
					64				@ 65-66 feet Hydropunch, wait 90 minutes, collected GW-70-3
					66				
					68				
		wet		3,7,10	70			SP	SAND: brown, very fine to fine, subangular, well sorted
					72				
					74				@ 75-76 feet Hydropunch, wait 40 minutes, collected GW-70-4
									Boring terminated at 75 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 17 & 19, 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-71

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug (Backfill)		moist		10,12,13	6			SW	SAND: brown, fine to coarse, subangular, moderately sorted; Trace Gravel, fine to medium, rounded
Bentonite Chips		moist		8,13,15	10				same as above, trace Cobbles
		moist		16,18,21	16				
		moist		14,17,17	20				no cobbles
		moist		14,20,21	26				
		moist		15,22,24	30			ML	SILT: brown; Little Clay, low plasticity, medium stiff
		moist		17,20,23	36			SP	SAND: brown, very fine to fine, subangular, well sorted
	▽	very moist		13,15,21	40				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 17 & 19, 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-71 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		very moist		7,11,15	46–48			SP	SAND: brown, very fine to fine, subangular, well sorted
		wet		9,13,18	50–52			SW	SAND: brown, fine to very coarse; Trace Gravel, fine, subangular, well sorted
			X		54–56				@ 55-56 feet Hydropunch, first wait 30-40 minutes, second 25-45 minutes (sample twice to get enough water), collected GW-71-1
		wet		19,50+	58–60				
			X		62–64				@ 65-66 feet Hydropunch, wait 45 minutes, collected GW-71-2
		wet			66–70			SP	SAND: brown, very fine to medium, subangular, well sorted
			X		72–76				@ 75-76 feet Hydropunch, wait 45 minutes, collected GW-71-3
		wet		3,5,10	78–80				
			X		82–84				@ 85-86 feet Hydropunch, wait 45 minutes, collected GW-71-4
									Boring terminated at 85 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 22 & 23 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-72

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug					0			SW	SAND: brown, fine to coarse, subangular; Some Gravel, fine to coarse, subrounded, poorly sorted
		moist		11,14,18	6				
		moist		15,16,20	10				same as above, trace Cobbles
		moist		8,15,19	16				silt layer in middle
Bentonite Chips		moist		10,18,19	20				Sand: brown, fine to coarse, subangular, soft, non plasticity; Trace Gravel, fine to medium, subrounded; Trace Cobbles, poorly sorted
		moist		17,21,23	26			SP	SAND: brown, fine to medium, subangular
		moist		17,26,30	30				
		moist		14,18,25	36				very fine to fine Sand
	▽	very moist		12,13,18	40			SM-ML	SAND AND SILT: brown, very fine to fine; Silt in middle of sample; Trace Clay, medium stiff, very low plasticity

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 22 & 23 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-72 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill								SM-ML	
Bentonite Chips		wet		8,13,17	46			SP	SAND: brown, very fine to fine, well sorted
					48				
		wet		10,15,15	50				
					52				
					54				
					56				@ 55-56 feet Hydropunch, leave overnight (up to 17 hours), collected GW-72-1
					58				
		wet		7,10,16	60			SW	SAND AND GRAVEL: brown, fine to medium, subrounded, moderately sorted
					62				
					64				
					66				@ 65-66 feet Hydropunch, wait 35 minutes, collected GW-72-2
					68				
		wet		50+	70			SP	SAND: brown, very fine to coarse, subangular, moderately sorted
					72				
					74				@ 74-75 feet Hydropunch, wait 35 minutes, collected GW-72-3
					76				
					78				
		wet		9,10,15	80				
					82				
					84				@ 85-86 feet Hydropunch, wait 30 minutes, collected GW-72-4
									Boring terminated at 85 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 21 & 22 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-73

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug		moist		10,13,21	6			SW	SAND AND GRAVEL: brown, fine to coarse, subangular to subrounded; Trace Cobbles, poorly sorted
Bentonite Chips		moist		13,15,16	10				no Cobbles, moderately sorted
		moist		16,20,25	16				
		moist		12,21,30	20				trace Gravel; subrounded, moderately sorted
		moist		19,20,25	26				SAND: fine to very coarse; Trace Gravel, fine, well sorted
		moist		10,17,21	30			SP	SAND: brown, very fine to fine, moderately sorted
		moist		15,19,23	36				
	▽	moist		11,18,20	40				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 21 & 22 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-73 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		9,15,18	46			SP	SAND: brown, very fine to fine, moderately sorted
					48				
		wet		7,11,14	50				
					52				
					54				
			X		56				@ 55-56 feet Hydropunch, wait 12 hours, collected GW-73-1
					58				
		wet		50+	60				well sorted
					62				
					64				
			X		66				@ 65-66 feet Hydropunch, wait 35 minutes, collected GW-73-2
					68				
		wet		50+	70				
					72				
					74				
			X		76				@ 75-76 feet Hydropunch, wait 20 minutes, collected GW-73-3
					78				
		wet		50+	80				refusal
					82				
					84				@ 85-86 feet Hydropunch, wait 35 minutes, collected GW-73-4
			X						Boring terminated at 85 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 19 & 21, 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES, INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-74

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Plug / Backfill					0			SW	SAND: brown, fine to coarse, subangular; Little Gravel, fine to coarse, subrounded
		moist		11,11,13	6				
Bentonite Chips		moist		13,12,11	10				trace Cobbles, subrounded
		moist		15,17,18	16				
		moist		18,20,26	20				SAND: fine to medium, subangular, well sorted; Trace Gravel, fine to medium, subrounded
		moist		21,26,29	26				same as above, except one cobble in sample
		moist		15,18,18	30			SM-ML	SAND: @first 0.6', brown, very fine to medium, subangular, well sorted; @last 0.3' Silt: Trace Clay, medium stiff, low plasticity
		moist		11,16,19	36				SILT: brown; Trace Clay, medium stiff, low plasticity
	▽	very moist		16,20,23	40			SP	SAND: brown, very fine to fine, subangular, well sorted
					44				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: December 19 & 21, 2009
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~42 feet bls

PREMIER ENVIRONMENTAL SERVICES INC

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 209066.00 Task 2

Boring SB-74 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips		very moist		10,17,20	46			SP	SAND: brown, very fine to fine, subangular, well sorted
					48				
		very moist		21,50+	50				
					52				
					54				
					56				@ 55-56 feet Hydropunch, 41 hours (duplicate sample from 14:30 PM 12-19 to 12-21), collected GW-74-1 and GW-74-5
					58				
		wet		4,10,21	60			SW	SAND AND GRAVEL: brown, subangular, very fine to medium, moderated to well sorted; Trace Gravel, fine to medium, subrounded, poorly sorted
					62				
					64				@ 65-66 feet Hydropunch, wait 100 minutes, collected GW-74-2
					66				
					68				
		wet		9,13,20	70			SP	SAND: brown, very fine to fine, subangular, well sorted
					72				
					74				@ 75-76 feet Hydropunch, wait 30 minutes, collected GW-74-3
					76				
					78				
		wet		5,9,12	80				
					82				
					84				@ 85-86 feet Hydropunch, wait 30 minutes, collected GW-74-4
									Boring terminated at 85 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: June 29 & 30, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-75

