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LCP CHEMICAL SITE OPERABLE UNIT 2 DATA SUMMARY (2017-2019)

TABLE OF CONTENTS

NARRATIVE **1**

Background 1
Summary of Work Performed 1
References 4

FIGURES **5**

TABLES **6**

ATTACHMENT 1- BORING LOGS **7**

ATTACHMENT 2- WATERLOO DATA PACKAGE **8**

NARRATIVE

Background

Honeywell, the Atlantic Richfield Company ("ARCO"), and the Georgia Power Company are Responsible Parties ("RPs") to an Administrative Order of Consent with the U.S. Environmental Protection Agency ("EPA"), to conduct a Remedial Investigation and Feasibility Study ("RI/FS") for the LCP Chemicals Superfund Site (the "Site") located in Brunswick, Georgia. EPA is administering the Site as three Operable Units ("OUs"): OU1 pertains to the salt marsh; OU2 pertains to site-wide groundwater (and the footprint of the former mercury cell building – both soil and groundwater); and OU3 pertains to the upland soil.

Since 2017, the RPs have executed three Work Plans under the direction of EPA to inform the RI/FS for OU2 (EPS, 2017; EPS, 2018a; EPS, 2018b). The work completed includes:

- sampling of site-wide groundwater monitoring wells (performed in 2017);
- a second round of sampling of a subset of the site-wide groundwater monitoring wells (performed in 2018/19);
- subsurface characterization of the cell building area ("CBA"), including soil borings with continuous soil coring and water quality profiling of the caustic brine pool ("CBP"); and
- collection of soil and groundwater for a site-specific mercury distribution coefficient analysis (Kd study) and to provide necessary geochemical inputs for re-examination of the thermodynamic model of metal speciation presented in the 1997 RI, following the CO2 treatment completed for the CBP in 2016.

Based on a discussion with the EPA February 6, 2019, EPA has agreed that the RPs should submit a summary of soil and groundwater data collected from execution of these work scopes. This summary is organized as an index with supporting elements of work.

Summary of Work Performed

Groundwater Sampling

Groundwater sampling was performed in 2017 to obtain a comprehensive measurement of groundwater quality from the entire network of on-site monitoring wells (shown on Figure 1) and

in 2018 for a subset of monitoring wells (Figure 2) in accordance with the respective work plans. The monitoring well analytical testing regimen comprised the following[1]:

- Target Analyte List ("TAL') metals by Method 6010C (2017) or Method 200.8 (2018);
- Mercury by Method 7470A for high concentrations and Method 1631E for low concentrations;
- Volatile organic compounds ("VOCs") by Method 8260C;
- Polycyclic aromatic hydrocarbons ("PAHs") by Method 8270D SIM; and
- pH by field flow-through cell and laboratory test method SM4500-H+B.

Concentrations of metals (including mercury), VOCs, and PAHs detected in groundwater samples are provided in Tables 1a-c, respectively. Geochemical parameters (silica, TDS, alkalinity) and general water quality parameters (pH, conductivity, oxidation-reduction potential ("ORP")) are provided in Table 1d.

Soil Borings

In November-December 2018, soil borings were completed with continuous soil coring from the ground surface to the base of the Satilla Formation[2] at 13 locations within the CBA (as shown on Figure 3). Boring logs are included as Attachment 1. Soil cores were visually characterized for the presence of metallic mercury and further evaluated through analytical testing of total mercury (Method 1631B) in soil core samples. The sampling interval was dictated by the presence (or absence) of metallic mercury in the soil core but generally followed a vertical frequency of 4 feet, resulting in approximately 12 soil samples per boring (less if observable quantities of metallic mercury were present). Vadose zone soil samples were collected at two depth intervals at approximately 0.5 and 3.5 feet below ground surface ("ft-bgs") for testing of TAL metals (Method 6020), including mercury (Method 1631B), and PAHs (Method 8270C). In addition, soil cores were examined for PAH indicators including visual observation for discoloration or staining, identification of odor, and use of ultraviolet light scanning for identifying the presence of petroleum. Soil samples were collected for PAH analysis where PAH indicators were observed (whether above or below the water table).

Concentrations of TAL metals (mercury shown separately) and PAHs detected in soil samples are provided in Tables 2a-c, respectively.

[1] In 2017, select wells downgradient (west) of the CBA were also analyzed for silica (Method 6010C), total dissolved solids ("TDS") (Method SM2540C), and alkalinity (Method SM2320B to evaluate potential rebound 1 year after the CO_2 neutralization work for the CBP.

[2] Soil and water quality profiling borings generally were terminated in the dense clay layer above the cemented sandstone. The top of the cemented sandstone was tagged in one soil boring, CB2-SB-3.

CBP Profiling

Profiling of the CBP was accomplished in two phases, as shown on Figure 4. Phase I (December 2018) consisted of direct-push profiling and sampling[3] performed from the water table to the base of the Satilla Formation in an offset boring to 11 soil core borings and in 5 additional borings (2 in the area of the former Salt Plant and 3 north of Cell Building 1). The presence of the CBP was ascertained in real-time via a continuous profile of conductivity measurements, and further confirmed through visual assessment and testing of groundwater purged from discrete sampling zones of approximately 20, 35, and 48 ft-bgs. Groundwater purged at each of the three prescribed depth intervals was passed into a flow-through cell and water quality meter for testing of general water-quality parameters (*i.e.*, temperature, pH, conductivity, redox potential, dissolved oxygen) and subject to the following analytical testing regimen[4]:

- Mercury by Method 1631E;
- Total Dissolved Solids ("TDS") by Method SM2540C; and
- Silica by Method 4500-SiO_2 C-1997.

Phase II (February 2019) consisted of discrete-interval sampling with a screen-point sampling tool at 14 locations to refine lateral delineation of the CBP within and proximate to the CBA. Groundwater was purged from approximately 45 ft-bgs (zone of peak pH condition based on results from Phase I) and passed into a flow through cell and water quality meter for testing of general water-quality parameters (pH, conductivity, redox potential).

Concentrations of mercury, TDS, and silica detected in groundwater samples collected during Phase I are presented in Table 3a. General water quality parameters (pH, conductivity, ORP, turbidity) from Phase I and Phase II are provided in Table 3b. Real-time vertical profile measurements collected during Phase I are provided as Attachment 2.

K_d Study and Thermodynamic Modeling of Metal Speciation

Additional characterization of soil and groundwater served to determine the amount and direction of mercury partitioning between soil and groundwater (K_d Study) and provide necessary geochemical inputs for re-examination of the chemical thermodynamic model presented in the 1997 RI following the CO_2 treatment and associated pH reduction. The sampling design, which was accomplished December 2018-January 2019, consisted of the following:

- Additional groundwater characterization was performed along the two monitoring well transects from each cell building to the downgradient boundary of OU2 (Figure 5): Cell Building 1 well transect comprised of MW-351 to MW-354 (including new well installation MW-361) and the Cell Building 2 well transect comprised of MW-355 to MW-358 (including new well installation MW-362). In addition to the routine analytical

[3] Profiling and sampling were accomplished through use of the Waterloo Advanced Profiling System tool.

[4] A portion of sample CB2-SB-5-35W allocated for silica and TDS analysis was spilled at the laboratory; the silica and TDS analyses were not performed for this samples. In addition, a portion of sample CB2-SB-5-45W allocated for silica analyses was misplaced at the laboratory; the silica analyses was not performed for this sample.

testing regimen (described in "Site-wide Groundwater Sampling section of this report), these wells were tested for organic carbon (Method SM5310), silica (Method 4500-SiO_2 C-1997), ferrous iron (Method SM3500), sulfate (Method 9056A), sulfide (Method 4500-S2 F-2000), and chloride (Method 9056A).

- An aquifer matrix sample[5] was collected from CBA well installations MW-361A, MW-361B, MW-362A, AND MW-362B to pair with corresponding groundwater sample. These samples were collected at depth corresponding to the approximate midpoint of the well screen. The analytical testing regimen for aquifer matrix samples consisted of total mercury (Method 1631B), mercury fractions F-0 through F-5 (by Selective Sequential Extraction), methylmercury (modified Method 1630), and percent solids (Method SM2540).
- Groundwater samples from MW-506A, MW-506B, MW-507A, and MW-507B were tested for methylmercury (Method 1630) and elemental mercury (Method 1631E) in addition to the routine analytical testing regimen.

Soil and groundwater sampling results pertinent to the K_d study are presented in Tables 4a and 4b, respectively.

References

EPS, 2017. Work Plan for Comprehensive Groundwater Sampling – 2017 (Operable Unit 2), LCP Chemicals Site, Operable Unit. (July 2017).

EPS, 2018a. Site Characterization Work Plan for Operable Unit 2: Groundwater and Cell Building Area, LCP Chemicals Site. (August 2018).

EPS, 2018b. Work Plan for Caustic Brine Pool Removal Action: Post-Phase 3, LCP Chemicals Site, Revision 1. (November 2018).

[5] A Shelby Tube sampler was used for collecting soil samples at depth.

FIGURES

Figure 1. Monitoring Wells Sampled in 2017

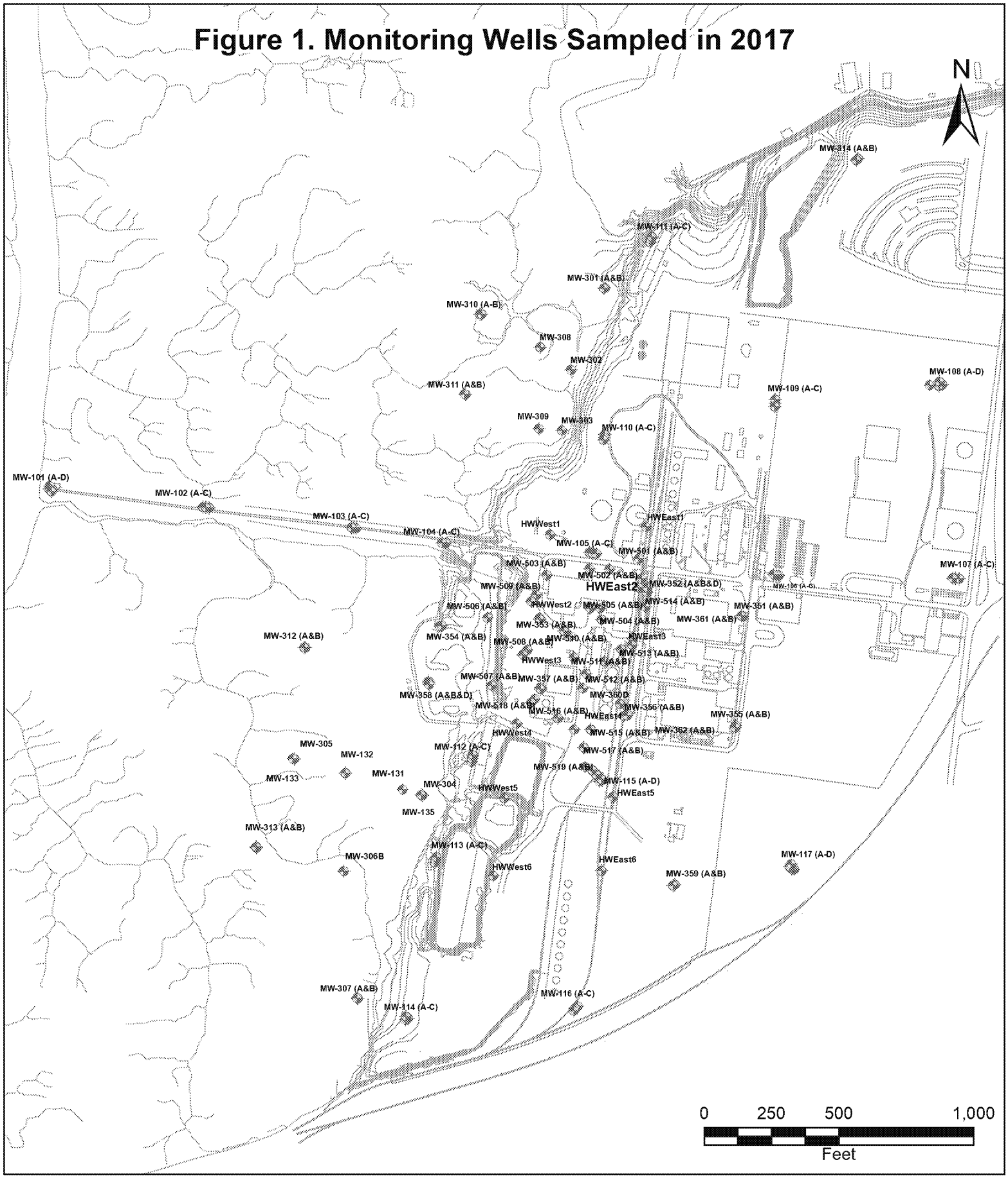
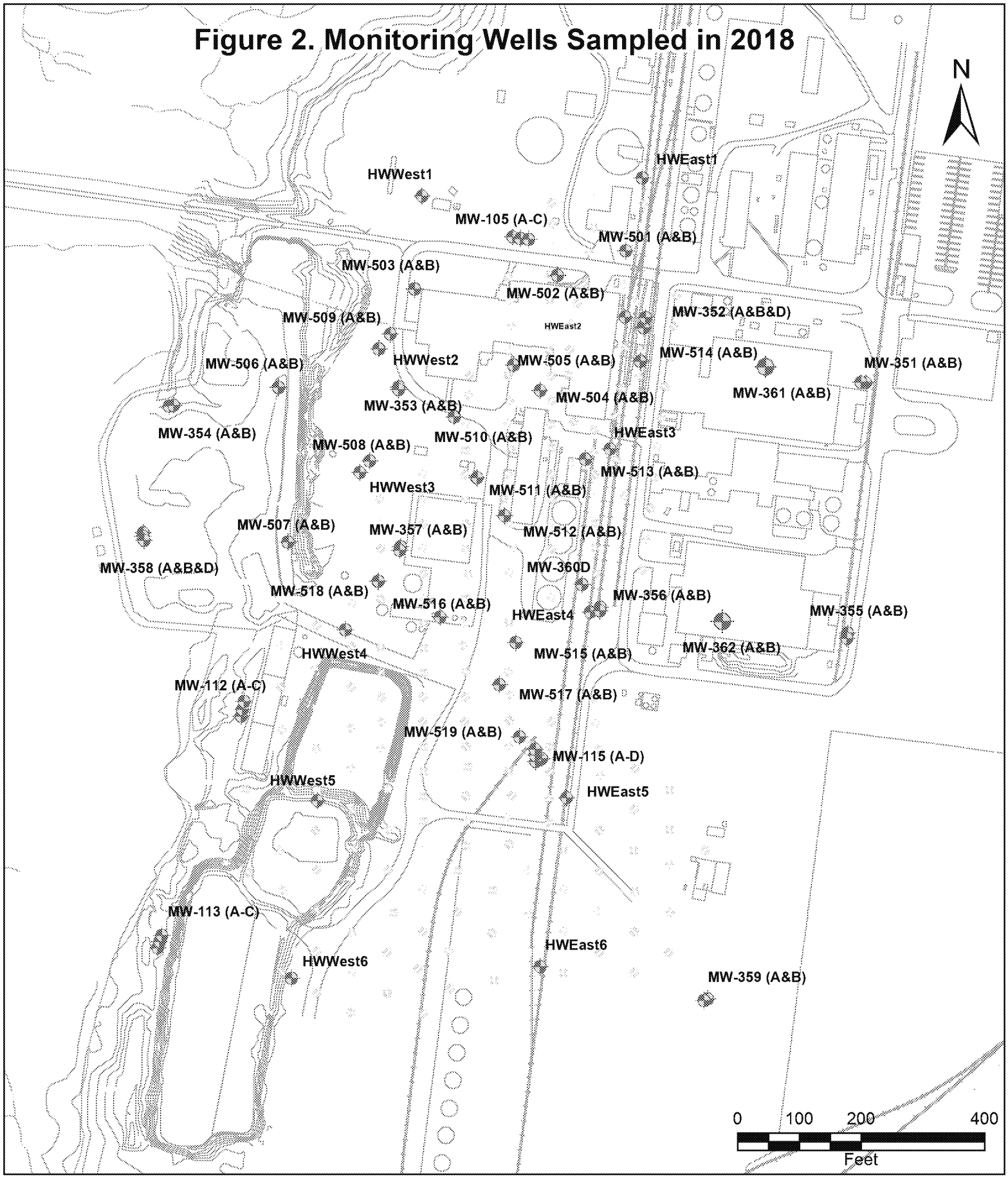


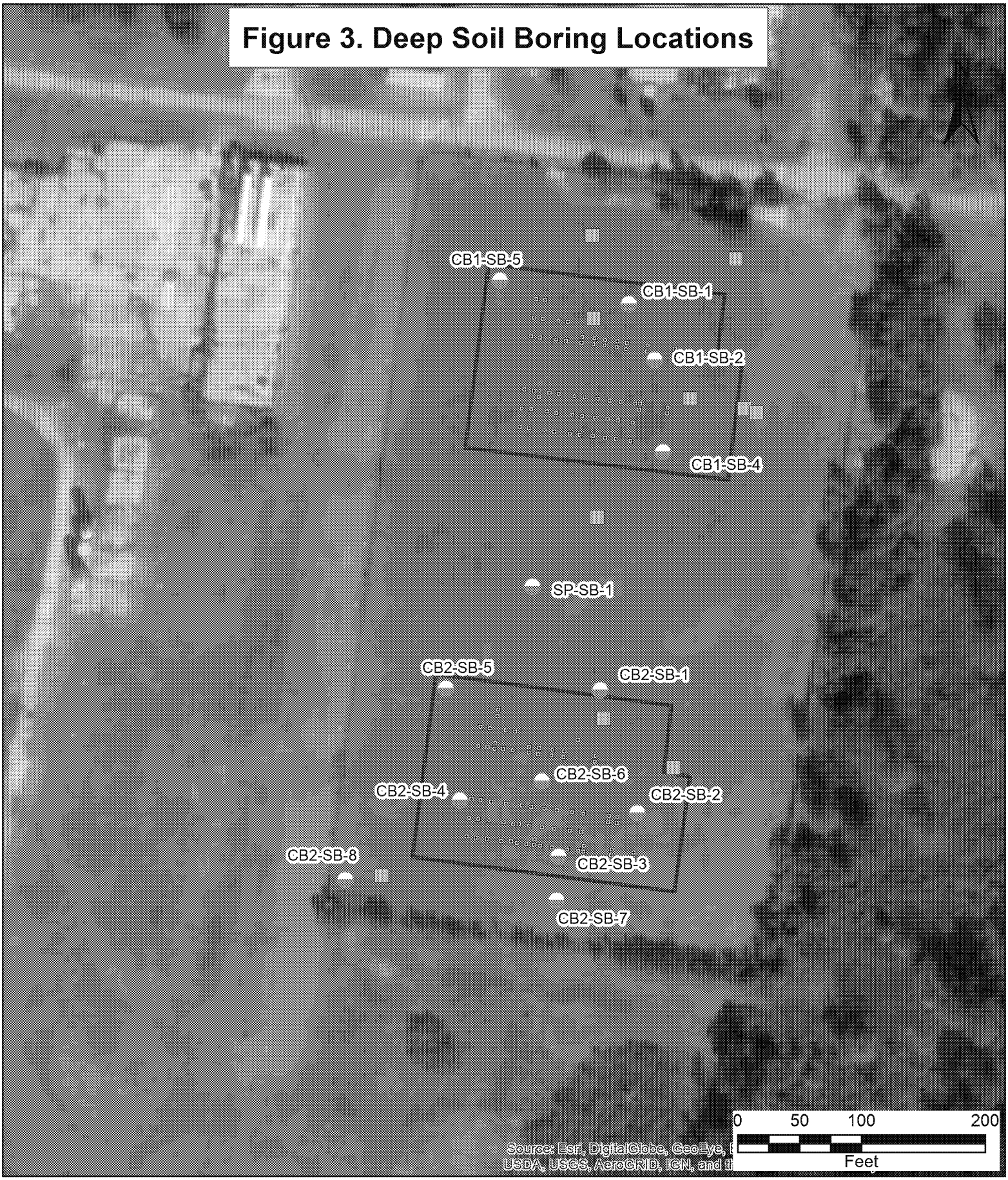
Figure 2. Monitoring Wells Sampled in 2018



