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November 14, 2017

Mohsen Kourehdar
Washington State Department of Ecology
PO Box 47600
Olympia, Washington 98504-7600

SUBJECT: B&L WOODWASTE SITE OCTOBER 2017 COMPLIANCE MONITORING RESULTS

Dear Mr. Kourehdar:

On behalf of the B&L Woodwaste Custodial Trust, we are submitting the results of compliance monitoring completed at the B&L Woodwaste site in October 2017.

Groundwater and surface water sampling and analysis were completed in accordance with the 2013 Compliance Monitoring Plan and 2017 Compliance Monitoring Plan Addendum. A Compliance Screening Tier 1 data quality review was performed on arsenic data resulting from laboratory analysis. Data were determined to be of acceptable quality for use as reported by the laboratory. The results are presented in the attached tables and figures.

We look forward to discussing the results with you.

Sincerely,
FLOYD | SNIDER

Brett Beaulieu, LHG
Hydrogeologist

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Copies: Dan Silver, B&L Woodwaste Custodial Trustee

Tables

Table 1
Groundwater Elevations and Head Differences

Location	Aquifer	Date	Time	Groundwater Elevation (ft NAVD 88)	Vertical Head Difference: LSAq - USAq (ft)	Cross-Barrier Head Difference: Outside - Inside (ft)
Upgradient Areas East of Landfill						
D-10A	USAq	10/19/2017	16:33	17.28	--	--
MW-35	USAq	10/18/2017	15:06	16.55	--	--
Landfill and Perimeter						
D-7A	USAq	10/18/2017	12:45	13.14	0.79	--
D-7B	LSAq	10/18/2017	13:25	13.93		
D-8A	USAq	10/19/2017	13:05	14.58	-0.04	--
D-8B	LSAq	10/19/2017	12:05	14.54		
D-9A	USAq	10/19/2017	12:03	15.55	--	--
PD-214	USAq	10/19/2017	10:05	14.50	--	--
PZ-1A	USAq	10/19/2017	15:56	13.22	--	-1.41
PZ-1B	USAq	10/19/2017	15:58	14.63		
PZ-2A	USAq	10/19/2017	16:02	13.27	--	-1.39
PZ-2B	USAq	10/19/2017	16:03	14.66		
PZ-3A	USAq	10/19/2017	16:10	14.46	--	-0.56
PZ-3B	USAq	10/19/2017	16:12	15.02		
PZ-4A	USAq	10/19/2017	15:13	14.69	--	-0.13
PZ-4B	USAq	10/19/2017	15:11	14.82	-0.06	
PZ-4C	LSAq	10/19/2017	15:09	14.76		
PZ-5A	USAq	10/19/2017	15:20	14.96	--	-0.13
PZ-5B	USAq	10/19/2017	15:27	15.09	--	
PZ-5C	LSAq	10/19/2017	15:21	--		--
PZ-6A	USAq	10/19/2017	15:37	15.52	--	0.16
PZ-6B	USAq	10/19/2017	15:34	15.36		
PZ-7A	USAq	10/19/2017	15:43	15.45	--	0.10
PZ-7B	USAq	10/19/2017	15:41	15.35		
PZ-8A	USAq	10/19/2017	15:51	17.00	--	-0.08
PZ-8B	USAq	10/19/2017	15:48	17.08	-0.03	
PZ-8C	LSAq	10/19/2017	15:47	17.05		--
Wetlands North of Landfill						
D-5U	USAq	10/18/2017	--	--	--	--
D-5L	LSAq	10/18/2017	12:09	14.02		
D-6A	USAq	10/18/2017	9:39	12.38	--	--
D-6B	LSAq	10/18/2017	10:12	14.02		
MW-13	USAq	10/18/2017	8:35	12.26	--	--
MW-15	USAq	10/18/2017	9:45	12.28	--	--
MW-31A	USAq	10/18/2017	8:40	12.39	--	--
PD-141	USAq	10/18/2017	11:30	12.43	--	--

Table 1
Groundwater Elevations and Head Differences

Location	Aquifer	Date	Time	Groundwater Elevation (ft NAVD 88)	Vertical Head Difference: LSAq - USAq (ft)	Cross-Barrier Head Difference: Outside - Inside (ft)
Interurban Trail and Agricultural Fields West of Landfill						
MW-30	USAq	10/18/2017	15:25	12.79	--	--
MW-33	USAq	10/19/2017	9:02	14.90	--	--
MW-34	USAq	10/19/2017	10:45	14.77	--	--
MW-40B	LSAq	10/19/2017	10:47	12.64	--	--
PD-214	USAq	10/19/2017	10:05	14.50	--	--
W-1	USAq	10/18/2017	13:09	13.74	--	--

Note:

-- Not collected or not applicable.

Abbreviations:

ft Feet
LSAq Lower Sand Aquifer
NAVD 88 North American Vertical Datum of 1988
USAq Upper Sand Aquifer

Table 2
Field Water Quality Parameters[1]

Location	Sample Date	Temperature (°C)	pH	Specific Conductivity (mS/cm)	Oxidation-Reduction Potential (mV)
Upper Sand Aquifer					
D-5U	10/18/2017	12.24	6.20	1.04	-62
D-6A	10/18/2017	12.52	6.15	0.41	-37
D-7A	10/18/2017	13.41	6.62	0.759	-2
D-8A	10/19/2017	13.01	6.60	0.235	-59
D-9A	10/19/2017	12.4	6.70	0.241	-57
D-10A	10/19/2017	12.82	6.19	0.299	20
MW-13	10/18/2017	10.41	6.36	0.448	-80
MW-15	10/18/2017	10.21	6.85	0.918	-11
MW-30	10/18/2017	15.74	7.01	0.303	7
MW-31A	10/18/2017	10.21	6.45	1.03	35
MW-33	10/19/2017	12.76	7.08	0.303	41
MW-34	10/19/2017	12.79	6.68	0.274	-74
MW-35	10/18/2017	13.66	7.46	0.273	-66
PD-141	10/18/2017	11.18	6.76	1.08	-23
PZ-3A	10/19/2017	15.30	6.47	0.302	-24
PZ-4A	10/19/2017	13.29	6.94	0.200	-86
PZ-5A	10/19/2017	14.73	6.44	0.427	-22
PD-214	10/19/2017	11.42	7.38	0.242	-12
R-15	10/19/2017	13.54	6.89	0.566	-147
W-1	10/18/2017	13.28	7.09	0.368	-100
Lower Sand Aquifer					
D-5L	10/18/2017	12.18	6.53	0.355	-63
D-6B	10/18/2017	10.20	6.44	0.341	-54
D-7B	10/18/2017	12.99	7.28	0.327	-57
D-8B	10/19/2017	12.45	6.45	0.242	-65
MW-40B	10/19/2017	11.82	7.71	0.281	-50

Notes:

1 Field parameters collected with Horiba U-50 and YSI ProDSS water quality instruments and flow through cells. Reported measurements were recorded when stabilization criteria were reached.

Abbreviations:

°C Degrees Celsius
mS/cm Millisiemens per centimeter
mV Millivolt
ORP Oxidation reduction potential

Table 3

Groundwater Arsenic Results[1]

Sample Location	Upper Sand Aquifer Total Arsenic (µg/L)																			Lower Sand Aquifer Total Arsenic (µg/L)				
	D-5U	D-6A	D-7A	D-8A	D-9A	D-10A	MW-13	MW-15	MW-30	MW-31A	MW-33	MW-34	MW-35	PD-141	PD-214	PZ-3A	PZ-4A	R-15	PZ-5A	W-1	D-5L	D-6B	D-7B	D-8B	MW-40B
Compliance Monitoring Events																									
October 2017	32.4	53.1	24.5	74.9	48.8	336	221	153	112	2.77	323	9.76	39.3	240	12.5	563.0	6.0	539.0	NS	10.7	4.24	4.82	6.08	9.46	10.7
August 2017	NS	NS	NS	97.4	NS	NS	NS	NS	NS	NS	372	9.10	NS	NS	10.6	215	6.3	215	NS	13.7	NS	NS	NS	8.34	10.0
April 2017	23.7	NS	30	143	NS	NS	270	104	NS	NS	388	9.10	NS	324	13.3	NS	NS	NS	NS	12	NS	NS	NS	12.2	10.2
October 2016	43.6	NS	29.5	71.6	48.2	300	632	85.3	176	3.10	458	NS	31.4	451	NS	NS	NS	NS	643	18.6	4.15	NS	6.02	12.4	9.71
April 2016	22.8	50.2	33.9	108	41.0	273	1,200	183	170	2.7	431	NS	32.4	413	NS	NS	NS	NS	347	9	4	3.5	5.8	10.9	8.00
October 2015	21.1	60.3	37	87.9	43.0	300	1,220	752	139	2.4	423	NS	29.8	441	NS	NS	NS	NS	610	13.5	3.4	2.9	4.6	10.9	7.1
April 2015	22	47.8	44.5	342	42.0	354	1,580	1,070	204	4.1	399	NS	25.8	407	NS	NS	NS	NS	NS	10.1	3.6	3.9	4.6	9.3	8.4
October 2014	16.3	50.4	57.3	107	43.6	318	1,650	1,130	117	3.4	436	NS	23.2	323	NS	NS	NS	NS	NS	11.2	3.2	3.9	4.2	10.7	NS
April 2014	17.6	63.7	48.8	415	37.2	183	1,430	1,260	136	5.4	376	NS	23.2	326	NS	NS	NS	NS	NS	10.1	3.4	3.9	4	10.5	NS
October 2013	12.4	107	53.8	168	40.2	181	1,740	1,220	174	5.3	404	NS	21.9	302	NS	NS	NS	NS	NS	12	3.5	3.6	4.6	13.9	NS
April 2013	16.5	163	29.5	363	38.0	199	1,910	1,580	252	6.6	398	NS	23.8	296	NS	NS	NS	NS	NS	10.9	2.8	4.5	4.6	16.6	NS
October 2012	40.8	184	17.1	196	40.1	231	2,350	1,580	261	12.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.6	3.0	4.8	155	NS
April 2012	43.8	287	60.8	137	38.3	107	2,180	1,480	305	18.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.1	4.3	4.8	370	NS
September 2011	86.3	885	22.5	99.6	38.2	213	2,520	1,520	640	21.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.2	3.5	4.8	28.2	NS
April 2011	90	1,170	31.5	126	38.7	203	2,720	1,610	854	5.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.2	3.3	5.1	21.2	NS
October 2010	86.4	1,290	40.7	34	37.4	211	2,220	1,460	1,580	5.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.4	3.4	4.8	6.1	NS
April 2010	100	1,370	27.4	31.1	36.6	159	2,450	1,610	2,410	15.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.5	4.1	4.6	12.8	NS
October 2009	113	1,320	37.7	39.8	36.6	202	2,220	1,390	2,060	16.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.4	2.4	4.6	11	NS
April 2009	144	1,490	331	68.2	38.3	175	2,340	1,630	2,190	22.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.8	3.2	4.8	11.1	NS
October 2008	143	1,430	97.5	37.7	38.1	204	2,510	1,720	2,270	22.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.3	2.4	4.6	12.2	NS
Historical Events																									
March 2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	3	5	18	NS
August 2006	89	1,900	56	450	38	200	3,800	3,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
September 2005	132	1,790	50 U	86.1	50 U	266	3,530	1,810	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
March 2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.4	2.5 U	5.2	21.2	NS
December 2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6	5 U	6	21	NS
September 2003	190	1,900	5	110	31	300	4,600	2,800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6	5	8	20	NS
June 2003	240	1,800	5 U	370	38	270	4,600	2,600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	5 U	6	30	NS
March 2003	230	1,700	5 U	330	38	240	4,300	2,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	30	NS
December 2002	230	1,600	5 U	58	36	310	4,500	2,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
September 2002	220	1,600	5 U	97	35	280	4,500	2,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5	20	NS
June 2002	240	1,800	5		38	260	4,700	2,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	6	30	NS
April 2002	300	1,800	5 U	400	50	300	4,300	2,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5	30	NS
December 2001	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	8	5 U	30	NS
June 2001	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	4	6	30	NS
March 2001	280	1,800	3	130	39	230	4,300	2,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3	3	6	30	NS
December 2000	280	2,100	3	62	39	270	5,300	3,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	4	6	20	NS
September 2000	260	2,000	5	68	58	350	4,600	2,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	5	6	20	NS

Table 3

Groundwater Arsenic Results[1]