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips		moist		4,8,12	52			SW	SAND: brown, fine to medium, subangular, well sorted; Trace Gravel, fine, subrounded, saturated
					54				
		moist		6,10,15	56				@55'-56': SAND: brown, very fine, saturated, well sorted @56.5': same as 50'-51.5'
					58				
			X		60				collected GW-75-1
					62				
					64				
		moist		6,7,8	66			SP	SAND: brown, very fine to fine, subrounded, saturated, well sorted
					68				
			X		70				collected GW-75-2
					72				
					74				
		moist		8,10,15	76				same as above
					78				
			X		80				collected GW-75-3
					82				
					84				
		moist		12,16,18	86			SW	SAND: brown, fine to medium, subangular, well sorted; Trace Gravel, fine, subrounded, saturated
					88				
					90				
					92				
					94				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: June 29 & 30, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-75 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		very moist		50+	96			SP	SAND: brown, very fine to fine, subangular, saturated, well sorted
					98				
					100				collected GW-75-4
									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: June 30 & July 1, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-76

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
									See Boring Log MW-31 for soil description from 0-50 ft bgs
Backfill		moist		5,13,15	52			SP	SAND: brown, very fine to fine, subangular, saturated, well sorted
					54				
		moist		10,13,14	56				same as above
					58				
			X		60				collected GW-76-1
					62				
					64				
		moist			66			SW	SAND: brown, fine to medium, subangular, saturated, well sorted; last 0.4' - Trace Gravel, fine, subrounded, moderately sorted
					68				
			X		70				collected GW-76-2
					72				
					74				
		moist		12,18,20	76			SP	SAND: brown, very fine to fine, subangular, saturated, well sorted
					78				
			X		80				collected GW-76-3
					82				
					84				
		moist		6,18,25	86				same as above
					88				
			X		90				collected GW-76-4
					92				
Bentonite Chips					94				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: June 30 & July 1, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-76 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips		very moist		11,18,22	96			SW	First 0.8' - SAND: brown, fine to medium, subangular, saturated, well sorted; Last 0.3' - GRAVEL: brown, fine to medium, subrounded, saturated, moderately sorted
					98				
					100				collected GW-76-5
									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

bgs = below ground surface

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

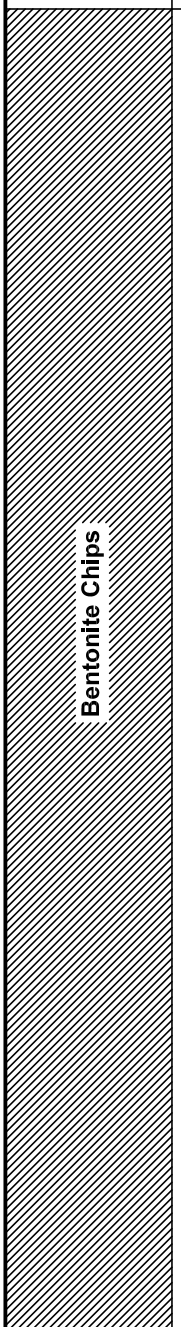
Location: Arlington, WA
Date Drilled: July 7, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-78

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a



Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								See Boring Log L-3 for soil description from 0-60 ft bgs
		X						collected GW-78-1
	moist		18,50+	62, 64, 66			SW	SAND: brown, medium to coarse, subangular, saturated, well sorted; Trace Gravel, subrounded, moderately sorted
		X		68, 70				collected GW-78-2
	moist		10,16,21	72, 74, 76				SAND: brown, medium to coarse, subangular, saturated, well sorted; Last 0.3' - Gravel, very fine to fine, well sorted
		X		78, 80				collected GW-78-3
	moist		16,20,26	82, 84, 86			SP	SAND: brown, fine to medium, subangular, saturated, well sorted
		X		88, 90				collected GW-78-4
	moist		14,24,30	92, 94, 96			GP	GRAVEL: gray, medium to coarse, subrounded, saturated; matrix a mixture of medium to coarse Sand, Silt and Clay, moderately sorted
				98, 100				Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

bgs = below ground surface

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 9, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: n/a

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-79

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips					62				collected GW-79-1
					64				
		moist		15,15,18	66			SW	SAND: brown, fine to medium, subangular, saturated, well sorted; Trace Gravel, fine, subangular
					68				
					70				collected GW-79-2
					72				
					74				
		moist		10,13,15	76			SP	SAND: brown, fine to medium, subrounded, saturated, well sorted
					78				
					80				collected GW-79-3
					82				
					84				
		moist		13,14,19	86				same as above
					88				
					90				collected GW-79-4
					92				
					94				
		moist		30+	96				same as above; heave in auger Some Silt/Clay on bit, likely in aquitard
					98				
					100				Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 12, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-80

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips					0			SW	SAND AND GRAVEL: brown; Trace Cobbles, subangular to subrounded, moderately sorted
		moist		12,18,22	6				
		moist		27, 55+	10				same as above, except some Cobbles
		moist		15,17,20	16				
		moist		10,11,13	20			SP	SAND: brown, fine to coarse; Trace Gravel, subangular, well sorted
		moist		15,19,24	26				
		moist		13,16,24	30				
	▽	moist		15,19,20	36				
		wet		19,27,34	40			SW	SAND AND GRAVEL: brown, medium to very coarse Sand, fine to medium Gravel, subangular to subrounded, moderately sorted

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 12, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-80 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips					46			SW	SAND AND GRAVEL: brown, medium to very coarse Sand, fine to medium Gravel, subangular to subrounded, moderately sorted
					48				
					50				
		wet		13,17,17				ML	SILT: brown; Trace Clay, low plasticity; Trace Sand, very fine, soft
					52				
					54				
					56				
					58				
					60				
			X						collected GW-80-1
					62				
					64				
					66				
					68				
					70				
			X						collected GW-80-2
					72				
					74				
					76				
					78				
					80				
			X						collected GW-80-3
					82				
					84				
		moist		7,12,12	86			SW	SAND: brown, fine to coarse; Trace Gravel and Trace Silt, loose, wet, no odor, no sheen
					88				

Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 12, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~38 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-80 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill					90			SW	SAND: brown, fine to coarse; Trace Gravel and Trace Silt, loose, wet, no odor, no sheen collected GW-80-4
					92				
					94				
		moist		9,17,17	96				same as above
					98				
					100				collected GW-80-5
Bentonite Chips									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 26, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-81