Monitoring Well

CO2 Sparge Well

Figure 3. Deep Soil Boring Locations



Retrofitted Piling
Deep Soil Boring
Cell Buildings
Shallow Refusal

Figure 4. CBP Profiling Locations

Retrofitted Piling

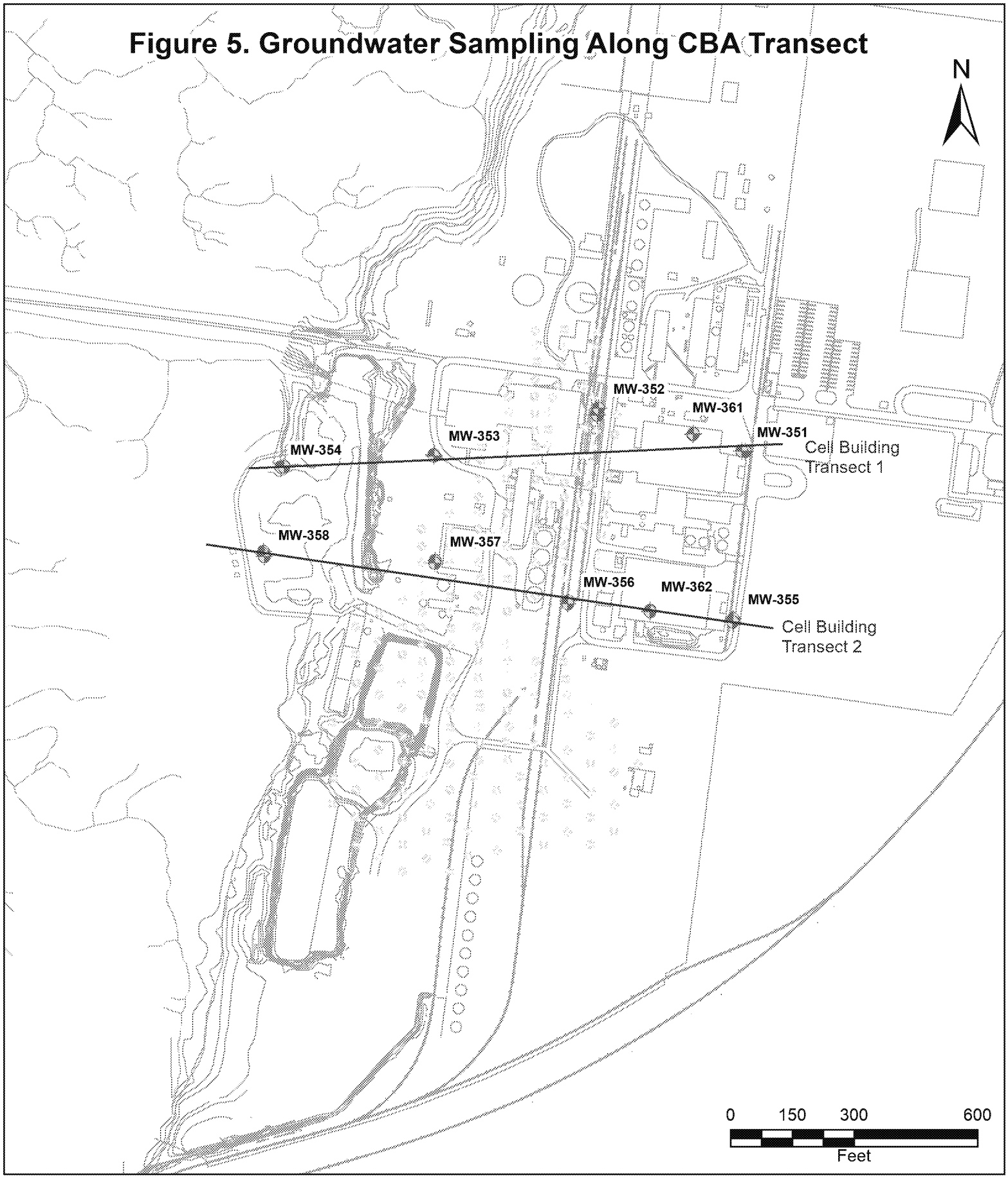
Cell Buildings

Shallow Refusal

Phase I Locations

Phase II Locations

Figure 5. Groundwater Sampling Along CBA Transect



Monitoring Well

CO2 Sparge Well

TABLES

Table 1a. Site-wide Groundwater Sampling Results- Metals

2017

Location	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cesium (µg/L)	Calcium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sodium (µg/L)	Sodium (mg/L)	Vanadium (µg/L)	Zinc (µg/L)
EW-1	10/2/2017	361	4.09	3.4	69.4	4.32	<0.03	29600	29.6	56.2	0.2	3.45	6850	0.88	10200	370	0.9	2.7	11800	<1	<0.05	2850000	2850	31.4	6
EW-2	10/2/2017	1470	<0.1	1.2	72.4	1.04	<0.03	42500	42.5	33.8	0.29	0.35	3360	0.57	11400	422	2.46	1.7	8480	<1	<0.05	2090000	2090	92.9	<2
EW-3	10/2/2017	267	0.45	3.4	80	1.9	<0.03	12900	12.9	93.9	0.26	8.5	7160	3.83	5540	287	3.74	6.1	2640	<1	<0.05	2810000	2810	110	6
EW-4	10/2/2017	178	1.71	2.3	36.9	0.97	0.012	39100	39.1	38.2	0.276	2.55	3380	0.646	7860	364	4.53	5.42	4800	0.5	<0.018	1070000	1070	37.2	6.7
EW-5	10/2/2017	30	0.7	153	51.1	0.71	<0.1	12400	12.4	459	0.98	<0.8	1280	<0.08	4630	3.5	223	40.5	17100	<4	<0.18	1.7E+07	17000	1750	10
EW-6	10/1/2017	22	0.61	4.7	36	1.27	<0.05	5120	5.12	196	0.67	0.6	1610	0.12	4790	19.3	118	19.6	15100	<2	<0.09	1.19E+07	11900	480	19
EW-8	10/1/2017	981	0.19	7	66	11.4	<0.03	28500	28.5	155	0.45	1.31	12500	1.18	16600	333	1.49	4.4	5450	2.7	<0.05	2410000	2410	99.1	4
EW-9	10/1/2017	314	0.14	3	74.2	7.35	0.03	44700	44.7	92.6	0.35	2.01	2970	1.64	15000	646	3.39	4.2	6010	1.2	<0.05	2440000	2440	84.2	4
EW-10	10/1/2017	123	0.509	1.23	25.7	0.062	0.008	72800	72.8	0.42	0.103	12.9	285	0.771	2660	135	0.121	0.35	4740	<0.2	<0.009	6750	6.75	2	8.7
EW-11	10/1/2017	241	0.14	1.4	114	1.62	<0.03	22300	22.3	77.2	0.71	1.74	4120	0.91	10300	101	0.505	9.7	4200	1.3	<0.05	3380000	3380	88.7	4
HWEast1	9/27/2017	36	<0.4	<2	189	<0.08	<0.12	323000	323	6.7	<0.12	<0.6	14600	<0.06	29900	764	0.063	<0.8	6190	<1	<0.1	2780000	2780	23.5	<4
HWEast2	9/27/2017	11	<0.2	<0.8	243	<0.04	<0.06	437000	437	0.4	<0.06	<0.3	10700	0.04	47200	1070	0.00194	0.5	6320	<0.7	<0.05	1950000	1950	1	<2
HWEast3	9/27/2017	10	<0.1	<0.4	151	<0.02	<0.03	401000	401	<0.2	<0.03	<0.15	7860	0.04	33000	556	0.00077	<0.2	4660	<0.4	<0.03	1050000	1050	0.5	<1
HWEast4	9/27/2017	10	<0.4	2	10.4	0.11	<0.12	4950	4.95	33.8	0.16	1.3	425	<0.06	90.9	1.2	6.89	8.4	12600	<1	<0.1	1.34E+07	13400	229	<4
HWEast5	9/27/2017	51	<0.4	<2	7.7	0.18	<0.12	4970	4.97	28.9	<0.12	<0.6	1030	0.14	47.3	3.3	9.07	5.1	6220	<1	<0.1	1.07E+07	10700	288	<4
HWEast6	9/27/2017	1580	<0.04	0.7	17.5	0.333	<0.012	23000	23	6.05	0.118	0.15	613	0.258	1990	24.7	0.0331	0.48	1570	0.5	<0.01	245000	245	18	2.4
HWWest1	9/30/2017	8	<0.2	5.4	92.8	<0.05	<0.05	246000	246	16	<0.09	<0.4	3020	0.14	20900	123	2.3	1.8	8750	<2	<0.09	4050000	4050	115	<3
HWWest2	9/30/2017	18	<0.5	75	3.7	<0.13	<0.13	3410	3.41	94.6	0.64	11	724	0.32	12.8	0.5	43.4	30.8	12700	<5	<0.23	1.36E+07	13600	576	8
HWWest3	9/30/2017	16	0.6	68	3.8	<0.13	0.14	3220	3.22	98.6	0.58	10.6	691	<0.1	3.9	0.3	41.1	28.1	7800	<5	<0.23	1.41E+07	14100	567	11
HWWest4	9/30/2017	53	<0.5	5	12.4	0.37	<0.13	5240	5.24	59.8	0.23	<1	1750	0.25	361	9	1.79	7.6	10300	<5	<0.23	1.2E+07	12000	471	8
HWWest5	9/30/2017	31	<0.4	<2	92.2	0.12	<0.1	114000	114	4.9	<0.18	<0.8	237	0.93	7380	53.4	0.093	1.2	30600	<4	<0.18	1.09E+07	10900	15.1	<6
HWWest6	9/30/2017	31	<0.4	<2	71.6	<0.1	<0.1	87200	87.2	4.8	<0.18	<0.8	442	0.13	6180	48.7	0.0817	1	66900	<4	<0.18	1.2E+07	12000	31.5	<6
MW-101A	9/22/2017	126	<0.4	<2	22.8	0.96	<0.12	266000	266	25.7	0.15	<0.6	<3	<0.06	66500	99	0.00111	1	16700	<1	<0.1	1660000	1660	38.5	<4
MW-101B	9/22/2017	111	<0.4	<2	25.3	0.97	<0.12	195000	195	27.5	0.34	<0.6	10	<0.06	65200	60	0.002	1.3	21600	<1	<0.1	2010000	2010	36.8	<4
MW-101C	9/22/2017	<4	<0.02	<0.08	28.9	0.005	<0.006	85300	85.3	0.06	0.012	0.04	1060	0.015	13200	79.5	0.00034	0.05	2520	<0.07	<0.005	52200	52.2	<0.5	<0.2
MW-101D	9/22/2017	55	<1	<4	18	0.3	<0.3	6080	6.08	8	<0.3	<1.5	58	<0.2	1020	17	0.45	<2	170000	<4	<0.3	3.11E+07	31100	27	30
MW-102A	9/7/2017	12	<0.04	0.2	50.2	0.094	<0.012	122000	122	1.88	0.101	0.32	<3	0.106	173000	159	0.00166	0.4	82500	1.3	<0.01	1790000	1790	3.9	0.7
MW-102B	9/7/2017	30	<0.04	0.2	36.6	0.082	<0.012	158000	158	6.78	0.112	0.38	133	0.133	27400	89.3	0.00182	0.43	14600	0.6	<0.01	808000	808	9.6	2.5
MW-102C	9/7/2017	8	<0.04	<0.2	71.5	0.026	<0.012	303000	303	2.63	0.067	0.75	482	0.225	53800	199	0.00083	0.37	12200	0.3	<0.01	886000	886	4.2	2.3
MW-103A	9/7/2017	<4	<0.1	1.3	372	0.03	<0.03	80100	80.1	1.6	0.14	0.23	14	0.05	201000	7.7	<0.0003	0.8	96600	3.1	<0.03	2190000	2190	2.9	2
MW-103B	9/7/2017	105	<0.1	0.6	56.5	0.31	<0.03	15900	15.9	3.4	0.15	2.89	20	0.77	27800	18.7	0.00311	1.1	16600	0.5	<0.03	526000	526	8.4	63
MW-103C	9/7/2017	231	0.1	<0.4	64.1	0.95	<0.03	41200	41.2	17.7	0.28	0.83	29	0.59	18600	56.6	0.014	1.1	8660	1.3	<0.03	963000	963	32.8	2
MW-104B	9/7/2017	1060	0.07	1.1	25	1.08	<0.012	5090	5.09	7.45	0.108	0.28	232	0.16	1500	11.6	0.152	0.57	1180	0.8	<0.01	101000	101	21	0.8
MW-104C	9/7/2017	1520	0.09	1	14.2	1.25	<0.012	2890	2.89	9.06	0.103	0.23	466	0.122	572	16.6	0.12	0.69	1080	1	<0.01	145000	145	30.2	1.3
MW-105A	9/7/2017	33	<0.04	0.2	20	<0.008	<0.012	149000	149	1.47	0.018	1.2	999	0.153	10300	492	0.00209	0.2	9120	0.2	<0.01	8670	8.67	1.4	1.2
MW-105B	9/7/2017	3530	<0.1	3	16.9	0.15	<0.03	9480	9.48	11.7	0.42	0.44	381	6.3	2390	17.9	0.88	1.4	3030	1.1	<0.03	600000	600	53.8	1
MW-105C	9/7/2017	167	0.06	1.4	33.1	1.45	<0.012	1970	1.97	10.2	0.196	0.28	4850	0.316	781	16.3	1.36	0.46	1850	0.4	<0.01	2060000	2060	4.5	3
MW-106A	9/21/2017	74	0.021	0.68	6.03	<0.004	0.009	47900	47.9	0.93	0.092	1.38	7240	0.107	3330	179	7.200001E-04	0.11	3400	0.3	<0.005	4470	4.47	1.5	1.2
MW-106B	9/21/2017	178	<0.02	0.54	1.31	0.015	<0.006	71	0.071	0.68	0.02	0.05	11	0.021	29	1.1	0.00036	0.04	140	0.3	<0.005	13900	13.9	1.1	1.2
MW-106C	9/21/2017	20	0.02	0.32	118	0.011	0.013	38600	38.6	2.14	0.021	0.21	2740	0.026	4340	74.6	1.95	0.55	2720	0.2	0.005	2150000	2150	4.3	1.3
MW-107A	9/21/2017	68	<0.1	<0.4	5.04	<0.02	<0.03	23300	23.3	<0.2	<0.03	<0.15	50	0.02	1470	<0.3	0.00034	<0.2	800	<0.4	<0.03	8310	8.31	<1.1	1
MW-107B	9/21/2017	118	<0.1	0.5	11.8	<0.02	<0.03	2030	2.03	0.5	<0.03	<0.15	51	<0.02	284	3.3		<0.2	940	<0.4	<0.03	22800	22.8	<1.1	<1
MW-107B	9/26/2017																7.900001E-04								
MW-107C	9/21/2017	3	<0.1	<0.4	30.4	<0.02	<0.03	56300	56.3	<0.2	<0.03	<0.15	2200	<0.02	2210	112	0.00047	<0.2	1210	<0.4	<0.03	13300	13.3	<1.1	4
MW-108A	9/21/2017	74	0.03	0.33	16.5	0.004	<0.006	20100	20.1	0.3	0.043	0.12	139	0.02	13500	3.6	0.0009	0.09	2030	0.1	<0.005	170000	170	1.2	0.4
MW-108B	9/21/2017	245	<0.1	<0.4	61.3	0.22	<0.03	6910	6.91	<0.2	<0.03	0.28	783	0.02	1590	31	0.0005	<0.2	1440	<0.4	<0.03	8540	8.54	1.1	1
MW-108C	9/21/2017	394	<0.02	0.46	116	0.005	<0.006	69300	69.3	0.27	0.01	0.06	485	0.021	2590	38.7	0.00058	0.21	2210	0.08	<0.005	13900	13.9	1.7	<0.2
MW-108D	9/21/2017	254	0.11	0.34	19	0.03	0.704	57400	57.4	0.63	0.143	1.29	2910	1.13	11900	103	0.00428	1.15	960	<0.07	<0.005	13700	13.7	<1.1	11.5
MW-109A	9/23/2017	34	<0.02	0.53	12	0.01	<0.006	8370	8.37	0.22	0.17	<0.03	1240	0.005	1380	83.3	0.00195	0.04	890	0.08	<0.005	149000	149	<0.5	<0.2
MW-109B	9/23/2017	2040	<0.1	0.7	296	1.86	<0.03	7120	7.12	0.3	<0.03	0.61	1610	0.13	2610	22.4	0.00046	<0.2	1900	0.5	<0.03	1340000	1340	1.2	3
MW-109C	9/23/2017	65	<0.2	<0.8	1220	0.25	<0.06	343000	343	<0.4	<0.06	<0.3	50200	<0.03	48900	952	0.00033	<0.4	6230	<0.7	<0.05	2820000	2820	0.6	3
MW-110A	9/6/2017	23	<0.04	2.4	6.55	<0.008	<0.012	97900	97.9	0.87	0.037	0.88	300	0.116	6510	90.9	0.00535	0.43	8370	2	<0.01	34800	34.8	2.2	7.1
MW-110B	9/6/2017	175	<0.04	<0.2	12.3	0.213	<0.012	1290	1.29	0.41	<0.012	0.19	848	0.028	707	12.8	0.00016	<0.08	1140	<0.1	<0.01	52600	52.6	3.4	2.2
MW-110C	9/6/2017	57	<0.2	2.2	514	0.27	<0.06	686000	686	34.2	0.13	1.5	52100	0.09	64800	1540	1.81	2.1	11000	0.9	<0.05	4460000	4460	52.5	306
MW-111A	9/7/2017	172000	<0.2	33.6	1660	6.15	1.27	11900	11.9	377	1.03	3.3	6760	37.5	1210	11.7	3.53	21.5	800	8	<0.05	1900000	1900	2370	25
MW-111B	9/7/2017	6780	0.06	4	59.8	0.746	0.173	843	0.843	23	0.847	0.86	1850	2.24	338	4.8	0.3	2.12	620	1.6	<0.01	1200000	1200	36.2	6.2
MW-111C	9/7/2017	<4	<0.04	<0.2	55.2	<0.008	<0.012	171000	171	0.35	0.012	0.19	5940	0.227	30200	303	0.00211	0.18	2520	0.3	<0.01	762000	762	1.5	1.2
MW-112A	9/6/2017	4580	0.35	3.7	62.6	0.28	<0.06	36800	36.8	15.7	0.28	1.3	348	3.07	14600	286	0.19	3.4	27200	1	<0.05	1230000	1230	41.5	3
MW-112B	9/6/2017	7230	<0.4	11	211	6.98	<0.12	117000	117	591	0.49	6.2	2570	8.3	41900	140	2.78	13.8	22500	6	<0.1	6390000	6390	1970	8
MW-112C	9/6/2017	131	<0.4	8	9.4	1.99	0.14	6370	6.37	777	0.68	2.3	2540	0.59	56.6	6	7.93	26.4	22500	4	<0.1	1.25E+07	12500	3110	11
MW-113A	9/5/2017	120000	<0.2	15.7	98.9	1.68	0.67	6540	6.54	82.3	5.76	43.2	25000	46.7	5160	61.9	55.7	26.1	7770	5	0.15	303000	303	88.6	31
MW-113B	9/5/2017	1290	<0.2	1.1	32.4	0.98	<0.06	1260	1.26	11.8	0.18	0.5	181	0.51	39.6	1.2	0.08	1.5	5340	1	<0.05	907000	907	49.5	2
MW-113C	9/5/2017	251	1.31	2.7	2950	1.05	<0.06	2160000	2160	44.1	0.44	1.4	45	0.04	95.4	0.5	2.39	11.6	39300	4	<0.05	5300000	5300	213	4
MW-114A	9/6/2017	392	<0.04	0.6	7.99	0.035	0.017	3240	3.24	2.78	0.044	0.28	5800	0.216	252	16.7	0.0566	0.16	910	0.4	<0.01	55000	55	5.3	0.9
MW-114B	9/6/2017	9600	<0.2	3.3	37.2	1.26	0.14	1480	1.48	31.8	0.44	1.1	5530	4.86	555	25	0.14	2.2	1080	2	<0.05	99600	99.6	70.2	7
MW-114C	9/6/2017	257	<0.2	1.5	151	3.19	<0.06	42800	42.8	52.8	0.18	2	364	0.26	1080	7.4	0.57	4.5	43200	2	<0.05	1.26E+07	12600	308	6
MW-115A	9/23/2017	27700	<0.4	10	97.1	3.81	0.22	23100	23.1	83.9	1.48	2.5	1060	12.9	4780	440	6.86	10.7	3000	4	<0.16	922000	922	239	7
MW-115B	9/23/2017	16600	<0.4	13	58.4	26.5	0.24	14900	14.9	151	1.68	3.1	9490	16.8	7120	143	4.67	9.2	<600	8	<0.16	1040000	1040	250	15

Table 1a. Site-wide Groundwater Sampling Results- Metals

2017

Location	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Calcium (µg/L)	Calcium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sodium (µg/L)	Sodium (mg/L)	Vanadium (µg/L)	Zinc (µg/L)
MW-115C	9/23/2017	<4	<0.4	<2	153	0.31	<0.12	21100	21.1	20	<0.16	<0.8	4760	<0.08	28500	105	0.37	<0.8	5740	<4	<0.16	7340000	7340	23	<4
MW-115D	9/23/2017	7	<0.4	<2	2.7	<0.1	<0.12	2330	2.33	13.6	<0.16	<0.8	147	<0.08	90.2	2.2	8.91	2.4	3450	<4	<0.16	8630000	8630	80.3	55
MW-116A	9/23/2017	39	<0.02	0.13	1.66	<0.004	<0.006	12500	12.5	0.27	0.074	1.02	227	0.339	1740	5	0.00136	0.05	1350	<0.07	<0.005	5740	5.74	<0.5	3.3
MW-116B	9/23/2017	69	<0.02	0.12	3.87	0.114	<0.006	3160	3.16	0.85	0.011	0.08	190	0.034	1590	3	0.00086	<0.04	1050	0.1	<0.005	105000	105	1.7	0.8
MW-116C	9/23/2017	539	<0.2	<0.8	78.9	0.57	<0.06	41100	41.1	14.5	0.08	<0.3	2430	0.14	2140	29.9	0.134	0.6	2660	<0.7	<0.05	2100000	2100	65.4	<2
MW-117A	9/24/2017	115	<0.02	0.22	7.24	0.009	<0.006	17800	17.8	0.6	0.046	<0.03	662	0.01	1890	7.7	0.00579	<0.04	2880	0.09	<0.005	18500	18.5	0.9	<0.2
MW-117B	9/24/2017	197	<0.02	0.09	52.6	0.113	<0.006	3770	3.77	0.14	0.008	0.09	620	0.057	1560	4.5	6.800001E-04	<0.04	1100	<0.07	<0.005	27000	27	0.7	0.4
MW-117C	9/24/2017	41	<0.02	<0.08	55.3	0.039	<0.006	13500	13.5	0.4	0.009	<0.03	1920	0.031	1930	41.9	0.00074	<0.04	920	<0.07	<0.005	23900	23.9	1.1	0.3
MW-117D	9/24/2017	<4	<0.02	<0.08	14.9	<0.004	<0.006	99300	99.3	0.12	0.019	0.11	2420	0.037	3640	130	0.00071	0.06	870	<0.07	<0.005	18000	18	<0.5	0.6
MW-131	9/24/2017	103000	0.28	10.5	105	2.74	0.596	8500	8.5	123	5.2	12.9	14000	21.1	4310	96.2	8.4	21.7	5800	7.8	0.028	654000	654	317	28.4
MW-132	9/27/2017	59200	<0.1	12.8	94.1	3.29	0.23	9300	9.3	98.3	2.24	1.36	14100	12	4550	84.3	2.23	15.5	5660	5.5	<0.03	930000	930	356	23
MW-133	9/27/2017	34000	<0.2	18.8	100	12.6	0.28	20700	20.7	114	1.42	<0.3	10700	7.44	19800	64.5	1.83	14	14000	8	<0.05	1580000	1580	394	19
MW-135	9/24/2017	28600	<0.1	7.1	22	0.58	<0.03	4270	4.27	24.5	0.77	3.61	4340	9.43	1530	19.7	1.12	5.7	8110	2.2	<0.03	1230000	1230	62.5	6
MW-1C	10/23/2017	45	<0.4	<2	128	2.04	<0.1	24900	24.9	133	0.3	<0.8	7610	0.16	19000	87.7	1.1	2.8	8540	<4	<0.18	6640000	6640	126	<6
MW-2C	10/23/2017	33	0.5	<2	186	1.13	<0.1	20100	20.1	87.2	2.75	<0.8	8080	0.09	20500	110	0.78	1.9	7810	<4	<0.18	6630000	6630	72.7	22
MW-301A	10/23/2017	47	0.38	13.9	145	<0.05	<0.05	229000	229	1.4	0.19	0.8	26	0.19	613000	307	8.140001E-03	0.5	180000	2	<0.09	5620000	5620	3.9	13
MW-301B	10/23/2017	36900	0.39	37.2	577	5.28	2.44	6040	6.04	333	12.1	12.7	7720	13.5	992	20.6	4.27	24	1800	5	<0.09	857000	857	604	117
MW-302	9/28/2017	20900	0.24	71.2	453	1.75	0.18	21800	21.8	442	1.24	4.5	4040	2.91	9960	50.4	0.5	13.4	5350	10.3	<0.03	613000	613	645	24
MW-303	9/29/2017	872	<0.02	<0.08	59.5	0.475	<0.006	4000	4	0.26	0.007	4.27	2900	0.187	972	79.6	0.00166	0.07	2560	<0.07	<0.005	69000	69	2.3	3.2
MW-304	9/24/2017	10600	<0.4	7	79	6.44	<0.12	22600	22.6	113	0.84	<0.6	710	1.95	2230	70	9.18	11.9	24000	4	<0.1	5370000	5370	1120	<4
MW-305	9/27/2017	1630	<0.4	8	136	6.03	<0.12	80600	80.6	49.2	0.42	70.3	199	4.71	78300	74.3	0.81	7.4	47500	5	<0.1	4400000	4400	227	157
MW-306B	9/29/2017	1120	<0.4	11	74.6	2.08	0.51	14300	14.3	39.1	1.11	19.8	514	15.2	40.2	15.2	0.68	15.5	12900	4	<0.1	2320000	2320	203	46
MW-307A	9/26/2017	30600	0.12	7.1	58.2	2.22	0.11	7830	7.83	63.3	0.81	121	10800	8.16	2480	78.6	0.99	4.8	2580	4.4	0.05	280000	280	126	36
MW-307B	9/26/2017	15700	<0.1	4.8	56.9	3.99	0.1	5030	5.03	55.8	0.93	26	5500	5.69	3900	50.3	0.11	8.9	11900	3.2	<0.03	1020000	1020	124	33
MW-308	9/28/2017	375	<0.1	0.9	77.5	0.1	<0.03	669000	669	10.9	0.05	4.11	2890	0.49	36400	464	0.00247	0.3	17700	0.4	<0.03	693000	693	16.2	11
MW-309	9/29/2017	92	<0.04	<0.2	69.4	0.054	<0.012	10300	10.3	0.3	<0.012	14.4	4220	1.92	3280	85.3	0.00198	0.38	5290	<0.1	<0.01	330000	330	4.5	143
MW-310A	9/28/2017	1090	<0.1	3.7	250	3.79	<0.03	99200	99.2	5.2	<0.03	6.43	3470	0.15	69600	278	0.0016	0.3	27300	1.8	<0.03	1190000	1190	10.9	10
MW-310B	9/28/2017	<4	<0.1	<0.4	57.6	0.02	<0.03	541000	541	<0.2	<0.03	<0.15	30700	0.03	53300	1270	0.00089	<0.2	29900	<0.4	<0.03	498000	498	<0.5	1
MW-311A	9/29/2017	34	<0.1	1.6	52.4	0.21	<0.03	28200	28.2	2.5	0.22	16.4	15	2.76	43900	38.7	0.006	0.6	17000	<0.4	<0.03	561000	561	6.6	193
MW-311B	9/29/2017	173	<0.4	<2	115	1.3	<0.12	410000	410	58	1.07	1.8	3410	0.22	103000	1260	0.41	3.2	16600	2	<0.1	3610000	3610	81.6	<4
MW-312A	9/29/2017	1570	<0.2	2.9	40.4	3.26	<0.06	42200	42.2	23.3	0.31	25.7	38	4.91	88000	58.4	0.00953	2.5	41600	1	<0.05	1470000	1470	87.4	87
MW-312B	9/29/2017	7670	<0.4	25	179	13.5	<0.12	57000	57	406	2.16	19.7	400	8.12	22700	221	0.23	42.5	10200	13	<0.1	3990000	3990	803	19
MW-313A	9/29/2017	8890	<0.2	30.1	209	11.6	0.26	42800	42.8	117	1.12	210	570	20.8	62400	55	1.6	81.5	43700	10	<0.05	1720000	1720	477	1390
MW-313B	9/29/2017	44600	<0.4	38	178	15.8	0.91	25500	25.5	158	3.7	16.2	8720	12.8	4410	106	3.38	23.2	16700	15	<0.1	2430000	2430	425	39
MW-314A	9/25/2017	102	<0.02	0.34	15.8	0.014	<0.006	22800	22.8	0.19	0.018	2	110	0.226	2420	57.5	0.00062	<0.04	1830	<0.2	<0.008	18700	18.7	0.9	0.9
MW-314B	9/25/2017	99	<0.02	<0.09	128	0.356	0.011	8830	8.83	0.26	0.022	0.49	4240	0.179	3010	64.1	0.00158	<0.04	1070	<0.2	<0.008	11900	11.9	1.4	3.8
MW-351A	9/30/2017	41	<0.02	0.24	39.9	0.137	<0.005	14300	14.3	0.16	0.018	0.44	384	0.029	2500	11.2	0.00366	0.06	2100	<0.2	0.014	23400	23.4	<0.5	1.4
MW-351B	9/30/2017	1410	<0.1	2.8	63.9	1.72	0.06	16800	16.8	28.8	0.29	1.77	2110	2.31	2800	71.4	0.28	3.1	3880	<1	<0.05	1980000	1980	91.4	22
MW-352A	10/1/2017	116	<0.1	0.9	33	0.09	<0.03	4390	4.39	4.3	0.09	<0.2	4360	0.2	1020	115	2.7	0.4	3390	<1	<0.05	2010000	2010	4.1	2
MW-352B	10/1/2017	<8	<0.4	5	406	0.17	<0.1	19800	19.8	14.7	<0.18	<0.8	8580	<0.08	21800	197	19	3.6	36300	<4	<0.18	1.37E+07	13700	10.1	<6
MW-352D	10/1/2017	<4	0.05	<0.2	200	<0.01	<0.01	403000	403	0.26	<0.018	0.45	11600	0.116	43500	939	0.0109	0.37	5250	<0.4	<0.018	1130000	1130	0.5	25.5
MW-353A	9/25/2017	2850	<0.1	4.7	78.2	0.69	0.04	5160	5.16	41.3	0.39	1.92	288	1.38	699	8	0.58	2.3	1350	2.4	<0.04	1890000	1890	88.7	3
MW-353B	9/25/2017	16900	<1	24	1060	27.3	<0.3	38300	38.3	783	2	<2	1030	2.1	10400	67	15.6	43	7300	11	<0.4	1.03E+07	10300	2720	<10
MW-354A	9/5/2017	15500	0.21	4.9	56.6	1.61	<0.06	5140	5.14	40.3	0.44	3.5	265	3.62	470	24	0.29	4.5	5060	4	<0.05	367000	367	53.2	5
MW-354B	9/5/2017	375	0.86	3	22.9	0.34	<0.06	94000	94	25.2	0.54	29.4	112	0.3	216000	25.4	0.0459	8.3	68700	1	<0.05	4030000	4030	153	39
MW-355A	9/28/2017	67	<0.02	<0.08	9.59	0.058	<0.006	5200	5.2	0.13	<0.006	0.14	187	0.021	964	7.2	0.00123	0.07	710	<0.07	<0.005	27300	27.3	<0.5	1.3
MW-355B	9/28/2017	151	<0.02	<0.08	11.4	0.084	<0.006	3820	3.82	0.34	0.023	0.36	185	0.028	736	5.2	0.00044	0.05	660	<0.07	<0.005	38600	38.6	1	0.2
MW-356A	9/24/2017	8040	0.7	13	64	8.37	0.43	11200	11.2	80.7	3.32	15.6	2680	231	463	9	139	14.3	1000	11	<0.1	674000	674	128	23
MW-356B	9/24/2017	37700	0.6	29	317	41.9	0.67	15900	15.9	207	3.4	10.4	8590	20.6	2100	104	34.3	16.1	3900	18	<0.1	1020000	1020	306	41
MW-357A	9/23/2017	1860	<1	8	86.4	13.5	<0.3	10600	10.6	135	0.5	<2	5410	4.7	8430	49.8	7.13	6	1330	<10	<0.4	2300000	2300	117	<10
MW-357B	9/23/2017	41	0.042	0.43	11.2	0.061	<0.006	51100	51.1	0.26	0.042	0.07	2830	0.057	2510	711	0.0241	0.15	1270	0.1	<0.005	10800	10.8	0.9	0.4
MW-358A	9/6/2017	167	<0.2	<0.8	4.27	0.63	<0.06	24200	24.2	5.9	0.24	3.6	36	0.27	44800	23.5	0.00031	3.1	27500	<0.7	<0.05	642000	642	18.1	4
MW-358B	9/6/2017	4900	<0.4	18	60.6	28.4	<0.12	4350	4.35	349	0.9	1.4	404	1.87	218	18.2	18.2	33.9	4890	8	<0.1	7150000	7150	792	7
MW-358D	9/6/2017	<3	<0.2	0.8	169	<0.04	<0.06	287000	287	2.2	0.12	1.6	5840	0.19	18100	280	0.0145	0.6	31800	0.9	<0.05	1.24E+07	12400	4	3
MW-359A	9/24/2017	4600	0.08	1.4	5.5	0.184	0.029	1920	1.92	12.3	0.163	1.16	314	0.643	215	3.5	0.23	1.04	710	2.2	<0.01	119000	119	47.4	2
MW-359B	9/24/2017	16500	<0.1	12.1	153	13.9	0.4	18800	18.8	101	1.38	0.57	11100	3.71	1890	37.2	0.65	3.3	1980	5.2	<0.03	1470000	1470	258	18
MW-360D	9/25/2017	29	<1	13	16.2	<0.3	<0.3	15300	15.3	125	1.5	25.9	1160	<0.2	23.2	2.6	83.8	61	8090	<10	<0.4	1.08E+07	10800	498	20
MW-501A	9/22/2017	553	<0.02	0.52	8.36	0.033	0.017	2330	2.33	2.38	0.09	0.08	169	0.067	2780	5.9	0.0501	0.23	4090	0.3	<0.005	288000	288	15.8	0.2
MW-501B	9/22/2017	20	0.07	0.3	94.4	0.032	0.012	9780	9.78	1.69	0.042	0.43	7860	0.116	7520	102	2.68	0.87	4420	0.2	<0.01	3480000	3480	6.6	4.5
MW-502A	9/22/2017	2840	<0.4	3	62.5	0.36	<0.12	24600	24.6	43	0.3	0.9	3900	2.38	4040	161	2.05	2.2	2890	2	<0.1	1290000	1290	48	<4
MW-502B	9/22/2017	310	<0.4	<2	12	0.75	<0.12	6680	6.68	14.5	<0.12	<0.6	4800	<0.06	967	48	0.137	<0.8	2140	<1	<0.1	1420000	1420	14.8	<4
MW-503A	9/22/2017	5550	<0.4	2	73.5	0.72	<0.12	16000	16	27.8	<0.12	<0.6	1770	2.02	6900	88	4.87	1.6	8700	<1	<0.1	601000	601	77	<4
MW-503B	9/22/2017	27100	<4	20	404	10.3	<1.2	17400	17.4	209	<1.2	<6	11200	5.8	3490	153	16.5	19	9200	<10	<1	2420000	2420	773	<40
MW-504A	9/21/2017	29100	<2	16	339	2.5	<0.6	6310	6.31	258	1.4	4	2330	20	1280	33.8	21.9	36	2910	<7	<0.5	2060000	2060	575	30
MW-504B	9/21/2017	600	<0.1	1.4	37.7	1.66	<0.03	4890	4.89	27.5	0.24	0.44	8150	0.53	4980	41.4	1.5	1.1	940	0.4	<0.03	2000000	2000	21.4	45
MW-505A	9/22/2017	51800	<2	18	812	4.5	<0.6	27400	27.4	452	1.8	5	2870	19.3	4740	193	27.3	21	4100	7	<0.5	2740000	2740	1090	<20
MW-505B	9/22/2017	21900	<2	11	623	5.2	<0.6	11500	11.5	223	0.8	6	3900	6.4	2810	270	8.21	14	1240	<7	<0.5	1980000	1980	426	<20
MW-506A	9/25/2017	84100	<0.4	38	583	4.92	0.67	7810	7.81	277	7.06	3.6	3430	23.8	642	18	12.9	24.5	3300	11	<0.16	2190000	2190	437	34

Table 1a. Site-wide Groundwater Sampling Results- Metals

2017

Location	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cobalt (µg/L)	Calcium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sodium (µg/L)	Sodium (mg/L)	Vanadium (µg/L)	Zinc (µg/L)
MW-506B	9/25/2017	53000	<1	21	1310	39.2	<0.3	74200	74.2	558	2.1	<2	19500	2.2	11700	292	5.88	26	12200	<10	<0.4	7050000	7050	1730	10
MW-507A	9/26/2017	2270	<0.4	15	175	13.7	<0.12	29100	29.1	355	0.91	0.7	3220	1.11	35600	106	7.8	13.3	4030	9	<0.1	4920000	4920	429	5
MW-507B	9/26/2017	1560	<0.4	13	178	21.6	<0.12	34700	34.7	497	1.4	1.7	2750	1.3	22200	76	5.82	20.3	4690	8	<0.1	8010000	8010	835	<4
MW-508A	9/23/2017	7230	<0.1	7.8	83.3	6.62	0.03	3160	3.16	86.5	0.5	0.3	1960	2.71	1840	22.5	1.96	4.6	890	4.2	<0.04	2500000	2500	153	2
MW-508B	9/23/2017	2590	<1	15	153	18	0.3	100000	100	962	1.6	<2	6080	0.6	8150	227	31.7	48	9100	<10	<0.4	1.12E+07	11200	3360	120
MW-509A	9/23/2017	2220	<0.1	1.1	9.02	0.14	<0.03	7080	7.08	19.2	0.15	<0.2	1160	0.64	1660	50.6	0.36	0.7	3860	<1	<0.04	979000	979	44.9	6
MW-509B	9/23/2017	25300	<1	45	858	36.6	0.7	38600	38.6	1090	4.5	<2	1890	17.7	649	28	47.5	81	5200	17	<0.4	9450000	9450	3740	40
MW-510A	9/25/2017	113000	2.1	135	2070	41.6	2.25	31300	31.3	732	11.8	34.5	20500	215	1930	320	65	40.8	5700	26	<0.16	2450000	2450	916	79
MW-510B	9/25/2017	960	<1	9	155	12.5	<0.3	50300	50.3	523	0.6	<2	6230	0.5	63500	180	12.6	19	10400	<10	<0.4	8830000	8830	1230	<10
MW-511A	9/25/2017	100	<0.1	0.5	3.56	0.28	<0.03	1970	1.97	2.9	0.1	<0.2	209	0.05	1400	5.6	0.05	0.3	5030	<1	<0.04	1370000	1370	5.1	<1
MW-511B	9/25/2017	90	<0.1	<0.5	64.7	0.91	0.03	23800	23.8	30.8	0.13	<0.2	3690	0.1	11400	39.8	2.57	0.8	3690	<1	<0.04	2770000	2770	14.1	<1
MW-512A	9/26/2017	230	<0.2	<0.8	11.4	0.13	<0.06	15300	15.3	5	0.06	<0.3	3210	0.1	2740	54.2	9.270001E-03	<0.4	3240	<0.7	<0.05	1770000	1770	8.4	<2
MW-512B	9/26/2017	66	<0.4	<2	61.6	4.28	<0.12	21900	21.9	83.1	0.27	<0.6	3670	0.07	28100	38	12.2	4.4	11000	<1	<0.1	6440000	6440	95.2	21
MW-513A	9/30/2017	42500	0.67	43.1	468	2.91	0.5	2980	2.98	202	5.06	21.3	23800	53.8	899	30	34.8	16.9	3250	7	0.15	931000	931	317	33
MW-513B	9/30/2017	22	0.9	336	41.6	<0.13	<0.13	6360	6.36	49.4	0.64	<1	677	0.64	28	0.7	528	26	15400	<5	<0.23	1.24E+07	12400	338	<8
MW-514A	10/1/2017	70	<0.2	<0.8	28.2	0.07	<0.05	12900	12.9	1.3	<0.09	<0.4	23100	0.06	9620	345	1.91	<0.4	3270	<2	<0.09	2690000	2690	1.9	4
MW-514B	10/1/2017	245	0.1	3.9	36	3.65	0.056	4210	4.21	22	0.489	0.85	9940	5.86	1540	150	6.72	1.82	1990	<0.4	<0.018	897000	897	21.1	15.6
MW-515A	9/30/2017	1360	<0.1	9.1	155	13.6	0.09	9610	9.61	62.2	0.88	0.87	1130	42	345	9.1	86.8	9.1	930	2.3	<0.05	1710000	1710	138	5
MW-515B	9/30/2017	1690	<0.2	23.4	214	67.4	<0.05	27200	27.2	211	0.82	0.8	13400	4.39	10600	261	9.7	10.8	5880	4	<0.09	2810000	2810	229	13
MW-516A	10/2/2017	1410	<0.1	7.4	105	13.1	<0.03	11800	11.8	150	0.74	1.09	3990	17.2	9060	62.4	27.2	5.9	1720	3.6	<0.05	2050000	2050	196	9
MW-516B	10/2/2017	40	<0.2	4.1	5.28	0.07	0.65	2090	2.09	45.1	0.45	6.6	384	0.52	875	3.1	4.31	11.3	22900	<2	<0.09	6760000	6760	259	21
MW-517A	10/24/2017	934	0.3	11.9	219	23	0.18	7400	7.4	83.2	2.16	3.6	1590	54.2	563	13.2	85	12.4	780	4	0.21	1340000	1340	208	6
MW-517B	10/24/2017	178	0.45	21.5	117	17.7	0.07	24700	24.7	371	1.27	4.6	11000	3.57	10700	74	39.6	23.8	8990	5	0.15	4500000	4500	465	7
MW-518A	10/2/2017	4870	<0.1	11.1	87.1	17.3	0.04	8650	8.65	101	1.01	1.57	394	7.97	2410	104	28.4	10.6	2260	3.9	<0.05	1920000	1920	177	2
MW-518B	10/2/2017	230	<0.1	1.7	71.9	5.19	<0.03	16900	16.9	71.2	0.25	<0.2	6940	0.76	11800	78.1	1.79	1.6	3150	<1	<0.05	2670000	2670	57	2
MW-519A	10/24/2017	5250	<0.2	7.3	61.3	19.9	0.06	9300	9.3	103	1.01	2.3	4760	27.6	3200	32.6	6.94	5.9	740	3	<0.09	1040000	1040	132	11
MW-519B	10/24/2017	184	3.2	<2	149	0.99	<0.1	31200	31.2	96.2	0.35	0.9	13100	2.1	19100	177	2.34	3.1	14600	<4	<0.18	8950000	8950	96.9	30