Sample Location	Upper Sand Aquifer Total Arsenic (µg/L)																			Lower Sand Aquifer Total Arsenic (µg/L)				
	D-5U	D-6A	D-7A	D-8A	D-9A	D-10A	MW-13	MW-15	MW-30	MW-31A	MW-33	MW-34	MW-35	PD-141	PD-214	PZ-3A	PZ-4A	R-15	PZ-5A	W-1	D-5L	D-6B	D-7B	D-8B	MW-40B
Historical Events (cont.)																									
June 2000	180	1,500	5 U	96	40	250	3,200	2,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
March 2000	310	1,600	5 U	150	39	220	6,200	2,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
January 2000	300	1,400	5 U	130	40	240	4,300	2,600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	6	30	NS
September 1999	300	1,900	5 U	140	47	310	5,600	3,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	5	6	20	NS
June 1999	300	1,800	5 U	180	38	260	4,600	2,600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
March 1999	340	2,000	5 U	200	39	260	4,600	3,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	6	30	NS
December 1998	320	980	6	100	38	260	5,700	3,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	7	30	NS
September 1998	290	1,800	5 U	150	52	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
June 1998	320	1,900	5 U	69	42	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	20	NS
March 1998	380	2,400	5 U	97	38	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	40	NS
December 1997	480	2,600	5 U	130	41	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	7	60	NS
September 1997	340	2,400	5 U	210	56	390	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	60	NS
June 1997	390	2,200	5 U	200	49	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5	60	NS
March 1997	360	1,900	5	110	36	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	7	60	NS
January 1997	310	2,000	5 U	130	39	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	90	NS
September 1996	300	2,000	5 U	260	73	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	6	5	100	NS
June 1996	NS	NS	5 U	130	49	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	100	NS
March 1996	NS	NS	5 U	150	39	420	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	100	NS
December 1995	NS	NS	5 U	270	44	540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	100	NS
June 1995	300	2,200	5 U	170	55	540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	200	NS
March 1995	350	2,400	5 U	180	34	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	200	NS
December 1994	312	2,494	5 U	130	42	492	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	300	NS
August 1994	314	3,252	5 U	145	84	542	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	400	NS
May 1994	307	2,745	5 U	133	39	363	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	9	700	NS
January 1994	284	2,505	5 U	165	64	402	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5 U	5 U	5 U	800	NS
May 1993	170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20 U	NS	NS	NS	NS
August 1990	22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
December 1989	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
September 1989	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Note:

1 Reported value is the maximum concentration per location, per sampling date.

Abbreviations:

µg/L Micrograms per liter

NS Not sampled

Qualifier:

U Analyte is undetected at given reporting limit.

Table 4

Surface Water Arsenic Results[1]

Sampling Date	SW-02 Dissolved Arsenic (µg/L)	SW-02 Total Arsenic (µg/L)	SW-03 Dissolved Arsenic (µg/L)	SW-03 Total Arsenic (µg/L)	SW-05 Dissolved Arsenic (µg/L)	SW-05 Total Arsenic (µg/L)
Compliance Monitoring Events						
October 2017	5.12	10.20	6.51	8.94	4.62	9.99
October 2016	9.02	8.96	6.96	11.0	7.65	10.6
April 2016	9.00	17.0	8.00	15.0	8.20	17.0
October 2015	10.2	15.4	4.9	6.5	7.5	14.6
April 2015	5.6	7.8	4.4	14.6	7.9	12.1
October 2014	5.9	9.2	3.3	4.1	6.4	12
April 2014	7.6	10.3	5.7	9.6	13.3	18.1
October 2013	10.5	15.6	5.8	9.9	8.4	15.9
April 2013	18.1	22.1	7.9	10.4	11.5	23.4
October 2012	NS	NS	29.4	54.6	11.5	51.2
April 2012	9.3	10.3	4.1	8.2	16.8	24.4
September 2011	8.6	10.1	4.5	5.4	7.9	24.2
April 2011	9.1	9.1	3	6.2	12.4	18.4
October 2010	8	NA	5.3	NA	10.1	NA
April 2010	9.8	10.9	4.5	48	14.3	20.7
October 2009	5.7	7	4.7	8.9	10.1	22.6
April 2009	5.1	8.7	5.6	7	10.5	15.1
October 2008	17.6	25	4.3	8.7	8	54
Historical Events						
December 2006	NS	7	NS	10	NS	14
July 2006	NS	NS	NS	97	NS	65
September 2003	16	53	8	21	NS	NS
June 2003	11	580	NS	NS	NS	NS
March 2003	9	11	11	24	NS	NS
December 2002	5 U	5 U	5 U	5 U	NS	NS
September 2002	10	370	5 U	5 U	NS	NS
June 2002	24	30	14	15	NS	NS
April 2002	22	26	11	17	NS	NS
March 2001	22	75	40	110	NS	NS
December 2000	31	81	24	24	NS	NS
September 2000	13	2,220	92	1,800	NS	NS
June 2000	15	85	37	220	NS	NS
March 2000	23	73	15	20	NS	NS
January 2000	14	18	9	10	NS	NS
June 1999	21	24	8	10	NS	NS
March 1999	10	11	12	19	NS	NS

Table 4

Surface Water Arsenic Results[1]

Sampling Date	SW-02		SW-03		SW-05	
	Dissolved Arsenic (µg/L)	Total Arsenic (µg/L)	Dissolved Arsenic (µg/L)	Total Arsenic (µg/L)	Dissolved Arsenic (µg/L)	Total Arsenic (µg/L)
Historical Events (Cont.)						
December 1998	42	40	19	18	NS	NS
March 1997	NS	NS	NS	NS	NS	NS
January 1997	NS	NS	10	9	NS	NS
March 1996	NS	NS	NS	NS	NS	NS
December 1995	NS	NS	NS	NS	NS	NS
June 1995	54	42	21	150	NS	NS
March 1995	31	86	25	41	NS	NS
December 1994	7	14	28	58	NS	NS
August 1994	61	101	60	104	NS	NS
May 1994	41	64	52	95	NS	NS
January 1994	NS	NS	72	222,000	NS	NS
May 1993	90 U	50 U	33	30 U	NS	NS
January 1990	230	370	89	110	NS	NS
November 1989	390	3,400	93	390	NS	NS
October 1989	38	170	49	60	NS	NS

Note:

1 Reported value is the maximum concentration per location, per sampling date.

Abbreviations:

µg/L Micrograms per liter

NA Not analyzed

NS Not sampled

Qualifier:

U Analyte is undetected at given reporting limit.

Figures

Legend

- PD-213 — Upper Sand Aquifer Monitoring Location used for Potentiometric Contours
- PZ-3B — Upper Sand Aquifer Monitoring Location not used for Potentiometric Contours
- PZ-4C — Lower Sand Aquifer Monitoring Location not used for Potentiometric Contours
- 15 — Upper Sand Aquifer Contour
- Surface Drainage Feature
- Stormwater Pond
- 15.62 — Water Elevation (ft NAVD 88) and Contour

Notes:
- Orthoimage provided by USGS and dated June–July 2005.
- Hylebos Creek and other surface drainage feature locations shown were digitized from the 2005 orthoimage cited above.

Abbreviations:
ft = Feet
NAVD 88 = North American Vertical Datum of 1988
NA = Not available

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Figure 1
October 2017 Upper Sand Aquifer Potentiometric Contours

Path: I:\GIS\Projects\B&L-O&M\MXD\Compliance Monitoring Report\2017 Annual\Figure 1 October 2017 Upper Sand Aquifer Potentiometric Contours .mxd
Date: 11/7/2017

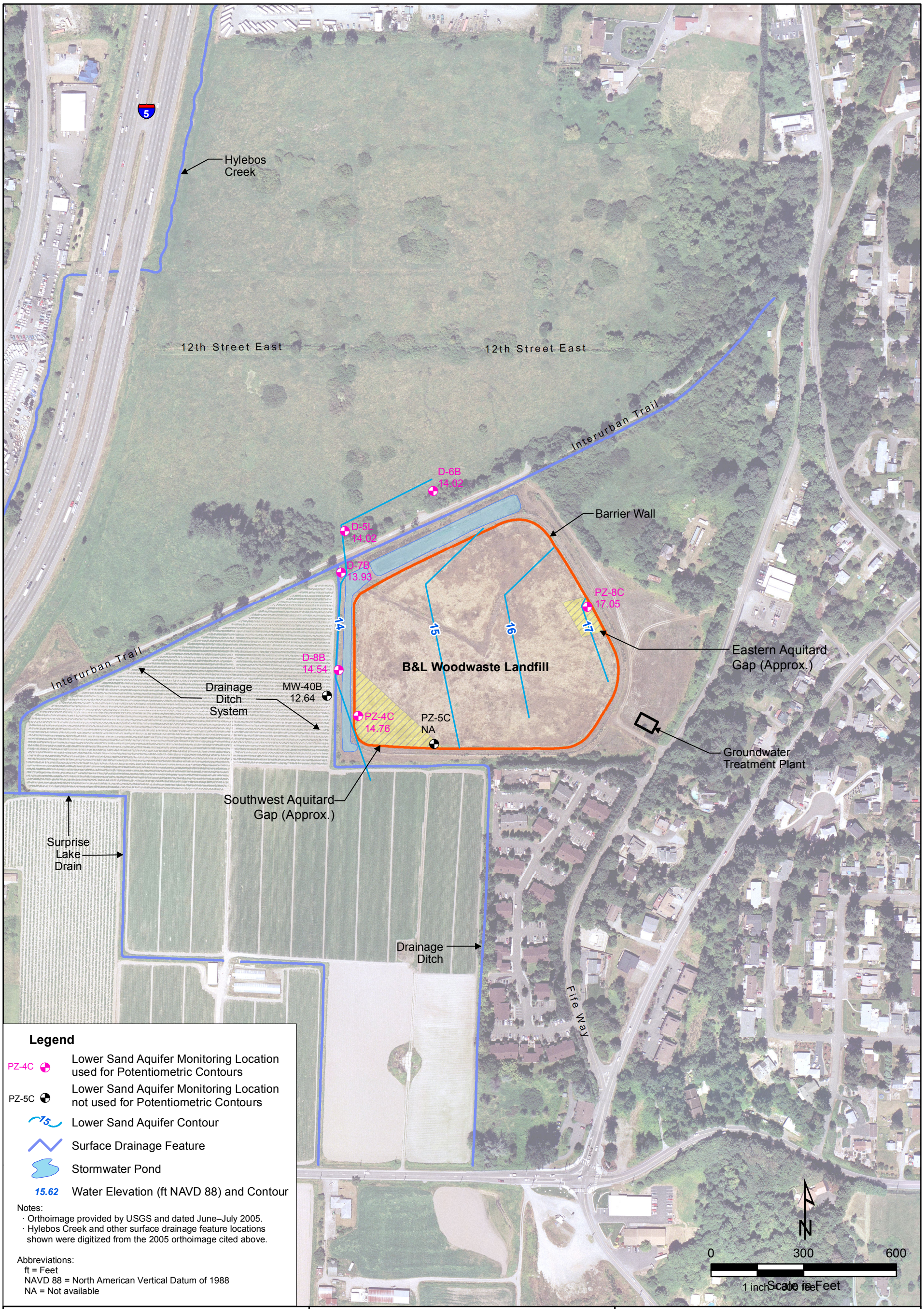

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Figure 2
October 2017 Lower Sand Aquifer Potentiometric Contours

Path: I:\GIS\Projects\B&L-O&M\MXD\Compliance Monitoring Report\2017 Annual\Figure 2 October 2017 Lower Sand Aquifer Potentiometric Contours.mxd
Date: 11/7/2017

Legend

- W-1 — Upper Sand Aquifer Monitoring Location
- D-7B — Lower Sand Aquifer Monitoring Location
- SW-5 — Compliance Surface Water Monitoring Location
- PD-216 — Monitoring Well or Piezometer
- R-10 — Recovery Well Location
- West Pond — Pond Staff Gage Location
- Conditional Point of Compliance (Barrier Wall)
- Property Boundary from Tax Parcel Data
- Stormwater Pond
- Surface Drainage Feature
- Aquitard Gaps

Inferred Arsenic Concentration, Upper Sand Aquifer in µg/L **(October 2017)**

- 5–100
- 101–200
- 201–300
- 301–400
- 401–500
- 501–600
- 601–700
- 701–800
- 801–900
- 901–1,000

- 23.4 — Total Arsenic Concentation, Upper Aquifer
- 16.6 — Total Arsenic Concentration, Lower Aquifer
- 11.5 — Dissolved Arsenic Concentration, Surface Water
- 3.5 — Total Arsenic Concentration, Surface Water

Notes:
- Orthoimage provided by USGS and dated June–July 2005.
- Hylebos Creek and other surface drainage feature locations shown were digitized from the 2005 orthoimage cited above.
- Black and white reproduction of this color figure may affect interpretation of the results.