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill					0				Grass, soil surface
		damp		50 for 6"	6			SM	SILTY SAND: brown, fine to coarse; Trace Roots, medium dense, no odor, no sheen
		damp		20,22,27	10				SILTY SAND: brown, fine to medium; Trace Roots, medium dense, no odor, no sheen
		damp		22,27,28	16				SAND: brown to gray, fine to medium; Some Silt and coarse Sand, medium dense, no odor, no sheen
Bentonite Chips		moist		50 for 6"	20			SP	SANDY with Some Silt: browish gray, fine to coarse, medium dense, no odor, no sheen, trace rocks
		moist		50 for 6"	26				same as above
		moist		20,20,22	30				SAND: brownish gray, fine to medium; Trace Silt, Trace Clay, well graded, medium dense, no odor, no sheen
		moist		26,28,54	36				same as above with silt
	▽	wet		12,12,15	40				same as above

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 26, 2010
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-81 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips		wet		12,12,15	46			SP	SAND: brownish gray, fine to medium; Trace Silt, Trace Clay, well graded, medium dense, no odor, no sheen
					48				
		wet		13,14,17	50			SM	SILTY SAND: brownish gray, fine sand, medium dense, no odor, no sheen
					52				
		wet		9,9,10	54				
					56				same as above
					58				
					60				collected GW-81-1
					62				
		wet		10,10,12	64				
					66				same as above
					68				
					70				collected GW-81-2
					72				
		wet		9,9,10	74				
					76				same as above, Trace Gravel @76.5'
					78				
					80				collected GW-81-3
					82				
		wet		6,7,9	84				
					86				same as above
					88				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 26, 2010
Borehole Diameter: 6 inch
Borehole Depth: 85 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-81 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		8,9,9	90				collected GW-81-4
					92				
					94			SM	SILTY SAND: brownish gray, fine sand, medium dense, no odor, no sheen
					96				
					98				
					100				collected GW-81-5
									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 27, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-82

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips					2				Grass, soil surface
		damp		32,50 for 6"	4, 6			SM	SILTY SAND: brown, fine to medium, Trace Coarse Sand and Grass Roots, medium dense, no odor, no sheen
		damp		33,50 for 5"	8, 10			SW	SAND: brownish gray, fine to coarse, Trace Gravel and Silt, medium dense, no odor, no sheen
		damp		35,50 for 4"	12, 14, 16				same as above
		moist		12,12,15	18, 20			SP-SM	SAND with SILT: grayish brown, fine to medium, medium dense, no odor, no sheen
		moist		9,12,12	22, 24, 26				same as above
		moist		10,12,14	28, 30				same as above
		moist		7,8,8	32, 34, 36			SM	SILTY SAND: brownish gray, fine to medium, loose, no odor, no sheen
	▽	wet		6,7,8	38, 40				same as above
					42, 44				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 27, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-82 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips		wet		9,9,9	46			SM	SILTY SAND: brownish gray, fine to medium, loose, no odor, no sheen
					48				
		wet		9,9,9	50			SP-SM	decrease Silt content
					52				
					54				
		wet		7,7,9	56			SP-SM	SAND with SILT: gray Gravelly, fine to coarse, medium dense, no odor, no sheen
					58				
			X		60				collected GW-82-1, blind duplicate GW-82-2
					62				
					64				
		wet		6,8,8	66			SP-SM	SAND with SILT: gray, fine to medium, well sorted, loose, no odor, no sheen
					68				
			X		70				collected GW-82-3
					72				
					74				
		wet		6,7,8	76			SM	SILTY: gray, fine to medium, no odor, no sheen, soft
					78				
			X		80				collected GW-82-4
					82				
					84				
		wet		7,8,8	86				same as above
					88				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 27, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-82 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		7,8,10	90 92 94 96 98 100			SM	collected GW-82-5 SILTY SAND: brownish gray, fine sand, medium dense, no odor, no sheen collected GW-82-6 Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 28, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-83

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips					0				Grass, soil surface
		damp		50 for 4"	6			SW	SAND: brown, fine to coase, Trace Gravelly, Trace Silt, medium dense, no odor, no sheen
		damp		50 for 5"	10				same as above
		damp		32,50 for 4"	16				same as above
		damp		34,50 for 4"	20			SP-SM	SAND with SILT: brown, fine to coase, medium dense, no odor, no sheen
		damp		22,20,22	26				same as above
		damp		15,16,18	30			SM	SILTY SAND: brownish, gray, fine to coarse Sand, medium dense, no odor, no sheen
		moist		12,12,14	36				same as above
	▽	wet		10,10,12	40			SW	SAND: gray, fine to coase, Trace Gravelly, Trace Silt, medium dense, no odor, no sheen
					44				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 28, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-83 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips		wet		10,10,12	46–48			SW	SAND: gray, fine to coase, Trace Gravelly, Trace Silt, medium dense, no odor, no sheen
		wet		10,12,14	50–52			SM	SILTY SAND: gray, fine to medium, medium dense, no odor, no sheen
		wet		10,10,13	54–56				same as above
					58–60				collected GW-83-1
		wet		8,8,10	62–66				same as above
					68–70				collected GW-83-2
		wet		7,10,10	72–76				SILTY SAND: gray, fine to coarse, Trace Gravel, medium dense, no odor, no sheen
					78–80				collected GW-83-3
		wet		7,8,8	82–86				SILTY SAND: brownish gray, fine to coarse, medium dense, loose, soft, no odor, no sheen
					88				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: July 28, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40 feet bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-83 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		10,10,12	90, 92, 94, 96, 98, 100			SM	SILTY SAND: brownish gray, fine to coarse, medium dense, loose, soft, no odor, no sheen
									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 6 inch
Borehole Depth: 101 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40.5 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-84

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill									Gravel surface
		damp		8,8,8	4			GP-SP	SANDY GRAVEL: brown, fine to coarse, medium dense, no odor, no sheen
		damp		10,12,15	10				same as above
		damp		9,16,18	14				boulder @15'
Bentonite Chips		damp		50 for 3"	20			SM	SILTY SAND: brown, fine to coarse, medium dense, no odor, no sheen
		damp		12,14,19	24				@24.5' fine to medium sand
		damp		22,50 for 6"	30				same as above
		moist		12,12,14	34			ML	SANDY SILT: brown, fine sand, stiff, medium plasticity, dense, no odor, no sheen
	▽	wet		12,14,15	40			SM	SILTY SAND: brownish gray, fine to medium, medium dense, no odor, no sheen

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 6 inch
Borehole Depth: 101 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40.5 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-84 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips		wet		16,19,23	46			SM	SILTY SAND: brownish gray, fine to medium, medium dense, no odor, no sheen
					48				
		wet		6,15,17	50				same as above
					52				
		wet		10,23,24	54				same as above, increase fine sand with depth
		wet		10,11,15	56				same as above
					58				
		wet		50 for 6"	60				same as above
					62				
					64				silt layer @64.5' to 64.8'
		wet		15,50 for 6"	66				
					68				
					70				@70' brown, fine to coarse sand, dense, heaving sands
		wet		50 for 6"	72				
					74				
		wet		50 for 6"	76				@75' multicolored
					78				
			X		80				collected GW-84-1
					82				
		wet		50 for 6"	84				same as above
					86				
					88				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 6 inch
Borehole Depth: 101 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~40.5 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-84 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		50 for 6"	90 92 94 96 98 100			SM	SILTY SAND: brown, fine to coarse sand, dense, no odor, no sheen, collected GW-84-2 collected GW-84-3
									Boring terminated at 101 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 20, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~50 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-85