Table 1a. Site-wide Groundwater Sampling Results- Metals

2018-2019

Location	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Calcium (µg/L)	Calcium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sodium (µg/L)	Sodium (mg/L)	Vanadium (µg/L)	Zinc (µg/L)
HWEast1	9/28/2018	<40.5	<0.455	<1.01	214	<0.202	<0.405	350000	350	4.24	<0.15	<1.01	14600	3.37	38100	782	0.0561	<2.02	6150	<22.3	<0.101	2750000	2750	12	<8.09
HWEast2	9/28/2018	<40.5	<0.455	<1.01	259	<0.202	<0.405	447000	447	<1.01	<0.15	<1.01	11200	<0.253	55300	1120	0.00263	<2.02	6320	<22.3	<0.101	1970000	1970	<8.6	<8.09
HWEast3	9/28/2018	<40.5	<0.455	<1.01	160	<0.202	<0.405	392000	392	<1.01	<0.15	<1.01	8140	<0.253	39100	592	0.00024	<2.02	4760	<22.3	<0.101	961000	961	<8.6	<8.09
HWEast4	9/28/2018	<202	<0.455	<5.06	25.4	0.476	<0.405	28900	28.9	54.1	0.5	6.47	573	<0.253	1960	5.45	15.2	18.6	13500	<22.3	<0.101	1.24E+07	12400	199	<8.09
HWEast5	9/28/2018	40.5	<0.454	2.96	7.64	0.22	<0.404	5450	5.45	49.7	0.27	4.98	524	<0.252	726	<5.05	8.5	12.2	4930	<22.2	<0.101	1.16E+07	11600	234	<8.08
HWEast6	9/28/2018	4560	<0.454	1.73	19.7	0.443	<0.404	25500	25.5	11.8	0.34	<1.01	1840	0.581	4040	32.6	0.0302	<2.02	3080	<22.2	<0.101	218000	218	21.6	<8.08
HWWest1	9/26/2018	<40.4	<0.454	7.31	136	<0.202	<0.404	383000	383	8.58	0.26	5.15	3090	<0.252	44900	292	1	<2.02	9040	26.8	<0.101	3260000	3260	44.9	<8.08
HWWest2	9/27/2018	<202	<0.455	58.6	4.07	<0.202	<0.405	3720	3.72	67.2	0.47	6.94	567	<0.253	730	<5.06	54.6	20.9	4030	<22.3	<0.101	1.57E+07	15700	446	<8.09
HWWest3	9/27/2018	<202	<0.455	52.2	3.64	<0.202	<0.405	3420	3.42	68.6	0.47	5.93	586	<0.253	778	<5.06	44.9	20.7	4330	<22.3	<0.101	1.52E+07	15200	462	8.35
HWWest4	9/27/2018	56	<0.455	7.2	9.36	0.307	<0.405	4160	4.16	73.6	0.42	7.39	957	0.353	713	<5.06	2	20.8	3760	<22.3	<0.101	1.33E+07	13300	378	8.13
HWWest5	9/26/2018	<40.5	<0.455	2.47	129	0.223	<0.405	243000	243	13.4	0.33	<1.01	1020	<0.253	19900	134	0.6950001	2.11	15800	<22.3	<0.101	9550000	9550	66.9	<8.09
HWWest6	9/26/2018	54.7	<0.454	2.99	117	<0.202	<0.404	271000	271	<1.01	0.24	2.52	1370	<0.252	11600	242	0.00275	<2.02	8310	36	<0.101	1690000	1690	12	<8.08
MW-105A	9/22/2018	<40.4	<0.454	<1.01	12	<0.202	<0.404	105000	105	1.8	<0.15	<1.01	1140	<0.252	8690	405	0.00075	<2.02	7350	<22.2	<0.101	14600	14.6	10.4	<8.08
MW-105B	9/22/2018	3460	<0.454	3.77	21.1	<0.202	<0.404	11900	11.9	9.85	0.29	1.42	313	12	3930	18.2	0.53	<2.02	8410	31.6	<0.101	499000	499	42.5	12.5
MW-105C	9/22/2018	131	<0.454	2.19	23.8	0.872	<0.404	2540	2.54	6.78	<0.15	<1.01	3650	<0.252	1580	13	1.1	<2.02	1750	33.9	<0.101	2100000	2100	<8.58	<8.08
MW-112A	9/22/2018	17300	<0.454	7.05	78.3	0.356	<0.404	21500	21.5	31.2	0.54	3.43	1700	9.41	6540	204	0.449	7	18500	25.9	<0.101	992000	992	76	11.5
MW-112B	9/22/2018	6510	<0.454	20.8	190	5.42	<0.404	99700	99.7	472	0.85	10.6	1830	6.3	33100	122	5.3	22.7	17500	80.3	0.159	7200000	7200	1640	13
MW-112C	9/22/2018	212	<0.454	15.3	10.8	2.13	<0.404	8650	8.65	716	0.8	3.59	2240	<0.252	877	11.9	15.7	36.7	19800	49.5	<0.101	1.23E+07	12300	2680	21.7
MW-113A	9/22/2018	56200	<0.454	15	61	0.746	<0.404	6210	6.21	44	4.04	31.3	8230	26.6	3680	29.1	44.7	16.2	4350	27.6	0.315	279000	279	42.3	26.4
MW-113B	9/22/2018	340	<0.454	1.81	35.9	0.283	<0.404	1390	1.39	8.37	<0.15	<1.01	84	0.452	626	<5.05	0.0627	<2.02	3610	<22.2	<0.101	905000	905	49.9	<8.08
MW-113C	9/22/2018	6600	<0.454	20.1	89.8	22.1	<0.404	18800	18.8	397	1.65	3.68	1070	0.562	783	16.3	19.8	47	43700	91	<0.101	1.25E+07	12500	2250	12.5
MW-115A	9/23/2018	25400	<0.454	17.2	85.7	3.39	0.446	22400	22.4	78.4	1.82	4.82	1320	17.7	4470	329	8.7	10.3	2490	55.9	<0.101	681000	681	160	12.6
MW-115B	9/23/2018	24900	<0.454	23.4	75.6	30.6	0.536	25000	25	109	1.68	4.01	9690	26.8	8340	132	4.2	9.56	1370	100	<0.101	755000	755	276	27.6
MW-115C	9/23/2018	<40.4	<0.454	1.63	140	0.515	<0.404	47200	47.2	26.8	<0.15	<1.01	6230	<0.252	28400	81.2	0.193	<2.02	4730	30.5	<0.101	5770000	5770	32.5	<8.08
MW-115D	9/23/2018	<40.4	<0.454	4.18	2.04	<0.202	<0.404	4590	4.59	14.2	0.15	1.99	115	<0.252	691	<5.05	7.3	3.91	3580	46.9	<0.101	9650000	9650	70.2	<8.08
MW-351A	9/25/2018	<40.4	<0.454	1.16	40.4	<0.202	<0.404	6460	6.46	<1.01	0.2	1.09	221	<0.252	1960	8.3	0.00459	<2.02	1380	<22.2	<0.101	49000	49	<8.58	9.7
MW-351B	9/25/2018	2870	<0.454	8.45	98.4	2.57	<0.404	22000	22	31.3	0.64	<1.01	2230	2.53	4210	67.7	0.259	2.3	3720	45.2	<0.101	1540000	1540	109	<8.08
MW-352A	9/26/2018	471	<0.454	2.79	22.1	<0.202	<0.404	1600	1.6	9.71	0.38	10.1	2700	5.28	450	51.7	12.3	<2.02	1740	31.9	<0.101	1450000	1450	10.5	<8.08
MW-352B	9/26/2018	<202	<0.454	13.3	267	<0.202	<0.404	15800	15.8	12.1	0.36	<1.01	4040	<0.252	19600	113	13.2	2.9	29500	53.9	<0.101	1.2E+07	12000	<8.58	<8.08
MW-352D	9/26/2018	<40.4	<0.454	1.65	203	<0.202	<0.404	438000	438	<1.01	0.25	<1.01	12700	<0.252	49000	968	0.00376	<2.02	5370	24.6	<0.101	1200000	1200	<8.58	29.5
MW-353A	9/24/2018																<0.25								
MW-353A	1/9/2019	1890	<0.454	5.89	47.4	0.379	<0.404	4060	4.06	138	0.96	0.23	635	0.559	639	9.03		27.6	1340	18.6	0.298	1500000	1500	60.4	3.17
MW-353B	9/24/2018	16600	<0.454	28.1	794	18.2	<0.404	30100	30.1	420	1.84	4.36	719	1.16	9480	42.6	6.3	37.1	6600	91.8	<0.101	7060000	7060	1320	11.3
MW-354A	9/24/2018	3200	<0.454	3.91	23.4	0.472	<0.404	5560	5.56	15.8	<0.15	<1.01	75	0.668	1220	12.8	0.136	<2.02	4130	31.9	<0.101	446000	446	46.9	<8.08
MW-354B	9/24/2018	45300	<0.454	42.6	904	17.1	0.658	17100	17.1	341	2.88	7.31	532	3.43	2550	34.8	1.23	41	6570	146	<0.101	8620000	8620	1130	26.6
MW-355A	9/25/2018	75.4	<0.454	1.27	17.1	<0.202	<0.404	8510	8.51	<1.01	0.18	<1.01	271	<0.252	2440	11.5	0.00213	<2.02	898	<22.2	0.102	36900	36.9	<8.58	<8.08
MW-355B	9/25/2018	2030	<0.454	2.94	38.8	0.483	<0.404	7970	7.97	10.7	0.35	1.85	1050	0.301	2650	14.7	0.00344	<2.02	1610	<22.2	<0.101	338000	338	22.5	<8.08
MW-356A	9/24/2018	6320	0.478	15.9	67.3	4.55	0.537	11300	11.3	56.8	2.75	16.7	1840	209	1130	6.61	162	11.3	1130	69.3	<0.101	647000	647	94.8	16.3
MW-356B	9/24/2018	24700	<0.454	40.7	320	40.2	1.02	18500	18.5	178	3.11	6.53	7590	15.2	3240	118	1.2	11.6	4200	112	<0.101	916000	916	312	51.4
MW-357A	9/24/2018	2130	<0.454	7.85	67.4	9.24	<0.404	11600	11.6	81.3	0.37	<1.01	5020	3.65	7760	39.6	4.2	3.39	1330	55.7	<0.101	2120000	2120	110	<8.08
MW-357A	10/6/2018	2280	<0.454	8.88	69.2	10.9	<0.404			98.6	0.55	<1.01	5760	4.51		48.8		4.89		33.4	<0.101			91.2	<8.08
MW-357B	9/24/2018	249	<0.454	2.06	363	2.59	<0.404	154000	154	25.3	<0.15	<1.01	7820	0.31	9780	1590	0.946	<2.02	4670	24.2	<0.101	1310000	1310	39.5	<8.08
MW-358A	9/25/2018	194	<0.454	2.81	5.7	0.934	<0.404	36500	36.5	6.41	0.41	<1.01	<56	<0.252	54200	23.3	0.00199	<2.02	29200	<22.2	<0.101	653000	653	23.2	<8.08
MW-358B	9/25/2018	3700	<0.454	32.6	86.7	24.9	<0.404	6540	6.54	295	1.32	<1.01	383	1.57	999	23.2	16.4	30.8	2390	94.5	<0.101	7600000	7600	791	12.7
MW-358D	9/25/2018	<202	<0.454	8.86	131	<0.202	<0.404	233000	233	2.99	0.42	4.16	4530	<0.252	18000	208	0.183	2.02	27100	57.7	<0.101	1.27E+07	12700	<8.58	<8.08
MW-359A	9/23/2018	2330	<0.454	1.47	2.4	<0.202	<0.404	1670	1.67	5.68	<0.15	<1.01	178	0.44	372	<5.05	0.219	<2.02	<744	25	<0.101	70400	70.4	37.1	<8.08
MW-359B	9/23/2018	16600	<0.454	21.1	131	14.8	0.675	43200	43.2	94.4	2.04	3.67	10500	4	3010	49.8	0.4	7.69	1440	60.7	<0.101	777000	777	232	37.9
MW-360D	9/23/2018	<202	<0.454	15	13	<0.202	<0.404	20000	20	64.3	0.9	18.4	715	<0.252	<278	<5.05	64.5	34	7950	44.6	<0.101	1.03E+07	10300	405	17.2
MW-361A	1/15/2019	17000	0.414	14.3	50.4	2.69	1.2	4160	4.16	55.6	8.02	3.46	13300	8.79	3950	68.1	3.45	13	2400	<22.2	<0.101	218000	218	46.8	113
MW-361B	1/15/2019	30800	0.205	11	132	8	1.47	3970	3.97	98.3	8.74	4.47	22500	10.1	5090	159	4.32	17.5	5060	23.6	<0.101	346000	346	53.3	163
MW-362A	1/15/2019	3410	0.219	2.89	13.8	0.953	<0.404	4070	4.07	14.2	1.82	1.43	2860	1.81	702	41.3	9.660001	3.67	<744	<22.2	<0.101	220000	220	20.5	61.9
MW-362B	1/15/2019	91200	<0.454	37.2	1110	78.3	1.46	26600	26.6	415	3.98	8.6	27600	12.9	3840	374	38.9	31.4	10200	101	0.134	4080000	4080	626	101
MW-501A	9/23/2018	890	<0.454	1.79	5.03	<0.202	<0.404	4210	4.21	3.66	<0.15	<1.01	125	<0.252	3830	<5.05	0.102	<2.02	3600	<22.2	<0.101	137000	137	22.3	<8.08
MW-501B	9/23/2018	<40.4	<0.454	2.27	36.6	<0.202	<0.404	9590	9.59	4.98	<0.15	<1.01	6320	<0.252	6880	106	1.8	<2.02	3110	<22.2	<0.101	2710000	2710	12.9	<8.08
MW-502A	9/23/2018	4220	<0.454	6.46	65.9	0.322	<0.404	25200	25.2	51.3	0.43	1.37	3460	4.68	4120	121	2.6	<2.02	2410	23.4	<0.101	1370000	1370	52.7	<8.08
MW-502B	9/23/2018	368	<0.454	<1.01	9.28	0.565	<0.404	5810	5.81	10.9	<0.15	<1.01	2360	<0.252	1550	24	1	<2.02	1320	<22.2	<0.101	1370000	1370	23	<8.08
MW-503A	9/23/2018	3650	<0.454	3.61	61	0.257	<0.404	21000	21	25.2	<0.15	<1.01	1040	1.83	9180	61.1	2.8	<2.02	7700	30.1	<0.101	697000	697	79	<8.08
MW-503B	9/23/2018	29700	<0.454	28.2	475	10.7	<0.404	23900	23.9	232	1.16	4.44	11700	4.68	4810	163	15.7	22.4	7970	103	<0.101	3070000	3070	861	8.08
MW-504A	9/22/2018	23700	<0.454	18.8	182	1.16	<0.404	14200	14.2	188	1.3	6.46	2700	17.9	3270	51.2	13.3	13	2960	60.6	<0.101	1830000	1830	395	18.9
MW-504B	9/22/2018	206	<0.454	1.54	39.1	1.19	<0.404	4990	4.99	22.1	<0.15	<1.01	5080	0.548	5100	24.6	2.9	<2.02	928	26.9	<0.101	1960000	1960	24.9	<8.08
MW-505A	9/22/2018	32000	<0.454	26.7	491	3.13	<0.404	20000	20	303	1.58	4.89	1090	14.9	4810	112	20	19.2	2850	94.7	<0.101	2490000	2490	735	8.71
MW-505B	9/22/2018	3640	<0.454	8.1	224	2.55	<0.404	9560	9.56	82	0.38	1.96	3700	2.89	4350	79.8	1.9	6.05	1290	48.1	<0.101	3460000	3460	120	<8.08
MW-506A	1/9/2019	17400	0.461	12.6	145	1.48	<0.404	4200	4.2	163	0.85	2.01	384	8.53	520	5.38	2.8	6.11	4120	30.9	<0.101	2300000	2300	176	12.2
MW-506B	1/9/2019	57600	<0.454	45.8	1190	47.9	0.526	77800	77.8	537	2.15	5.68	18000	1.87	11600	334	8.6	34.7	10900	118	<0.101	9270000	9270	1810	29.9
MW-507A	1/10/2019	2170	<0.454	25.1	127	11	<0.404	22700	22.7	150	0.25	<1.01	2570	0.509	25900	129	5.7	4.51	2630	61	<0.101	4130000	4130	272	<8.08
MW-507B	1/10/2019	3640	<0.454	31.4	236	25.3	<0.404	54200	54.2	729	2.28	4.52	2690	2.88	24500	106	6.9	37.4	3420	77.6	<0.101	7450000	7450	1130	8.41
MW-508A	9/23/2018	5050	<0.454	6.6	57.3	2.92	<0.404	3700	3.7	59.9	0.45	<1.01	1100	1.98	2170	15.8	0.8	3.5	870	54.1	<0.101	2330000	2330	132	<8.08
MW-508B	9/23/2018	2190	<0.454	20.5	136	18.8	<0.404	67300	67.3	599	1.53	4.03	1620	<0.252	6130	111	35.7	48.5	8310	67.6	<0.101	1E+07	10000	2410	29.2

Table 1a. Site-wide Groundwater Sampling Results- Metals

2018-2019

Location	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cobalt (µg/L)	Calcium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sodium (µg/L)	Sodium (mg/L)	Vanadium (µg/L)	Zinc (µg/L)
MW-509A	9/23/2018	2010	<0.454	2.03	8.62	<0.202	<0.404	8050	8.05	16.5	<0.15	<1.01	1000	5.45	2080	45.5	<0.25	<2.02	3850	26.9	<0.101	845000	845	54.4	14.4
MW-509B	9/23/2018	16600	<0.454	46.6	657	28.3	0.568	39600	39.6	602	2.3	4.9	587	6.08	998	21.4	44.7	68.6	5400	148	<0.101	9430000	9430	2920	18.4
MW-510A	9/26/2018	89900	2.55	81.5	760	19.9	0.921	28500	28.5	324	5.55	22.5	16000	103	2880	268	45.2	22.1	6760	180	0.242	2170000	2170	583	35.6
MW-510B	9/26/2018	847	0.583	16.9	132	11.6	<0.405	39800	39.8	453	1.18	3.36	4310	0.743	47400	126	6.9	25.7	9210	42.2	<0.101	6860000	6860	916	<8.09
MW-511A[1]	1/10/2019	489	<0.454	2.87	2.51	0.253	<0.404	1210	1.21	2.33	<0.15	<0.2	119	<0.252	881	<5.05		<2.02	3800	5.57	<0.101	1010000	1010	7.88	<1.62
MW-511B	9/24/2018	86.3	<0.454	1.25	46.7	0.474	<0.404	25300	25.3	23.5	<0.15	<1.01	3070	<0.252	9050	27.6	2.1	<2.02	3270	40.6	<0.101	2870000	2870	23.6	<8.08
MW-512A	9/26/2018	2250	<0.454	25.3	143	24	<0.404	16400	16.4	178	1.44	1.25	6810	37.1	9110	94.1	34	8.64	1160	69.2	<0.101	1690000	1690	295	<8.08
MW-512B	9/26/2018	<40.4	<0.454	3.69	8.36	<0.202	<0.404	10200	10.2	5.48	0.4	<1.01	610	<0.252	20600	20.4	<0.05	<2.02	26500	38.2	<0.101	5740000	5740	33	<8.08
MW-513A	9/25/2018	58900	1.43	69.5	467	3.13	0.912	4820	4.82	212	7.62	39	29100	71	1670	38.2	62.6	15.8	2040	53.1	0.118	524000	524	383	48.9
MW-513B	9/25/2018	<202	2.8	112	51.4	<0.202	<0.404	10400	10.4	53.7	0.7	<1.01	462	0.403	1810	<5.05	353	22	13000	45.8	<0.101	1.02E+07	10200	188	18.9
MW-514A	9/25/2018	99.8	<0.454	2.35	13.1	<0.202	<0.404	4460	4.46	3.38	0.28	<1.01	9950	5.05	5000	131	2.9	<2.02	1120	24.4	<0.101	1530000	1530	<8.58	<8.08
MW-514B	9/25/2018	2110	<0.454	20.9	90.2	7.13	0.509	4850	4.85	40.5	3.18	2.85	7880	11.3	1760	90.4	9.2	5.94	1040	49.1	<0.101	338000	338	35.3	32.4
MW-515A	9/27/2018	108	<0.455	1.01	9.02	<0.202	<0.405	10400	10.4	4.84	<0.15	<1.01	1950	<0.253	2150	32.7	<0.05	<2.02	2780	<22.3	<0.101	1540000	1540	9.84	19.1
MW-515B	9/27/2018	75.2	<0.455	2.46	50.3	4.87	<0.405	19500	19.5	125	0.63	2.91	2780	0.447	24100	28.5	16.3	11.6	9980	<22.3	<0.101	5770000	5770	108	<8.09
MW-516A	9/27/2018	5660	<0.455	23.9	66.6	13.3	<0.405	9580	9.58	84.7	1.09	1.67	356	8.62	2710	98.5	26.2	10.5	1510	75.5	<0.101	1660000	1660	161	<8.09
MW-516B	9/27/2018	315	<0.455	4.93	68.3	5.02	<0.405	18000	18	83.1	0.32	<1.01	6310	2.04	13200	71.6	1.8	2.59	3470	22.8	<0.101	2560000	2560	52.7	<8.09
MW-517A	9/28/2018	1290	<0.455	27.8	200	19.3	<0.405	8170	8.17	85.1	2.31	4.19	1440	67.1	1300	15.6	73.2	15.1	<744	84	<0.101	1370000	1370	189	<8.09
MW-517B	9/28/2018	228	1.47	59	140	17.4	<0.405	19500	19.5	322	0.98	2.88	3400	4.43	5860	55.4	46.8	24.6	6180	157	<0.101	4340000	4340	663	<8.09
MW-518A	9/27/2018	4490	<0.455	32.2	199	14.1	<0.405	30300	30.3	329	0.94	2.44	3640	3.04	35700	175	6.6	14.3	4400	98.2	<0.101	4150000	4150	438	<8.09
MW-518B	9/27/2018	2900	<0.455	27.4	255	25.3	<0.405	55700	55.7	525	1.51	3.46	3070	2.54	29700	125	6.9	24.6	4590	94.6	<0.101	7380000	7380	832	<8.09
MW-519A	9/28/2018	10000	<0.455	23.8	70.5	30.4	<0.405	12700	12.7	122	1.47	4.68	6300	42.7	5620	57.4	8.2	10.7	<744	92.3	<0.101	829000	829	177	<8.09
MW-519B	9/28/2018	42	<0.455	2.08	99.8	0.964	<0.405	28800	28.8	104	0.34	<1.01	9790	<0.253	21200	134	1.1	3.58	11600	<22.3	<0.101	7560000	7560	102	<8.09

Notes: [1] Well to re-sampled in March 2019 for Hg

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dichlorobenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)	1,2-Dichlorotetrafluoroethane (µg/L)	1,2-Dichlorotetrafluoroethane (µg/L)	1,4-Dichlorobenzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chlorotoluene (µg/L)
HWEast1	9/27/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWEast2	9/27/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWEast3	9/27/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWEast4	9/27/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
HWEast5	9/27/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
HWEast6	9/27/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWWest1	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWWest2	9/30/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
HWWest3	9/30/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
HWWest4	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWWest5	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.14	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
HWWest6	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.19	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-101A	9/22/2017	<0.11	<0.075	<0.16	<0.14	0.19	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-101B	9/22/2017	<0.11	<0.075	<0.16	<0.14	0.17	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-101C	9/22/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-101D	9/22/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-102A	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.64	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-102B	9/7/2017	<0.11	<0.075	<0.16	<0.14	4.3	4.8	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	0.13	<0.089	<0.14	<0.065	<1.9	<0.1
MW-102C	9/7/2017	<0.11	<0.075	<0.16	<0.14	1.2	0.61	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-103A	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.21	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-103B	9/7/2017	<0.11	<0.075	<0.16	<0.14	1	0.25	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	0.23	<0.089	<0.14	0.07	<1.9	<0.1
MW-103C	9/7/2017	<0.11	<0.075	<0.16	<0.14	2.5	0.46	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	0.73	<0.089	<0.14	<0.065	<1.9	<0.1
MW-104B	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.53	0.09	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-104C	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.91	0.19	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	0.18	<0.089	<0.14	<0.065	<1.9	<0.1
MW-105A	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.94	<0.08	<0.069	<0.11	<0.2	0.12	<0.22	<0.1	<0.08	0.1	<0.089	<0.14	<0.065	<1.9	<0.1
MW-105B	9/7/2017	<0.11	<0.075	<0.16	<0.14	3.2	0.29	0.61	<0.11	<0.2	16	<0.22	<0.1	<0.08	0.31	2.5	<0.14	<0.065	<1.9	0.67
MW-105C	9/7/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-106A	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.79	<0.22	<0.1	<0.08	<0.065	0.55	<0.14	<0.065	<1.9	<0.1
MW-106B	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.21	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-106C	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-107A	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-107B	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-107C	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-108A	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-108B	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-108C	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.13	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-108D	9/21/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-109A	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.27	<0.22	0.11	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-109B	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.21	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-109C	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-110A	9/6/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	570	<1.1	<0.5	<0.4	<0.48	160	<0.7	<0.33	<9.5	55
MW-110B	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.66	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-110C	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	1	<0.22	<0.1	<0.08	<0.065	0.37	<0.14	<0.065	<1.9	0.15
MW-111A	9/7/2017	<0.55	<0.38	<0.8	<0.7	1.5	<0.4	0.7	<0.55	<1	55	<1.1	<0.5	<0.4	<0.48	23	<0.7	<0.33	24	<0.5
MW-111B	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.11	<0.08	<0.069	<0.11	<0.2	7.3	<0.22	<0.1	0.08	<0.065	2.7	<0.14	<0.065	<1.9	1.2
MW-111C	9/7/2017	<0.11	<0.075	<0.16	<0.14	0.16	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	0.17	<0.089	<0.14	<0.065	<1.9	<0.1
MW-112A	9/6/2017	<0.11	<0.075	<0.16	<0.14	0.15	<0.08	<0.069	<0.11	<0.2	2.4	<0.22	<0.1	<0.08	0.1	0.61	<0.14	<0.065	<1.9	0.14
MW-112B	9/6/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	2.6	<1.1	<0.5	<0.4	<0.48	1.1	<0.7	<0.33	<9.5	<0.5
MW-112C	9/6/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	3.5	<1.1	<0.5	<0.4	<0.48	1.4	<0.7	<0.33	<9.5	<0.5
MW-113A	9/5/2017	<0.55	<0.075	<0.16	<0.7	0.13	<0.08	<0.069	<0.11	0.59	3.7	<0.22	<0.5	0.09	<0.065	1.9	<0.7	<0.065	<1.9	0.28
MW-113B	9/5/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-113C	9/5/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	2.5	<1.1	<0.5	<0.4	<0.48	0.65	<0.7	<0.33	4000	<0.5
MW-114A	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	1.5	<0.22	<0.1	0.1	<0.065	1.6	<0.14	<0.065	<1.9	<0.1
MW-114B	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-114C	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.07	<0.22	<0.1	<0.08	0.41	<0.089	<0.14	<0.065	<1.9	<0.1
MW-115A	9/23/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	0.65	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-115B	9/23/2017	<0.11	<0.075	<0.16	<0.14	0.19	0.11	<0.069	<0.11	<0.2	0.82	<0.22	<0.1	<0.08	<0.065	0.33	<0.14	<0.065	<1.9	<0.1
MW-115C	9/23/2017	<0.11	<0.075	<0.16	<0.14	0.26	<0.08	<0.069	<0.11	<0.2	1.3	<0.22	<0.1	<0.08	<0.065	0.35	<0.14	<0.065	<1.9	<0.1
MW-115D	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-116A	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	1.2	0.33	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	0.06	<1.9	<0.1
MW-116B	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-116C	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-117A	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-117B	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-117C	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-117D	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-131	9/24/2017	<2.2	<1.5	<3.2	<2.8	<1.6	<1.6	<1.8	<2.2	<4	2.6	<4.4	<2	<1.6	<1.9	<1.8	<2.8	<1.3	<38	<2
MW-132	9/27/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	8.7	<1.1	<0.5	<0.4	<0.48	4.5	<0.7	<0.33	<9.5	<0.5
MW-133	9/27/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	3.3	<1.1	<0.5	<0.4	<0.48	2.2	<0.7	<0.33	<9.5	<0.5
MW-135	9/24/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	2.2	<2.2	<1	<0.8	<0.95	0.9	<1.4	<0.65	<19	<1
MW-301A	10/23/2017	<0.11	<0.075	<0.16	<0.14	0.24	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-301B	10/23/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	89	<1.1	<0.5	<0.4	<0.48	37	<0.7	<0.33	<9.5	<0.5
MW-302	9/28/2017	<1.1	<0.75	<1.6	<1.4	1	<0.8	<0.89	<1.1	<2	93	<2.2	<1	<0.8	<0.95	39	<1.4	<0.65	<19	4.8
MW-303	9/29/2017	<0.55	<0.075	<0.8	<0.14	<0.077	<0.08	<0.069	<0.55	<1	15	<1.1	<0.5	<0.08	<0.065	<0.45	<0.14	<0.065	<1.9	<0.5
MW-304	9/24/2017	<5.5	<3.8	<8	<7	<3.9	<4	<4.5	<5.5	<10	7	<11	<5	<4	<4.8	<4.5	<7	<3.3	<95	<5
MW-305	9/27/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	0.5	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-306B	9/29/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	1.3	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-307A	9/26/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-307B	9/26/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.29	<0.22	<0.1	<0.08	<0.065	0.12	<0.14	<0.065	<1.9	<0.1
MW-308	9/28/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.09	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-309	9/29/2017	<0.11	<0.075	<0.16	<0.14	0.11	<0.08	<0.069	<0.11	<0.2	0.17	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-310A	9/28/2017	<0.11	<0.075	<0.16	<0.14	0.12	<0.08	<0.069	<0.11	<0.2	7.4	<0.22	<0.1	<0.08	<0.065	1.6	<0.14	<0.065	<1.9	0.12
MW-310B	9/28/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.11	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-311A	9/29/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-311B	9/29/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-312A	9/29/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	0.17	<0.22	<0.1	<0.08	<0.065	0.1	<0.14	<0.065	<1.9	<0.1
MW-312B	9/29/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	2.3	<1.4	<0.65	<19	<1
MW-313A	9/29/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-313B	9/29/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	38	<0.22	<0.1	<0.08	<0.065	29	<0.14	<0.065	<1.9	<0.1
MW-314A	9/25/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-314B	9/25/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-351A	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-351B	9/30/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.069	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1