Abbreviation:
µg/L = Micrograms per liter

N

0 300 600

Scale in Feet

1 inch = 300 feet

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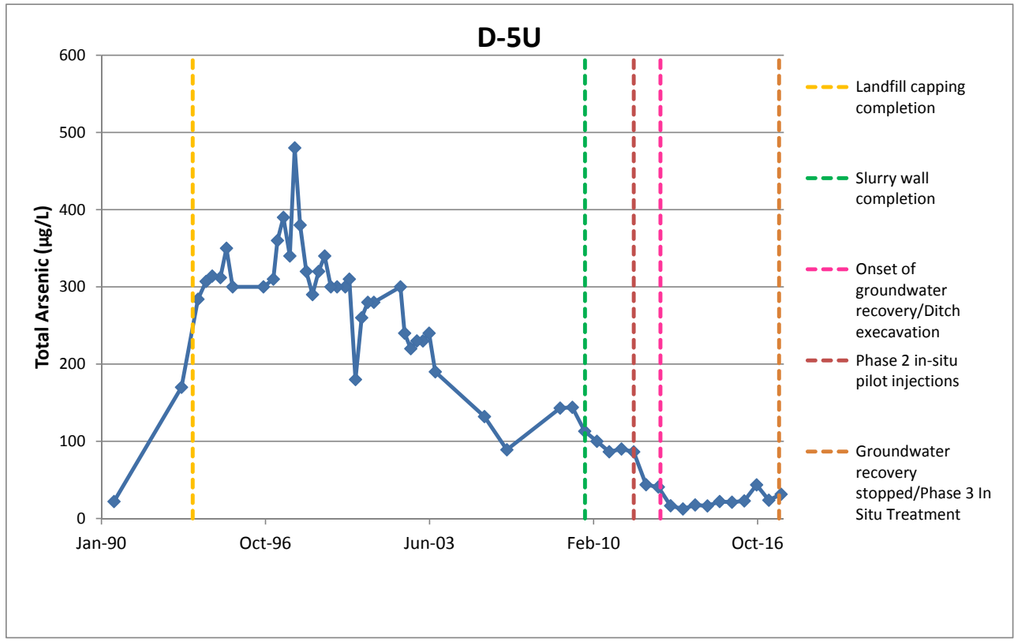
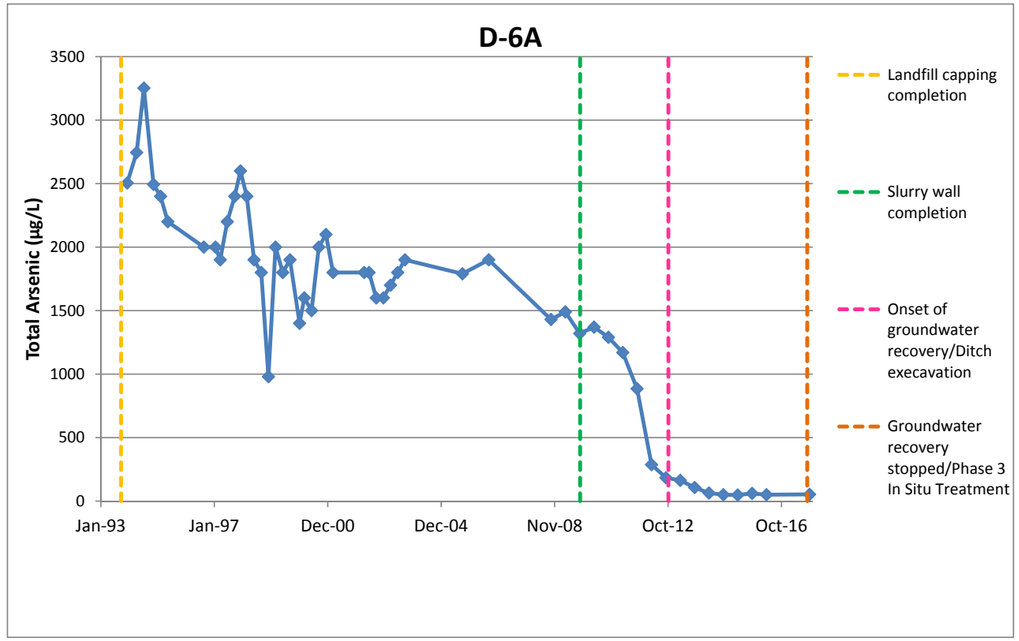
Figure 3
October 2017 Arsenic Results and Concentration Contours

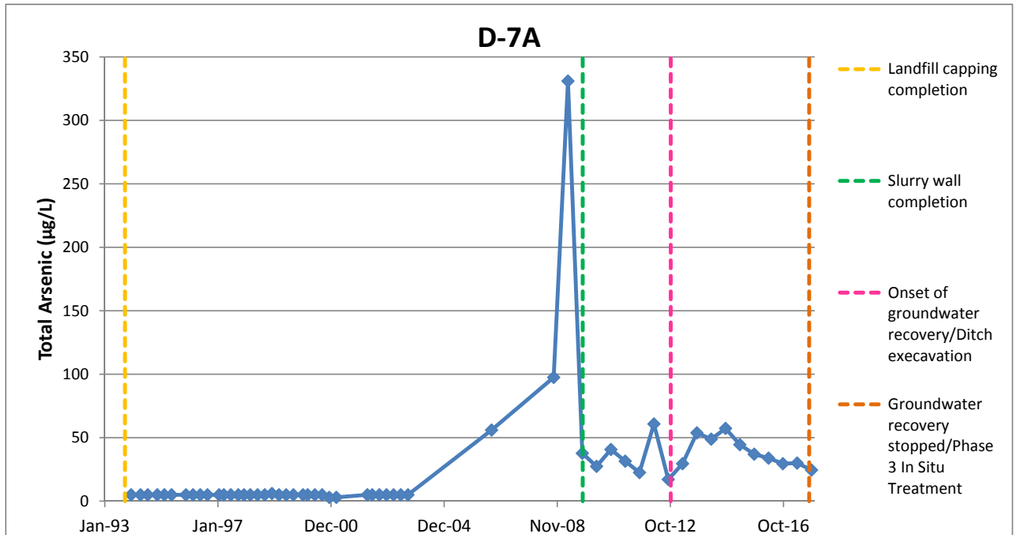
Path: I:\GIS\Projects\B&L-O&M\MXD\Compliance Monitoring Report\2017 Annual\Figure 3 October 2017 Arsenic Results and Concentration Contours.mxd
Date: 11/7/2017