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Bentonite Chips					0				Gravel surface
		damp		10,10,16	10			GP-SP	SANDY GRAVEL: brown, fine to coarse, medium dense, no odor, no sheen
		damp		22, 50 for 6"	20				decrease Gravel content
		damp		8,20,25	30			SM	SILTY SAND: brown, fine to medium, dense, no odor, no sheen
		damp		23,50 for 5"	40				same as above

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 20, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~50 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-85 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite Chips	▽				46			SM	SILTY SAND: brown, fine to medium, dense, no odor, no sheen
					48				
		wet		50 for 6"	50			SP	SAND: brown, fine to coarse; Some Silt, dense, no odor, no sheen
					52				
					54				
					56				
					58				
		wet		50 for 6"	60				boulder @60.3' ; heaving soils
					62				
					64				
					66				
					68				
		wet		50 for 6"	70				same as above
					72				
					74				
		wet		50 for 6"	76				same as above
					78				
			⊠		80				collected GW-85-1
					82				
					84				
		wet		50 for 6"	86				same as above
					88				

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: n/a
Slot Size: n/a
Gravel Pack: n/a

Location: Arlington, WA
Date Drilled: October 20, 2010
Borehole Diameter: 6 inch
Borehole Depth: 100 feet
Well Diameter: n/a
Well Depth: n/a
Casing Stickup: n/a
Water Table: ~50 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-85 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
~140	n/a	n/a

Boring Completion	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Bentonite Chips		wet		50 for 4"	90				collected GW-85-2
					92				
					94			SP	SAND: brown, fine to coarse; Some Silt, dense, no odor, no sheen
					96				
					98				
					100				collected GW-85-3
									Boring terminated at 100 feet and backfilled with bentonite chips and capped with cement

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Derek McGregor	Date Drilled: June 28 & 29, 2010
Driller: Cascade Drilling	Borehole Diameter: 8 inch
Drilling Method: HSA	Borehole Depth: 99 feet
Sampling Method: Hydropunch	Well Diameter: 2 inch
Casing Type: Sch. 40 PVC	Well Depth: 80 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~40 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-38

Elevation (feet msl)	Northing (feet)	Easting (feet)
143.36	427653.6	1320491.4

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									See Boring Log MW-34 for soil description from 0-60 ft bgs
			X		62				collected GW-38-1
		moist		4,13,21	64			SW	SAND: brown, fine to medium, subrounded, saturated, well sorted
					66				
					68				
			X		70				collected GW-38-2
					72				
		moist		4,19,22	74				same as above
					76				
					78				
			X		80				collected GW-38-3; blind duplicate GW-38-4
					82				
		moist		3,10,11	84				same as above, except last 0.2' was fine SAND, Trace Silt
					86				
					88				
			X		90				collected GW-38-5
					92				
		moist		4,14,24	94				SAND: brown, fine to coarse, moderatelly sorted, Trace Gravel, fine to medium, subrounded, saturated, poorly sorted
					96				
			X		98				collected GW-38-6
					100				Boring terminated at 99 feet and well MW-38 installed.
									bgs = below ground surface

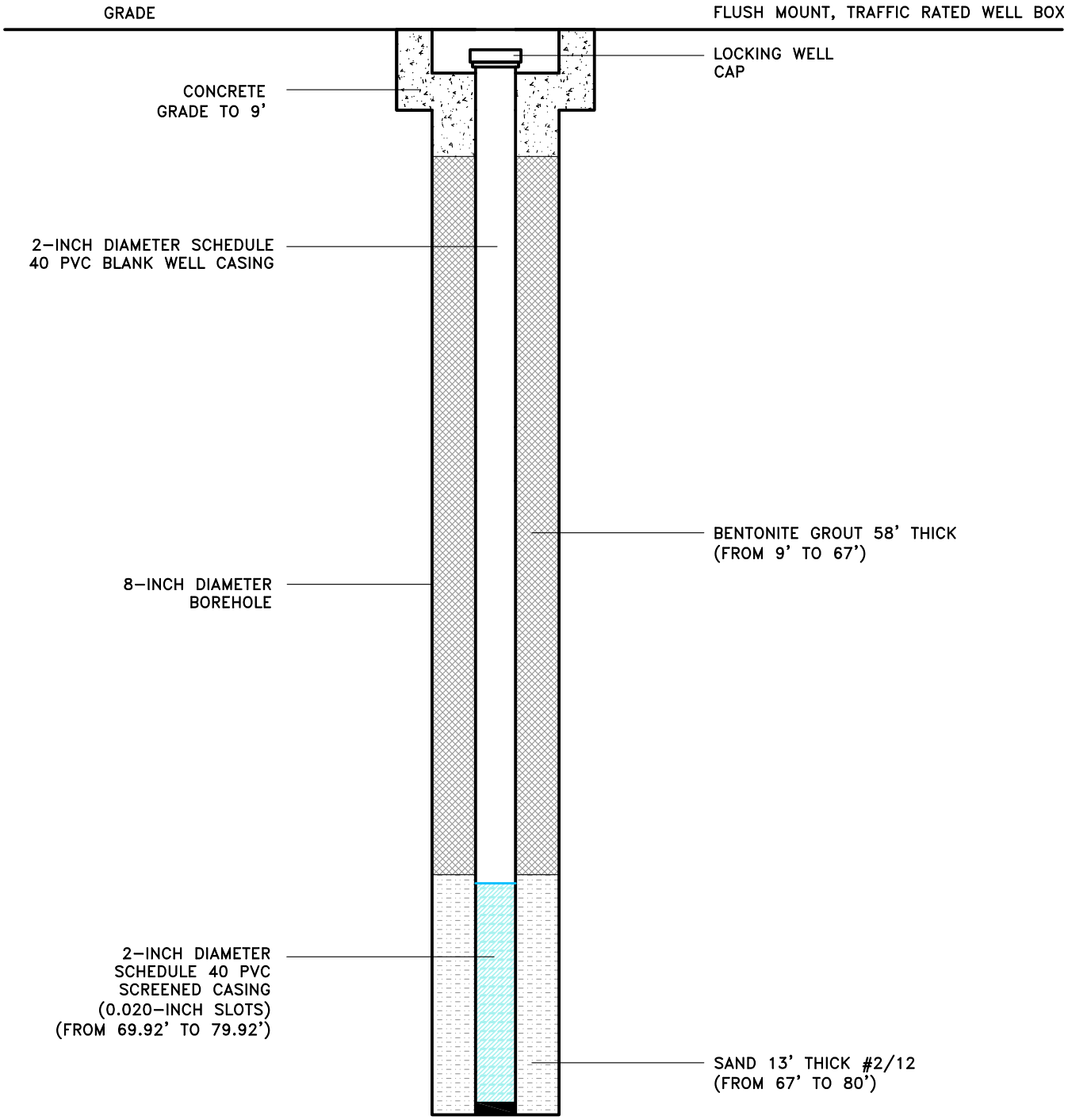
* See well description detail for well completion information