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Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	1,1-Dichloroethane	1,2-Dichloroethane	1,1,2,2-Tetrachloroethane	Acetone	Benzene	Bromobenzene	Bromochloromethane acid	Bromoform (Tribromomethane)	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromomethane
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
HWEast1	9/27/2017	<2.7	<0.13	<2.6	4.3	0.1	<0.12	<0.16	<0.091	<0.16	<0.16	0.2	<0.096	<0.11	<0.16	<0.072	0.09	<0.067	<0.18
HWEast2	9/27/2017	<2.7	<0.13	<2.6	3.6	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.06	<0.096	<0.11	<0.16	<0.072	0.1	<0.067	<0.18
HWEast3	9/27/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
HWEast4	9/27/2017	<14	<0.65	<13	<17	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	0.65	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
HWEast5	9/27/2017	<14	<0.65	<13	<17	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	1.3	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
HWEast6	9/27/2017	<2.7	<0.13	<2.6	7.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
HWWest1	9/30/2017	<2.7	<0.13	<2.6	<3.3	0.72	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	0.12	<0.16	<0.072	<0.068	<0.067	<0.18
HWWest2	9/30/2017	<27	<1.3	<26	210	1.6	<1.2	<1.6	<0.91	<1.6	<1.6	3	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8
HWWest3	9/30/2017	<27	<1.3	<26	200	1.4	<1.2	<1.6	<0.91	<1.6	<1.6	3	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8
HWWest4	9/30/2017	<2.7	<0.13	<2.6	57	0.95	<0.12	<0.16	<0.091	<0.16	<0.16	0.33	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
HWWest5	9/30/2017	<2.7	<0.13	<2.6	<3.3	0.29	<0.12	<0.16	<0.091	<0.16	<0.16	0.11	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
HWWest6	9/30/2017	<2.7	<0.13	<2.6	4	0.34	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-101A	9/22/2017	<2.7	<0.13	<2.6	11	0.16	<0.12	<0.16	<0.091	<0.16	<0.16	0.28	<0.096	6.5	<0.16	<0.072	<0.068	0.44	<0.18
MW-101B	9/22/2017	<2.7	<0.13	<2.6	<3.3	0.1	<0.12	<0.16	<0.091	<0.16	<0.16	0.19	<0.096	2.2	<0.16	<0.072	0.6	0.33	<0.18
MW-101C	9/22/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.13	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-101D	9/22/2017	<2.7	<0.13	<2.6	<3.3	2.6	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	<0.11	<0.16	<0.072	<0.068	0.5	<0.18
MW-102A	9/7/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.22	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-102B	9/7/2017	<2.7	<0.13	<2.6	<3.3	2.9	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	3.1	0.18	0.24	<0.068	15	<0.18
MW-102C	9/7/2017	<2.7	<0.13	<2.6	8	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	0.31	<0.16	<0.072	0.08	1.7	<0.18
MW-103A	9/7/2017	<2.7	<0.13	<2.6	3.4	0.08	<0.12	<0.16	<0.091	<0.16	<0.16	0.28	<0.096	<0.11	<0.16	<0.072	<0.068	0.24	<0.18
MW-103B	9/7/2017	<2.7	<0.13	<2.6	5	0.18	<0.12	<0.16	<0.091	<0.16	<0.16	0.23	<0.096	0.26	<0.16	<0.072	<0.068	3.2	<0.18
MW-103C	9/7/2017	<2.7	<0.13	<2.6	3.6	0.13	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	0.42	<0.16	<0.072	0.11	4.8	<0.18
MW-104B	9/7/2017	<2.7	<0.13	<2.6	5.3	0.18	<0.12	<0.16	<0.091	<0.16	<0.16	0.13	<0.096	<0.11	<0.16	<0.072	<0.068	0.68	<0.18
MW-104C	9/7/2017	<2.7	<0.13	<2.6	<3.3	0.38	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	0.29	<0.16	<0.072	<0.068	1.3	<0.18
MW-105A	9/7/2017	<2.7	<0.13	<2.6	6.8	0.42	<0.12	<0.16	<0.091	<0.16	<0.16	0.19	<0.096	<0.11	<0.16	<0.072	<0.068	0.24	<0.18
MW-105B	9/7/2017	<2.7	<0.13	<2.6	8.1	2.2	<0.12	<0.16	<0.091	<0.16	<0.16	0.37	<0.096	0.36	<0.16	<0.072	<0.068	0.98	<0.18
MW-105C	9/7/2017	<14	<0.65	<13	<17	0.45	<0.6	<0.8	<0.46	<0.8	<0.8	0.65	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
MW-106A	9/21/2017	<2.7	<0.13	<2.6	12	0.29	<0.12	<0.16	<0.091	<0.16	<0.16	0.14	<0.096	<0.11	<0.16	<0.072	0.11	<0.067	<0.18
MW-106B	9/21/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-106C	9/21/2017	<2.7	<0.13	<2.6	5.1	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-107A	9/21/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	0.14	<0.067	<0.18
MW-107B	9/21/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	0.16	<0.067	<0.18
MW-107C	9/21/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	0.75	<0.072	<0.068	<0.067	<0.18
MW-108A	9/21/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-108B	9/21/2017	<2.7	<0.13	<2.6	26	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.08	<0.096	<0.11	1.7	<0.072	<0.068	<0.067	<0.18
MW-108C	9/21/2017	<2.7	<0.13	<2.6	7.7	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	0.06	<0.067	<0.18
MW-108D	9/21/2017	<2.7	<0.13	<2.6	3.5	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-109A	9/23/2017	<2.7	<0.13	<2.6	5	0.32	<0.12	<0.16	<0.091	<0.16	<0.16	0.11	<0.096	<0.11	4.2	<0.072	<0.068	<0.067	<0.18
MW-109B	9/23/2017	15	<0.13	<2.6	6.7	0.77	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	5.1	<0.072	<0.068	<0.067	<0.18
MW-109C	9/23/2017	<2.7	<0.13	<2.6	8.5	2.3	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	4	<0.072	0.08	<0.067	<0.18
MW-110A	9/6/2017	<14	<0.65	<13	18	54	<0.6	<0.8	<0.46	<0.8	<0.8	1.4	<0.48	<0.55	<0.8	1.1	<0.34	<0.34	<0.9
MW-110B	9/6/2017	<2.7	<0.13	<2.6	<3.3	0.34	<0.12	<0.16	<0.091	<0.16	<0.16	0.19	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-110C	9/6/2017	<2.7	<0.13	<2.6	<3.3	0.18	<0.12	<0.16	<0.091	<0.16	<0.16	0.27	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-111A	9/7/2017	<14	<0.65	<13	100	5.5	<0.6	<0.8	<0.46	<0.8	<0.8	1.2	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
MW-111B	9/7/2017	<2.7	<0.13	<2.6	3.4	1.4	<0.12	<0.16	<0.091	<0.16	<0.16	0.71	<0.096	<0.11	<0.16	<0.072	<0.068	0.07	<0.18
MW-111C	9/7/2017	<2.7	<0.13	<2.6	3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	<0.11	<0.16	<0.072	0.14	0.25	<0.18
MW-112A	9/6/2017	<2.7	<0.13	<2.6	3.3	1.8	<0.12	<0.16	<0.091	<0.16	<0.16	0.46	<0.096	3.8	<0.16	<0.072	<0.068	0.4	<0.18
MW-112B	9/6/2017	<14	<0.65	<13	<17	1.5	<0.6	<0.8	<0.46	<0.8	<0.8	0.7	<0.48	1.1	<0.8	<0.36	<0.34	0.85	<0.9
MW-112C	9/6/2017	<14	<0.65	<13	66	3.5	<0.6	<0.8	<0.46	<0.8	<0.8	1.5	<0.48	8	<0.8	<0.36	<0.34	<0.34	<0.9
MW-113A	9/5/2017	<14	<0.13	<2.6	<3.3	4	<0.12	<0.16	0.44	<0.8	<0.16	0.13	<0.096	<0.55	0.16	<0.072	0.44	3.4	<0.18
MW-113B	9/5/2017	<2.7	<0.13	<2.6	<3.3	0.99	<0.12	<0.16	<0.091	<0.16	<0.16	0.08	<0.096	25	<0.16	<0.072	<0.068	0.69	<0.18
MW-113C	9/5/2017	<14	<0.65	<13	8300	0.45	<0.6	<0.8	<0.46	<0.8	<0.8	1	<0.48	1.7	<0.8	<0.36	<0.34	<0.34	<0.9
MW-114A	9/6/2017	11	<0.13	<2.6	<3.3	0.09	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-114B	9/6/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-114C	9/6/2017	2.7	<0.13	<2.6	<3.3	1.2	<0.12	<0.16	<0.091	<0.16	<0.16	0.53	<0.096	<0.11	<0.16	<0.072	0.11	0.6	<0.18
MW-115A	9/23/2017	<14	<0.65	<13	<17	1.5	<0.6	<0.8	<0.46	<0.8	<0.8	0.85	<0.48	1	<0.8	<0.36	<0.34	0.4	<0.9
MW-115B	9/23/2017	<2.7	<0.13	<2.6	4.3	2.3	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	0.32	<0.16	<0.072	<0.068	0.39	<0.18
MW-115C	9/23/2017	<2.7	<0.13	<2.6	<3.3	0.68	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	<0.068	0.47	<0.18
MW-115D	9/23/2017	<2.7	<0.13	<2.6	5.3	0.11	<0.12	<0.16	<0.091	<0.16	<0.16	2.7	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-116A	9/23/2017	<2.7	<0.13	<2.6	7.4	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-116B	9/23/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-116C	9/23/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.42	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-117A	9/24/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-117B	9/24/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	0.09	<0.18
MW-117C	9/24/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	0.1	<0.067	<0.18
MW-117D	9/24/2017	<2.7	<0.13	<2.6	6	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	0.11	<0.067	<0.18
MW-131	9/24/2017	<54	<2.6	<52	<66	9.6	<2.4	<3.2	<1.9	<3.2	<3.2	<1.4	<2	390	<3.2	<1.5	<1.4	<1.4	<3.6
MW-132	9/27/2017	<14	<0.65	<13	<17	43	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	7.1	<0.8	<0.36	<0.34	1.1	<0.9
MW-133	9/27/2017	<14	<0.65	<13	<17	11	<0.6	<0.8	<0.46	<0.8	<0.8	0.85	<0.48	9.7	<0.8	<0.36	<0.34	0.9	<0.9
MW-135	9/24/2017	<27	<1.3	<26	<33	3.9	<1.2	<1.6	<0.91	<1.6	<1.6	0.7	<0.96	210	<1.6	<0.72	<0.68	<0.67	<1.8
MW-301A	10/23/2017	<2.7	<0.13	<2.6	4.5	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.44	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-301B	10/23/2017	<14	<0.65	<13	<17	8.9	<0.6	<0.8	<0.46	<0.8	<0.8	2.6	<0.48	<0.55	<0.8	0.8	<0.34	<0.34	<0.9
MW-302	9/28/2017	<27	<1.3	<26	59	35	<1.2	<1.6	<0.91	<1.6	<1.6	4.7	<0.96	<1.1	<1.6	1	<0.68	<0.67	<1.8
MW-303	9/29/2017	<2.7	<0.65	<2.6	5	1.3	<0.6	<0.16	<0.091	<0.8	<0.16	0.13	<0.096	<0.55	<0.16	<0.072	0.13	<0.067	<0.18
MW-304	9/24/2017	<140	<6.5	<130	<170	<3.1	<6	<8	<4.6	<8	<8	<3.5	<4.8	7	<8	<3.6	<3.4	<3.4	<9
MW-305	9/27/2017	<14	<0.65	<13	<17	4	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	3.2	<0.8	<0.36	<0.34	0.9	<0.9
MW-306B	9/29/2017	<14	<0.65	<13	20	0.95	<0.6	<0.8	<0.46	<0.8	<0.8	1.2	<0.48	<0.55	<0.8	0.45	<0.34	0.45	<0.9
MW-307A	9/26/2017	<14	<0.65	<13	<17	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
MW-307B	9/26/2017	<2.7	<0.13	<2.6	7.6	0.17	<0.12	<0.16	<0.091	<0.16	<0.16	0.29	<0.096	<0.11	<0.16	<0.072	<0.068	0.2	<0.18
MW-308	9/28/2017	<2.7	<0.13	<2.6	<3.3	2.7	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-309	9/29/2017	<2.7	<0.13	<2.6	<3.3	2.5	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-310A	9/28/2017	<2.7	<0.13	<2.6	3.7	5.1	<0.12	<0.16	<0.091	<0.16	<0.16	0.2	<0.096	<0.11	<0.16	<0.072	0.49	<0.067	<0.18
MW-310B	9/28/2017	<2.7	<0.13	<2.6	4	0.14	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-311A	9/29/2017	<2.7	<0.13	<2.6	4.2	0.25	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	4.3	<0.16	<0.072	<0.068	<0.067	<0.18
MW-311B	9/29/2017	<14	<0.65	<13	<17	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	0.65	<0.48	<0.55	<0.8	<0.36	<0.34	<0.34	<0.9
MW-312A	9/29/2017	<2.7	<0.13	<2.6	<3.3	0.72	<0.12	<0.16	<0.091	<0.16	<0.16	0.32	<0.096	87	<0.16	<0.072	<0.068	0.26	<0.18
MW-312B	9/29/2017	<27	<1.3	<26	<33	3.7	<1.2	<1.6	<0.91	<1.6	<1.6	1.7	<0.96	100	<1.6	<0.72	5.3	<0.67	<1.8
MW-313A	9/29/2017	<27	<1.3	<26	<33	<0.62	<1.2	<1.6	<0.91	<1.6	<1.6	4.5	<0.96	<1.1	<1.6	0.8	<0.68	<0.67	<1.8
MW-313B	9/29/2017	<2.7	<0.13	<2.6	5.9	1.4	<0.12	<0.16	<0.091	<0.16	<0.16	3	<0.096	<0.11	<0.16	<0.072	<0.068	4.6	<0.18
MW-314A	9/25/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.13	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-314B	9/25/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18
MW-351A	9/30/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.15	<0.096	0.18	<0.16	<0.072	<0.068	<0.067	<0.18
MW-351B	9/30/2017	<2.7	<0.13	<2.6	3.5	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	Chloromethane (Methyl Chloride) (µg/L)	Vinyl chloride (Chloroethene) (µg/L)	Chloroethane (Ethylchloride) (chloride) (µg/L)	Carbon tetrachloride (µg/L)	Methylene chloride (Dichloromethane) (µg/L)	Chloroform (Trichloromethane) (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (1,1-dichloroethylene) (µg/L)	1,2-Dichloroethane (Ethylene dichloride) (µg/L)	1,2-Dichloroethene (cis-1,2-dichloroethylene) (µg/L)	Benzene (µg/L)	Trichloroethene (Trichloroethylene) (µg/L)	Tetrachloroethene (Tetrachloroethylene) (µg/L)	Toluene (µg/L)	Trans-1,2-Dichloroethene (trans-1,2-dichloroethylene) (µg/L)	Xylene 1,2 (Dimethylbenzene) (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (Cumene) (µg/L)	n-Propylbenzene (µg/L)
HWEast1	9/27/2017	<0.15	<0.13	0.15	<0.05	0.09	<0.11	<0.054	0.11	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.28	<0.072	<0.068	<0.1	<0.12	<0.075
HWEast2	9/27/2017	<0.15	<0.13	<0.1	<0.05	0.11	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.23	<0.072	<0.068	<0.1	<0.12	<0.075
HWEast3	9/27/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	0.08	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
HWEast4	9/27/2017	<0.75	<0.65	1	0.25	<0.26	<0.55	<0.27	<0.27	<0.37	<0.3	<0.31	<0.45	<0.3	<0.5	<0.27	<0.36	<0.34	<0.5	<0.6	<0.38
HWEast5	9/27/2017	<0.75	<0.65	1	<0.25	<0.26	<0.55	<0.27	<0.27	<0.37	<0.3	<0.31	<0.45	<0.3	<0.5	<0.27	<0.36	<0.34	<0.5	<0.6	<0.38
HWEast6	9/27/2017	<0.15	<0.13	<0.1	<0.05	0.07	<0.11	<0.054	0.09	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.39	<0.072	<0.068	<0.1	<0.12	<0.075
HWWest1	9/30/2017	<0.15	<0.13	0.1	0.21	0.13	0.36	<0.054	<0.054	0.17	<0.06	<0.062	<0.069	<0.059	<0.099	0.39	<0.072	<0.068	<0.1	<0.12	<0.075
HWWest2	9/30/2017	<1.5	<1.3	1	0.5	<0.51	1.7	<0.54	<0.54	<0.74	<0.6	<0.62	<0.89	<0.59	<0.99	1.5	<0.72	<0.68	<1	<1.2	<0.75
HWWest3	9/30/2017	<1.5	<1.3	1.1	0.5	<0.51	1.8	<0.54	<0.54	<0.74	<0.6	<0.62	<0.89	<0.59	<0.99	1	<0.72	<0.68	<1	<1.2	<0.75
HWWest4	9/30/2017	<0.15	<0.13	<0.1	0.13	0.06	0.35	<0.054	<0.054	0.11	<0.06	<0.062	<0.069	<0.059	<0.099	0.35	<0.072	<0.068	<0.1	<0.12	<0.075
HWWest5	9/30/2017	<0.15	<0.13	<0.1	0.42	0.41	0.24	<0.054	0.09	0.21	<0.06	<0.062	<0.069	<0.059	<0.099	0.24	<0.072	<0.068	<0.1	<0.12	<0.075
HWWest6	9/30/2017	<0.15	<0.13	<0.1	0.15	0.28	0.4	<0.054	0.15	0.2	<0.06	<0.062	<0.069	<0.059	<0.099	0.24	<0.072	<0.068	<0.1	<0.12	<0.075
MW-101A	9/22/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.34	<0.072	<0.068	<0.1	<0.12	<0.075
MW-101B	9/22/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.31	<0.072	<0.068	<0.1	<0.12	<0.075
MW-101C	9/22/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.27	<0.072	<0.068	<0.1	<0.12	<0.075
MW-101D	9/22/2017	<0.15	<0.13	<0.1	0.06	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	2.2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-102A	9/7/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.12	<0.072	<0.068	<0.1	<0.12	<0.075
MW-102B	9/7/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	0.25	<0.069	1.4	<0.099	0.15	5.8	<0.068	0.49	<0.12	0.34
MW-102C	9/7/2017	<0.15	<0.13	0.11	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	0.38	<0.099	0.22	0.32	<0.068	<0.1	<0.12	<0.075
MW-103A	9/7/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.07	<0.072	<0.068	<0.1	<0.12	<0.075
MW-103B	9/7/2017	<0.15	<0.13	0.12	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	0.4	<0.099	0.34	2.8	<0.068	2.1	<0.12	<0.075
MW-103C	9/7/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	0.19	<0.069	0.85	<0.099	0.14	4.4	<0.068	3.7	<0.12	<0.075
MW-104B	9/7/2017	<0.15	<0.13	0.15	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	0.47	<0.099	0.28	1.5	<0.068	0.84	<0.12	<0.075
MW-104C	9/7/2017	<0.15	<0.13	0.17	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	0.12	<0.069	0.92	<0.099	0.41	2.6	<0.068	1.6	<0.12	<0.075
MW-105A	9/7/2017	<0.15	<0.13	0.75	0.25	4.2	0.16	<0.054	1.5	0.25	0.2	0.31	<0.069	0.81	<0.099	0.85	<0.072	<0.068	<0.1	<0.12	<0.075
MW-105B	9/7/2017	<0.15	<0.13	<0.1	12	5.7	2	1.4	5.1	3.1	1.1	1.7	<0.069	3	<0.099	1.7	<0.072	<0.068	0.18	<0.12	0.5
MW-105C	9/7/2017	<0.75	<0.65	2.1	0.25	<0.26	<0.55	<0.27	<0.27	<0.37	<0.3	<0.31	<0.45	<0.3	<0.5	1.1	<0.36	<0.34	<0.5	<0.6	<0.38
MW-106A	9/21/2017	<0.15	<0.13	0.62	3	28	0.48	1.5	35	0.64	0.34	5	<0.069	2	<0.099	2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-106B	9/21/2017	<0.15	<0.13	0.94	0.15	2.5	0.29	0.19	1.5	0.27	<0.06	0.5	<0.069	0.24	<0.099	1	<0.072	<0.068	<0.1	<0.12	<0.075
MW-106C	9/21/2017	<0.15	<0.13	0.78	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.87	<0.072	<0.068	<0.1	<0.12	<0.075
MW-107A	9/21/2017	<0.15	<0.13	0.75	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	1.3	<0.072	<0.068	<0.1	<0.12	<0.075
MW-107B	9/21/2017	<0.15	<0.13	0.23	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.34	<0.072	<0.068	<0.1	<0.12	<0.075
MW-107C	9/21/2017	<0.15	<0.13	0.31	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.46	<0.072	<0.068	<0.1	<0.12	<0.075
MW-108A	9/21/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.13	<0.072	<0.068	<0.1	<0.12	<0.075
MW-108B	9/21/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.23	<0.072	<0.068	<0.1	<0.12	<0.075
MW-108C	9/21/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.35	<0.072	<0.068	<0.1	<0.12	<0.075
MW-108D	9/21/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.09	<0.072	<0.068	<0.1	<0.12	<0.075
MW-109A	9/23/2017	<0.15	<0.13	0.15	2.8	3.3	0.26	<0.054	3.7	0.09	0.13	2.1	<0.069	0.34	<0.099	0.51	<0.072	<0.068	<0.1	<0.12	<0.075
MW-109B	9/23/2017	<0.15	<0.13	<0.1	0.83	2.3	0.32	0.38	3.7	0.13	0.07	0.53	<0.069	0.2	<0.099	0.48	<0.072	<0.068	<0.1	<0.12	<0.075
MW-109C	9/23/2017	<0.15	<0.13	0.11	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.51	<0.072	<0.068	<0.1	<0.12	<0.075
MW-110A	9/6/2017	<0.75	<0.65	<0.5	880	58	1700	21	58	170	19	5.3	<0.45	4.5	<0.5	430	<0.36	<0.34	<0.5	<0.6	<0.38
MW-110B	9/6/2017	<0.15	<0.13	0.17	0.76	0.7	0.26	2	2.2	<0.074	0.24	2.8	<0.069	0.73	<0.099	0.44	<0.072	<0.068	<0.1	<0.12	<0.075
MW-110C	9/6/2017	<0.15	<0.13	<0.1	0.66	0.83	2.1	<0.054	0.13	0.31	0.08	0.08	<0.069	0.47	<0.099	0.52	<0.072	<0.068	<0.1	<0.12	<0.075
MW-111A	9/7/2017	<0.75	<0.65	2.7	34	5.3	33	4.4	6.5	40	5.9	1.9	<0.45	0.85	0.65	13	<0.36	<0.34	0.75	<0.6	<0.38
MW-111B	9/7/2017	<0.15	<0.13	<0.1	3.1	2	5.2	1.9	2.1	2.8	3.5	1.2	<0.069	0.67	<0.099	1.6	<0.072	<0.068	<0.1	<0.12	<0.075
MW-111C	9/7/2017	<0.15	<0.13	0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-112A	9/6/2017	<0.15	<0.13	<0.1	5.7	5.3	3.2	<0.054	4.3	1.5	0.29	1.2	<0.069	0.53	<0.099	1.7	<0.072	<0.068	<0.1	<0.12	0.15
MW-112B	9/6/2017	<0.75	<0.65	<0.5	2	0.7	2.9	<0.27	0.6	1.6	<0.3	<0.31	<0.45	<0.3	<0.5	1.1	<0.36	<0.34	<0.5	<0.6	<0.38
MW-112C	9/6/2017	<0.75	<0.65	0.9	5.7	1.7	8.1	<0.27	2.6	2.6	<0.3	<0.31	<0.45	0.5	<0.5	1.9	<0.36	<0.34	<0.5	<0.6	<0.38
MW-113A	9/5/2017	<0.15	<0.13	0.62	1.7	3.3	0.6	2.2	4.7	<0.37	1.2	2.4	<0.45	3.7	<0.5	0.78	3.3	<0.34	0.17	<0.12	2.7
MW-113B	9/5/2017	<0.15	<0.13	<0.1	0.11	0.08	0.13	0.16	0.12	<0.074	<0.06	0.1	<0.069	0.14	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-113C	9/5/2017	<0.75	<0.65	<0.5	1.3	0.55	0.85	<0.27	0.5	<0.37	<0.3	0.65	<0.45	0.45	<0.5	0.8	<0.36	<0.34	<0.5	<0.6	<0.38
MW-114A	9/6/2017	<0.15	<0.13	<0.1	0.2	5.7	4.8	0.69	7.5	0.47	0.14	2.5	<0.069	2.3	<0.099	0.33	<0.072	<0.068	<0.1	<0.12	<0.075
MW-114B	9/6/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	0.07	<0.069	0.55	<0.099	<0.054	<0.072	<0.068	<0.1	<0.12	<0.075
MW-114C	9/6/2017	<0.15	<0.13	<0.1	6.3	0.06	16	<0.054	<0.054	3.6	<0.06	<0.062	<0.069	<0.059	<0.099	1.4	<0.072	<0.068	<0.1	<0.12	<0.075
MW-115A	9/23/2017	<0.75	<0.65	0.9	0.4	2.3	0.85	<0.27	1	0.65	<0.3	0.4	<0.45	0.4	<0.5	0.8	<0.36	<0.34	<0.5	<0.6	<0.38
MW-115B	9/23/2017	<0.15	<0.13	<0.1	0.52	2.6	1.5	0.33	1.3	0.96	0.64	0.34	<0.069	0.39	<0.099	0.87	<0.072	<0.068	<0.1	<0.12	<0.075
MW-115C	9/23/2017	<0.15	<0.13	<0.1	2.3	0.8	0.69	<0.054	0.43	1	0.58	0.07	<0.069	0.1	<0.099	0.84	<0.072	<0.068	<0.1	<0.12	<0.075
MW-115D	9/23/2017	<0.15	<0.13	<0.1	0.06	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.41	<0.072	<0.068	<0.1	<0.12	<0.075
MW-116A	9/23/2017	<0.15	<0.13	<0.1	0.13	0.54	<0.11	0.51	0.82	<0.074	0.15	0.92	<0.069	0.42	<0.099	0.34	<0.072	<0.068	<0.1	<0.12	<0.075
MW-116B	9/23/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.14	<0.072	<0.068	<0.1	<0.12	<0.075
MW-116C	9/23/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.15	<0.072	<0.068	<0.1	<0.12	<0.075
MW-117A	9/24/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.18	<0.072	<0.068	<0.1	<0.12	<0.075
MW-117B	9/24/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	<0.054	<0.072	<0.068	<0.1	<0.12	<0.075
MW-117C	9/24/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.32	<0.072	<0.068	<0.1	<0.12	<0.075
MW-117D	9/24/2017	<0.15	<0.13	0.12	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.4	<0.072	<0.068	<0.1	<0.12	<0.075
MW-131	9/24/2017	<3	<2.6	2.8	4	3.8	3.4	3	4.2	<1.5	3.2	1.8	<1.8	1.2	<2	2	<1.5	<1.4	<2	<2.4	<1.5
MW-132	9/27/2017	<0.75	<0.65	4.4	22	8.2	15	<0.27	8.1	5.5	0.65	2	<0.45	1.7	<0.5	4.8	<0.36	<0.34	<0.5	<0.6	<0.38
MW-133	9/27/2017	<0.75	<0.65	1.4	8.5	4.4	1.8	<0.27	4.6	<0.37	<0.3	0.7	<0.45	1.2	<0.5	1.5	<0.36	<0.34	<0.5	<0.6	<0.38
MW-135	9/24/2017	<1.5	<1.3	1.2	3.7	6.3	2.5	1.8	4.4	1.6	1.2	1.7	<0.89	1.3	<0.99	1.3	<0.72	<0.68	<1	<1.2	<0.75
MW-301A	10/23/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	<0.054	<0.072	<0.068	<0.1	<0.12	<0.075
MW-301B	10/23/2017	<0.75	<0.65	3.5	40	14	53	10	17	25	14	4.7	<0.45	2.5	<0.5	14	<0.36	<0.34	<0.5	<0.6	<0.38
MW-302	9/28/2017	<1.5	<1.3	20	160	31	55	6.7	37	65	7.5	4.2	<0.89	3.7	<0.99	27	<0.72	<0.68	<1	<1.2	<0.75
MW-303	9/29/2017	<0.15	<0.13	<0.1	9.7	16	1.6	2.4	18	0.55	<0.3	8.9	<0.45	5.1	<0.099	0.89	<0.072	<0.068	<0.1	<0.12	<0.075
MW-304	9/24/2017	<7.5	<6.5	6.5	4	<2.6	<5.5	<2.7	3	<3.7	<3	<3.1	<4.5	<3	<5	<2.7	<3.6	<3.4	<5	<5	<3.8
MW-305	9/27/2017	<0.75	<0.65	1.1	1.9	0.45	0.7	<0.27	0.3	0.7	<0.3	<0.31	<0.45	<0.3	<0.5	<0.27	<0.36	<0.34	<0.5	<0.6	<0.38
MW-306B	9/29/2017	<0.75	<0.65	<0.5	12	0.55	51	<0.27	<0.27	11	<0.3	<0.31	<0.45	<0.3	<0.5	2.6	<0.36	<0.34	<0.5	<0.6	<0.38
MW-307A	9/26/2017	<0.75	<0.65	0.8	<0.25	<0.26	<0.55	<0.27	<0.27	<0.37	<0.3	<0.31	<0.45	0.95	<0.5	0.4	<0.36	<0.34	<0.5	<0.6	<0.38
MW-307B	9/26/2017	<0.15	<0.13	0.19	<0.05	0.07	0.11	0.07	0.08	<0.074	<0.06	0.14	<0.069	0.82	<0.099	0.4	<0.072	<0.068	<0.1	<0.12	<0.075
MW-308	9/28/2017	<0.15	<0.13	<0.1	0.14	2	0.11	0.13	1.6	0.26	0.09	0.61	<0.069	0.6	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-309	9/29/2017	<0.15	<0.13	0.12	0.08	1.8	0.24	<0.054	0.17	0.31	<0.06	0.54	<0.069	2.6	<0.099	0.39	<0.072	<0.068	<0.1	<0.12	<0.075
MW-310A	9/28/2017	<0.15	<0.13	0.18	7.9	13	2.1	0.42	6.5	2.9	0.55	0.52	<0.069	0.63	<0.099	2.3	<0.072	<0.068	0.11	<0.12	<0.075
MW-310B	9/28/2017	<0.15	<0.13	0.19	0.14	0.14	<0.11	<0.054	0.06	0.09	<0.06	0.19	<0.069	0.25	<0.099	0.4	<0.072	<0.068	<0.1	<0.12	<0.075
MW-311A	9/29/2017	<0.15	<0.13	0.12	0.05	0.2	<0.11	<0.054	<0.054	<0.074	<0.06	0.14	<0.069	1.9	<0.099	0.43	<0.072	<0.068	<0.1	<0.12	<0.075
MW-311B	9/29/2017	<0.75	<0.65	0.55	<0.25	<0.26	<0.55	<0.27	<0.27	<0.37	<0.3	<0.31	<0.45	1.2	<0.5	<0.27	<0.36	<0.34	<0.5	<0.6	<0.38
MW-312A	9/29/2017	<0.15	<0.13	0.1	0.05	1.3	0.18	<0.054	0.25	<0.074	<0.06	0.13	<0.069	0.56	<0.099	0.41	0.09	<0.068	<0.1	<0.12	<0.075
MW-312B	9/29/2017	<1.5	<1.3	1.3	1.4	4.2	<1.1	<0.54	5	<0.74	<0.6	<0.62	<0.89	0.7	<0.99	0.7	<0.72	<0.68	<1	<1.2	<0.75
MW-313A	9/29/2017	<1.5	<1.3	1.2	<0.5	<0.51	<1.1	<0.54	<0.54	<0.74	<0.6	<0.62	<0.89	<0.59	<0.99	<0.54	<0.72	<0.68	<1	<1.2	<0.75
MW-313B	9/29/2017	<0.15	<0.13	0.2	2.2	1.9	12	1.9	3.3	2.9	4	1.4	<0.069	2.2	<0.099	2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-314A	9/25/2017	<0.15	<0.13	0.11	<0.05	0.32	<0.11	<0.054	<0.054	<0.074	<0.06	0.12	<0.069	0.09	<0.099	0.2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-314B	9/25/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.09	<0.072	<0.068	<0.1	<0.12	<0.075
MW-351A	9/30/2017	<0.15	<0.13	0.11	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.069	<0.059	<0.099	0.46	<0.072	<0.068	<0.1	<0.12	<0.075
MW-351B	9/30/2017	<0.15	<0.13	<0.1	<0.05	<0.051	0.12	<0.054	<0.054	0.12	<0.06	<0.062	<0.069	<0.059	<0.099	0.45	<0.072	<0.068	<0.1	<0.12	<0.075