Attachment 1
Time Concentration Plots

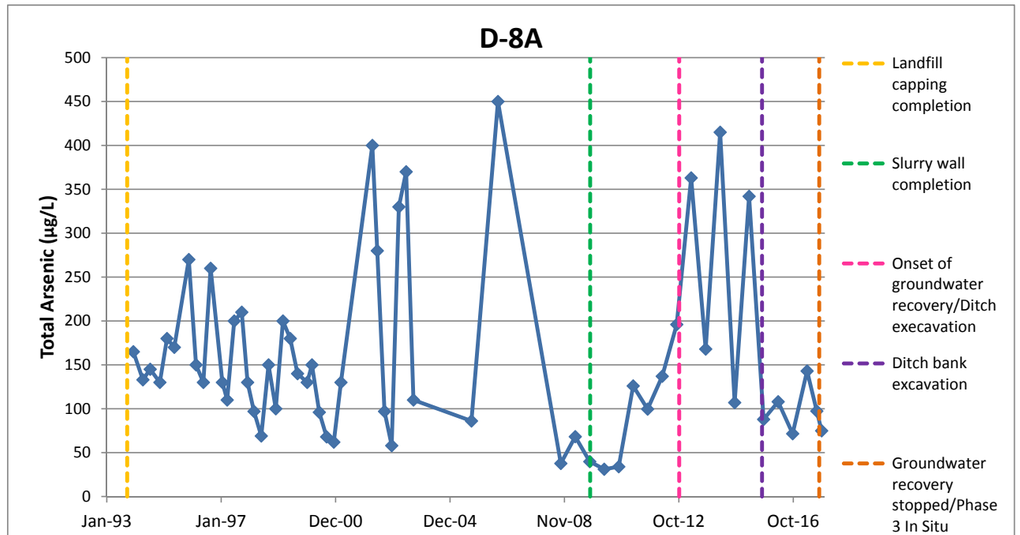
Attachment 1
Time-Concentration Plots



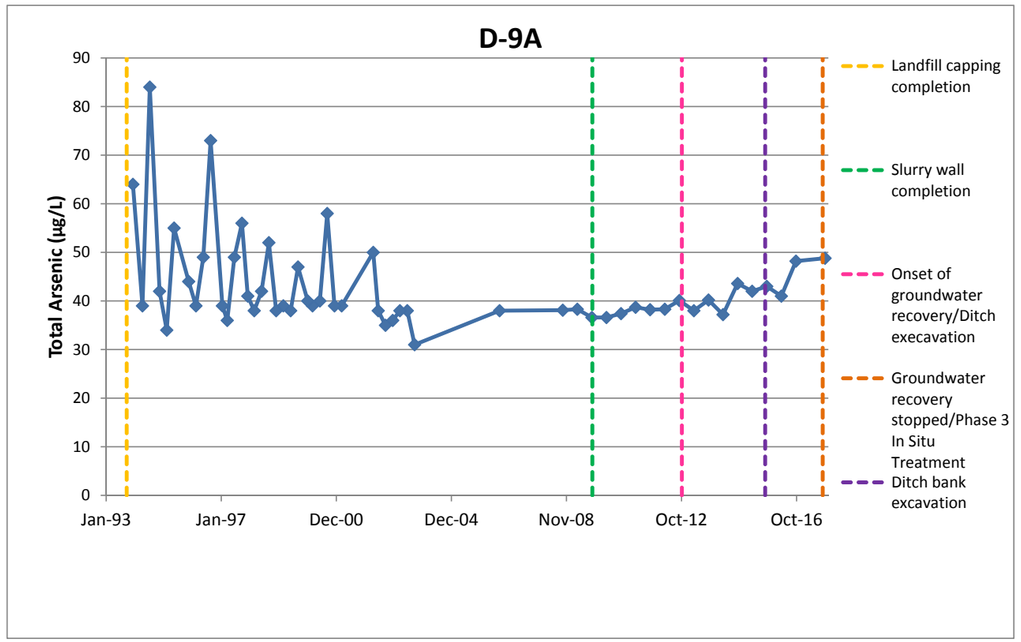


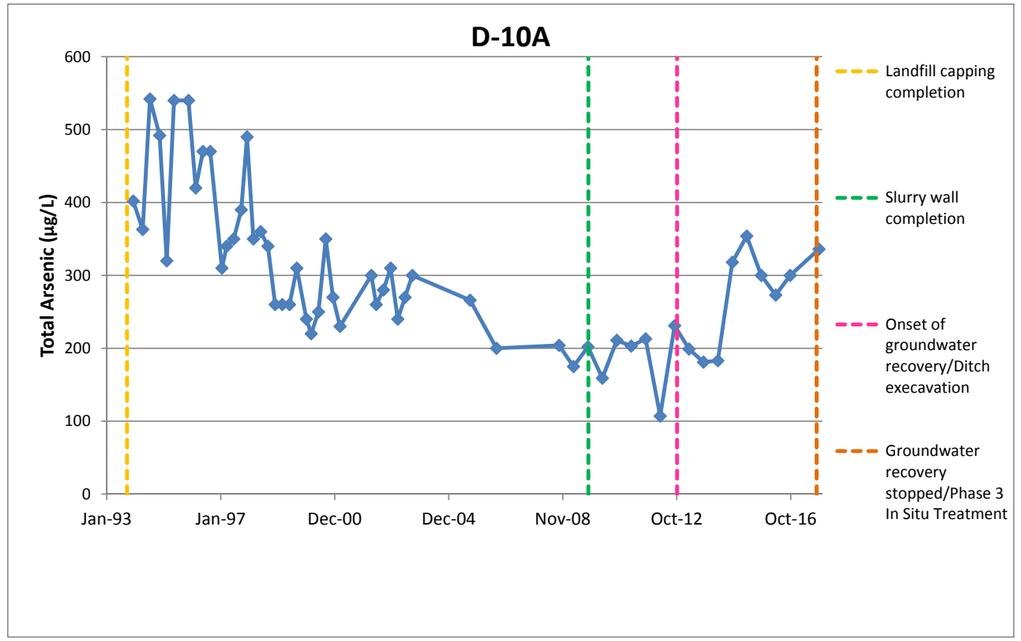


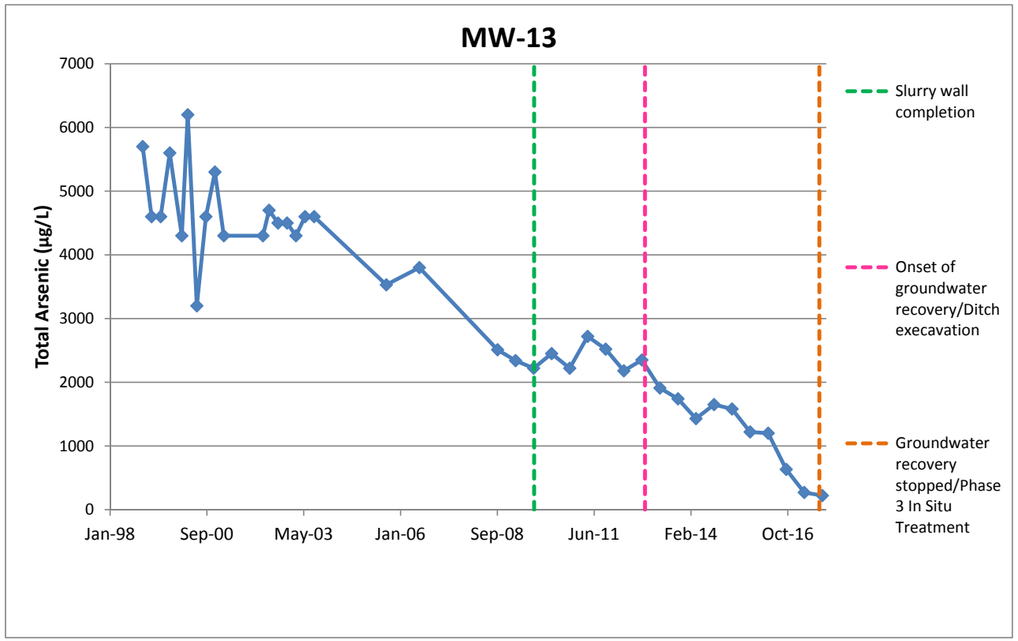
Notes: Detection limits vary. Non-detect results with detection limits of 5 µg/L or less are plotted at the detection limit. Non-detect results with detection limits greater than 5 µg/L have been omitted. Refer to Table 2.3.

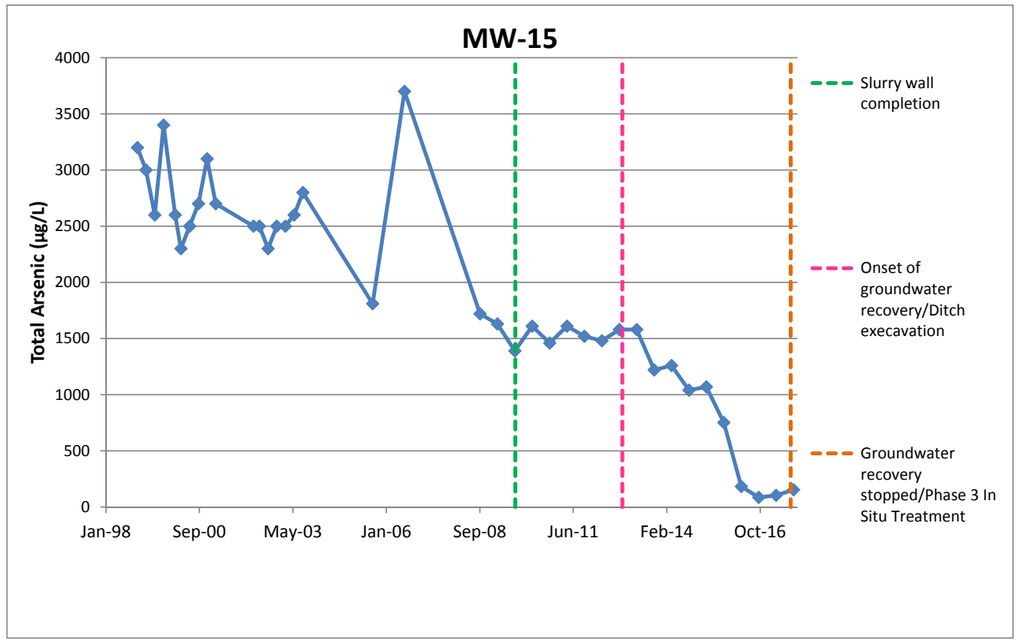


Attachment 1
Time-Concentration Plots









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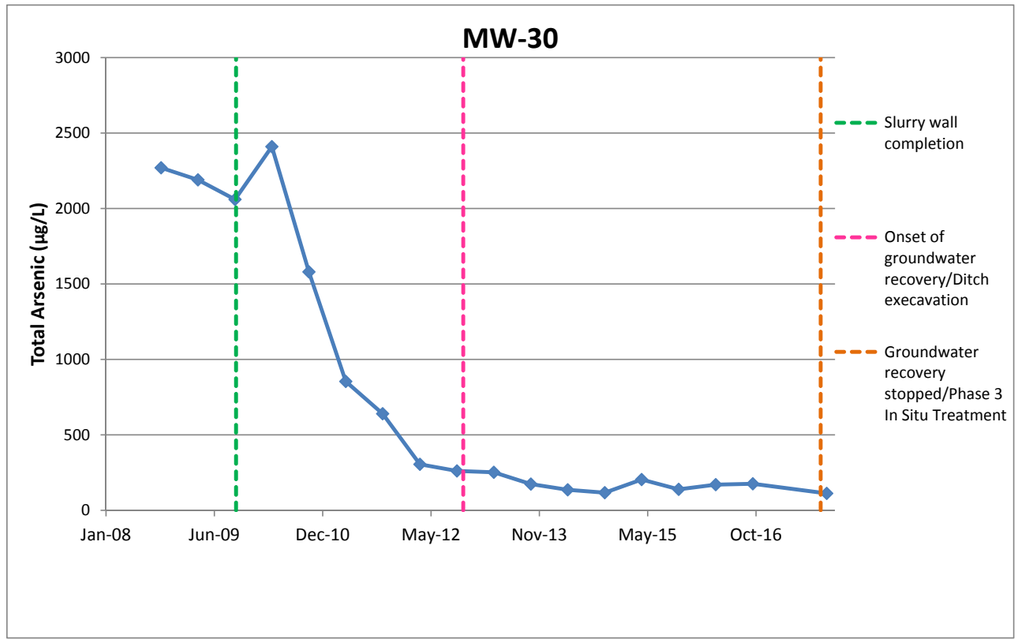
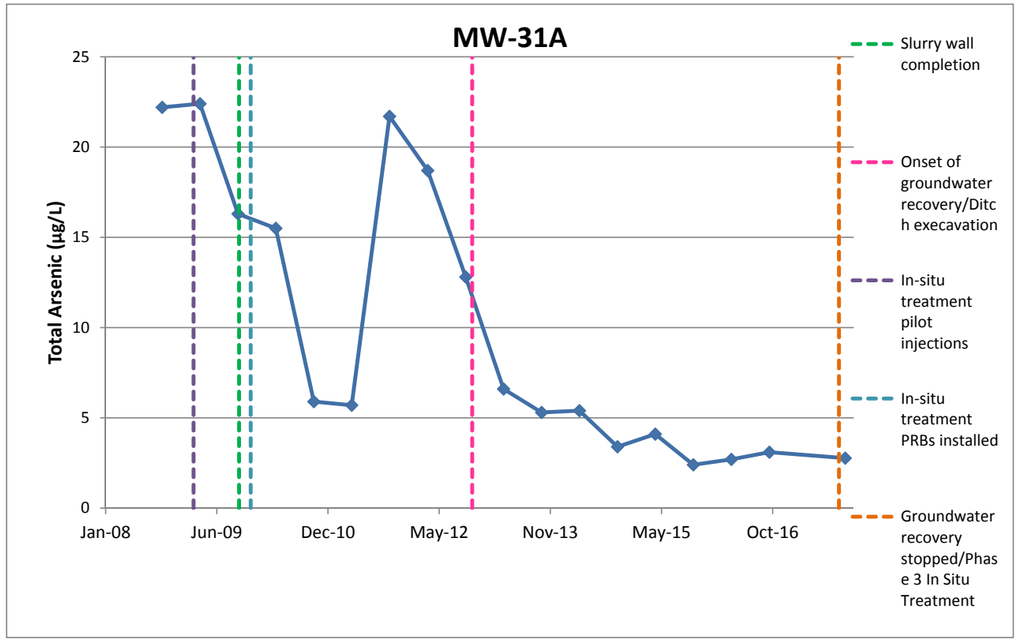
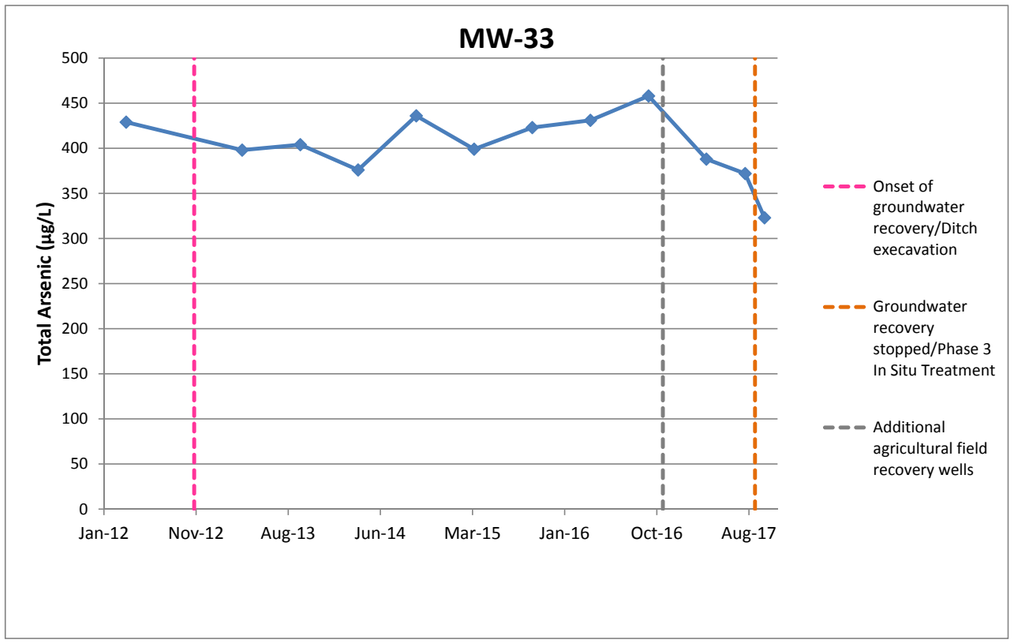
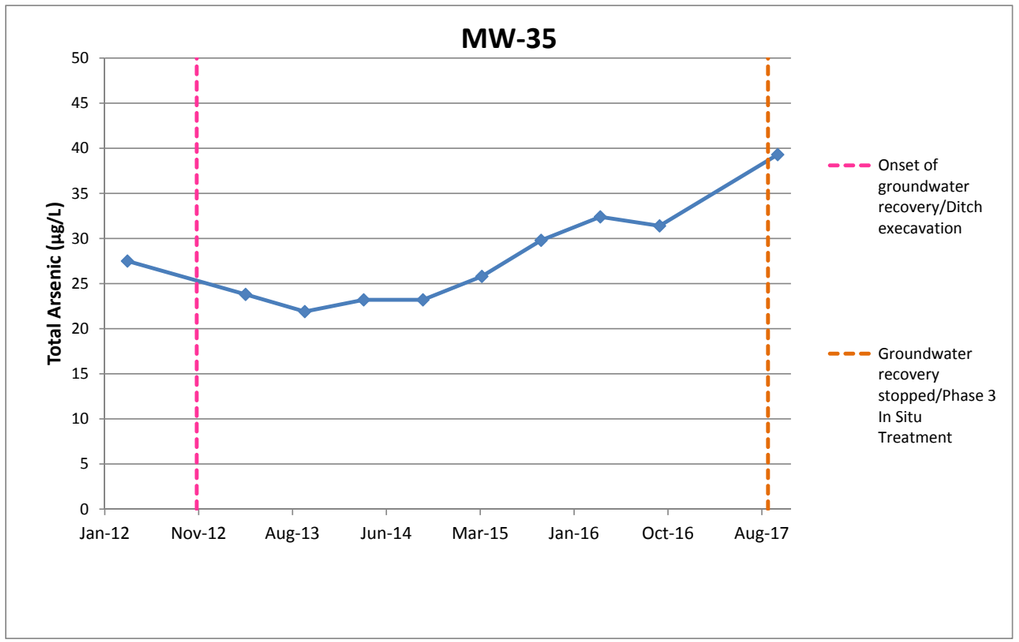
Time-Concentration Plots