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Derek McGregor	Date Drilled: July 13, 2010
Driller: Cascade Drilling	Borehole Diameter: 8 inch
Drilling Method: HSA	Borehole Depth: 99 feet
Sampling Method: Hydropunch	Well Diameter: 2 inch
Casing Type: Sch. 40 PVC	Well Depth: 80 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~40 ft bgs

PREMIER
ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-38	Elevation (feet msl)	Northing (feet)	Easting (feet)
	143.36	427653.6	1320491.4



Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 14, 2010
Borehole Diameter: 8 inch
Borehole Depth: 81.5 feet
Well Diameter: 2 inch
Well Depth: 79.8 feet
Casing Stickup: none
Water Table: ~40 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-39

Elevation (feet msl)	Northing (feet)	Easting (feet)
142.73	427993.1	1320148.9

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
		damp			0			SW	SAND: brown, fine to medium, Trace Gravel, and Trace Silt, Organic Natural, Grass, loose, no odor, no sheen
		damp		10,12,13	6				same as above, grass roots at top
		damp		16,18,20	10				SAND: brown, fine to coarse, Trace Gravel, and Trace Silt, medium dense, moderately sorted, no odor, no sheen
		moist		9,11,13	16				same as above, well graded, loose
		moist		5,10,14	20				same as above, become brownish gray
		damp		11,15,15	26			SP-SM	SAND: brown, fine to medium, Some coarse Sand and Silt, medium dense, no odor, no sheen
		damp		7,11,14	30				same as above
		damp		10,16,22	36				same as above
		wet		10,16,22	40				same as above

* See well description detail for well completion information

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 14, 2010
Borehole Diameter: 8 inch
Borehole Depth: 81.5 feet
Well Diameter: 2 inch
Well Depth: 79.8 feet
Casing Stickup: none
Water Table: ~40 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-39 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
142.73	427993.1	1320148.9

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
		wet		14,18,20	46–48			SP-SM	SAND: brown, fine to medium, Some coarse Sand and Silt, medium dense, no odor, no sheen
		wet		13,13,19	50–52				same as above
		wet		13,15,19	54–56				
		wet		6,9,11	58–60			ML	SANDY SILT: brown, fine, medium dense, low plasticity, no odor, no sheen
		wet		8,12,12	62–64			SP-SM	SAND with SILT: gray, fine to medium, medium dense, no odor, no sheen
				9,13,15	66–68				same as above
		wet	☒	8,8,12	70–72			SM	SILTY SAND: brown, fine to medium, medium dense, no odor, no sheen; collected GW-39-1
				17,15,16	74–76				Boring terminated at 81.5 feet and well MW-39 installed.
					78–80				

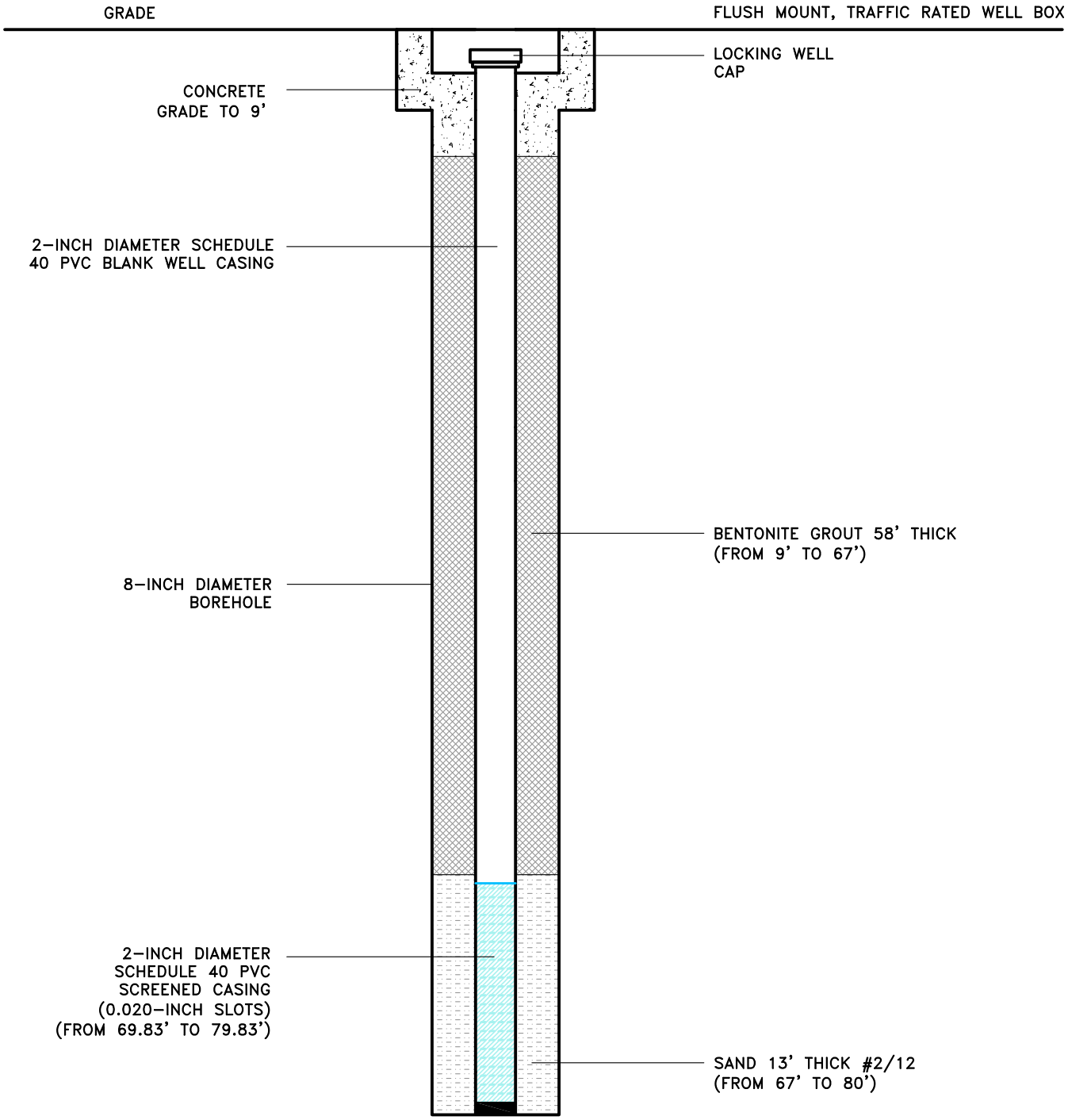
* See well description detail for well completion information

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Derek McGregor	Date Drilled: July 14, 2010
Driller: Cascade Drilling	Borehole Diameter: 8 inch
Drilling Method: HSA	Borehole Depth: 81.5 feet
Sampling Method: Hydropunch	Well Diameter: 2 inch
Casing Type: Sch. 40 PVC	Well Depth: 79.8 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~40 ft bgs