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,1-Dichloropropene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3-Dichloropropane (µg/L)	1,4-Dichlorobenzene (µg/L)	2,2-Dichloropropane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chlorotoluene (µg/L)
MW-352A	10/1/2017	<0.11	<0.075	<0.16	<0.14	3.6	0.84	0.29	<0.11	<0.2	1.2	<0.22	<0.1	<0.08	0.11	0.37	<0.14	<0.065	<1.9	<0.1
MW-352B	10/1/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	0.41	<0.22	<0.1	<0.08	<0.065	0.16	<0.14	<0.065	<1.9	<0.1
MW-352D	10/1/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-353A	9/25/2017	<11	<7.5	<16	<14	<7.7	<8	<8.9	<11	<20	53	<22	<10	<8	<9.5	29	<14	<6.5	<190	<10
MW-353B	9/25/2017	<5.5	<3.8	<8	<7	<3.9	<4	<4.5	<5.5	<10	<3.5	<11	<5	<4	<4.8	<4.5	<7	<3.3	<95	<5
MW-354A	9/5/2017	<0.11	<0.075	<0.16	<0.14	0.15	<0.08	<0.089	<0.11	<0.2	0.23	<0.22	<0.1	<0.08	<0.065	0.49	<0.14	<0.065	<1.9	0.32
MW-354B	9/5/2017	<0.11	<0.075	<0.16	<0.14	0.08	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-355A	9/28/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-355B	9/28/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-356A	9/24/2017	<0.11	<0.075	<0.16	<0.14	1.1	<0.08	<0.089	<0.11	<0.2	9.9	<0.22	<0.1	<0.08	<0.065	2.6	<0.14	<0.065	<1.9	0.44
MW-356B	9/24/2017	<5.5	<3.8	<8	<7	<3.9	<4	<4.5	<5.5	<10	<3.5	<11	<5	<4	<4.8	<4.5	<7	<3.3	<95	<5
MW-357A	9/23/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	1.4	<1.1	<0.5	<0.4	<0.48	0.8	<0.7	<0.33	<9.5	<0.5
MW-357B	9/23/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-358A	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	0.34
MW-358B	9/6/2017	<0.55	<0.38	<0.8	<0.7	0.85	<0.4	<0.45	<0.55	<1	150	<1.1	<0.5	<0.4	<0.48	66	<0.7	<0.33	<9.5	10
MW-358D	9/6/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-359A	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-359B	9/24/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	0.1	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-360D	9/25/2017	<2.2	<1.5	<3.2	<2.8	<1.6	<1.6	<1.8	<2.2	<4	<1.4	<4.4	<2	<1.6	<1.9	<1.8	<2.8	<1.3	<38	<2
MW-501A	9/22/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	0.07	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-501B	9/22/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	0.1	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-502A	9/22/2017	<0.11	<0.075	<0.16	<0.14	2.4	<0.08	<0.089	<0.11	<0.2	3.1	<0.22	<0.1	<0.08	0.41	0.84	<0.14	<0.065	<1.9	0.17
MW-502B	9/22/2017	<0.11	<0.075	<0.16	<0.14	1	<0.08	<0.089	<0.11	<0.2	0.99	<0.22	<0.1	<0.08	<0.065	0.33	<0.14	<0.065	<1.9	<0.1
MW-503A	9/22/2017	<0.11	<0.075	<0.16	<0.14	1.5	0.1	0.1	<0.11	<0.2	0.58	<0.22	<0.1	<0.08	0.33	0.36	<0.14	<0.065	<1.9	0.15
MW-503B	9/22/2017	<0.55	<0.38	<0.8	<0.7	4.2	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	0.8	<0.45	<0.7	<0.33	<9.5	<0.5
MW-504A	9/21/2017	<0.55	<0.38	<0.8	<0.7	1.2	<0.4	<0.45	<0.55	<1	1.5	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-504B	9/21/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-505A	9/22/2017	<0.55	<0.38	<0.8	<0.7	1	<0.4	<0.45	<0.55	<1	1.9	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-505B	9/22/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-506A	9/25/2017	<5.5	<3.8	<8	<7	<3.9	<4	<4.5	<5.5	<10	69	<11	<5	<4	<4.8	34	<7	<3.3	<95	<5
MW-506B	9/25/2017	<2.2	<1.5	<3.2	<2.8	4.6	<1.6	<1.8	<2.2	<4	2	<4.4	<2	<1.6	<1.9	<1.8	<2.8	<1.3	<38	<2
MW-507A	9/26/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	12	<2.2	<1	<0.8	<0.95	5.3	<1.4	<0.65	<19	<1
MW-507B	9/26/2017	<1.1	<0.75	<1.6	<1.4	1.3	<0.8	<0.89	<1.1	<2	25	<2.2	<1	<0.8	<0.95	3.9	<1.4	<0.65	<19	<1
MW-508A	9/23/2017	<0.11	<0.075	<0.16	<0.14	0.25	<0.08	<0.089	<0.11	<0.2	16	<0.22	<0.1	<0.08	0.21	8.7	<0.14	<0.065	<1.9	<0.1
MW-508B	9/23/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	18	<1.1	<0.5	<0.4	<0.48	5.9	<0.7	<0.33	<9.5	<0.5
MW-509A	9/23/2017	<0.11	<0.075	<0.16	<0.14	0.77	0.09	<0.089	<0.11	<0.2	10	<0.22	<0.1	<0.08	0.17	5.3	<0.14	<0.065	<1.9	0.26
MW-509B	9/23/2017	<0.55	<0.38	<0.8	<0.7	1.2	<0.4	<0.45	<0.55	<1	10	<1.1	<0.5	<0.4	<0.48	3.3	<0.7	<0.33	<9.5	<0.5
MW-510A	9/25/2017	<5.5	<3.8	<8	<7	<3.9	<4	<4.5	<5.5	<10	<3.5	<11	<5	<4	<4.8	<4.5	<7	<3.3	<95	<5
MW-510B	9/25/2017	<2.2	<1.5	<3.2	<2.8	<1.6	<1.6	<1.8	<2.2	<4	<1.4	<4.4	<2	<1.6	<1.9	<1.8	<2.8	<1.3	<38	<2
MW-511A	9/25/2017	<22	<15	<32	<28	<16	<16	<18	<22	<40	<14	<44	<20	<16	<19	<18	<28	<13	<380	<20
MW-511B	9/25/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-512A	9/26/2017	<0.11	<0.075	<0.16	<0.14	0.16	<0.08	<0.089	<0.11	<0.2	0.3	<0.22	<0.1	<0.08	<0.065	22	<0.14	<0.065	<1.9	<0.1
MW-512B	9/26/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	<0.35	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-513A	9/30/2017	<1.1	<0.75	<1.6	<1.4	0.8	<0.8	<0.89	<1.1	<2	0.9	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-513B	9/30/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	<0.69	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-514A	10/1/2017	<0.11	<0.075	<0.16	<0.14	0.73	0.26	0.1	<0.11	<0.2	0.57	<0.22	<0.1	<0.08	<0.065	0.22	<0.14	<0.065	<1.9	<0.1
MW-514B	10/1/2017	<0.11	<0.075	<0.16	<0.14	<0.077	<0.08	<0.089	<0.11	<0.2	<0.069	<0.22	<0.1	<0.08	<0.065	<0.089	<0.14	<0.065	<1.9	<0.1
MW-515A	9/30/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	5	<2.2	<1	<0.8	<0.95	1.2	<1.4	<0.65	<19	<1
MW-515B	9/30/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	3.4	<2.2	<1	<0.8	<0.95	1.3	<1.4	<0.65	<19	<1
MW-516A	10/2/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	3.9	<2.2	<1	<0.8	<0.95	0.9	<1.4	<0.65	<19	<1
MW-516B	10/2/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	10	<1.1	<0.5	<0.4	<0.48	3.3	<0.7	<0.33	<9.5	<0.5
MW-517A	10/24/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	5.3	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-517B	10/24/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	2.9	<2.2	<1	<0.8	<0.95	<0.89	<1.4	<0.65	<19	<1
MW-518A	10/2/2017	<1.1	<0.75	<1.6	<1.4	<0.77	<0.8	<0.89	<1.1	<2	3.8	<2.2	<1	<0.8	<0.95	1.3	<1.4	<0.65	<19	<1
MW-518B	10/2/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	1	<1.1	<0.5	<0.4	<0.48	0.45	<0.7	<0.33	<9.5	<0.5
MW-519A	10/24/2017	<0.55	<0.38	<0.8	<0.7	<0.39	<0.4	<0.45	<0.55	<1	0.75	<1.1	<0.5	<0.4	<0.48	<0.45	<0.7	<0.33	<9.5	<0.5
MW-519B	10/24/2017	<0.11	<0.075	<0.16	<0.14	0.17	<0.08	<0.089	<0.11	<0.2	0.66	<0.22	<0.1	<0.08	<0.065	0.18	<0.14	<0.065	<1.9	<0.1

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	2-Butanone	4-Chlorotoluene	4-Isopropyl-1-methylbenzene	Acetone	Benzene	Bromobenzene	Bromochloroacetic acid	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-352A	10/1/2017	<2.7	<0.13	<2.6	<3.3	1.1	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	1.3	<0.16	<0.072	<0.068	5.3	<0.18	<0.14
MW-352B	10/1/2017	<2.7	<0.13	<2.6	13	0.53	<0.12	<0.16	<0.091	<0.16	<0.16	0.23	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-352D	10/1/2017	<2.7	<0.13	<2.6	4.2	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-353A	9/25/2017	<270	<13	<260	<330	<5.2	<12	<16	<9.1	<16	<16	<6.9	<9.6	430	<16	<7.2	<6.8	<6.7	<18	<14
MW-353B	9/25/2017	<140	<6.5	<130	<170	<3.1	<6	<8	<4.6	<8	<8	<3.5	<4.8	<5.5	<8	<3.6	<3.4	<3.4	<9	<7
MW-354A	9/5/2017	<2.7	<0.13	<2.6	5.7	1.4	<0.12	<0.16	<0.091	<0.16	<0.16	0.16	<0.096	160	<0.16	<0.072	<0.068	0.1	<0.18	<0.14
MW-354B	9/5/2017	<2.7	<0.13	<2.6	5.6	0.08	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	1.1	<0.16	<0.072	0.09	<0.067	<0.18	<0.14
MW-355A	9/28/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.09	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-355B	9/28/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.08	<0.096	<0.11	<0.16	<0.072	0.13	<0.067	<0.18	<0.14
MW-356A	9/24/2017	<2.7	<0.13	<2.6	7	7.8	<0.12	<0.16	<0.091	<0.16	<0.16	0.33	<0.096	<0.11	<0.16	<0.072	<0.068	6.3	<0.18	<0.14
MW-356B	9/24/2017	<140	<6.5	<130	<170	<3.1	<6	<8	<4.6	<8	<8	<3.5	<4.8	<5.5	<8	<3.6	<3.4	<3.4	<9	<7
MW-357A	9/23/2017	<14	<0.65	<13	<17	2.9	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	120	<0.8	<0.36	<0.34	0.5	<0.9	<0.7
MW-357B	9/23/2017	<2.7	<0.13	<2.6	5.9	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	0.17	1.6	<0.072	<0.068	<0.067	<0.18	<0.14
MW-358A	9/6/2017	<2.7	<0.13	<2.6	5.3	0.18	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	5.6	<0.16	<0.072	0.23	0.11	<0.18	<0.14
MW-358B	9/6/2017	<14	<0.65	<13	86	3.1	<0.6	<0.8	<0.46	<0.8	<0.8	0.9	<0.48	22	<0.8	<0.36	<0.34	0.5	<0.9	<0.7
MW-358D	9/6/2017	<2.7	<0.13	<2.6	<3.3	0.82	<0.12	<0.16	<0.091	<0.16	<0.16	0.08	<0.096	<0.11	<0.16	<0.072	0.07	0.3	<0.18	<0.14
MW-359A	9/24/2017	<2.7	<0.13	<2.6	4.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	0.39	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-359B	9/24/2017	<2.7	<0.13	<2.6	<3.3	<0.062	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-360D	9/25/2017	<54	<2.6	<52	<66	<1.3	<2.4	<3.2	<1.9	<3.2	<3.2	5.2	<2	<2.2	<3.2	<1.5	<1.4	<1.4	<3.6	<2.8
MW-501A	9/22/2017	<2.7	<0.13	<2.6	<3.3	0.21	<0.12	<0.16	<0.091	<0.16	<0.16	0.16	<0.096	0.25	<0.16	<0.072	<0.068	0.16	<0.18	<0.14
MW-501B	9/22/2017	<2.7	<0.13	<2.6	<3.3	0.81	<0.12	<0.16	<0.091	<0.16	<0.16	0.12	<0.096	<0.11	<0.16	<0.072	<0.068	<0.067	<0.18	<0.14
MW-502A	9/22/2017	5.2	<0.13	<2.6	<3.3	1	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	0.46	<0.16	<0.072	<0.068	2.3	<0.18	<0.14
MW-502B	9/22/2017	<2.7	<0.13	<2.6	<3.3	0.48	<0.12	<0.16	<0.091	<0.16	<0.16	0.08	<0.096	0.3	<0.16	<0.072	<0.068	1.4	<0.18	<0.14
MW-503A	9/22/2017	<2.7	<0.13	<2.6	5	1.1	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	0.52	<0.16	<0.072	<0.068	2.8	<0.18	<0.14
MW-503B	9/22/2017	<14	<0.65	<13	<17	1.4	<0.6	<0.8	<0.46	<0.8	<0.8	0.45	<0.48	<0.55	<0.8	<0.36	<0.34	3.9	<0.9	<0.7
MW-504A	9/21/2017	<14	<0.65	<13	18	2.3	<0.6	<0.8	<0.46	<0.8	<0.8	0.5	<0.48	<0.55	14	<0.36	<0.34	1.9	<0.9	<0.7
MW-504B	9/21/2017	<14	<0.65	<13	20	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	<0.55	10	<0.36	<0.34	<0.34	<0.9	<0.7
MW-505A	9/22/2017	<14	<0.65	<13	<17	1.3	<0.6	<0.8	<0.46	<0.8	<0.8	0.75	<0.48	<0.55	<0.8	<0.36	<0.34	3.1	<0.9	<0.7
MW-505B	9/22/2017	<14	<0.65	<13	<17	<0.31	<0.6	<0.8	<0.46	<0.8	<0.8	0.45	<0.48	<0.55	<0.8	<0.36	<0.34	1	<0.9	<0.7
MW-506A	9/25/2017	<140	<6.5	<130	<170	<3.1	<6	<8	<4.6	<8	<8	<3.5	<4.8	94	<8	<3.6	<3.4	<3.4	<9	<7
MW-506B	9/25/2017	<54	<2.6	<52	<66	2.4	<2.4	<3.2	<1.9	<3.2	<3.2	<1.4	<2	<2.2	<3.2	<1.5	<1.4	2.6	<3.6	<2.8
MW-507A	9/26/2017	<27	<1.3	<26	<33	2.7	<1.2	<1.6	<0.91	<1.6	<1.6	1.8	<0.96	8.5	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-507B	9/26/2017	<27	<1.3	<26	<33	3.1	<1.2	<1.6	<0.91	<1.6	<1.6	0.7	<0.96	5.5	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-508A	9/23/2017	<2.7	<0.13	<2.6	<3.3	3.6	<0.12	<0.16	<0.091	<0.16	<0.16	0.46	<0.096	76	<0.16	<0.072	<0.068	0.42	<0.18	<0.14
MW-508B	9/23/2017	<14	<0.65	<13	<17	2.4	<0.6	<0.8	<0.46	<0.8	<0.8	1.6	<0.48	<0.55	<0.8	<0.36	<0.34	0.9	<0.9	<0.7
MW-509A	9/23/2017	<2.7	0.54	<2.6	6.2	2.2	<0.12	<0.16	<0.091	<0.16	<0.16	0.17	<0.096	37	<0.16	<0.072	<0.068	1.2	<0.18	<0.14
MW-509B	9/23/2017	<14	<0.65	<13	<17	4	<0.6	<0.8	<0.46	<0.8	<0.8	0.8	<0.48	<0.55	<0.8	<0.36	<0.34	1.3	<0.9	<0.7
MW-510A	9/25/2017	<140	<6.5	<130	<170	3.5	<6	<8	<4.6	<8	<8	<3.5	<4.8	<5.5	<8	<3.6	<3.4	<3.4	<9	<7
MW-510B	9/25/2017	<54	<2.6	<52	<66	<1.3	<2.4	<3.2	<1.9	<3.2	<3.2	<1.4	<2	<2.2	<3.2	<1.5	<1.4	<1.4	<3.6	<2.8
MW-511A	9/25/2017	<540	<26	<520	<660	<13	<24	<32	<19	<32	<32	<14	<20	1100	<32	<15	<14	<14	<36	<28
MW-511B	9/25/2017	<27	<1.3	<26	<33	<0.62	<1.2	<1.6	<0.91	<1.6	<1.6	<0.69	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-512A	9/26/2017	<2.7	<0.13	<2.6	<3.3	2.9	<0.12	<0.16	<0.091	<0.16	<0.16	0.1	<0.096	220	<0.16	<0.072	<0.068	0.4	<0.18	<0.14
MW-512B	9/26/2017	<14	<0.65	<13	<17	0.7	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	<0.55	<0.8	<0.36	<0.34	0.45	<0.9	<0.7
MW-513A	9/30/2017	<27	<1.3	<26	<33	1	<1.2	<1.6	<0.91	<1.6	<1.6	<0.69	<0.96	<1.1	<1.6	0.8	<0.68	1.4	<1.8	<1.4
MW-513B	9/30/2017	<27	<1.3	<26	140	0.7	<1.2	<1.6	<0.91	<1.6	<1.6	<0.69	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-514A	10/1/2017	<2.7	<0.13	<2.6	6.5	0.59	<0.12	<0.16	<0.091	<0.16	<0.16	0.19	<0.096	0.86	<0.16	<0.072	<0.068	3.9	<0.18	<0.14
MW-514B	10/1/2017	<2.7	<0.13	<2.6	<3.3	0.12	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	0.08	<0.18	<0.14
MW-515A	9/30/2017	<27	<1.3	<26	<33	1.5	<1.2	<1.6	<0.91	<1.6	<1.6	1.2	<0.96	<1.1	<1.6	<0.72	<0.68	1.2	<1.8	<1.4
MW-515B	9/30/2017	<27	<1.3	<26	<33	2.3	<1.2	<1.6	<0.91	<1.6	<1.6	0.7	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-516A	10/2/2017	<27	<1.3	<26	<33	2.6	<1.2	<1.6	<0.91	<1.6	<1.6	<0.69	<0.96	<1.1	<1.6	<0.72	<0.68	1	<1.8	<1.4
MW-516B	10/2/2017	<14	<0.65	<13	33	2	<0.6	<0.8	<0.46	<0.8	<0.8	0.65	<0.48	8.9	<0.8	<0.36	<0.34	0.45	<0.9	<0.7
MW-517A	10/24/2017	<27	<1.3	<26	<33	1	<1.2	<1.6	<0.91	<1.6	<1.6	1	<0.96	<1.1	<1.6	1.2	<0.68	1.4	<1.8	<1.4
MW-517B	10/24/2017	<27	<1.3	<26	<33	2.1	<1.2	<1.6	<0.91	<1.6	<1.6	<0.69	<0.96	<1.1	<1.6	1.4	<0.68	<0.67	<1.8	<1.4
MW-518A	10/2/2017	<27	<1.3	<26	<33	2	<1.2	<1.6	<0.91	<1.6	<1.6	1.1	<0.96	<1.1	<1.6	<0.72	<0.68	<0.67	<1.8	<1.4
MW-518B	10/2/2017	<14	<0.65	<13	<17	2.1	<0.6	<0.8	<0.46	<0.8	<0.8	0.35	<0.48	51	<0.8	<0.36	<0.34	0.5	<0.9	<0.7
MW-519A	10/24/2017	<14	<0.65	<13	<17	1.2	<0.6	<0.8	<0.46	<0.8	<0.8	<0.35	<0.48	0.8	<0.8	0.5	<0.34	0.75	<0.9	<0.7
MW-519B	10/24/2017	<2.7	<0.13	<2.6	<3.3	0.46	<0.12	<0.16	<0.091	<0.16	<0.16	<0.069	<0.096	<0.11	<0.16	<0.072	<0.068	0.36	<0.18	<0.14