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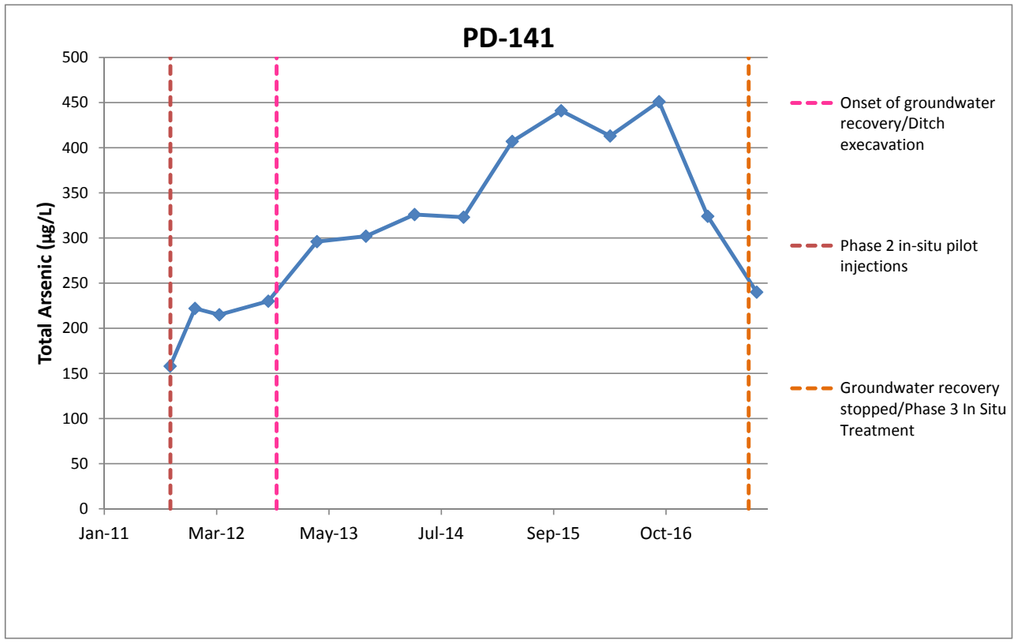
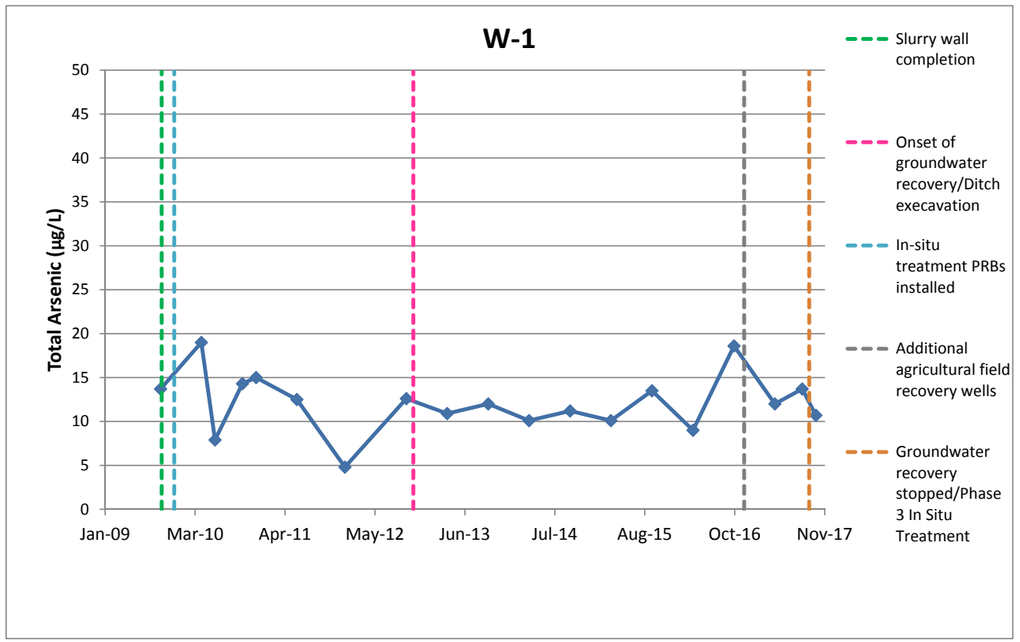
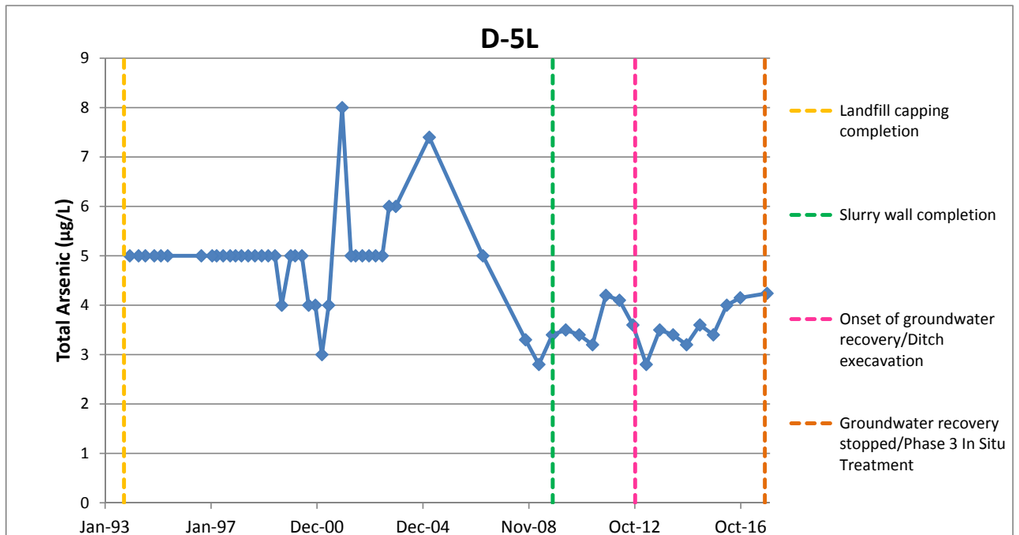
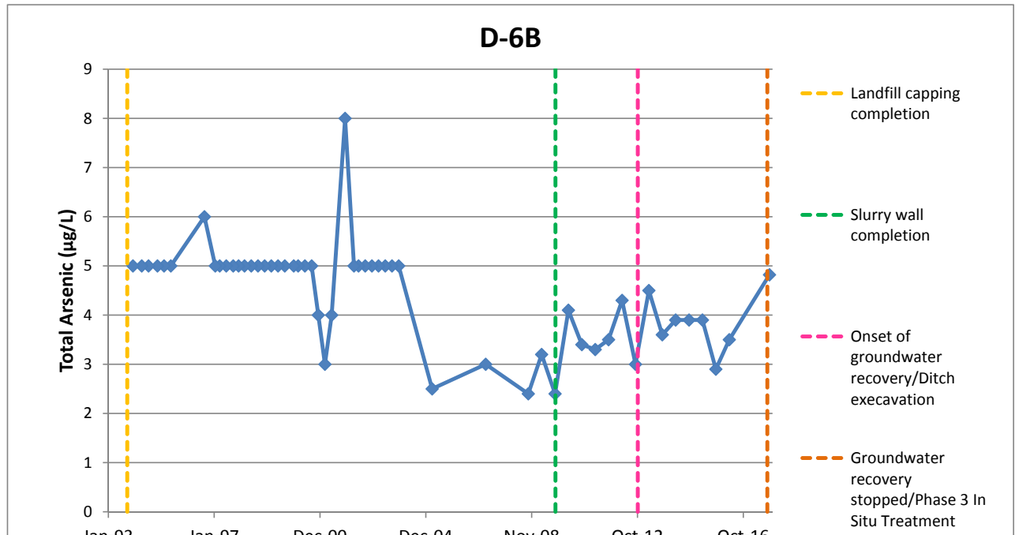






Notes: Detection limits vary. Non-detect results with detection limits of 5 µg/L or less are plotted at the detection limit. Non-detect results with detection limits greater than 5 µg/L have been omitted. Refer to Table 2.3.



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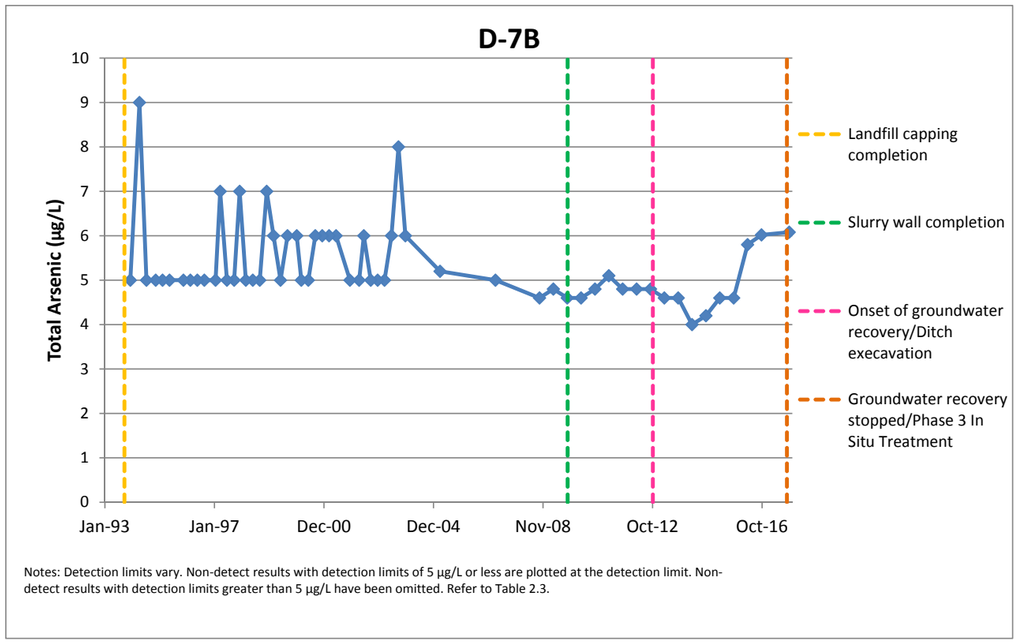

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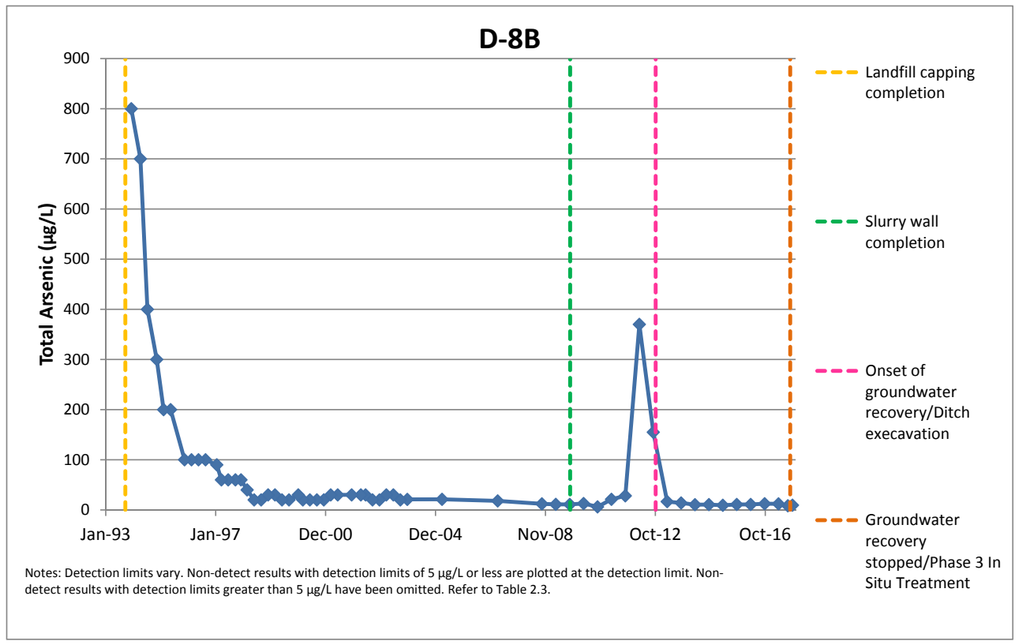