PREMIER
ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-39	Elevation (feet msl)	Northing (feet)	Easting (feet)
	142.73	427993.1	1320148.9



Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 1 & 2, 2010
Borehole Diameter: 8 inch
Borehole Depth: 90 feet
Well Diameter: 2 inch
Well Depth: 79.8 feet
Casing Stickup: none
Water Table: ~40 bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring SB-77/MW-40

Elevation (feet msl)	Northing (feet)	Easting (feet)
142.56	427859.5	1320316.6

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
									See Boring Log MW-15 for soil description from 0-55 ft bgs
		moist		4,4,4	56			SP	SAND: brown, fine to medium, subangular, saturated, well sorted
					58				
					60				collected GW-77-1, blind duplicate GW 77-2
					62				
					64				
		moist		5,10,15	66			SW	SAND: brown, fine to coarse, subangular, saturated; last 0.3' - Trace Gravel, subrounded, moderately sorted
					68				
					70				collected GW-77-3
					72				
					74				
		moist		50+	76			SM	SILT: brown, Some very fine Sand, no plasticity, Trace Gravel, fine, subrounded, collected GW-77-4
					78				
					80				
					82				
					84				
		moist		10,10,10	86			SP	SAND: brown, medium to coarse, subangular, saturated, well sorted
					88				
					90				collected GW-77-5
					92				Boring terminated at 90 feet and well MW-40 installed.
					94				

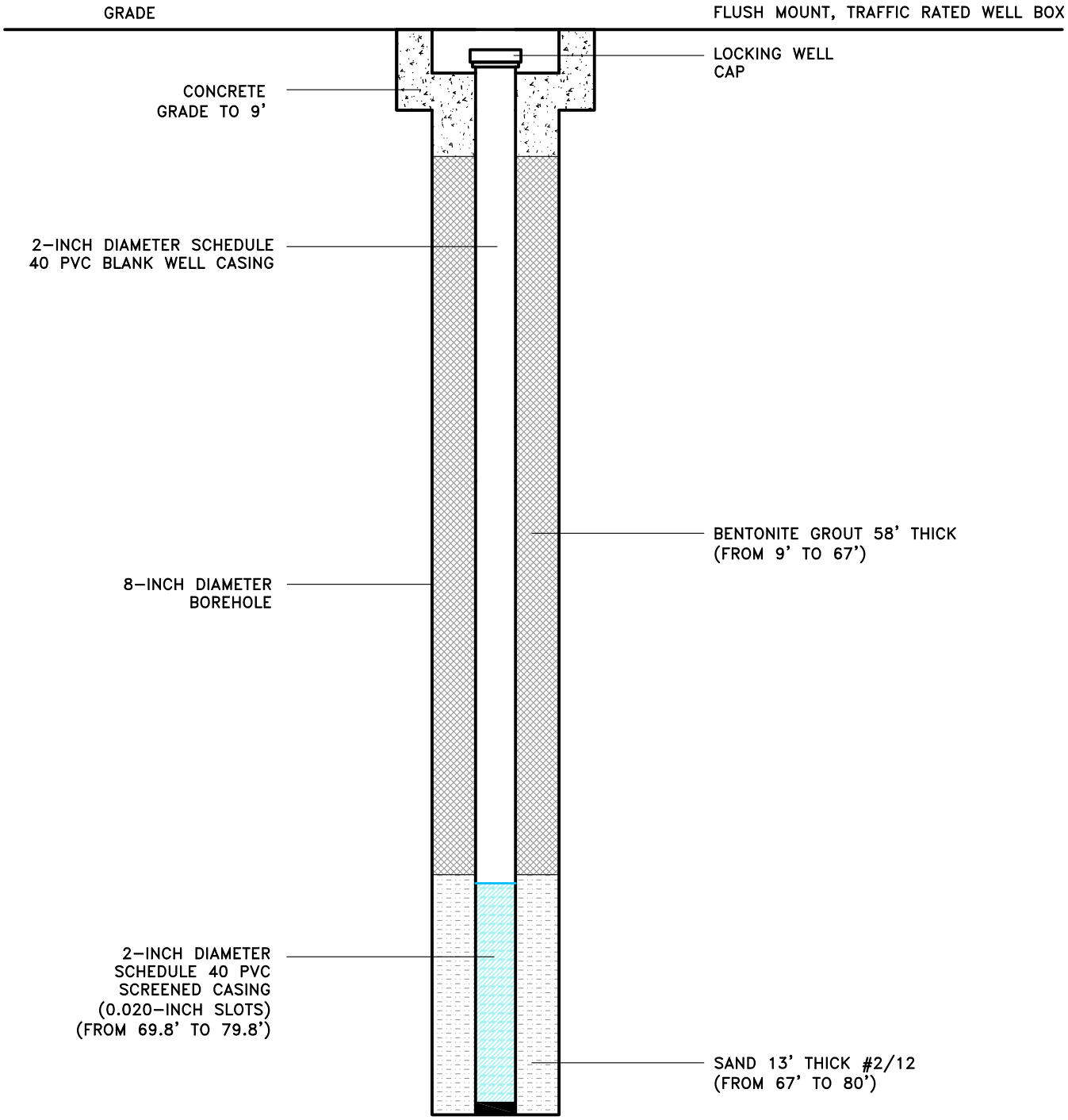
* See well description detail for well completion information

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Derek McGregor	Date Drilled: July 15, 2010
Driller: Cascade Drilling	Borehole Diameter: 8 inch
Drilling Method: HSA	Borehole Depth: 90 feet
Sampling Method: Hydropunch	Well Diameter: 2 inch
Casing Type: Sch. 40 PVC	Well Depth: 79.8 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~40 bgs

PREMIER
ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-40	Elevation (feet msl)	Northing (feet)	Easting (feet)
	142.56	427859.5	1320316.6



Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 16, 2010
Borehole Diameter: 10 inch
Borehole Depth: 81.5 feet
Well Diameter: 4 inch
Well Depth: 79.2 feet
Casing Stickup: none
Water Table: ~40 bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-41

Elevation (feet msl)	Northing (feet)	Easting (feet)
142.33	427968.1	1320255

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
									See Boring Log MW-37 for soil description from 0-60 ft bgs
		wet		7,15,17	62			SW	SAND with Silt: grayish brown, fine to coarse, medium dense, no odor, no sheen
					64				
		moist		6,18,19	66				@66' SAND with Silt: gray, fine to coarse, Gravelly, medium dense, no odor, no sheen
					68				
				10,11,14	70				same as above
					72				
					74				
		wet		9,9,13	76				SAND with Silt: grayish brown, fine to coarse, medium dense, no odor, no sheen
					78				
				6,12,18	80				Boring terminated at 81.5 feet and well installed.