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2017

Location	Date Sampled	Dichloromethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Carbon tetrachloride (µg/L)	Methylene chloride (µg/L)	Vinyl chloride (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloroethene (total) (µg/L)	1,2-Dichloroethene (cis) (µg/L)	1,2-Dichloroethene (trans) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	Trichloroethene (cis-1,2-dichloroethene) (µg/L)	Trichloroethene (trans-1,2-dichloroethene) (µg/L)
MW-352A	10/1/2017	<0.15	<0.13	<0.1	0.93	1.1	0.55	1.6	0.54	0.28	9.3	1.2	<0.089	1.2	0.46	1.1	0.34	<0.068	13	<0.12	0.67
MW-352B	10/1/2017	<0.15	<0.13	<0.1	0.54	0.18	0.42	0.08	0.15	0.5	0.88	<0.062	<0.089	0.08	<0.099	0.6	<0.072	<0.068	<0.1	<0.12	<0.075
MW-352D	10/1/2017	<0.15	<0.13	0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-353A	9/25/2017	<15	<13	16	10	15	29	10	32	9	<6	10	<8.9	<5.9	<9.9	<5.4	<7.2	<6.8	<10	<12	<7.5
MW-353B	9/25/2017	<7.5	<6.5	6.5	<2.5	<2.6	<5.5	<2.7	<2.7	<3.7	<3	<3.1	<4.5	<3	<5	<2.7	<3.6	<3.4	<5	<6	<3.8
MW-354A	9/5/2017	<0.15	<0.13	0.1	0.46	1.9	0.59	0.53	1.7	0.31	0.31	29	<0.089	22	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-354B	9/5/2017	<0.15	<0.13	<0.1	0.05	<0.051	<0.11	<0.054	0.08	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.07	<0.072	<0.068	<0.1	<0.12	<0.075
MW-355A	9/28/2017	<0.15	<0.13	0.12	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.41	<0.072	<0.068	<0.1	<0.12	<0.075
MW-355B	9/28/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.23	<0.072	<0.068	<0.1	<0.12	<0.075
MW-356A	9/24/2017	<0.15	<0.13	<0.1	24	6.2	5.2	1.6	6.1	3.4	3.3	1.1	<0.089	0.64	<0.099	3.4	<0.072	<0.068	<0.1	<0.12	0.53
MW-356B	9/24/2017	<7.5	<6.5	5.5	<2.5	<2.6	<5.5	<2.7	<2.7	<3.7	<3	<3.1	<4.5	<3	<5	<2.7	<3.6	<3.4	<5	<6	<3.8
MW-357A	9/23/2017	<0.75	<0.65	0.85	4.8	1.6	1.5	0.75	2.1	0.75	0.9	0.8	<0.45	0.4	<0.5	0.8	<0.36	<0.34	<0.5	<0.6	<0.38
MW-357B	9/23/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.15	<0.072	<0.068	<0.1	<0.12	<0.075
MW-358A	9/6/2017	<0.15	<0.13	<0.1	<0.05	<0.051	0.12	<0.054	<0.054	0.21	<0.06	<0.062	<0.089	0.1	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-358B	9/6/2017	<0.75	<0.65	<0.5	9.4	7.4	52	4.5	17	18	8.8	5.3	<0.45	2.5	<0.5	1.7	<0.36	<0.34	<0.5	<0.6	<0.38
MW-358D	9/6/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.19	<0.072	<0.068	<0.1	<0.12	0.13
MW-359A	9/24/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	<0.054	<0.074	<0.06	<0.062	<0.089	<0.059	<0.099	0.12	<0.072	<0.068	<0.1	<0.12	<0.075
MW-359B	9/24/2017	<0.15	<0.13	<0.1	<0.05	<0.051	<0.11	<0.054	0.06	0.09	0.09	<0.062	<0.089	<0.059	<0.099	0.38	<0.072	<0.068	<0.1	<0.12	<0.075
MW-360D	9/25/2017	<3	<2.6	<2	<1	<1.1	<2.2	<1.1	<1.1	<1.5	<1.2	<1.3	<1.8	<1.2	<2	<1.1	<1.5	<1.4	<2	<2.4	<1.5
MW-501A	9/22/2017	<0.15	<0.13	<0.1	0.35	1.7	0.18	<0.054	0.73	0.17	0.08	0.4	<0.089	0.68	<0.099	0.22	<0.072	<0.068	<0.1	<0.12	<0.075
MW-501B	9/22/2017	<0.15	<0.13	<0.1	0.98	0.32	0.13	0.1	0.27	0.18	0.29	0.12	<0.089	0.14	<0.099	0.31	<0.072	<0.068	<0.1	<0.12	<0.075
MW-502A	9/22/2017	<0.15	<0.13	<0.1	4.5	0.89	0.84	0.53	1	1.1	1.2	0.27	<0.089	0.32	<0.099	0.71	<0.072	<0.068	<0.1	<0.12	<0.075
MW-502B	9/22/2017	<0.15	<0.13	<0.1	1.9	0.71	0.36	0.74	0.97	0.18	2.9	0.41	<0.089	0.37	<0.099	0.38	<0.072	<0.068	<0.1	<0.12	<0.075
MW-503A	9/22/2017	<0.15	<0.13	0.13	2.2	2.3	0.65	0.48	1.4	0.94	0.27	2.5	<0.089	1.7	0.5	0.8	1.3	<0.068	3.8	<0.12	<0.075
MW-503B	9/22/2017	<0.75	<0.65	0.85	0.8	2.8	<0.55	0.6	0.65	1.1	<0.3	1.1	<0.45	1.4	0.65	0.55	0.9	<0.34	2.1	<0.6	1.8
MW-504A	9/21/2017	<0.75	<0.65	<0.5	1.7	1.2	1.2	0.55	1.4	1.3	1.7	0.5	<0.45	0.45	<0.5	2.5	0.4	<0.34	<0.5	<0.6	<0.38
MW-504B	9/21/2017	<0.75	<0.65	0.5	<0.25	<0.26	<0.55	<0.27	<0.27	<0.37	0.4	<0.31	<0.45	<0.3	<0.5	0.45	<0.36	<0.34	<0.5	<0.6	<0.38
MW-505A	9/22/2017	<0.75	<0.65	0.9	1.9	0.95	0.65	0.5	1.4	1.6	1.8	0.55	<0.45	0.4	<0.5	0.85	0.6	<0.34	<0.5	<0.6	<0.38
MW-505B	9/22/2017	<0.75	<0.65	0.7	0.5	<0.26	<0.55	<0.27	0.3	<0.37	0.3	<0.31	<0.45	<0.3	<0.5	<0.27	<0.36	<0.34	<0.5	<0.6	<0.38
MW-506A	9/25/2017	<7.5	<6.5	6.5	6.5	9	33	11	21	12	<3	11	<4.5	3	<5	3	<3.6	<3.4	<5	<6	<3.8
MW-506B	9/25/2017	<3	<2.6	3.4	<1	1.2	<2.2	<1.1	<1.1	<1.5	<1.2	<1.3	<1.8	<1.2	<2	<1.1	<1.5	<1.4	<2	<2.4	<1.5
MW-507A	9/26/2017	<1.5	<1.3	1.7	5.7	1.9	6.9	2.2	3.9	4.3	2	2.9	<0.89	0.6	<0.99	1.2	<0.72	<0.68	<1	<1.2	<0.75
MW-507B	9/26/2017	<1.5	<1.3	1.8	3.5	2.5	<1.1	1.7	5.9	<0.74	<0.6	3.4	<0.89	1	<0.99	1.1	<0.72	<0.68	<1	<1.2	<0.75
MW-508A	9/23/2017	<0.15	<0.13	<0.1	3.9	2.1	11	2.4	3.1	4.1	2.7	2	<0.089	0.66	<0.099	1.2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-508B	9/23/2017	<0.75	<0.65	0.75	4.3	3.1	2.3	<0.27	3.2	1.8	0.5	<0.31	<0.45	0.3	<0.5	0.95	<0.36	<0.34	<0.5	<0.6	<0.38
MW-509A	9/23/2017	<0.15	<0.13	0.15	4.1	4.4	1.3	7.2	9.9	0.79	1.3	23	<0.089	13	<0.099	0.91	0.41	<0.068	0.11	<0.12	0.22
MW-509B	9/23/2017	<0.75	<0.65	0.95	4.1	3.2	4.1	0.75	3.7	2.3	0.5	1.2	<0.45	0.65	<0.5	0.85	<0.36	<0.34	<0.5	<0.6	<0.38
MW-510A	9/25/2017	<7.5	<6.5	8	<2.5	<2.6	<5.5	<2.7	<2.7	<3.7	<3	<3.1	<4.5	<3	<5	3.5	<3.6	<3.4	<5	<6	<3.8
MW-510B	9/25/2017	<3	<2.6	3.4	<1	<1.1	<2.2	<1.1	<1.1	<1.5	<1.2	<1.3	<1.8	<1.2	<2	<1.1	<1.5	<1.4	<2	<2.4	<1.5
MW-511A	9/25/2017	<30	<26	30	<10	12	<22	<11	14	<15	<12	<13	<18	<12	<20	<11	<15	<14	<20	<24	<15
MW-511B	9/25/2017	<1.5	<1.3	1.7	<0.5	<0.51	<1.1	<0.54	<0.54	<0.74	<0.6	<0.62	<0.89	<0.59	<0.99	<0.54	<0.72	<0.68	<1	<1.2	<0.75
MW-512A	9/26/2017	<0.15	<0.13	<0.1	6.8	3.2	0.18	2.3	5.8	0.17	0.62	2.2	<0.089	1.2	<0.099	0.2	<0.072	<0.068	<0.1	<0.12	<0.075
MW-512B	9/26/2017	<0.75	<0.65	0.85	0.65	<0.26	<0.55	<0.27	0.4	0.4	<0.3	<0.31	<0.45	<0.3	<0.5	0.75	<0.36	<0.34	<0.5	<0.6	<0.38
MW-513A	9/30/2017	<1.5	<1.3	1.1	3	<0.51	1.1	<0.54	<0.54	1.6	<0.6	<0.62	<0.89	<0.59	<0.99	1.9	<0.72	<0.68	<1	<1.2	<0.75
MW-513B	9/30/2017	<1.5	<1.3	1.1	<0.5	<0.51	<1.1	<0.54	<0.54	<0.74	0.7	<0.62	<0.89	<0.59	<0.99	1.3	<0.72	<0.68	<1	<1.2	<0.75
MW-514A	10/1/2017	<0.15	<0.13	0.1	0.67	0.65	0.18	0.7	0.61	0.47	8.4	0.51	<0.089	0.46	<0.099	1.1	0.29	<0.068	3.7	<0.12	<0.075
MW-514B	10/1/2017	<0.15	<0.13	<0.1	<0.05	0.06	<0.11	<0.054	<0.054	0.1	0.26	0.07	<0.089	0.06	<0.099	0.3	<0.072	<0.068	0.43	<0.12	<0.075
MW-515A	9/30/2017	<1.5	<1.3	1.1	6.2	3	1.8	2.3	3	1.4	3.3	1.1	<0.89	<0.59	<0.99	1.6	<0.72	<0.68	<1	<1.2	<0.75
MW-515B	9/30/2017	<1.5	<1.3	1	6.3	1.6	4.5	<0.54	1.2	6.9	<0.6	<0.62	<0.89	<0.59	<0.99	2.1	<0.72	<0.68	<1	<1.2	1.1
MW-516A	10/2/2017	<1.5	<1.3	1.4	6	2.5	2	1.6	2.5	1.3	3.4	1	<0.89	<0.59	<0.99	1.4	<0.72	<0.68	<1	<1.2	<0.75
MW-516B	10/2/2017	<0.75	<0.65	0.65	3.7	1.6	10	<0.27	1.1	3.2	<0.3	<0.31	<0.45	<0.3	<0.5	1.6	<0.36	<0.34	<0.5	<0.6	<0.38
MW-517A	10/24/2017	<1.5	<1.3	1.4	4.7	2.2	1.5	1.1	2.5	1	7.4	1.1	<0.89	<0.59	<0.99	0.6	<0.72	<0.68	<1	<1.2	<0.75
MW-517B	10/24/2017	<1.5	<1.3	1.8	7.3	2	4.1	<0.54	1.2	8.2	<0.6	<0.62	<0.89	<0.59	<0.99	1	<0.72	<0.68	<1	<1.2	<0.75
MW-518A	10/2/2017	<1.5	<1.3	1.6	5	2.4	4.2	1.3	2.6	1.9	3.9	1	<0.89	<0.59	<0.99	1.3	<0.72	<0.68	<1	<1.2	<0.75
MW-518B	10/2/2017	<0.75	<0.65	0.7	2.5	0.8	0.65	0.4	1.1	<0.37	1.4	0.6	<0.45	0.3	<0.5	0.75	<0.36	<0.34	<0.5	<0.6	<0.38
MW-519A	10/24/2017	<0.75	<0.65	0.85	0.9	1.4	0.6	<0.27	0.7	0.45	0.6	0.35	<0.45	<0.3	<0.5	0.45	<0.36	<0.34	<0.5	<0.6	<0.38
MW-519B	10/24/2017	<0.15	<0.13	<0.1	1.4	0.4	0.52	<0.054	0.17	0.8	0.29	<0.062	<0.089	<0.059	<0.099	0.36	<0.072	<0.068	<0.1	<0.12	<0.075

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,1-Dichloropropene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichlorobenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,3-Dichloropropane (µg/L)	1-Butanone (MEK) (µg/L)	2-Chlorotoluene (µg/L)
HWEast1	9/28/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
HWEast2	9/28/2018	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
HWEast3	9/28/2018	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
HWEast4	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWEast5	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWEast6	9/28/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
HWWest1	9/26/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
HWWest2	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWWest3	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWWest4	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWWest5	9/26/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
HWWest6	9/26/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-105A	9/22/2018	<0.07	<0.06	<0.07	<0.06	0.8	<0.06	<0.05	<0.05	<0.1	0.1	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-105B	9/22/2018	<0.7	<0.6	<0.7	<0.6	1	<0.6	<0.5	<0.5	<1	15	<1	<0.6	<0.5	<0.6	2.9	<0.7	<0.5	<6	<0.7
MW-105C	9/22/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
MW-112A	9/22/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	2	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-112B	9/22/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	<1.2	<2	<1.2	<1	<1.2	<1.2	<1.4	<1	<12	<1.4
MW-112C	9/22/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-113A	9/22/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	2.2	<1	<0.6	<0.5	<0.6	1	<0.7	<0.5	<6	<0.7
MW-113B	9/22/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-113C	9/22/2018	<140	<120	<140	<120	<140	<120	<100	<100	<200	1100	<200	<120	<100	<120	270	<140	<100	<1200	<140
MW-115A	9/23/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-115B	9/23/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-115C	9/23/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-115D	9/23/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-351A	9/25/2018	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-351B	9/25/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	<1.2	<2	<1.2	<1	<1.2	<1.2	<1.4	<1	<12	<1.4
MW-352A	9/26/2018	<1.8	<1.5	<1.8	<1.5	6.1	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-352B	9/26/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-352D	9/26/2018	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-353A	9/24/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	45	<5	<3	<2.5	<3	33	<3.5	<2.5	<30	<3.5
MW-353B	9/24/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-354A	9/24/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-354B	9/24/2018	<140	<120	<140	<120	<140	<120	<100	<100	<200	<120	<200	<120	<100	<120	<120	<140	<100	<1200	<140
MW-355A	9/25/2018	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-355B	9/25/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
MW-356A	9/24/2018	<35	<30	<35	<30	<35	<30	<25	<25	<50	<30	<50	<30	<25	<30	<30	<35	<25	<300	<35
MW-356B	9/24/2018	<35	<30	<35	<30	<35	<30	<25	<25	<50	<30	<50	<30	<25	<30	<30	<35	<25	<300	<35
MW-357A	9/24/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	<6	<10	<6	<5	<6	<6	<7	<5	<60	<7
MW-357B	9/24/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-358A	9/25/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-358B	9/25/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	96	<20	<12	<10	<12	46	<14	<10	<120	<14
MW-358D	9/25/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-359A	9/23/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	<6	<10	<6	<5	<6	<6	<7	<5	<60	<7
MW-359B	9/23/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	<6	<10	<6	<5	<6	<6	<7	<5	<60	<7
MW-360D	9/23/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-361A	1/15/2019	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-361B	1/15/2019	<0.07	<0.06	<0.07	<0.06	<0.07	<0.06	<0.05	<0.05	<0.1	<0.06	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-362A	1/15/2019	<0.07	<0.06	<0.07	<0.06	0.09	<0.06	<0.05	<0.05	<0.1	0.1	<0.1	<0.06	<0.05	<0.06	<0.06	<0.07	<0.05	<0.6	<0.07
MW-362B	1/15/2019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	0.5	<0.2	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<1.2	<0.1
MW-501A	9/23/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-501B	9/23/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-502A	9/23/2018	<1.4	<1.2	<1.4	<1.2	2	<1.2	<1	<1	<2	6.8	<2	<1.2	<1	<1.2	2	<1.4	<1	<12	<1.4
MW-502B	9/23/2018	<1.8	<1.5	<1.8	<1.5	2.4	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-503A	9/23/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-503B	9/23/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	<6	<10	<6	5.1	<6	<6	<7	<5	<60	<7
MW-504A	9/22/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-504B	9/22/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-505A	9/22/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-505D	9/22/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-506A	1/11/2019	<0.4	<0.3	<0.4	<0.3	0.8	<0.3	<0.3	<0.3	<0.5	49	<0.5	<0.3	<0.3	0.4	27	<0.4	<0.3	<3	<0.4

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	2-Butanone	4-Chlorobenzene	1-Methyl-2-pentanone	Acetone	Benzene	Bromobenzene	Bromochloromethane acid	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	Dibromomethane	Dichloro-difluoromethane	Methylene chloride
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
HWEast1	9/28/2018	<6	<0.7	<7	<9	<0.5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	<0.5
HWEast2	9/28/2018	<0.6	<0.07	<0.7	<0.9	0.05	<0.06	<0.05	<0.05	<0.3	<0.07	<0.06	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
HWEast3	9/28/2018	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	<0.06	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
HWEast4	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWEast5	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWEast6	9/28/2018	<6	<0.7	<7	<9	<0.5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	<0.5
HWWest1	9/26/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
HWWest2	9/27/2018	<30	<3.5	<35	180	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWWest3	9/27/2018	<30	<3.5	<35	170	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWWest4	9/27/2018	<30	<3.5	<35	77	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWWest5	9/26/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
HWWest6	9/26/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-105A	9/22/2018	<0.6	<0.07	<0.7	23	0.6	<0.06	<0.05	<0.05	<0.3	<0.07	<0.06	<0.07	<0.06	<0.07	<0.09	<0.06	0.2
MW-105B	9/22/2018	<6	<0.7	<7	<9	1	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	0.7
MW-105C	9/22/2018	<6	<0.7	<7	10	<0.5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	<0.5
MW-112A	9/22/2018	<15	<1.8	<18	<23	1.8	<1.5	<1.3	<1.3	<7.5	<1.8	3	<1.8	5.4	<1.8	<2.3	<1.5	<1.3
MW-112B	9/22/2018	<12	<1.4	<14	<18	<1	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	<1.2	<1.4	<1.8	<1.2	<1
MW-112C	9/22/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-113A	9/22/2018	<6	<0.7	<7	<9	3.5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	1.5
MW-113B	9/22/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	22	<1.8	<2.3	<1.5	<1.3
MW-113C	9/22/2018	<1200	<140	<1400	<1800	<100	<120	<100	<100	<600	<140	<120	<140	<120	<140	<180	<120	<100
MW-115A	9/23/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-115B	9/23/2018	<120	<14	<140	200	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-115C	9/23/2018	<30	<3.5	<35	47	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
MW-115D	9/23/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
MW-351A	9/25/2018	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	<0.06	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
MW-351B	9/25/2018	<12	<1.4	<14	<18	<1	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	<1.2	<1.4	<1.8	<1.2	<1
MW-352A	9/26/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	11
MW-352B	9/26/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-352D	9/26/2018	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	<0.06	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
MW-353A	9/24/2018	<30	<3.5	<35	<45	2.6	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	340	<3.5	<4.5	<3	<2.5
MW-353B	9/24/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-354A	9/24/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	200	<3.5	<4.5	<3	<2.5
MW-354B	9/24/2018	<1200	<140	<1400	<1800	<100	<120	<100	<100	<600	<140	<120	<140	<120	<140	<180	<120	<100
MW-355A	9/25/2018	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	0.07	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
MW-355B	9/25/2018	<6	<0.7	<7	9.3	<0.5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	<0.6	<0.7	<0.9	<0.6	<0.5
MW-356A	9/24/2018	<300	<35	<350	<450	<25	<30	<25	<25	<150	<35	<30	<35	<30	<35	<45	<30	<25
MW-356B	9/24/2018	<300	<35	<350	<450	<25	<30	<25	<25	<150	<35	<30	<35	<30	<35	<45	<30	<25
MW-357A	9/24/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	120	<7	<9	<6	<5
MW-357B	9/24/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	26	<3.5	<4.5	<3	<2.5
MW-358A	9/25/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	4.3	<1.8	<2.3	<1.5	<1.3
MW-358B	9/25/2018	<120	<14	<140	200	<10	<12	<10	<10	<60	<14	<12	<14	18	<14	<18	<12	<10
MW-358D	9/25/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-359A	9/23/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	<6	<7	<9	<6	<5
MW-359B	9/23/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	<6	<7	<9	<6	<5
MW-360D	9/23/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-361A	1/15/2019	<0.6	<0.07	<0.7	<0.9	0.08	<0.06	<0.05	<0.05	<0.3	<0.07	0.4	<0.07	<0.06	<0.07	<0.09	<0.06	0.3
MW-361B	1/15/2019	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	0.4	<0.07	<0.06	<0.07	<0.09	<0.06	<0.05
MW-362A	1/15/2019	<0.6	<0.07	<0.7	<0.9	<0.05	<0.06	<0.05	<0.05	<0.3	<0.07	0.2	<0.07	0.1	<0.07	<0.09	<0.06	0.06
MW-362B	1/15/2019	<1.2	<0.1	<1.4	5.1	0.2	<0.1	<0.1	<0.1	<0.6	<0.1	0.2	<0.1	<0.1	0.2	<0.2	<0.1	0.4
MW-501A	9/23/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-501B	9/23/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-502A	9/23/2018	<12	<1.4	<14	<18	<1	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	<1.2	<1.4	<1.8	<1.2	2.6
MW-502B	9/23/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	2.1
MW-503A	9/23/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5
MW-503B	9/23/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	<6	<7	<9	<6	<5
MW-504A	9/22/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-504B	9/22/2018	<15	<1.8	<18	26	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3
MW-505A	9/22/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10
MW-505B	9/22/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	3	<3.5	<3	<3.5	<4.5	<3	<2.5
MW-506A	1/11/2019	<2	<0.4	<3.5	<4.5	2.8	<0.3	<0.3	<0.3	<1.5	<0.4	0.7	<0.4	240	<0.4	<0.5	<0.3	1

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	Dichloromethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Carbon tetrachloride (µg/L)	Methylene chloride (µg/L)	Toluene (µg/L)	1,2-Dichloroethane (µg/L)	n-Propylbenzene (µg/L)	1,4-Dioxane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Benzene (µg/L)	Sec-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Trans-1,2-Dichloroethene (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichloroethene Formerly (µg/L)	Xylene (µg/L)
HWEast1	9/28/2018	<0.6	<0.5	<0.7	<0.6	<0.5	<1	<0.5	<0.6	<0.5	<0.5	<0.6	<0.5	<0.7	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
HWEast2	9/28/2018	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
HWEast3	9/28/2018	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
HWEast4	9/28/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWEast5	9/28/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWEast6	9/28/2018	<0.6	<0.5	<0.7	<0.6	<0.5	<1	<0.5	<0.6	<0.5	<0.5	<0.6	<0.5	<0.7	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
HWWest1	9/26/2018	<1.5	<1.3	2	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
HWWest2	9/27/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWWest3	9/27/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWWest4	9/27/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWWest5	9/26/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
HWWest6	9/26/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-105A	9/22/2018	<0.06	<0.05	0.07	0.2	2.6	0.2	0.07	0.8	0.3	0.1	0.3	<0.05	1	<0.06	0.1	<0.06	<0.06	<0.06	<0.05	<0.1
MW-105B	9/22/2018	<0.6	<0.5	<0.7	9.2	5	1.4	0.6	4.7	2.1	1.3	1.6	<0.5	2.6	<0.6	1.2	<0.6	<0.6	<0.6	<0.5	<1
MW-105C	9/22/2018	<0.6	<0.5	<0.7	<0.6	<0.5	<1	<0.5	<0.6	<0.5	<0.5	<0.6	<0.5	<0.7	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
MW-112A	9/22/2018	<1.5	<1.3	4.6	7.9	5.6	3.4	<1.3	3.7	1.7	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-112B	9/22/2018	<1.2	<1	2.5	<1.2	<1	<2	<1	<1.2	<1	<1	<1.2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-112C	9/22/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-113A	9/22/2018	<0.6	<0.5	<0.7	3.9	4.6	1.1	1.1	4.1	0.6	0.7	2	<0.5	3	<0.6	<0.7	1.5	<0.6	<0.6	<0.5	<1
MW-113B	9/22/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-113C	9/22/2018	<120	<100	210	290	150	<200	<100	<120	<100	<100	<120	<100	<140	<120	<140	<120	<120	<120	<100	<200
MW-115A	9/23/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-115B	9/23/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-115C	9/23/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-115D	9/23/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-351A	9/25/2018	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-351B	9/25/2018	<1.2	<1	<1.4	<1.2	<1	<2	<1	<1.2	<1	<1	<1.2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-352A	9/26/2018	<1.5	<1.3	<1.8	6.5	1.7	<2.5	<1.3	<1.5	<1.3	1.6	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	3.7	<1.3	3.1
MW-352B	9/26/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-352D	9/26/2018	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-353A	9/24/2018	<3	<2.5	<3.5	9.6	16	19	4.6	29	<2.5	2.6	9.5	<2.5	3.6	<3	<3.5	<3	<3	<3	<2.5	<5
MW-353B	9/24/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-354A	9/24/2018	<3	<2.5	<3.5	<3	10	<5	<2.5	11	<2.5	<2.5	24	<2.5	17	<3	<3.5	<3	<3	<3	<2.5	<5
MW-354B	9/24/2018	<120	<100	<140	<120	<100	<200	<100	<120	<100	<100	<120	<100	<140	<120	<140	<120	<120	<120	<100	<200
MW-355A	9/25/2018	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-355B	9/25/2018	<0.6	<0.5	<0.7	<0.6	<0.5	<1	<0.5	<0.6	<0.5	<0.5	<0.6	<0.5	<0.7	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
MW-356A	9/24/2018	<30	<25	<35	<30	<25	<50	<25	<30	<25	<25	<30	<25	<35	<30	<35	<30	<30	<30	<25	<50
MW-356B	9/24/2018	<30	<25	<35	<30	<25	<50	<25	<30	<25	<25	<30	<25	<35	<30	<35	<30	<30	<30	<25	<50
MW-357A	9/24/2018	<6	<5	<7	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-357B	9/24/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-358A	9/25/2018	<1.5	<1.3	<1.8	<1.5	<1.3	3.3	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-358B	9/25/2018	<12	<10	<14	<12	<10	46	<10	13	15	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-358D	9/25/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-359A	9/23/2018	<6	<5	<7	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-359B	9/23/2018	<6	<5	<7	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-360D	9/23/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-361A	1/15/2019	<0.06	<0.05	<0.07	<0.06	0.07	<0.1	<0.05	<0.06	<0.05	0.07	<0.06	<0.05	0.2	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-361B	1/15/2019	<0.06	<0.05	<0.07	<0.06	<0.05	<0.1	<0.05	<0.06	<0.05	<0.05	<0.06	<0.05	<0.07	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-362A	1/15/2019	<0.06	<0.05	<0.07	<0.06	0.1	<0.1	<0.05	<0.06	0.05	0.08	0.07	<0.05	0.1	<0.06	<0.07	<0.06	<0.06	<0.06	<0.05	<0.1
MW-362B	1/15/2019	<0.1	<0.1	<0.1	0.3	0.2	0.4	<0.1	0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
MW-501A	9/23/2018	<1.5	<1.3	<1.8	<1.5	1.6	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-501B	9/23/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-502A	9/23/2018	<1.2	<1	<1.4	5.1	1.5	<2	<1	1.8	<1	1.3	<1.2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-502B	9/23/2018	<1.5	<1.3	<1.8	2.9	<1.3	<2.5	<1.3	<1.5	<1.3	1.9	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-503A	9/23/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-503B	9/23/2018	<6	<5	<7	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-504A	9/22/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-504B	9/22/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-505A	9/22/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-505B	9/22/2018	<3	<2.5	7.3	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-506A	1/11/2019	<0.3	<0.3	<0.4	7	9.4	16	5.6	17	5	2.6	9.4	<0.3	2.6	<0.3	1.1	0.4	<0.3	<0.3	<0.3	<0.5

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,1-Dichloropropene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichlorobenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)	1,2-Dichlorotetrafluoroethane (µg/L)	1,3-Dichloropropane (µg/L)	1,3-Dichloropropene (µg/L)	2-Butanone (MEK) (µg/L)	2-Chlorotoluene (µg/L)
MW-506B	1/11/2019	<0.1	<0.1	<0.1	<0.1	3.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	0.1	0.8	<0.1	<0.1	<0.1	<1.2	<0.1
MW-507A	1/11/2019	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.2	17	<0.2	<0.1	<0.1	<0.1	5	<0.1	<0.1	<1.2	<0.1
MW-507B	1/11/2019	<0.4	<0.3	<0.4	<0.3	0.5	<0.3	<0.3	<0.3	<0.5	9.2	<0.5	<0.3	<0.3	<0.3	2.8	<0.4	<0.3	<3	<0.4
MW-508A	9/23/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	8.9	<10	<5	<5	<5	<6	<7	<5	<60	<7
MW-508B	9/23/2018	<140	<120	<140	<120	<140	<120	<100	<100	<200	<120	<200	<120	<100	<120	<120	<140	<100	<1200	<140
MW-509A	9/23/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	4.4	<2	<1.2	<1	<1.2	3.4	<1.4	<1	<12	<1.4
MW-509B	9/23/2018	<140	<120	<140	<120	<140	<120	<100	<100	<200	<120	<200	<120	<100	<120	<120	<140	<100	<1200	<140
MW-510A	9/26/2018	<18	<15	<18	<15	<18	<15	<13	<13	<25	<15	<25	<15	<13	<15	<15	<18	<13	<150	<18
MW-510B	9/26/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-511A	9/24/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
MW-511B	9/24/2018	<1.8	<1.5	<1.8	<1.5	<1.8	<1.5	<1.3	<1.3	<2.5	<1.5	<2.5	<1.5	<1.3	<1.5	<1.5	<1.8	<1.3	<15	<1.8
MW-512A	9/26/2018	<35	<30	<35	<30	<35	<30	<25	<25	<50	<30	<50	<30	<25	<30	<30	<35	<25	<300	<35
MW-512B	9/26/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	15	<2	<1.2	<1	<1.2	5.2	<1.4	<1	<12	<1.4
MW-513A	9/25/2018	<14	<12	<14	<12	<14	<12	<10	<10	<20	<12	<20	<12	<10	<12	<12	<14	<10	<120	<14
MW-513B	9/25/2018	<7	<6	<7	<6	<7	<6	<5	<5	<10	<6	<10	<6	<5	<6	<6	<7	<5	<60	<7
MW-514A	9/25/2018	<0.7	<0.6	<0.7	<0.6	0.8	<0.6	<0.5	<0.5	<1	0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
MW-514B	9/25/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-515A	9/27/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	<1.2	<2	<1.2	<1	<1.2	9	<1.4	<1	<12	<1.4
MW-515B	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-516A	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	3.8	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-516B	9/27/2018	<0.7	<0.6	<0.7	<0.6	<0.7	<0.6	<0.5	<0.5	<1	<0.6	<1	<0.6	<0.5	<0.6	<0.6	<0.7	<0.5	<6	<0.7
MW-517A	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	4.5	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-517B	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	3.3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-518A	9/27/2018	<1.4	<1.2	<1.4	<1.2	<1.4	<1.2	<1	<1	<2	11	<2	<1.2	<1	<1.2	3.9	<1.4	<1	<12	<1.4
MW-518B	9/27/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	4.8	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-519A	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5
MW-519B	9/28/2018	<3.5	<3	<3.5	<3	<3.5	<3	<2.5	<2.5	<5	<3	<5	<3	<2.5	<3	<3	<3.5	<2.5	<30	<3.5

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	2-Butanone	4-Chlorotoluene	1-Chlorohexane	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-506B	1/11/2019	<1.2	<0.1	<1.4	7.4	2.1	<0.1	<0.1	<0.1	<0.6	<0.1	<0.1	<0.1	0.1	<0.1	<0.2	<0.1	1.9	<0.1	<0.1
MW-507A	1/11/2019	<1.2	<0.1	<1.4	4.9	3.1	<0.1	<0.1	<0.1	<0.6	<0.1	0.1	<0.1	26	<0.1	<0.2	<0.1	0.5	<0.1	<0.1
MW-507B	1/11/2019	<3	<0.4	<3.5	<4.5	1.2	<0.3	<0.3	<0.3	<1.5	<0.4	0.4	<0.4	2.1	<0.4	<0.5	<0.3	<0.3	<0.3	<0.4
MW-508A	9/23/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	99	<7	<9	<6	<5	<5	<7
MW-508B	9/23/2018	<1200	<140	<1400	2100	<100	<120	<100	<100	<600	<140	<120	<140	<120	<140	<180	<120	<100	<100	<140
MW-509A	9/23/2018	<12	<1.4	<14	<18	2	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	22	<1.4	<1.8	<1.2	1.3	<1	<1.4
MW-509B	9/23/2018	<1200	<140	<1400	<1800	<100	<120	<100	<100	<600	<140	<120	<140	<120	<140	<180	<120	<100	<100	<140
MW-510A	9/26/2018	<150	<18	<180	<230	<13	<15	<13	<13	<75	<18	<15	<18	<15	<18	<23	<15	<13	<13	<18
MW-510B	9/26/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-511A	9/24/2018	<6	<0.7	<7	<9	5	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	1400	<0.7	<0.9	<0.6	0.6	<0.5	<0.7
MW-511B	9/24/2018	<15	<1.8	<18	<23	<1.3	<1.5	<1.3	<1.3	<7.5	<1.8	<1.5	<1.8	<1.5	<1.8	<2.3	<1.5	<1.3	<1.3	<1.8
MW-512A	9/26/2018	<300	<35	<350	<450	<25	<30	<25	<25	<150	<35	<30	<35	<30	<35	<45	<30	<25	<25	<35
MW-512B	9/26/2018	<12	<1.4	<14	<18	1.8	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	120	<1.4	<1.8	<1.2	<1	<1	<1.4
MW-513A	9/25/2018	<120	<14	<140	<180	<10	<12	<10	<10	<60	<14	<12	<14	<12	<14	<18	<12	<10	<10	<14
MW-513B	9/25/2018	<60	<7	<70	<90	<5	<6	<5	<5	<30	<7	<6	<7	<6	<7	<9	<6	<5	<5	<7
MW-514A	9/25/2018	<6	<0.7	<7	9.4	0.7	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	1	<0.7	<0.9	<0.6	4.2	<0.5	<0.7
MW-514B	9/25/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-515A	9/27/2018	<12	<1.4	<14	18	2.1	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	190	<1.4	<1.8	<1.2	<1	<1	<1.4
MW-515B	9/27/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-516A	9/27/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-516B	9/27/2018	<6	<0.7	<7	<9	1.6	<0.6	<0.5	<0.5	<3	<0.7	<0.6	<0.7	72	<0.7	<0.9	<0.6	<0.5	<0.5	<0.7
MW-517A	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-517B	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-518A	9/27/2018	<12	<1.4	<14	<18	2.5	<1.2	<1	<1	<6	<1.4	<1.2	<1.4	13	<1.4	<1.8	<1.2	<1	<1	<1.4
MW-518B	9/27/2018	<30	<3.5	<35	<45	2.6	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	6.5	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-519A	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5
MW-519B	9/28/2018	<30	<3.5	<35	<45	<2.5	<3	<2.5	<2.5	<15	<3.5	<3	<3.5	<3	<3.5	<4.5	<3	<2.5	<2.5	<3.5