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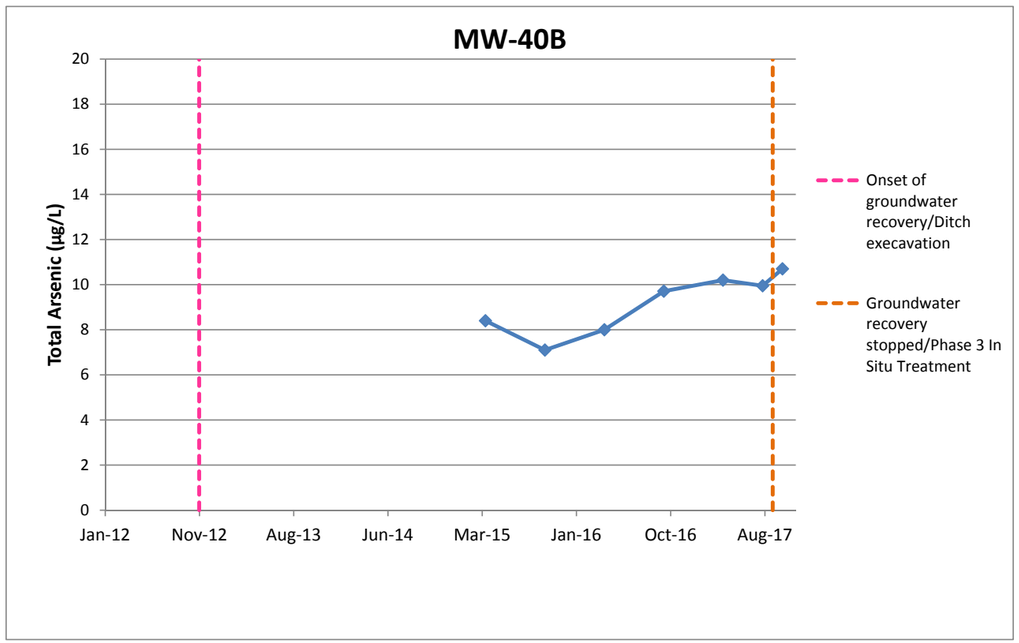

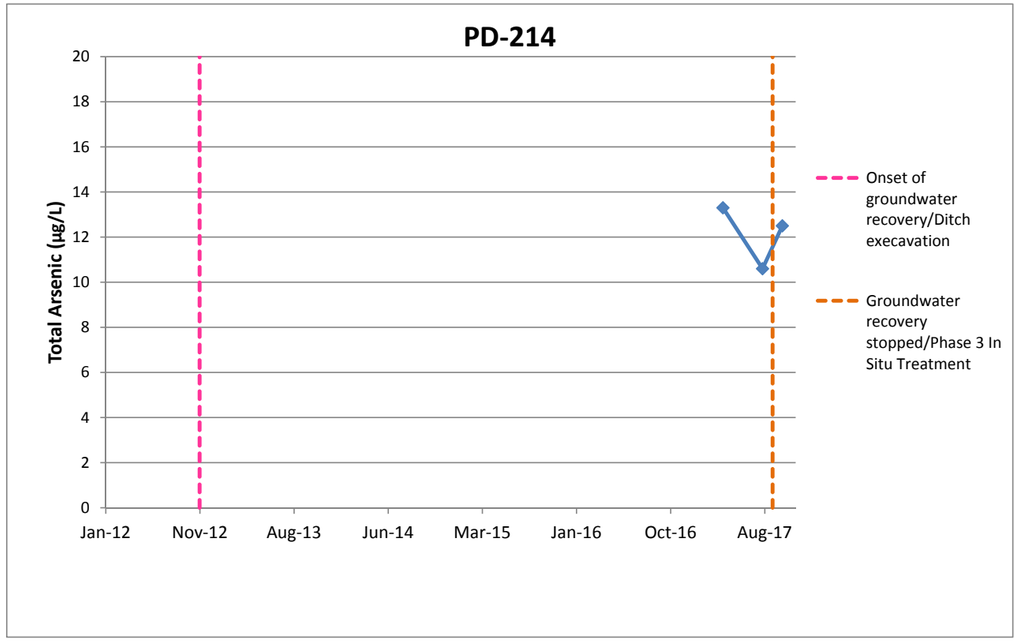

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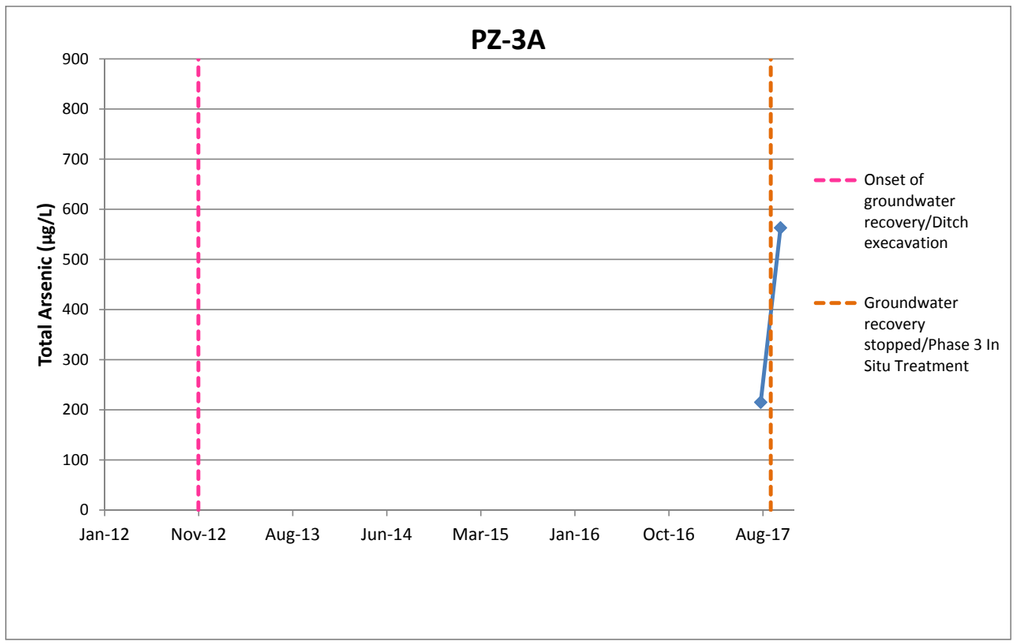