bgs = below ground surface

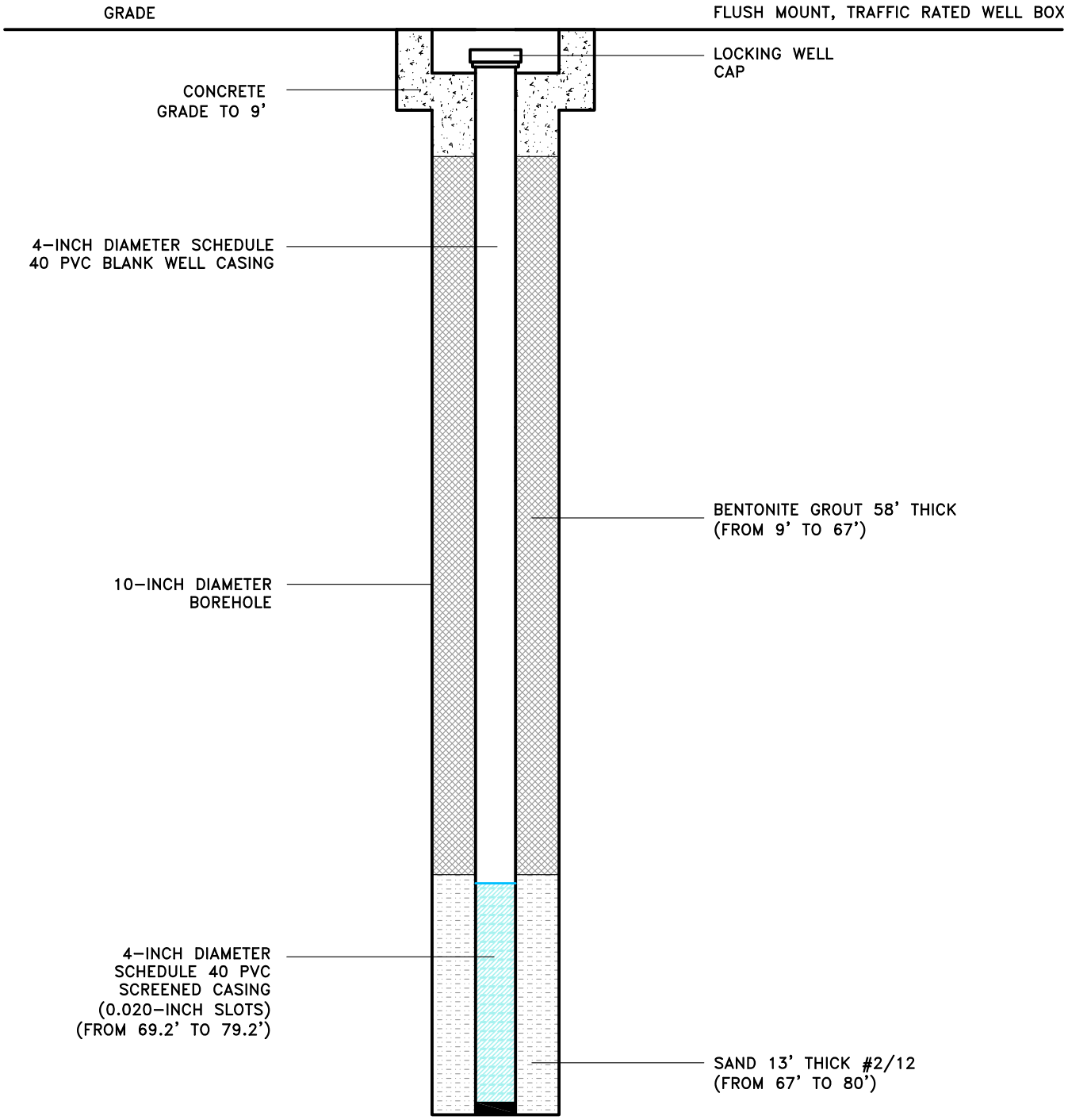
* See well description detail for well completion information

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Derek McGregor	Date Drilled: July 16, 2010
Driller: Cascade Drilling	Borehole Diameter: 10 inch
Drilling Method: HSA	Borehole Depth: 81.5 feet
Sampling Method: Hydropunch	Well Diameter: 4 inch
Casing Type: Sch. 40 PVC	Well Depth: 79.2 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~40 bgs

PREMIER
ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-41	Elevation (feet msl)	Northing (feet)	Easting (feet)
	142.33	427968.1	1320255



Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 30, 2010
Borehole Diameter: 8 inch
Borehole Depth: 91.5 feet
Well Diameter: 2 inch
Well Depth: 89.1 feet
Casing Stickup: none
Water Table: ~40 bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-42

Elevation (feet msl)	Northing (feet)	Easting (feet)
142.89	428319.7	1320080.9

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
									See Boring Log MW-18 for soil description from 0-60 ft bgs
		wet		10,10,12	62			SP-SM	SAND with Silt: grayish brown, fine to coarse, medium dense, no odor, no sheen
		moist		9,9,11	66				@66' SAND with Silt: gray, fine to coarse, Gravelly, medium dense, no odor, no sheen
		moist		8,9,12	70				same as above
		wet		6,10,12	76				SAND with Silt: grayish brown, fine to coarse, medium dense, no odor, no sheen
		wet		10,10,8	80				same as above
		wet		6, 8, 8	86				same as above
		wet		10,10,8	90				Boring terminated at 91.5 feet and well MW-42 installed.