Table 1b. Site-wide Groundwater Sampling Results- VOCs

2018-2019

Location	Date Sampled	Dichloromethane (µg/L)	Chloroform (µg/L)	Carbon tetrachloride (µg/L)	Benzene (µg/L)	Propylene dichloride (µg/L)	Toluene (µg/L)	Chlorobenzene (µg/L)	m-Xylene/p-Xylene (µg/L)	o-Xylene (µg/L)	Bromoform (µg/L)	Styrene (µg/L)	Isopropylbenzene (µg/L)	Bromobenzene (µg/L)	n-Propylbenzene (µg/L)	2-Chlorotoluene (µg/L)	4-Chlorotoluene (µg/L)	tert-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	1,2-Dichlorobenzene (µg/L)	n-Butylbenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	Naphthalene (µg/L)
MW-506B	1/11/2019	<0.1	<0.1	<0.1	0.3	1.6	<0.2	<0.1	<0.1	1.4	<0.1	0.5	<0.1	0.7	<0.1	0.2	0.4	<0.1	0.7	<0.1	<0.2
MW-507A	1/11/2019	<0.1	<0.1	<0.1	6.9	2.6	7.3	1.8	4.3	5.3	3.5	3.5	<0.1	1	<0.1	0.7	<0.1	<0.1	<0.1	<0.1	<0.2
MW-507B	1/11/2019	<0.3	<0.3	<0.4	2.1	1	0.7	0.4	2.1	<0.3	<0.3	0.8	<0.3	<0.4	<0.3	1	<0.3	<0.3	<0.3	<0.3	<0.5
MW-508A	9/23/2018	<6	<5	9.9	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-508B	9/23/2018	<120	<100	<140	<120	<100	<200	<100	<120	<100	<100	<120	<100	<140	<120	<140	<120	<120	<120	<100	<200
MW-509A	9/23/2018	<1.2	<1	<1.4	3.2	19	<2	2.7	34	<1	1.1	11	<1	4.8	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-509B	9/23/2018	<120	<100	<140	<120	<100	<200	<100	<120	<100	<100	<120	<100	<140	<120	<140	<120	<120	<120	<100	<200
MW-510A	9/26/2018	<15	<13	39	<15	<13	<25	<13	<15	<13	<13	<15	<13	<18	<15	<18	<15	<15	<15	<13	<25
MW-510B	9/26/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-511A	9/24/2018	<0.6	<0.5	<0.7	6.1	14	<1	<0.5	9.9	<0.5	<0.5	7.9	<0.5	5	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
MW-511B	9/24/2018	<1.5	<1.3	<1.8	<1.5	<1.3	<2.5	<1.3	<1.5	<1.3	<1.3	<1.5	<1.3	<1.8	<1.5	<1.8	<1.5	<1.5	<1.5	<1.3	<2.5
MW-512A	9/26/2018	<30	<25	<35	<30	<25	<50	<25	<30	<25	<25	<30	<25	<35	<30	<35	<30	<30	<30	<25	<50
MW-512B	9/26/2018	<1.2	<1	1.6	3.4	1.8	8.1	<1	1.6	3.4	<1	<1.2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-513A	9/25/2018	<12	<10	<14	<12	<10	<20	<10	<12	<10	<10	<12	<10	<14	<12	<14	<12	<12	<12	<10	<20
MW-513B	9/25/2018	<6	<5	<7	<6	<5	<10	<5	<6	<5	<5	<6	<5	<7	<6	<7	<6	<6	<6	<5	<10
MW-514A	9/25/2018	<0.6	<0.5	<0.7	0.9	0.7	<1	<0.5	0.7	<0.5	7.9	<0.6	<0.5	<0.7	<0.6	0.9	<0.6	<0.6	3.5	<0.5	<1
MW-514B	9/25/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-515A	9/27/2018	<1.2	<1	1.5	4.5	1.9	<2	<1	3	<1	<1	<1.2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-515B	9/27/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-516A	9/27/2018	<3	<2.5	<3.5	4.2	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-516B	9/27/2018	<0.6	<0.5	<0.7	1	0.7	<1	<0.5	0.8	<0.5	<0.5	<0.6	<0.5	<0.7	<0.6	<0.7	<0.6	<0.6	<0.6	<0.5	<1
MW-517A	9/28/2018	<3	<2.5	<3.5	3.8	<2.5	<5	<2.5	<3	<2.5	4.8	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-517B	9/28/2018	<3	<2.5	4.6	6.4	<2.5	5.5	<2.5	<3	6.3	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-518A	9/27/2018	<1.2	<1	<1.4	5.4	1.7	7.2	<1	3.1	5.2	1.8	2	<1	<1.4	<1.2	<1.4	<1.2	<1.2	<1.2	<1	<2
MW-518B	9/27/2018	<3	<2.5	<3.5	3.1	<2.5	<5	<2.5	4.5	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-519A	9/28/2018	<3	<2.5	<3.5	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5
MW-519B	9/28/2018	<3	<2.5	3.7	<3	<2.5	<5	<2.5	<3	<2.5	<2.5	<3	<2.5	<3.5	<3	<3.5	<3	<3	<3	<2.5	<5

Table 1c. Site-wide Groundwater Sampling Results- PAHs

2017

Location	Date Sampled	1-Methyl Naphthalene (µg/L)	Methylnaphthalene (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Benzo(k)fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
HWEast1	9/27/2017	0.065	0.049	0.036	<0.0067	0.0057	0.0047	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.021	<0.0029	0.011	0.0069	0.0087
HWEast2	9/27/2017	0.087	0.026	0.038	<0.0078	<0.004	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.022	<0.0029	0.011	0.007	<0.0058
HWEast3	9/27/2017	0.047	0.018	0.014	<0.0036	<0.0038	<0.0028	<0.0045	<0.0043	<0.0031	<0.0032	<0.0036	<0.0027	<0.011	0.0042	<0.0028	0.021	0.0066	<0.0056
HWEast4	9/27/2017	1.2	1.3	0.027	<0.0042	0.009	<0.0028	<0.0045	<0.0043	<0.0031	<0.0032	<0.0036	<0.0027	<0.011	0.041	<0.0028	0.86	0.035	0.012
HWEast5	9/27/2017	0.26	0.3	0.0063	<0.0037	<0.004	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.013	<0.0029	0.12	0.021	0.017
HWEast6	9/27/2017	0.067	0.035	<0.0048	<0.0037	0.011	0.0034	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.0071	<0.0029	0.029	<0.0055	<0.0058
HWWest1	9/30/2017	0.063	0.017	<0.0045	<0.0035	0.0042	<0.0027	<0.0044	<0.0042	<0.003	<0.0031	<0.0035	<0.0026	<0.011	<0.0039	<0.0027	0.13	<0.0051	0.0056
HWWest2	9/30/2017	0.041	0.021	<0.0049	<0.0038	0.038	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	<0.0043	<0.0029	0.084	<0.0056	0.017
HWWest3	9/30/2017	0.044	0.017	<0.0049	<0.0038	0.037	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	<0.0043	<0.0029	0.066	<0.0056	0.019
HWWest4	9/30/2017	0.1	0.03	<0.0045	<0.0035	<0.0037	<0.0027	<0.0044	<0.0042	<0.003	<0.0031	<0.0035	<0.0026	<0.011	<0.0039	<0.0027	0.084	0.012	<0.0055
HWWest5	9/30/2017	0.29	0.032	<0.0048	<0.0037	<0.011	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	<0.0042	<0.0029	0.58	<0.0055	<0.0058
HWWest6	9/30/2017	0.57	0.076	<0.0048	<0.0037	<0.015	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.0099	<0.0029	0.46	0.0055	<0.0058
MW-101A	9/22/2017	<0.0035	<0.0023	0.013	0.019	0.027	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	0.015	<0.0053
MW-101B	9/22/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.026	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-101C	9/22/2017	<0.0035	0.0026	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.0072	0.0052	<0.0053
MW-101D	9/22/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-102A	9/7/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.012	<0.005	<0.0053
MW-102B	9/7/2017	<0.0035	0.0067	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.012	<0.005	<0.0053
MW-102C	9/7/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.02	<0.005	<0.0053
MW-103A	9/7/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-103B	9/7/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.025	<0.005	<0.0053
MW-103C	9/7/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.052	<0.005	<0.0053
MW-104B	9/7/2017	0.094	0.016	0.26	0.031	0.033	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.084	<0.0026	0.4	<0.005	<0.0053
MW-104C	9/7/2017	0.052	0.022	0.31	0.025	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.034	<0.0026	0.39	<0.005	<0.0053
MW-105A	9/7/2017	5	0.16	1.2	0.13	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	0.027	0.55	<0.0026	1.5	<0.005	0.08
MW-105B	9/7/2017	2.4	0.59	1.7	<0.0034	<0.018	<0.013	<0.0043	<0.0041	<0.0029	<0.003	<0.017	<0.0025	<0.05	1.2	<0.0026	8	<0.025	<0.027
MW-105C	9/7/2017	0.076	0.045	1.9	0.02	0.025	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.028	<0.0026	0.62	0.022	0.0081
MW-106A	9/21/2017	55	40	1.7	<0.44	0.31	<0.013	<0.022	<0.021	<0.015	<0.015	<0.017	<0.013	<0.05	2	<0.013	50	1.9	0.11
MW-106B	9/21/2017	0.11	0.12	0.03	<0.024	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.031	<0.0026	0.43	<0.005	<0.0053
MW-106C	9/21/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	0.0049	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.032	<0.005	0.0083
MW-107A	9/21/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.0079	0.0031	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-107B	9/21/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.028	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.017	<0.005	<0.0053
MW-107C	9/21/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-108A	9/21/2017	0.0043	0.011	<0.0044	<0.0034	<0.0036	0.0029	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-108B	9/21/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.0037	0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.27	0.0055	<0.0053
MW-108C	9/21/2017	0.0072	0.0089	<0.0044	<0.0034	<0.0036	0.0031	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.016	0.0084	<0.0053
MW-108D	9/21/2017	0.0042	0.0045	<0.0044	<0.0034	<0.0036	0.0043	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.01	<0.0026	<0.0038	0.023	<0.0053
MW-109A	9/23/2017	6.3	10	0.56	0.4	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.14	<0.0026	13	<0.005	<0.0053
MW-109B	9/23/2017	2.6	3.8	0.028	0.0042	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	17	<0.005	<0.0053
MW-109C	9/23/2017	0.0063	0.0029	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.044	<0.005	<0.0053
MW-110A	9/6/2017	100	27	0.92	0.18	1	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	0.6	<0.0029	420	<0.0056	<0.0059
MW-110B	9/6/2017	21	4.1	1	0.14	0.065	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	1.1	<0.0026	8.4	0.35	0.01
MW-110C	9/6/2017	28	46	0.17	0.033	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	0.048	0.099	<0.0026	170	0.17	0.032
MW-111A	9/7/2017	180	230	<5.1	<0.31	<1.8	0.33	0.25	0.25	0.21	0.26	0.28	0.17	0.33	0.66	0.18	180	0.27	0.32
MW-111B	9/7/2017	16	17	0.59	0.14	0.085	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.97	<0.0026	16	0.024	<0.0053
MW-111C	9/7/2017	0.018	0.0063	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.045	0.0073	<0.0053
MW-112A	9/6/2017	13	5.1	1.2	<0.2	0.68	0.5	0.17	0.11	0.042	0.021	0.56	0.013	0.32	0.38	0.02	12	1.6	2
MW-112B	9/6/2017	0.91	0.58	0.041	<0.012	0.013	0.0052	0.02	0.028	0.0084	0.0056	0.007	<0.0013	0.0034	0.029	0.0046	4.1	0.045	0.024
MW-112C	9/6/2017	0.22	0.017	0.0049	<0.0011	<0.00082	0.019	0.0099	0.011	0.0029	0.0025	0.016	<0.0013	0.0089	0.0031	0.0017	2.7	0.009	0.042
MW-113A	9/5/2017	7.6	5.5	2	<0.31	0.92	0.051	0.012	0.0099	0.0048	0.0018	0.056	<0.0013	0.2	1.6	0.0019	5.3	2.3	0.55
MW-113B	9/5/2017	1.4	0.84	0.28	<0.033	0.011	0.0028	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	<0.00082	0.24	<0.00089	0.2	0.15	0.0022
MW-113C	9/5/2017	0.17	0.17	0.01	<0.0011	<0.00082	0.0021	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	<0.00082	0.0047	<0.00089	1	0.0072	<0.001
MW-114A	9/6/2017	5.9	1.4	0.7	<0.093	0.021	0.0024	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	0.0066	0.63	<0.00089	1.1	0.037	0.0094
MW-114B	9/6/2017	<0.0013	0.0054	0.22	<0.0011	<0.00082	<0.00097	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	<0.00082	0.16	<0.00089	0.16	0.019	<0.001
MW-114C	9/6/2017	0.0061	0.0028	<0.0012	<0.0011	<0.00082	0.0059	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	0.0046	<0.0011	<0.00089	0.021	0.0076	0.0081
MW-115A	9/23/2017	0.55	0.21	0.21	<0.027	0.085	<0.0026	<0.0043	0.013	0.0055	<0.003	<0.0034	<0.0025	<0.01	0.15	<0.0026	0.13	0.05	0.067
MW-115B	9/23/2017	3.6	2.9	0.29	<0.058	0.092	<0.0026	0.012	0.017	0.0053	<0.003	<0.0034	<0.0025	0.053	0.32	<0.0026	1.3	0.15	0.049
MW-115C	9/23/2017	1.5	0.98	0.03	<0.0034	0.039	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	8.3	<0.005	<0.0053
MW-115D	9/23/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-116A	9/23/2017	1.8	1.4	0.1	<0.025	0.048	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	0.014	0.15	<0.0026	1.5	0.068	0.03
MW-116B	9/23/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.0079	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-116C	9/23/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-117A	9/24/2017	<0.0035	<0.0023	0.35	<0.0034	0.03	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.061	<0.0026	<0.0038	<0.005	<0.0053
MW-117B	9/24/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-117C	9/24/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-117D	9/24/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	0.0089	<0.0053
MW-131	9/24/2017	21	26	1.1	<0.14	0.13	0.073	0.052	0.035	0.026	0.0073	0.1	0.0062	0.085	0.76	0.011	19	0.64	0.36
MW-132	9/27/2017	11	3.5	0.26	<0.047	0.044	<0.0029	<0.0047	0.0079	0.0042	<0.0033	<0.0037	<0.0028	<0.011	0.041	<0.0029	28	0.017	<0.0058
MW-133	9/27/2017	1.3	0.21	0.019	<0.0037	0.072	<0.0029	<0.0047	0.02	0.0086	<0.0033	<0.0037	<0.0028	<0.011	<0.0042	0.0066	6.4	<0.0055	<0.0058
MW-135	9/24/2017	11	9.9	0.77	0.33	0.094	0.053	0.017	0.014	0.0072	<0.003	0.066	0.0033	0.044	0.56	0.0042	4.7	0.53	0.21
MW-301A	10/23/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.013	<0.022	<0.021	<0.015	<0.015	<0.017	<0.013	<0.01	<0.0038	<0.013	0.012	<0.005	<0.027
MW-301B	10/23/2017	46	21	1	<0.034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.5	<0.0026	64	0.22	<0.0053
MW-302	9/28/2017	62	33	0.63	0.25	<0.018	<0.013	<0.022	<0.021	<0.015	<0.015	<0.017	<0.013	<0.05	0.21	<0.013	220	<0.025	<0.027
MW-303	9/29/2017	64	3.7	0.9	<0.087	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.3	<0.0026	28	<0.005	<0.0053
MW-304	9/24/2017	7.8	1.8	0.17	<0.022	0.076	<0.0026	0.017	0.028	0.0078	<0.003	<0.0034	<0.0025	<0.01	0.08	0.01	6.9	<0.005	<0.0053
MW-305	9/27/2017	<0.0039	<0.0026	<0.0048	<0.0037	<0.02	<0.0029	<0.0047	<0.0045	0.0043	<0.0033	<0.0037	<0.0028	<0.055	<0.0042	<0.0029	0.37	<0.028	<0.0058
MW-306B	9/29/2017	0.73	0.8	0.048	<0.0073	0.052	<0.0029	<0.0047	0.012	0.0038	<0.0033	<0.0037	<0.0028	<0.011	0.044	<0.0029	0.88	<0.0055	<0.0058
MW-307A	9/26/2017	<0.0037	<0.0024	<0.0046	<0.0036	0.071	0.0041	<0.0045	0.011	0.0073	0.0068	0.004	0.0048	<0.011	<0.004	0.0099	<0.004	<0.0053	0.024
MW-307B	9/26/2017	0.42	0.054	0.012	<0.0037	0.13	0.0063	<0.0047	<0.0045	<0.0032	<0.0033	0.0078	<0.0028	<0.011	<0.0042	<0.0029	0.41	0.0086	0.0092
MW-308	9/28/2017	0.26	<0.036	<0.0044	<0.016	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0087	<0.0026	<0.21	<0.005	<0.0053
MW-309	9/29/2017	0.74	0.043	0.065	<0.0038	<0.004	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	0.021	<0.0029	0.27	0.03	<0.0059
MW-310A	9/28/2017	1.3	0.4	<0.015	0.027	<0.0036	0.091	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	11	<0.005	<0.0053
MW-310B	9/28/2017	0.043	<0.019	<0.011	<0.011	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.1	<0.005	<0.0053
MW-311A	9/29/2017	0.039	0.0073	0.24	<0.02	0.022	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	0.038	<0.0029	0.068	<0.0056	<0.0059
MW-311B	9/29/2017	<0.0039	<0.0026	0.13	<0.0038	0.024	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	0.041	<0.0029	0.014	<0.0056	<0.0059
MW-312A	9/29/2017	<0.0039	<0.0026	<0.0049	<0.0038	0.026	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	0.012	<0.0029	0.01	<0.0056	<0.0059
MW-312B	9/29/2017	0.23	0.079	0.033	<0.019	<0.02	<0.015	<0.024	0.039	<0.017	<0.017	<0.019	<0.014	<0.056	<0.022	<0.015	0.48	0.13	<0.03
MW-313A	9/29/2017	<0.02	<0.013	<0.025	<0.02	0.079	0.037	<0.025	<0.024	<0.017	<0.017	0.03	<0.015	<0.057	<0.022	<0.015	0.11	<0.029	0.089
MW-313B	9/29/2017	12	11	0.26	<0.0038	0.066	<0.0029	0.0088	0.021	0.0062	0.0046	<0.0038	<0.0028	<0.012	0.031	0.0087	37	<0.0056	0.013
MW-314A	9/25/2017	0.036	<0.0023	0.28	0.0054	0.01	0.0035	<0.0043	0.0072	0.0035	0.0045	0.0035	0.003	<0.01	0.29	0.0052	0.045	<0.005	<0.0053
MW-314B	9/25/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.0041	<0.005	<0.0053

Table 1c. Site-wide Groundwater Sampling Results- PAHs

2017

Location	Date Sampled	1-Methyl Naphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Benzo(k)fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
MW-351A	9/30/2017	<0.0036	<0.0024	0.062	<0.0035	0.011	<0.0027	<0.0044	<0.0042	<0.003	<0.0031	<0.0035	<0.0026	<0.011	<0.0039	<0.0027	<0.0039	<0.0051	<0.0054
MW-351B	9/30/2017	<0.0039	<0.0026	<0.0049	<0.0038	0.0098	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	<0.0043	<0.0029	0.014	<0.0056	0.0066
MW-352A	10/1/2017	15	8.5	0.76	0.093	0.2	<0.0028	<0.0046	<0.0044	0.019	<0.0032	<0.0037	<0.0027	0.064	1.2	<0.0028	12	2.2	0.22
MW-352B	10/1/2017	0.92	0.55	0.086	<0.0037	<0.004	0.12	0.12	0.12	0.22	0.13	0.096	0.23	0.03	0.033	0.22	4.6	<0.0055	0.035
MW-352D	10/1/2017	<0.0039	<0.0026	<0.0049	<0.0038	<0.004	<0.0029	<0.0048	<0.0046	0.022	<0.0034	<0.0038	0.021	<0.012	<0.0043	0.022	0.0089	<0.0056	<0.0059
MW-353A	9/25/2017	2.8	2.3	0.46	<0.023	0.11	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.16	<0.0026	15	0.031	<0.0053
MW-353B	9/25/2017	3	0.5	0.17	<0.017	0.077	<0.013	0.063	0.093	<0.015	<0.015	<0.017	<0.013	<0.05	<0.29	<0.013	6.1	0.047	0.11
MW-354A	9/5/2017	0.34	0.11	0.48	<0.02	0.006	0.0037	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	0.0031	0.18	<0.00089	2.6	0.015	0.01
MW-354B	9/5/2017	0.025	<0.0013	<0.0012	<0.0011	<0.00082	0.003	<0.0011	<0.00083	0.0014	<0.00094	<0.00076	<0.0013	<0.00082	<0.0011	<0.00089	0.018	<0.0011	0.008
MW-355A	9/28/2017	<0.0035	<0.0023	<0.0044	<0.0034	0.0043	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	<0.0038	<0.005	<0.0053
MW-355B	9/28/2017	<0.0035	<0.0023	<0.0044	<0.0034	<0.0036	0.0027	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.0038	<0.005	<0.0053
MW-356A	9/24/2017	39	50	2	<0.47	1.4	1.7	1.3	0.99	0.73	<0.015	2.3	0.21	1	3.1	0.33	63	7.4	5.4
MW-356B	9/24/2017	8.4	7.9	0.28	<0.053	0.15	0.027	0.043	0.081	0.027	<0.003	0.028	0.0086	0.18	0.22	0.023	7.9	0.19	0.096
MW-357A	9/23/2017	9.2	8.7	0.96	<0.043	0.061	<0.0026	0.011	0.011	0.0074	<0.003	<0.0034	<0.0025	0.028	0.48	<0.0026	15	0.097	0.037
MW-357B	9/23/2017	0.0068	0.0043	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.02	0.0073	<0.0053
MW-358A	9/6/2017	0.013	0.0079	0.0075	0.0056	<0.00082	0.002	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	<0.00082	0.011	<0.00089	0.022	0.0099	<0.001
MW-358B	9/6/2017	4.7	2.9	0.17	<0.014	0.02	0.016	0.013	0.02	0.0039	0.0033	<0.00076	<0.0013	<0.00082	0.044	0.0027	29	0.024	0.016
MW-358D	9/6/2017	0.0029	0.0036	<0.0012	<0.0011	<0.00082	0.0016	<0.0011	<0.00083	<0.00086	<0.00094	<0.00076	<0.0013	<0.00082	0.0029	<0.00089	0.019	0.0044	<0.001
MW-359A	9/24/2017	<0.0035	0.0032	<0.0044	<0.0034	0.0088	0.0038	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	0.005	0.0076	<0.0053
MW-359B	9/24/2017	1.1	0.81	0.0063	<0.0034	0.0066	<0.0026	0.0075	0.014	0.004	<0.003	<0.0034	<0.0025	<0.01	<0.0038	0.0032	1.2	0.0074	0.0076
MW-360D	9/25/2017	0.11	0.1	0.0088	<0.0034	<0.0036	<0.0026	0.0083	0.016	0.012	0.0097	<0.0034	<0.0025	<0.01	0.013	0.0073	0.06	0.012	<0.0053
MW-501A	9/22/2017	0.18	0.021	2.2	<0.027	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.37	<0.0026	0.38	<0.005	<0.0053
MW-501B	9/22/2017	1.1	0.33	0.23	<0.0065	0.013	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.062	<0.0026	9.5	0.013	<0.0053
MW-502A	9/22/2017	39	42	3.7	<0.19	0.13	0.011	0.005	<0.0041	0.006	<0.003	0.015	<0.0025	0.026	4.2	<0.0026	97	1.5	0.078
MW-502B	9/22/2017	15	15	8.7	<0.15	0.5	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	0.11	5.3	<0.0026	29	3.1	0.077
MW-503A	9/22/2017	0.95	0.4	0.8	<0.12	0.069	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.92	<0.0026	0.6	0.044	0.04
MW-503B	9/22/2017	0.92	0.25	0.85	<0.098	0.11	0.027	0.021	0.034	<0.0029	<0.003	0.023	<0.0025	0.034	0.76	<0.0026	0.23	0.095	0.17
MW-504A	9/21/2017	7.2	2.6	0.69	<0.11	0.11	<0.0026	0.0097	0.011	0.014	<0.003	<0.0034	0.0042	<0.01	0.69	0.0089	6	0.13	0.054
MW-504B	9/21/2017	2.6	0.46	0.15	<0.0085	0.027	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.069	<0.0026	4	0.025	<0.0053
MW-505A	9/22/2017	12	2.2	0.78	<0.13	0.12	0.039	0.032	0.029	0.025	<0.003	<0.0034	<0.0025	0.03	1.2	0.012	7.5	0.25	0.12
MW-505B	9/22/2017	1.9	0.54	0.16	<0.0054	0.027	0.017	0.011	0.017	0.0063	<0.003	<0.0034	<0.0025	<0.01	0.13	0.0054	8.7	0.061	0.037
MW-506A	9/25/2017	4.7	3.5	0.66	0.061	0.11	0.026	0.017	0.018	0.017	<0.003	0.0037	<0.0025	0.037	0.4	0.008	19	0.083	0.048
MW-506B	9/25/2017	0.23	0.03	0.38	<0.043	0.086	0.026	0.054	0.096	0.026	0.015	0.011	0.0089	0.036	0.4	0.023	0.082	0.087	0.1
MW-507A	9/26/2017	3.5	1.5	0.21	<0.03	0.12	<0.0028	0.013	0.019	0.0054	<0.0032	<0.0036	<0.0027	0.017	0.09	0.0046	16	<0.0053	0.015
MW-507B	9/26/2017	2.1	0.36	0.15	<0.024	0.11	<0.0028	0.018	0.026	0.0091	<0.0032	<0.0036	<0.0027	<0.011	0.04	0.009	4.5	<0.0053	<0.0056
MW-508A	9/23/2017	4.2	2.7	0.63	<0.022	0.078	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.17	<0.0026	12	<0.005	<0.0053
MW-508B	9/23/2017	2	0.56	0.093	<0.017	0.069	<0.013	<0.022	0.074	<0.015	<0.015	<0.017	<0.013	<0.05	0.16	<0.013	7.3	0.054	0.072
MW-509A	9/23/2017	1.4	0.81	1.3	1.4	0.11	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.78	<0.0026	10	0.022	0.029
MW-509B	9/23/2017	8.8	2.3	0.23	<0.028	<0.018	<0.013	0.1	0.16	0.054	0.034	<0.017	<0.013	<0.05	0.21	0.043	7.9	<0.025	0.18
MW-510A	9/25/2017	1.1	0.12	0.83	<0.086	0.26	<0.013	<0.022	<0.021	<0.015	<0.015	<0.017	<0.013	<0.05	0.45	<0.013	0.76	<0.025	<0.027
MW-510B	9/25/2017	1.3	0.21	0.076	<0.038	<0.0036	<0.0026	0.017	0.035	0.014	0.01	<0.0034	0.0058	0.02	0.062	0.012	4.3	0.041	0.033
MW-511A	9/25/2017	0.23	0.015	1	<0.021	0.06	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.47	<0.0026	9.7	0.052	<0.0053
MW-511B	9/25/2017	2.3	0.32	0.17	<0.017	0.029	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.097	<0.0026	1.3	0.039	<0.0053
MW-512A	9/26/2017	1.9	1.9	1.5	<0.015	0.025	<0.0028	<0.0045	<0.0043	<0.0031	<0.0032	<0.0036	<0.0027	<0.011	0.34	<0.0028	8.5	0.026	<0.0056
MW-512B	9/26/2017	2.1	0.059	0.14	<0.0075	0.04	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	0.048	<0.0026	0.055	0.017	<0.0053
MW-513A	9/30/2017	0.9	0.085	0.14	<0.0037	0.09	<0.0028	<0.0046	<0.0044	0.021	<0.0032	<0.0037	<0.0027	<0.011	0.43	<0.0028	1.7	<0.0054	0.049
MW-513B	9/30/2017	0.72	0.17	0.037	<0.0094	<0.004	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.016	<0.0029	1.3	<0.0055	<0.0058
MW-514A	10/1/2017	7.6	6.5	0.44	0.11	0.044	<0.0029	<0.0048	<0.0046	<0.0033	<0.0034	<0.0038	<0.0028	<0.012	1.1	<0.0029	5	0.12	<0.0059
MW-514B	10/1/2017	0.86	0.16	0.12	<0.0037	0.012	<0.0029	<0.0047	<0.0045	<0.0032	<0.0033	<0.0037	<0.0028	<0.011	0.087	<0.0029	0.37	0.04	0.013
MW-515A	9/30/2017	20	24	1.7	<0.24	0.46	0.27	0.19	0.16	0.16	<0.017	0.32	0.041	0.25	1.5	0.076	34	2.1	1
MW-515B	9/30/2017	6	0.9	0.32	<0.0038	<0.004	<0.0029	<0.0048	<0.0046	0.01	<0.0034	<0.0038	<0.0028	<0.012	0.19	<0.0029	2.2	<0.0056	<0.0059
MW-516A	10/2/2017	15	15	0.86	0.12	0.096	0.066	0.047	0.023	0.024	<0.0031	0.069	<0.0026	0.24	0.74	<0.0027	18	0.54	0.26
MW-516B	10/2/2017	0.18	0.016	<0.0045	0.021	0.038	<0.0027	<0.0044	<0.0042	<0.003	<0.0031	<0.0035	<0.0026	<0.011	<0.0039	<0.0027	1.3	<0.0051	<0.0054
MW-517A	10/24/2017	15	20	0.98	0.16	0.18	0.34	0.24	0.3	0.67	0.21	0.36	0.57	0.2	0.79	0.61	20	0.49	0.35
MW-517B	10/24/2017	4.4	1.1	0.21	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	0.027	<0.003	<0.0034	<0.0025	<0.01	0.081	0.0085	6.9	<0.005	<0.0053
MW-518A	10/2/2017	17	19	1.1	0.11	0.072	<0.013	<0.0043	<0.0041	0.018	<0.003	<0.017	<0.0025	<0.01	0.93	<0.0026	17	0.24	0.083
MW-518B	10/2/2017	4.5	2.9	0.45	<0.0035	0.04	<0.0027	<0.0044	<0.0042	<0.003	<0.0031	<0.0035	<0.0026	<0.011	0.16	<0.0027	9.2	0.031	<0.0054
MW-519A	10/24/2017	3	2.9	0.33	0.08	0.046	<0.0026	<0.0043	<0.0041	0.006	<0.003	<0.0034	<0.0025	<0.01	0.41	0.0042	0.49	0.17	0.044
MW-519B	10/24/2017	0.8	0.53	<0.0044	<0.0034	<0.0036	<0.0026	<0.0043	<0.0041	<0.0029	<0.003	<0.0034	<0.0025	<0.01	<0.0038	<0.0026	6.1	<0.005	<0.0053