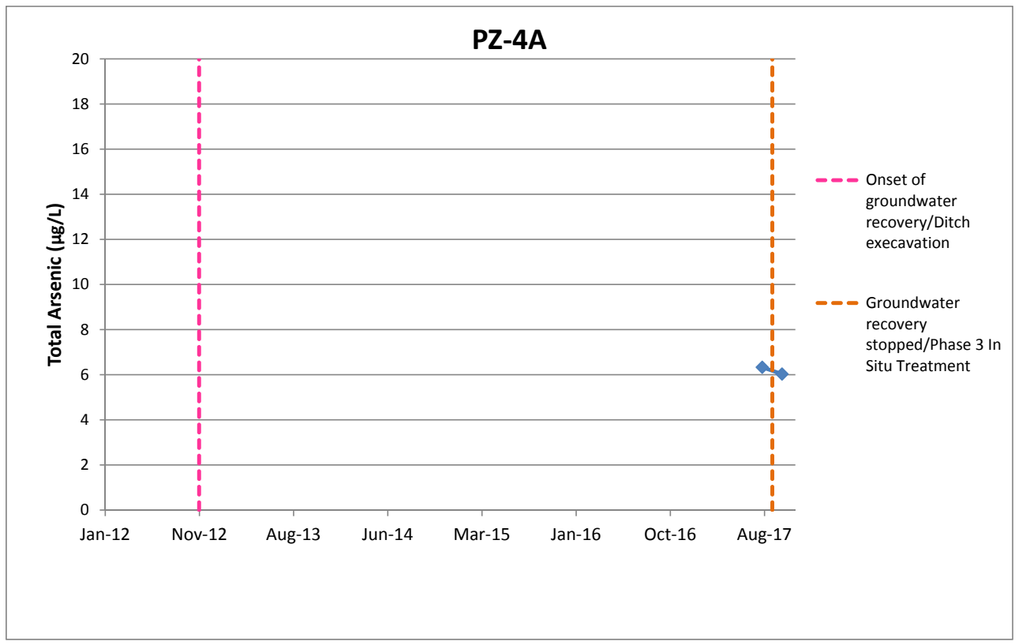

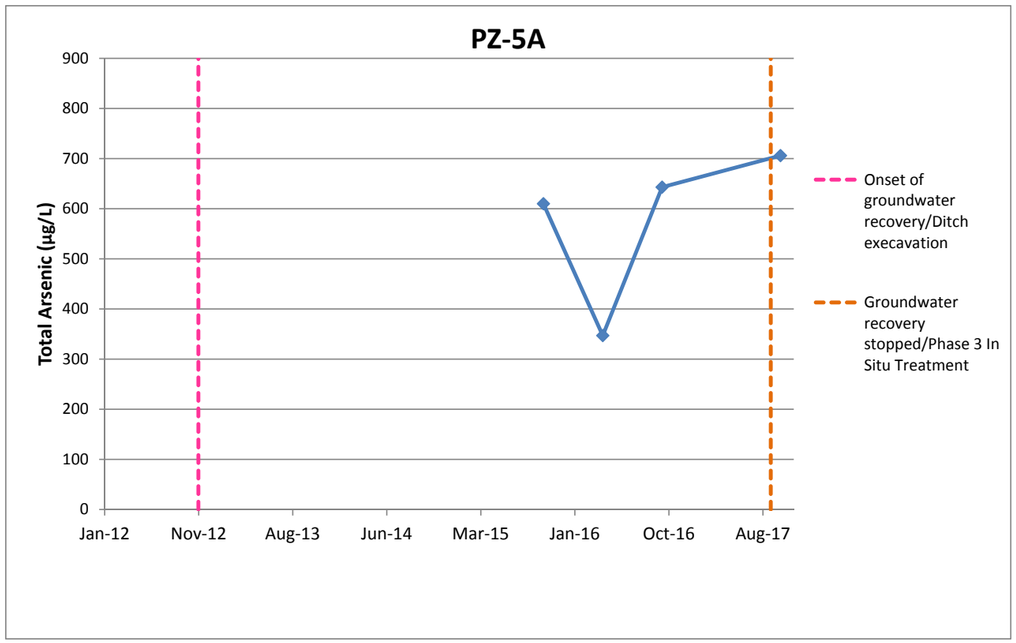

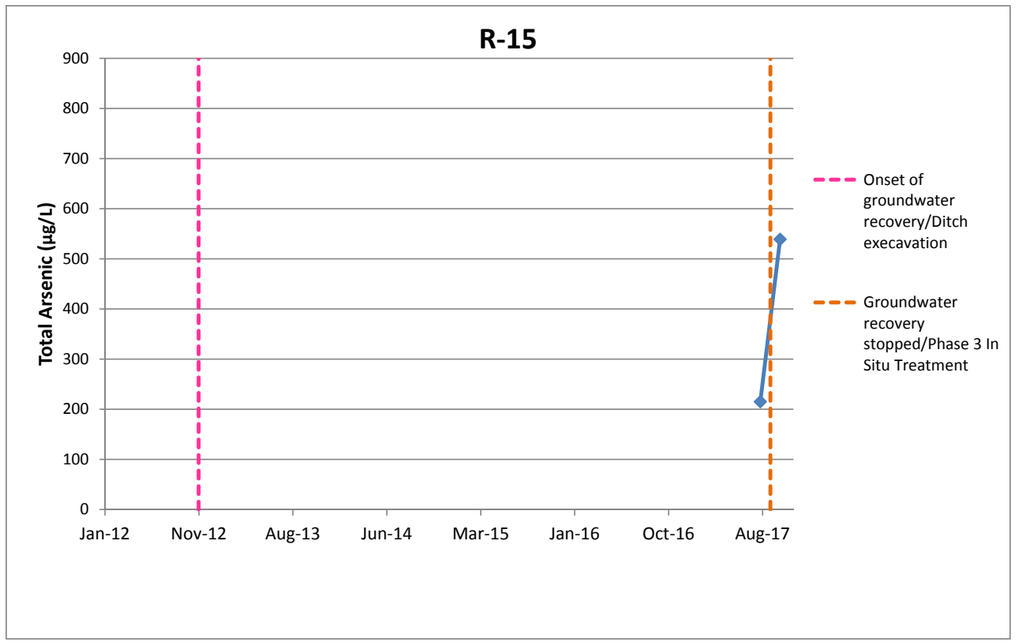

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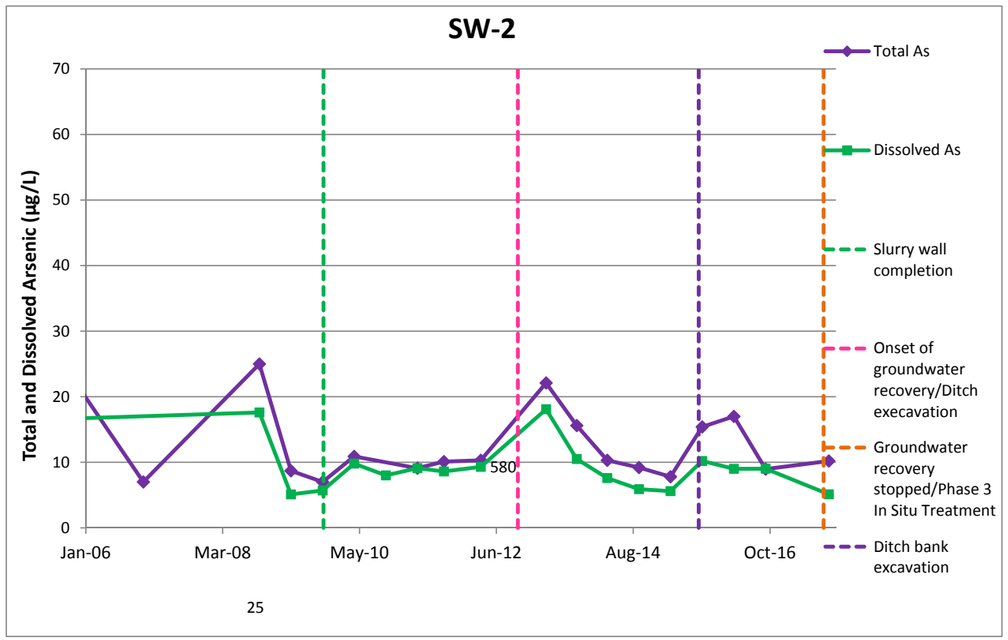

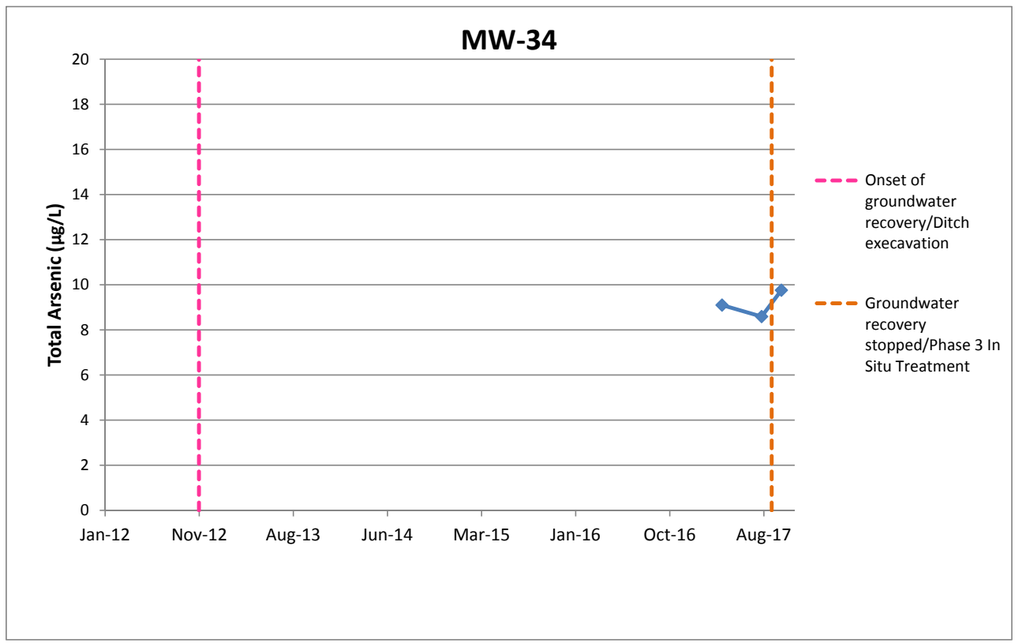

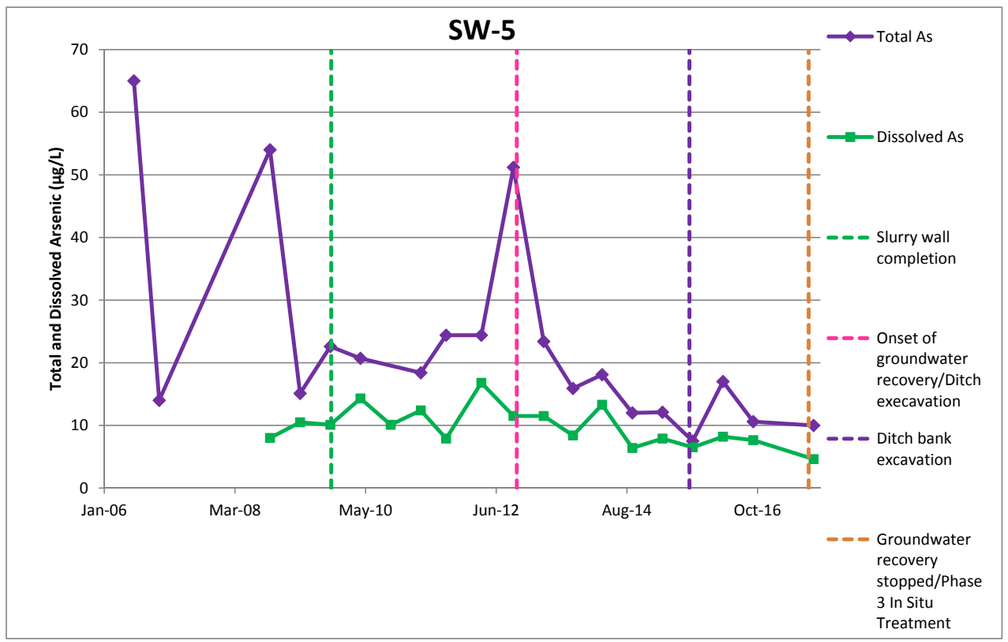

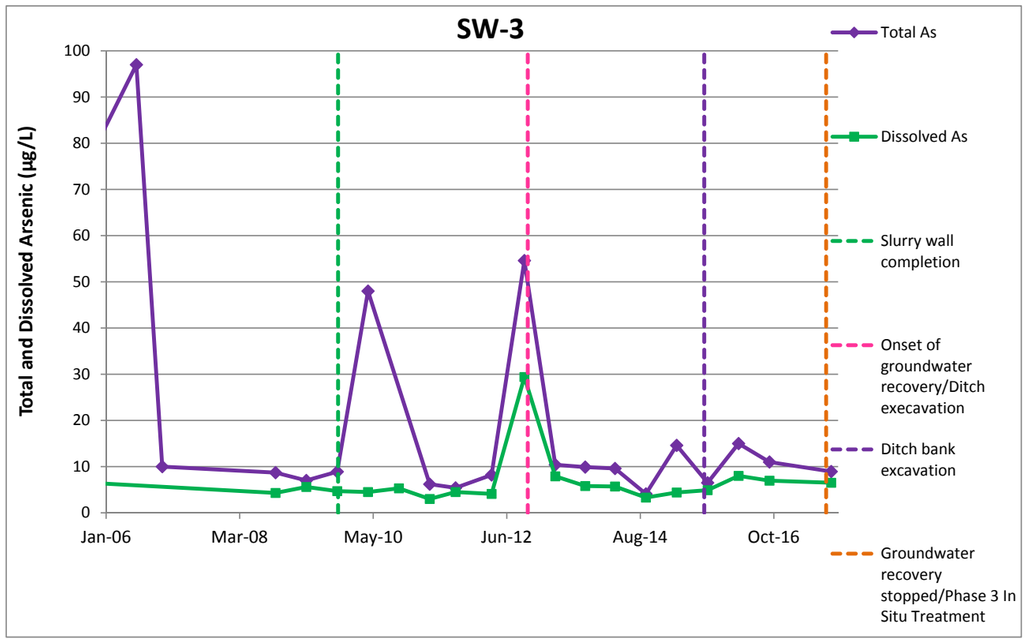

Attachment 2
Laboratory Analytical Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

October 30, 2017

Brett Beaulieu, Project Manager
Floyd-Snider
Two Union Square, Suite 600
601 Union St
Seattle, WA 98101

Dear Mr Beaulieu:

Included are the results from the testing of material submitted on October 20, 2017 from the B and L, F&BI 710339 project. There are 41 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
FDS1030R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on October 20, 2017 by Friedman & Bruya, Inc. from the Floyd-Snider B and L, F&BI 710339 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Floyd-Snider
710339 -01	BLW-GW-MW31A
710339 -02	BLW-GW-MW15
710339 -03	BLW-GW-MW13
710339 -04	BLW-GW-D6A
710339 -05	BLW-GW-D6B
710339 -06	BLW-GW-PD141
710339 -07	BLW-GW-170
710339 -08	BLW-GW-7A
710339 -09	BLW-GW-7B
710339 -10	BLW-GW-W1
710339 -11	BLW-GW-D5U
710339 -12	BLW-GW-D5L
710339 -13	BLW-SW-2
710339 -14	BLW-SW-2-F
710339 -15	BLW-SW-5
710339 -16	BLW-SW-5-F
710339 -17	BLW-GW-MW35
710339 -18	BLW-GW-MW30
710339 -19	BLW-GW-R15
710339 -20	BLW-GW-MW34
710339 -21	BLW-GW-MW33
710339 -22	BLW-GW-PD214
710339 -23	BLW-GW-MW40B
710339 -24	BLW-GW-D9A
710339 -25	BLW-GW-D8B
710339 -26	BLW-GW-D8A
710339 -27	BLW-GW-PZ4A
710339 -28	BLW-GW-PZ3A
710339 -29	BLW-SW-3
710339 -30	BLW-SW-3-F
710339 -31	BLW-GW-PZ5A
710339 -32	BLW-GW-MW172
710339 -33	BLW-GW-D10A

All quality control requirements were acceptable.

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW31A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-01
Date Analyzed:	10/26/17	Data File:	710339-01.113
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	2.77

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW15	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-02
Date Analyzed:	10/26/17	Data File:	710339-02.133
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	153

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW13	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-03
Date Analyzed:	10/26/17	Data File:	710339-03.134
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	221

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D6A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-04
Date Analyzed:	10/26/17	Data File:	710339-04.135
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	53.1

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D6B	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-05
Date Analyzed:	10/26/17	Data File:	710339-05.136
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	4.82

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PD141	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-06
Date Analyzed:	10/26/17	Data File:	710339-06.137
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	240

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-170	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-07
Date Analyzed:	10/26/17	Data File:	710339-07.138
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	229

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-7A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-08
Date Analyzed:	10/26/17	Data File:	710339-08.139
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	24.5

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-7B	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-09
Date Analyzed:	10/26/17	Data File:	710339-09.140
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	6.08

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-W1	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-10
Date Analyzed:	10/26/17	Data File:	710339-10.142
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	10.7

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D5U	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-11
Date Analyzed:	10/26/17	Data File:	710339-11.143
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	31.4

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D5L	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-12
Date Analyzed:	10/26/17	Data File:	710339-12.144
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	4.24

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-SW-2	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-13
Date Analyzed:	10/26/17	Data File:	710339-13.145
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	10.2

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-SW-5	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-15
Date Analyzed:	10/26/17	Data File:	710339-15.146
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	9.99

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW35	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-17
Date Analyzed:	10/26/17	Data File:	710339-17.147
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	39.3

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW30	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-18
Date Analyzed:	10/26/17	Data File:	710339-18.148
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	112

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-R15	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-19
Date Analyzed:	10/26/17	Data File:	710339-19.149
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	539

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW34	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-20
Date Analyzed:	10/26/17	Data File:	710339-20.150
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	9.76

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW33	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-21
Date Analyzed:	10/25/17	Data File:	710339-21.034
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	323

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PD214	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-22
Date Analyzed:	10/25/17	Data File:	710339-22.056
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	12.5

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW40B	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-23
Date Analyzed:	10/26/17	Data File:	710339-23.060
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	10.7