bgs = below ground surface

* See well description detail for well completion information

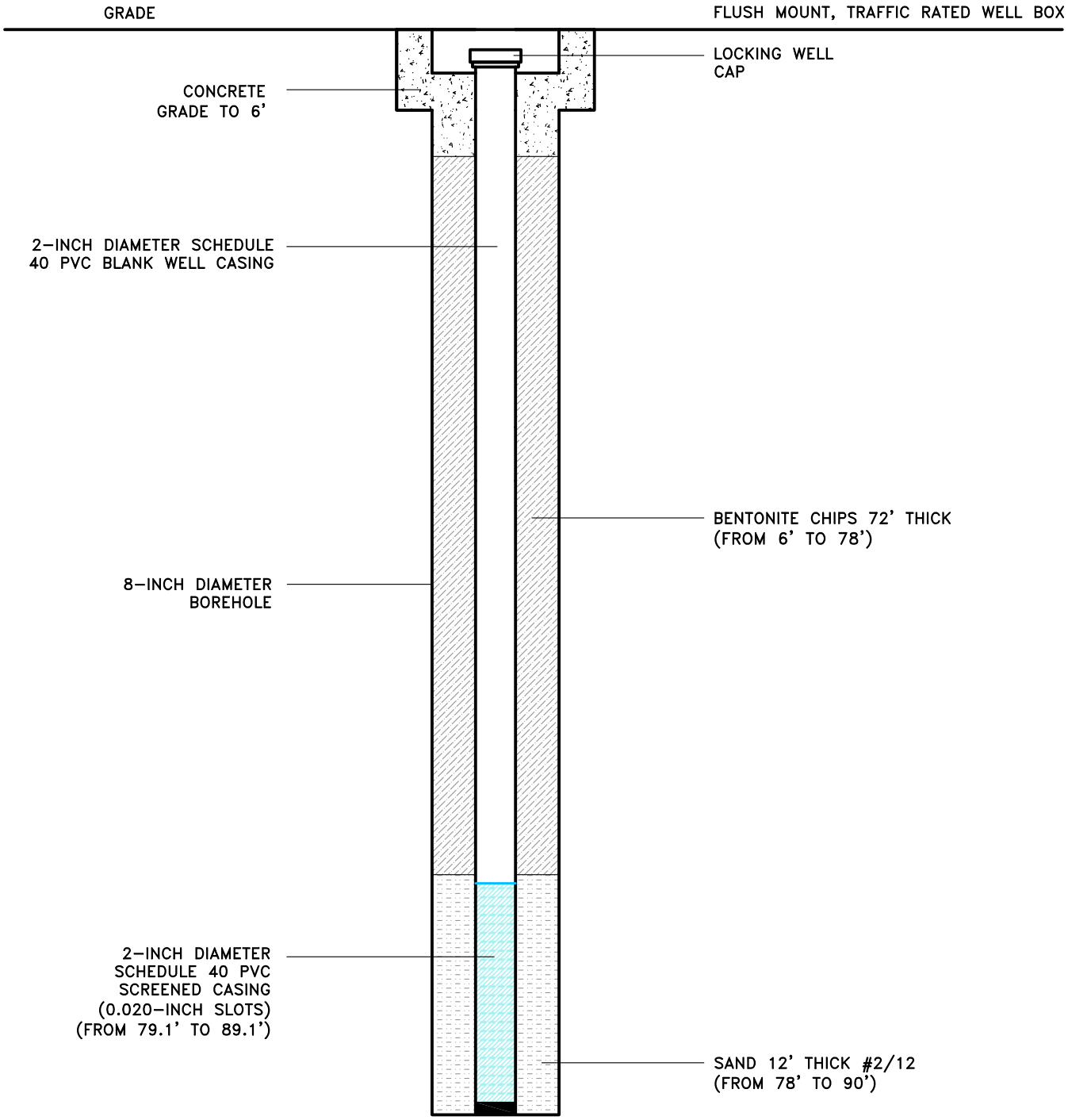
Client: J.H. Baxter
Logged By: Derek McGregor
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: July 30, 2010
Borehole Diameter: 8 inch
Borehole Depth: 91.5 feet
Well Diameter: 2 inch
Well Depth: 89.1 feet
Casing Stickup: none
Water Table: ~40 bgs

PREMIER
ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Well No. MW-42	Elevation (feet msl)	Northing (feet)	Easting (feet)
	142.89	428319.7	1320080.9



Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 8 inch
Borehole Depth: 110 feet
Well Diameter: 2 inch
Well Depth: 100 feet
Casing Stickup: none
Water Table: ~44 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring MW-43

Elevation (feet msl)	Northing (feet)	Easting (feet)
141.91	428757.5	1319841.1

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					0				Grass, soil surface
		damp		9,11,15	4			GP-SP	SANDY GRAVEL: brown, multicolored, trace Silt, medium dense, no odor, no sheen
		damp		13,13,16	10				same as above
		damp		50 for 6"	14				same as above, very dense, increase Sand
		damp		18, 50 for 6"	20				same as above
		damp		43, 50 for 6"	24			SP	@24.4' SAND: grayish brown, fine to medium; Some coarse Sand and Silt, very dense, no odor, no sheen
		damp		14,15,19	30			SP-SM	SILTY SAND: grayish brown, fine to medium, medium dense, no odor, no sheen
		damp		19,20,23	34				fine silty sand
		moist		14,15,20	40				same as above
	▽				44				

* See well description detail for well completion information

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 8 inch
Borehole Depth: 110 feet
Well Diameter: 2 inch
Well Depth: 100 feet
Casing Stickup: none
Water Table: ~44 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring MW-43 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
141.91	428757.5	1319841.1

Boring Completion: Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
		wet		10,16,16	46			SM	SILTY SAND: grayish brown, fine sand, medium dense, no odor, no sheen (coarse sand from 44' to 44.5')
		wet		11,15,16	48, 50				SILTY CLAY @49.5' to 49.8'
		wet		15,17,18	52, 54			SM-SP	SILTY SAND: grayish, multicolored, fine to medium, medium dense, no odor, no sheen, lot of heave
		wet		18,50 for 6"	56, 58, 60				
		wet		50 for 6"	62			GP-SP	SANDY GRAVEL: multicolored, coarse Sand, trace Silt, very dense, no odor, no sheen
		wet		50 for 6"	64, 66				medium to coarse Sand, loose
		wet		50 for 6"	68, 70, 72				same as above
					74, 76, 78				collected GW-43-1
		wet		50 for 6"	80			SM	SILTY SAND: grayish, multicolored, fine to medium, loose, no odor, no sheen, heave
					82, 84, 86, 88				

* See well description detail for well completion information

Client: J.H. Baxter
Logged By: Elizabeth Poole
Driller: Cascade Drilling
Drilling Method: HSA
Sampling Method: Hydropunch
Casing Type: Sch. 40 PVC
Slot Size: 20
Gravel Pack: 10/20

Location: Arlington, WA
Date Drilled: October 19, 2010
Borehole Diameter: 8 inch
Borehole Depth: 110 feet
Well Diameter: 2 inch
Well Depth: 100 feet
Casing Stickup: none
Water Table: ~44 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater
Project No: 210129.00 Task 2

Boring MW-43 (cont.)

Elevation (feet msl)	Northing (feet)	Easting (feet)
141.91	428757.5	1319841.1

Boring Completion / Backfill	Water Level	Moisture Content	Groundwater Sample Interval	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
			X		90				collected GW-43-2
					92				
					94				
		wet		50 for 6"	96			SM	SILTY SAND: grayish brown, fine sand, loose, no odor, no sheen
					98				
			X		100				collected GW-43-3
		wet		50 for 6"	102				same as above
					104				
					106				
					108				
			X		110				collected GW-43-4
									Boring terminated at 110 feet and well MW-43 installed.

* See well description detail for well completion information

Client: J.H. Baxter	Location: Arlington, WA
Logged By: Elizabeth Poole	Date Drilled: October 19, 2010
Driller: Cascade Drilling	Borehole Diameter: 8 inch
Drilling Method: HSA	Borehole Depth: 110 feet
Sampling Method: Hydropunch	Well Diameter: 2 inch
Casing Type: Sch. 40 PVC	Well Depth: 100 feet
Slot Size: 20	Casing Stickup: none
Gravel Pack: 10/20	Water Table: ~44 ft bgs

PREMIER ENVIRONMENTAL SERVICES, INC.

Project Name: J.H. Baxter - Supplemental Groundwater

Project No: 210129.00 Task 2

Well No. MW-43	Elevation (feet msl)	Northing (feet)	Easting (feet)
	141.91	428757.5	1319841.1