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D9A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-24
Date Analyzed:	10/26/17	Data File:	710339-24.151
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	48.8

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D8B	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-25
Date Analyzed:	10/26/17	Data File:	710339-25.153
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	9.46

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D8A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-26
Date Analyzed:	10/26/17	Data File:	710339-26.154
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	74.9

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PZ4A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-27
Date Analyzed:	10/26/17	Data File:	710339-27.155
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	6.03

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PZ3A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-28
Date Analyzed:	10/26/17	Data File:	710339-28.156
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	563

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-SW-3	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-29
Date Analyzed:	10/26/17	Data File:	710339-29.157
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	8.94

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PZ5A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-31
Date Analyzed:	10/26/17	Data File:	710339-31.158
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	706

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW172	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-32
Date Analyzed:	10/26/17	Data File:	710339-32.159
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	5.91

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D10A	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	710339-33
Date Analyzed:	10/26/17	Data File:	710339-33.160
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	336

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	I7-587 mb2
Date Analyzed:	10/24/17	Data File:	I7-587 mb2.031
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	B and L, F&BI 710339
Date Extracted:	10/24/17	Lab ID:	I7-591 mb
Date Analyzed:	10/25/17	Data File:	I7-591 mb.023
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	BLW-SW-2-F	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/26/17	Lab ID:	710339-14
Date Analyzed:	10/26/17	Data File:	710339-14.086
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	5.12

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	BLW-SW-5-F	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/26/17	Lab ID:	710339-16
Date Analyzed:	10/26/17	Data File:	710339-16.092
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	4.62

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	BLW-SW-3-F	Client:	Floyd-Snider
Date Received:	10/20/17	Project:	B and L, F&BI 710339
Date Extracted:	10/26/17	Lab ID:	710339-30
Date Analyzed:	10/26/17	Data File:	710339-30.093
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	6.51

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	B and L, F&BI 710339
Date Extracted:	10/26/17	Lab ID:	I7-597 mb
Date Analyzed:	10/26/17	Data File:	I7-597 mb.061
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	AP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1

Date of Report: 10/30/17
Date Received: 10/20/17
Project: B and L, F&BI 710339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 710338-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	4.14	103	107	70-130	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	104	85-115

Date of Report: 10/30/17
Date Received: 10/20/17
Project: B and L, F&BI 710339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 710339-21 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	323	45 b	33 b	70-130	31 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	91	85-115

Date of Report: 10/30/17
Date Received: 10/20/17
Project: B and L, F&BI 710339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED METALS USING EPA METHOD 200.8

Laboratory Code: 710339-14 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	5.12	117	124	70-130	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	110	85-115

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

710339 [redacted]

SAMPLE CHAIN OF CUSTODY

ME 10-20-17 [redacted]

Page # 1 of 4 AJS

Report To Brett Beaulieu

Company Floyd Snider

Address 601 Union St, Suite 600

City, State, ZIP Seattle, WA 98101

Phone 206-292-2078 Email Brett.Beaulieu@FloydSnider.com

SAMPLERS (signature) [signature]

PROJECT NAME: BtL

PO #

REMARKS

INVOICE TO

TURNAROUND TIME
☒ Standard Turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Archive Samples
☐ Other

						ANALYSES REQUESTED											
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total Arsenic				Notes
BLW-GW-MW31A	01	10/18/17	0915	GW	1								X				
BLW-GW-MW15	02	↓	1020	↓	1								X				
BLW-GW-MW13	03	↓	0900	↓	1								X				
BLW-GW-D6A	04	↓	1000	↓	1								X				
BLW-GW-D6B	05	↓	1035	↓	1								X				
BLW-GW-PD141	06	↓	1200	↓	1								X				
BLW-GW-170	07	↓	1200	↓	1								X				
BLW-GW-7A	08	↓	1310	↓	1								X				
BLW-GW-7B	09	↓	1350	↓	1								X				Samples received at 3 °C
BLW-GW-W1	10	↓	1335	↓	1								X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	[signature]	Pamela Osterhout	Floyd Snider	10/20/17	0915
Received by:	[signature]	DO VO	FBI	10-20	14:20
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

710339

SAMPLE CHAIN OF CUSTODY

ME 10-20-17

AJS

Page # 2 of 4

Report To Brett Bowlen

Company Floyd Snider

Address See page 1

City, State, ZIP

Phone Email

SAMPLERS (signature)

PROJECT NAME: BTL

PO #

REMARKS

INVOICE TO

TURNAROUND TIME
- [X] Standard Turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [X] Dispose after 30 days
- [ ] Archive Samples
- [ ] Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total Arsenic	Diss. Arsenic			Notes
BLW-GW-D5U	11	10/18/17	1157	GW	1								X				
BLW-GW-D5L	12		1230	GW	1								X				
BLW-SW-2	13		1402	SW	1								X				
BLW-SW-2-F	14		1403	SW	1									X			Field Filtered
BLW-SW-5	15		1430	SW	1								X				
BLW-SW-5-F	16		1432	SW	1									X			Field Filtered
BLW-GW-MW35	17		1533	GW	1								X				
BLW-GW-MW30	18		1550	GW	1								X				
BLW-GW-R15	19	10/19/17	1020	GW	1								X				Samples received at 3 °C
BLW-GW-MW34	20	10/19/17	1115	GW	1								X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Pamela Osterhout	Floyd Snider	10/20/17	0915
Received by:		DD VB	FSBE	10-20	14:20
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

710339

ME 10-20-17

AIS

SAMPLE CHAIN OF CUSTODY

Page # 3 of 4

Report To Brett Beaulieu

Company Floyd | Snider

Address

City, State, ZIP See Pg 1

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: B+L Woodwaste

PO #: 1507

REMARKS

INVOICE TO

TURNAROUND TIME
- ☒ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☒ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total Arsenic	Dissolved Arsenic			Notes
	ANALYSES REQUESTED																
BLW-GW-MW33	~~10/19/17~~ 21	10/19/17	9:35	GW	1								X				
BLW-GW-PD21A	22	↓	10:33	GW	1								X				
BLW-GW-MW40B	23		11:15	GW	1								X				
BLW-GW-D9A	24		12:45	GW	1								X				
BLW-GW-D8B	25		12:45	GW	1								X				
BLW-GW-D8A	26		13:35	GW	1								X				
BLW-GW-PZ4A	27		14:25	GW	1								X				
BLW-GW-PZ3A	28		15:35	GW	1								X				Samples received at 3 °C
BLW-SW-3	29		14:40	SW	1								X				
BLW-SW-3-F	30	↓	14:41	SW	1									X			Field filtered

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Pamela Osterhout	Floyd Snider	10/20/17	0915
Received by:		DO VD	FRE	10-20-17	14:20
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

710339

SAMPLE CHAIN OF CUSTODY

ME 10-20-17 AES

Page # 4 of 4

Report To Brett Beaulieu

Company Floyd | Snider

Address

City, State, ZIP see pg 1

Phone Email

SAMPLERS (*signature*)

PROJECT NAME B & L Woodwaste

PO # ~~1507~~

REMARKS

INVOICE TO

TURNAROUND TIME
- ☒ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☒ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total arsenic	Dissolved arsenic			Notes
BLW-GW-PZ5A	31	10/19/17	1615	GW	1								X				
BLW-GW-MW172	32	10/19/17	1200	GW	1								X				
BLW-GW-D10A	33	10/19/17	1655	GW	1								X				

Samples received at 3 °C

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Pamela Osterhout	Floyd Snider	10/20/17	0915
Received by:		DOH	F&BD	10-20-17	14:20
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
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Seattle, WA 98119-2029
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
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Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
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fbi@isomedia.com
www.friedmanandbruya.com

August 11, 2017

Brett Beaulieu, Project Manager
Floyd-Snider
Two Union Square, Suite 600
601 Union St
Seattle, WA 98101

Dear Mr Beaulieu:

Included are the results from the testing of material submitted on August 7, 2017 from the B and L Woodwaste, PO 1532, F&BI 708116 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
FDS0811R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 7, 2017 by Friedman & Bruya, Inc. from the Floyd-Snider B and L Woodwaste, PO 1532, F&BI 708116 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Floyd-Snider
708116 -01	BLW-GW-D-8B
708116 -02	BLW-GW-PZ-4A
708116 -03	BLW-GW-PZ-3A
708116 -04	BLW-GW-MW29
708116 -05	BLW-GW-D8A
708116 -06	BLW-GW-MW33
708116 -07	BLW-GW-W1
708116 -08	BLW-GW-MW40B
708116 -09	BLW-GW-PD214
708116 -10	BLW-GW-R15
708116 -11	BLW-GW-MW34

All quality control requirements were acceptable.

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D-8B	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-01
Date Analyzed:	08/09/17	Data File:	708116-01.104
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	8.34

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PZ-4A	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-02
Date Analyzed:	08/09/17	Data File:	708116-02.107
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	6.33

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PZ-3A	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-03
Date Analyzed:	08/09/17	Data File:	708116-03.108
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	215

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW29	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-04
Date Analyzed:	08/09/17	Data File:	708116-04.109
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	106

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-D8A	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-05
Date Analyzed:	08/09/17	Data File:	708116-05.110
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	97.4

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW33	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-06
Date Analyzed:	08/09/17	Data File:	708116-06.112
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	372

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-W1	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-07
Date Analyzed:	08/09/17	Data File:	708116-07.113
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	13.7

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW40B	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-08
Date Analyzed:	08/09/17	Data File:	708116-08.114
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	9.95

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-PD214	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-09
Date Analyzed:	08/09/17	Data File:	708116-09.115
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	10.6

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-R15	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-10
Date Analyzed:	08/09/17	Data File:	708116-10.116
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	215

Analysis For Total Metals By EPA Method 200.8

Client ID:	BLW-GW-MW34	Client:	Floyd-Snider
Date Received:	08/07/17	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	708116-11
Date Analyzed:	08/09/17	Data File:	708116-11.117
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	8.59

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	B and L Woodwaste, PO 1532
Date Extracted:	08/08/17	Lab ID:	I7-419 mb
Date Analyzed:	08/08/17	Data File:	I7-419 mb.085
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1

Date of Report: 08/11/17
Date Received: 08/07/17
Project: B and L Woodwaste, PO 1532, F&BI 708116

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 708116-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	8.34	112	104	70-130	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	99	85-115

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

708116

SAMPLE CHAIN OF CUSTODY

ME 08/07/17 AIS

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Report To Brett Beaulieu

Company Floyd Snider

Address 601 Union St, Suite 600

City, State, ZIP Seattle, WA 98101

Phone 206 292-2078 Email Brett.Beaulieu@FloydSnider.com

SAMPLERS (*signature*)

PROJECT NAME: BrL Woodwaste

PO #: 1532

REMARKS

INVOICE TO

TURNAROUND TIME
- [X] Standard Turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [X] Dispose after 30 days
- [ ] Archive Samples
- [ ] Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	200.8 Arsenic (total)				Notes
BLW-GW-D8B	01	7/31/17	1050	W	1								X				
BLW-GW-PZ-4A	02		1110		1								X				
BLW-GW-PZ-3A	03		1212		1								X				
BLW-GW-MW29	04		1235		1								X				
BLW-GW-D8A	05		1245		1								X				
BLW-GW-MW33	06		1410		1								X				
BLW-GW-W1	07		1420		1								X				
BLW-GW-MW40B	08		1532		1								X				
BLW-GW-PD214	09		1540		1								X				
BLW-GW-R15	10	↓	1545	↓	1								X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Kristin Anderson	FS	8/7/17	1025
Received by:	Nhan Phan	FCBI	8/7/17	1100
Relinquished by:				
Received by:		Samples received at ____ °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

708116

SAMPLE CHAIN OF CUSTODY

ME 08/07/17

AIS

Page # 2 of 2

Report To Brett Beaulieu

Company Floyd Snider

Address 601 Union Street, St. 600

City, State, ZIP Seattle, WA 98101

Phone 206.292.2078 Email Brett.Beaulieu@floydsnider.com

SAMPLERS (*signature*)

PROJECT NAME: B+L Woodwaste

PO #: 1532

REMARKS

INVOICE TO

TURNAROUND TIME
- [x] Standard Turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Archive Samples
- [ ] Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	2ss. & Arsenic (Total)				Notes
BL-GW-MW34	11	8/3/17	0835	W	1								X				
							8/3/17										

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Kristin Andersen	FS	8/7/17	1025
Received by:	Nhan Phan	FEBJ	8/7/17	11:00
Relinquished by:				
Received by:		Samples received at ____ °C		

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