Table 1c. Site-wide Groundwater Sampling Results- PAHs

2018-2019

Location	Date Sampled	1-Methyl Naphthalene (µg/L)	Methylnaphthalene (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Benzo(k)fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
HWEast1	9/28/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.2	<0.2	<0.05
HWEast2	9/28/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.2	<0.2	<0.05
HWEast3	9/28/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.2	<0.2	<0.05
HWEast4	9/28/2018	0.1	0.2	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.1	<0.05	<0.05	0.05	<0.2	<0.2	<0.05
HWEast5	9/28/2018	0.3	0.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	0.2	<0.2	<0.05
HWEast6	9/28/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.2	<0.2	<0.05
HWWest1	9/26/2018	0.06	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.1	<0.03	<0.01
HWWest2	9/27/2018	0.08	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	0.3	<0.2	<0.05
HWWest3	9/27/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	0.07	0.1	<0.05	0.07	<0.05	<0.1	<0.05	<0.05	0.09	<0.2	<0.2	0.06
HWWest4	9/27/2018	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.2	<0.2	<0.05
HWWest5	9/26/2018	0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.03	<0.03	<0.01
HWWest6	9/26/2018	0.06	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.08	<0.03	<0.01
MW-105A	9/22/2018	2	0.05	1	0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.03	0.4	<0.01	0.7	0.04	0.03
MW-105B	9/22/2018	2	0.6	2	0.07	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.01	1	<0.01	19	<0.03	<0.01
MW-105C	9/22/2018	0.03	0.02	0.8	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.03	<0.01	0.2	<0.03	<0.01
MW-112A	9/22/2018	12	9	1	0.2	0.9	2	0.7	0.5	0.3	0.1	2	0.09	0.7	0.6	0.2	9	2	4
MW-112B	9/22/2018	0.4	0.4	<0.01	<0.01	0.05	0.01	0.05	0.08	0.04	0.02	<0.01	<0.02	<0.01	<0.01	0.03	2	<0.03	0.03
MW-112C	9/22/2018	0.2	0.03	0.02	0.02	0.07	0.4	0.3	0.2	0.1	0.05	0.4	0.04	0.07	<0.01	0.07	2	0.04	0.6
MW-113A	9/22/2018	4	3	1	0.2	0.5	0.05	0.02	0.01	<0.01	<0.01	0.05	<0.02	0.1	0.8	<0.01	3	1	0.4
MW-113B	9/22/2018	0.5	0.4	0.2	0.04	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.1	0.01	0.2	0.09	<0.01
MW-113C	9/22/2018	0.1	<0.02	<0.01	<0.01	0.1	0.03	0.02	0.05	0.02	0.02	0.02	<0.02	0.06	<0.01	0.02	26	<0.03	0.05
MW-115A	9/23/2018	0.6	0.3	0.2	<0.01	0.1	0.02	0.01	0.03	0.01	<0.01	<0.01	<0.02	0.03	0.1	<0.01	0.2	0.06	0.04
MW-115B	9/23/2018	2	2	0.2	0.07	0.05	0.02	0.02	0.04	0.02	<0.01	0.02	<0.02	0.02	0.2	0.02	0.9	0.1	0.06
MW-115C	9/23/2018	0.9	0.6	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.01	<0.01	5	<0.03	<0.01
MW-115D	9/23/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-351A	9/25/2018	<0.01	<0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-351B	9/25/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	0.01
MW-352A	9/26/2018	0.6	0.2	2	0.1	0.2	0.02	<0.01	0.01	<0.01	<0.01	0.02	<0.02	0.04	0.6	<0.01	2	0.3	0.06
MW-352B	9/26/2018	2	0.8	0.09	0.02	0.04	0.03	<0.01	<0.01	<0.01	<0.01	0.02	<0.02	0.03	0.04	<0.01	5	0.1	0.04
MW-352D	9/26/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.04	<0.03	<0.01
MW-353A	9/24/2018	2	2	0.3	<0.01	0.06	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.03	0.1	<0.01	12	0.04	0.03
MW-353B	9/24/2018	1	0.2	0.07	0.06	0.04	0.02	0.04	0.06	0.04	<0.01	0.04	<0.02	0.01	0.08	0.02	3	0.05	0.05
MW-354A	9/24/2018	0.2	0.07	0.2	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.08	<0.01	1	<0.03	<0.01
MW-354B	9/24/2018	7	0.5	0.4	0.06	0.1	0.08	0.09	0.2	0.07	0.04	0.09	<0.02	0.07	0.1	0.05	6	0.06	0.2
MW-355A	9/25/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-355B	9/25/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-356A	9/24/2018	33	52	2	0.4	1	2	1	0.9	0.7	0.2	2	0.2	1	2	0.3	57	6	6
MW-356B	9/24/2018	5	6	0.2	0.05	0.09	0.05	0.04	0.08	0.03	0.02	0.06	<0.02	0.1	0.2	0.02	6	0.2	0.09
MW-357A	9/24/2018	6	2	0.7	<0.01	0.05	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.02	0.02	0.4	<0.01	12	0.09	0.04
MW-357B	9/24/2018	0.6	0.09	0.06	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.03	<0.01	2	<0.03	0.01
MW-358A	9/25/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.02	<0.01	0.01	0.03	<0.03	<0.03	<0.01
MW-358B	9/25/2018	3	1	0.1	<0.01	0.06	<0.01	0.02	0.05	0.02	0.05	<0.01	<0.02	0.07	<0.01	0.01	17	0.05	0.02
MW-358D	9/25/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-359A	9/23/2018	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.03	<0.03	<0.01
MW-359B	9/23/2018	0.9	0.8	<0.01	<0.01	<0.01	<0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.9	<0.03	0.01
MW-360D	9/23/2018	0.02	<0.02	0.02	<0.01	<0.01	0.04	0.03	0.08	0.06	0.06	0.04	<0.02	<0.01	0.01	0.08	<0.03	<0.03	0.01
MW-361A	1/15/2019	0.3	0.1	2	0.03	0.2	0.03	<0.01	0.02	<0.01	<0.01	0.02	<0.02	0.2	2	<0.01	0.3	2	0.2
MW-361B	1/15/2019	0.06	0.05	0.03	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.03	0.03	<0.01	0.1	0.1	0.03
MW-362A	1/15/2019	0.08	0.05	0.1	0.02	0.05	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.02	0.02	0.1	<0.01	0.1	0.06	0.05
MW-362B	1/15/2019	0.1	0.09	0.07	0.02	0.06	0.02	0.02	0.04	0.01	<0.01	0.02	<0.02	0.02	0.06	0.01	0.4	0.06	0.05
MW-501A	9/23/2018	0.05	<0.02	1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.2	<0.01	0.2	<0.03	<0.01
MW-501B	9/23/2018	0.07	0.02	0.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.04	<0.01	1	<0.03	<0.01
MW-502A	9/23/2018	37	48	4	0.2	0.3	0.07	0.03	0.02	0.03	<0.01	0.03	<0.02	0.05	3	0.02	82	1	0.07
MW-502B	9/23/2018	5	5	8	0.1	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.2	4	<0.01	14	3	0.06
MW-503A	9/23/2018	0.8	0.2	0.7	0.1	0.05	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.02	0.01	0.9	<0.01	0.7	0.1	0.05
MW-503B	9/23/2018	0.7	0.2	1	0.1	0.2	0.09	0.06	0.07	0.03	0.01	0.06	<0.02	0.09	0.8	0.02	0.4	0.2	0.3
MW-504A	9/22/2018	3	1	0.5	0.09	0.2	0.05	0.02	0.03	0.02	<0.01	0.04	<0.02	0.03	0.3	0.01	2	0.2	0.04
MW-504B	9/22/2018	2	0.1	0.1	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.05	<0.01	3	<0.03	<0.01
MW-505A	9/22/2018	4	1	0.5	0.04	0.2	0.06	0.03	0.03	0.03	<0.01	<0.01	<0.02	0.1	0.6	0.01	3	0.2	0.06
MW-505B	9/22/2018	0.9	0.2	0.08	0.03	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.05	<0.01	3	<0.03	0.01
MW-506A	1/9/2019	3	2	0.4	0.06	0.1	0.1	0.08	0.2	0.1	0.1	0.2	<0.1	0.3	0.2	0.2	10	0.2	0.3
MW-506B	1/9/2019	0.1	<0.1	<0.05	<0.05	0.2	0.08	0.2	0.3	0.07	<0.05	<0.05	<0.1	<0.05	0.4	0.09	0.2	0.2	0.2
MW-507A	1/10/2019	2	1	0.1	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	0.08	<0.05	10	<0.2	<0.05
MW-507B	1/10/2019	2	<0.1	0.1	<0.05	0.09	<0.05	0.06	0.1	<0.05	<0.05	<0.05	<0.1	<0.05	0.06	<0.05	0.2	<0.2	0.06
MW-508A	9/23/2018	3	2	0.5	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.1	<0.01	8	<0.03	0.01
MW-508B	9/23/2018	0.8	0.3	0.03	<0.01	0.04	0.03	0.05	0.08	0.03	0.01	0.03	<0.02	0.08	<0.01	0.02	4	<0.03	0.09
MW-509A	9/23/2018	0.9	0.7	0.8	0.1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.5	<0.01	8	0.04	0.03
MW-509B	9/23/2018	4	1	0.2	0.05	0.09	0.04	0.09	0.2	0.07	0.03	0.06	<0.02	0.1	0.1	0.04	6	0.09	0.1
MW-510A	9/26/2018	0.9	0.09	0.5	<0.01	0.1	0.03	0.02	0.03	0.03	<0.01	<0.01	<0.02	0.03	0.2	0.01	0.9	0.09	0.05
MW-510B	9/26/2018	0.8	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	1	<0.2	<0.05
MW-511A	9/24/2018	0.2	0.03	0.8	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.3	<0.01	15	0.05	<0.01
MW-511B	9/24/2018	0.9	0.07	0.1	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.1	<0.01	0.3	0.04	<0.01
MW-512A	9/26/2018	22	32	0.8	0.1	0.1	0.2	0.1	0.09	0.07	0.01	0.2	<0.02	0.1	0.5	0.03	3	0.7	0.4
MW-512B	9/26/2018	0.03	0.03	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	0.02	<0.01	<0.01	2	0.04	<0.01
MW-513A	9/25/2018	0.7	0.09	0.1	0.03	0.2	0.04	0.03	0.04	0.05	<0.01	<0.01	<0.02	0.01	0.3	0.02	2	<0.03	0.05
MW-513B	9/25/2018	0.5	0.2	0.03	<0.01	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	0.8	<0.03	<0.01
MW-514A	9/25/2018	4	3	0.4	0.06	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.7	<0.01	3	0.06	<0.01
MW-514B	9/25/2018	0.05	0.03	0.09	0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.06	<0.01	0.1	0.05	0.02
MW-515A	9/27/2018	1	1	1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	0.3	<0.01	5	<0.03	<0.01
MW-515B	9/27/2018	0.4	<0.1	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	0.06	<0.05	<0.2	<0.2	<0.05
MW-516A	9/27/2018	12	15	0.9	0.07	0.09	0.06	<0.05	0.07	<0.05	<0.05	<0.05	<0.1	<0.05	0.7	<0.05	2	0.2	0.06
MW-516B	9/27/2018	2	0.4	0.3	<0.05	0.09	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.2	0.1	0.5	4	<0.2	0.2
MW-517A	9/28/2018	15	23	0.9	0.2	0.2	0.1	0.1	0.1	0.1	<0.05	0.1	<0.1	0.08	0.7	<0.05	23	0.5	0.2
MW-517B	9/28/2018	5	3	0.3	<0.05	0.09	<0.05	0.06	0.09	<0.05	<0.05	<0.05	<0.1	<0.05	0.09	<0.05	15	<0.2	<0.05
MW-518A	9/27/2018	2	0.8	0.1	<0.05	0.06	0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.1	<0.05	0.09	0.07	8	<0.2	0.05
MW-518B	9/27/2018	1	<0.1	0.1	<0.05	0.06	<0.05	<0.05	0.08	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	0.2	<0.2	<0.05
MW-519A	9/28/2018	3	3	0.3	0.1	0.06	0.06	0.06	0.09	<0.05	<0.05	<0.05	<0.1	<0.05	0.4	<0.05	0.3	0.2	0.09
MW-519B	9/28/2018	0.6	0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	4	<0.2	<0.05

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2017

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)	Alkalinity (mg/L)	Total Dissolved Solids (mg/L)
EW-1	10/2/2017	6.42	7.1	13	-187	0.51	3500	8300
EW-2	10/2/2017	6.41	7.0	5.75	-170	0.62	3400	5700
EW-3	10/2/2017	6.77	7.2	11.8	-249	0.96	13000	7800
EW-4	10/2/2017	6.79	7.6	6.95	-173	0.6	17000	3000
EW-5	10/2/2017	9.4	9.4	51.3	-444	0.5	2400	44000
EW-6	10/1/2017	8.94	8.9	41.4	-382	0.48	15000	33000
EW-8	10/1/2017	6.62	7.3	9.97	-259	0.56	5000	6900
EW-9	10/1/2017	6.58	7.2	8.01	-261	0.58	5300	7200
EW-10	10/1/2017	7.05	7.8	0.324	-149	0.69	2100	250
EW-11	10/1/2017	6.3	7.0	15.3	-262	0.45	3500	10000
HWEast1	9/27/2017	6.75	7.4	14.8	-139	0		
HWEast2	9/27/2017	6.63	7.4	12.7	-102	0		
HWEast3	9/27/2017	6.87	7.5	7.39	-100	0.69		
HWEast4	9/27/2017	7.54	8.0	60.5	-272	0		
HWEast5	9/27/2017	9.9	10.1	1.77	-385	0.41		
HWEast6	9/27/2017	6.19	7.3	1.2	-223	0		
HWWest1	9/30/2017	9.21	9.0	24.4	-365	0		
HWWest2	9/30/2017	11.43	10.9	53	-280	2.4		
HWWest3	9/30/2017	11.42	10.9	51.4	-270	3.97		
HWWest4	9/30/2017	10.75	10.3	51.2	-394	0		
HWWest5	9/30/2017	6.71	7.5	28.9	-209	1.56		
HWWest6	9/30/2017	6.97	7.6	51.5	120	1.83		
MW-101A	9/22/2017	6.92	8.2	9.46	-270	0		
MW-101B	9/22/2017	7.12	8.3	3.84	-292	0.77		
MW-101C	9/22/2017	7.32	8.3	0.402	-98	1.28		
MW-101D	9/22/2017	9.21	9.3	99999	-152	0		
MW-102A	9/7/2017	7.21	7.4	9.79	-321	0		
MW-102B	9/7/2017	6.81	7.0	4.45	-136	0		
MW-102C	9/7/2017	6.84	7.1	6.14	-127	1.21		
MW-103A	9/7/2017	6.63	6.9	5.29	-358	2.61		
MW-103B	9/7/2017	6.24	6.7	2.88	-293	0		
MW-103C	9/7/2017	6.08	6.4	4.61	-217	0		
MW-104B	9/7/2017	6.17	6.5	0.453	-134	0		
MW-104C	9/7/2017	6.45	6.8	0.308	-205	1.14		
MW-105A	9/7/2017	5.89	6.1	5.62	-142	0		
MW-105B	9/7/2017	6.13	6.4	1.95	-226	0.74		
MW-105C	9/7/2017	6.45	6.8	7.58	-102	0	3100	4200
MW-106A	9/21/2017	6.17	7.0	0.335	-188	0.82		
MW-106B	9/21/2017	5.76	6.9	0.071	-174	1.14		
MW-106C	9/21/2017	8.02	8.1	11.7	-272	0		
MW-107A	9/21/2017	5.88	7.1	0.19	-132	1.7		
MW-107B	9/21/2017	5.46	6.7	0.138	-144	6.32		
MW-107C	9/21/2017	7.32	8.1	0.385	-141	3.23		
MW-108A	9/21/2017	5.75	6.8	1.17	-181	3.72		
MW-108B	9/21/2017	4.73	6.1	0.124	29	0		
MW-108C	9/21/2017	9.68	9.4	0.379	-191	0.74		
MW-108D	9/21/2017	7.48	8.2	0.434	-88	2.79		
MW-109A	9/23/2017	5.45	6.2	0.816	-179	3.13		
MW-109B	9/23/2017	4.48	5.0	6.35	-115	0.67		
MW-109C	9/23/2017	5.62	6.8	14.8	-85	0		
MW-110A	9/6/2017	6.36	5.7	0.51	-323	1.28		
MW-110B	9/6/2017	4.74	7.0	0.181	69	0		
MW-110C	9/6/2017	6.17	6.8	26	-130	0		
MW-111A	9/7/2017	6.59	6.9	6.52	-343	0		
MW-111B	9/7/2017	10.39	10.1	5.7	-322	0		
MW-111C	9/7/2017	6.86	7.3	4.4	-135	0		
MW-112A	9/6/2017	6.36	6.9	5.51	-292	0.59		

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2017

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)	Alkalinity (mg/L)	Total Dissolved Solids (mg/L)
MW-112B	9/6/2017	6.21	6.8	24.4	-115	0		
MW-112C	9/6/2017	10.6	10.0	43	-473	0	4800	30000
MW-113A	9/5/2017	9.58	9.5	0.916	-278	0		
MW-113B	9/5/2017	8.84	8.9	3.57	-288	0		
MW-113C	9/5/2017	8.71	8.4	20.8	-209	1.12	140	23000
MW-114A	9/6/2017	6.29	7.1	0.246	-93	0		
MW-114B	9/6/2017	7.07	7.6	0.442	-90	0.98		
MW-114C	9/6/2017	9.05	8.8	52.2	-263	2.2		
MW-115A	9/23/2017	6.92	7.4	4.16	-280	0.81		
MW-115B	9/23/2017	6.42	7.0	4.05	-227	1.2		
MW-115C	9/23/2017	6.82	7.7	18.7	-132	0.88	540	19000
MW-115D	9/23/2017	10.22	10.1	33.9	-357	1.24		
MW-116A	9/23/2017	5.97	6.4	0.051	-146	0.87		
MW-116B	9/23/2017	6.5	7.5	0.25	-25	0.99		
MW-116C	9/23/2017	7.42	7.8	5.87	-138	0.88		
MW-117A	9/24/2017	5.81	6.7	0.215	-124	0.91		
MW-117B	9/24/2017	4.81	5.9	0.181	-25	0.8		
MW-117C	9/24/2017	5.64	6.4	0.241	-28	0.61		
MW-117D	9/24/2017	6.94	8.0	0.542	-99	0		
MW-131	9/24/2017	9.58	9.4	2.18	-371	0.84		
MW-132	9/27/2017	9.48	9.6	3.09	-409	0.24		
MW-133	9/27/2017	8.87	9.0	6.36	-419	0.21		
MW-135	9/24/2017	9	8.7	4.35	-305	0		
MW-1C	10/3/2017	6.52	7.1	27.9	-219	0	4700	21000
MW-1C	10/23/2017	7.05		28.9	-221	0		
MW-2C	10/3/2017	6.57	7.2	28.2	-204	0.39	4500	21000
MW-2C	10/23/2017	7.1		28.4	-199	0		
MW-301A	10/3/2017	6.55	7.4	30.7	-386	0		
MW-301A	10/23/2017	7.44		32.1	-373	0		
MW-301B	10/3/2017	9	9.0	6.2	-402	0.6		
MW-301B	10/23/2017	9.82		3.93	-376	0		
MW-302	9/28/2017	4.93	4.8	2.95	-122	0.4		
MW-303	9/29/2017	4.4	4.4	0.822	-188	0		
MW-304	9/24/2017	9.28	9.1	13.8	-440	0.64		
MW-305	9/27/2017	7.4	7.9	11.8	-356	0.26		
MW-306B	9/29/2017	11.05	10.6	12.7	-455	0		
MW-307A	9/26/2017	6.99	7.5	0.599	-35	1.34		
MW-307B	9/26/2017	7.85	8.1	3.93	-188	0.26		
MW-308	9/28/2017	6.44	6.9	6.57	-229	0		
MW-309	9/29/2017	5.44	6.0	1.9	-125	0		
MW-310A	9/28/2017	5.31	5.5	7.44	-179	0		
MW-310B	9/28/2017	6.67	7.0	5.3	-100	0.45		
MW-311A	9/29/2017	6.74	6.9	3.28	-306	0		
MW-311B	9/29/2017	6.56	6.9	13.4	-116	0.3		
MW-312A	9/29/2017	6.8	7.3	7.27	-304	0.34		
MW-312B	9/29/2017	7.64	8.0	10.8	-375	0.25		
MW-313A	9/29/2017	7.42	7.6	7.14	-390	0		
MW-313B	9/29/2017	10.44	10.1	7.47	-353	0		
MW-314A	9/25/2017	5.73	6.5	0.268	-75	0.87		
MW-314B	9/25/2017	5.1	5.9	0.162	21	0		
MW-351A	9/30/2017	6.06	6.7	0.183	-156	0		
MW-351B	9/30/2017	8.54	8.7	8.27	-304	0		
MW-352A	10/1/2017	5.87	6.5	1.83	-233	0.65	900	1100
MW-352B	10/1/2017	7.14	7.6	40.2	-214	0.5	16000	31000
MW-352D	10/1/2017	6.59	7.4	7.14	-85	0		
MW-353A	9/25/2017	6.78	7.4	6.79	-303	0.85		
MW-353B	9/25/2017	7.17	8.3	47.6	-378	2.72	570	26000

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2017

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)	Alkalinity (mg/L)	Total Dissolved Solids (mg/L)
MW-354A	9/5/2017	6.91	7.6	1.63	-298	1.36		

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2017

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)	Alkalinity (mg/L)	Total Dissolved Solids (mg/L)
MW-354B	9/5/2017	8.26	8.3	24.6	205	0		
MW-355A	9/28/2017	5.55	6.1	0.087	18	0.61		
MW-355B	9/28/2017	5.5	5.9	0.194	-6	0.36		
MW-356A	9/24/2017	9.92	9.6	2.32	-481	0.59		
MW-356B	9/24/2017	9.56	9.1	3.49	-426	0		
MW-357A	9/23/2017	6.62	7.2	8.38	-204	1.25	1600	6000
MW-357B	9/23/2017	6.44	7.8	0.156	-6.4	1.06	150	220
MW-358A	9/6/2017	6.59	7.4	3.48	-303	0		
MW-358B	9/6/2017	10.99	10.7	39.9	-456	0.95	2600	20000
MW-358D	9/6/2017	7.02	7.7	68.2	-128	0		
MW-359A	9/24/2017	6.62	7.4	0.342	-136	0		
MW-359B	9/24/2017	9.47	9.5	6.58	-333	0.83		
MW-360D	9/25/2017	10.36	10.4	42.6	-418	0		
MW-501A	9/22/2017	5.9	7.6	1.31	-145	5.08		
MW-501B	9/22/2017	7.05	8.6	10.9	-160	0.53	0	8400
MW-502A	9/22/2017	6.41	8.2	5.15	-179	0.81	2400	1900
MW-502B	9/22/2017	6.36	8.2	5.41	-67	0	2600	3700
MW-503A	9/22/2017	5.62	6.4	3.02	-158	2.7		
MW-503B	9/22/2017	6.03	7.9	11.4	-204	0.63	680	8300
MW-504A	9/21/2017	6.7	7.3	8.66	-280	1.29	1400	7100
MW-504B	9/21/2017	6.59	7.6	8.1	-144	0.64	2200	5100
MW-505A	9/22/2017	6.44	8.6	10.7	-311	0.99	1100	9000
MW-505B	9/22/2017	6.32	8.5	7.63	-220	0.54	1700	6100
MW-506A	9/25/2017	9.39	9.3	9.35	-447	0.68		
MW-506B	9/25/2017	6.46	7.7	39.4	-222	0		
MW-507A	9/26/2017	6.64	7.2	11.7	-292	1.09		
MW-507B	9/26/2017	7.41	8.2	32.2	-290	0	3700	23000
MW-508A	9/23/2017	6.51	7.2	8.53	-280	0.62		
MW-508B	9/23/2017	6.69	7.6	38.2	-335	0	510	28000
MW-509A	9/23/2017	6.21	7.1	3.7	-202	0.67		
MW-509B	9/23/2017	9.36	9.4	34.8	-459	0		
MW-510A	9/25/2017	6.42	6.8	8.24	-236	0		
MW-510B	9/25/2017	6.92	8.1	17	-257	0.82	680	19000
MW-511A	9/25/2017	6.97	7.8	4.86	-189	0		
MW-511B	9/25/2017	6.67	8.0	11.5	-153	0.43	1700	8100
MW-512A	9/26/2017	6.41	7.3	5.75	-129	0		
MW-512B	9/26/2017	7.21	7.6	14.8	-197	1.01	6700	17000
MW-513A	9/30/2017	6.3	6.7	3.79	-179	0.03	2100	3300
MW-513B	9/30/2017	11.02	10.6	52.3	-394	0	17000	35000
MW-514A	10/1/2017	6.58	7.3	8.91	-112	0	5400	6400
MW-514B	10/1/2017	6.39	7.2	3.81	-82	0.69	1300	2100
MW-515A	9/30/2017	9.95	9.4	8.21	-401	0.86		
MW-515B	9/30/2017	7.66	7.9	10.9	-295	0	2500	10000
MW-516A	10/2/2017	6.52	7.2	6.76	-199	0		
MW-516B	10/2/2017	9.79	9.9	25.2	-3222	0	1300	20000
MW-517A	10/3/2017	9.78	9.6	6.32	-436	0.57	1200	4600
MW-517A	10/24/2017	9.82		5.75	-483	0		
MW-517B	10/3/2017	6.85	7.3	17.7	-253	0.77	4300	14000

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2017

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)	Alkalinity (mg/L)	Total Dissolved Solids (mg/L)
MW-517B	10/24/2017	7.2		17.9	-356	0.64		
MW-518A	10/2/2017	7.34	7.9	6.74	-364	0		
MW-518B	10/2/2017	6.42	7.1	8.12	-163	0	510	7100
MW-519A	10/3/2017	6.83	7.4	4.3	-211	4.48		
MW-519A	10/24/2017	6.86		3.9	-291	0		
MW-519B	10/3/2017	6.6	7.2	32.8	-189	0.74	5500	25000
MW-519B	10/24/2017	6.68		34.6	-257	0		

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2018-2019

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)
HWEast1	9/28/2018	7.17	7.2	13.53	-76.8	0.18
HWEast2	9/28/2018	6.88	7.2	9.32	-84.5	0.87
HWEast3	9/28/2018	7.04	7.2	6.712	-50.3	0.15
HWEast4	9/28/2018	9.13	9.0	21.02	-304.9	0.07
HWEast5	9/28/2018	9.85	9.6	44.23	-387.9	0.01
HWEast6	9/28/2018	6.65	7.0	1.039	-251.5	0.11
HWWest1	9/26/2018	8.55	8.1	16.42	-130.4	0.05
HWWest2	9/27/2018	11.21	10.8	54.72	-268.4	1.72
HWWest3	9/27/2018	11.31	10.8	54.8	-358.6	1.27
HWWest4	9/27/2018	10.94	10.3	47.7	-310.1	0.1
HWWest5	9/26/2018	8.4	8.1	18.64	-262.8	0.04
HWWest6	9/26/2018	7.5	7.7	8.79	-55.5	5.68
MW-105A	9/22/2018	6.06	6.4	0.53	-157.3	0.14
MW-105B	9/22/2018	6.18	6.5	1.85	-96.8	0.04
MW-105C	9/22/2018	6.58	7.0	6.64	-66.7	0.13
MW-112A	9/22/2018	6.48	6.8	4	-256.2	0.08
MW-112B	9/22/2018	6.42	6.7	25.42	-106.6	0.4
MW-112C	9/22/2018	9.49	9.4	42.61	-451.6	0.14
MW-113A	9/22/2018	9.55	9.2	1.05	-218	0.11
MW-113B	9/22/2018	7.6	7.9	3.819	-301.3	0.11
MW-113C	9/22/2018	9.24	9.1	26.94	-431	0.01
MW-115A	9/23/2018	6.99	7.5	2.68	-312	0.04
MW-115B	9/23/2018	6.8	7.0	2.84	-125.2	0.03
MW-115C	9/23/2018	6.82	7.0	21.27	-135.7	0.08
MW-115D	9/23/2018	9.93	9.9	33.66	-356.7	0.1
MW-351A	9/25/2018	5.62	6.2	0.313	-220.4	0.16
MW-351B	9/25/2018	8.26	8.1	6.931	-53.1	0.05
MW-352A	9/26/2018	6.96	7.4	5.44	-154	0.09
MW-352B	9/26/2018	7.07	7.6	35.75	-198	0.06
MW-352D	9/26/2018	6.6	7.2	7.67	-104.8	0.23
MW-353A	9/24/2018	6.61	7.0	5.78	-251.4	0.05
MW-353A	1/9/2019	6.56		5.15	-263.8	0.13
MW-353B	9/24/2018	6.59	7.1	26.12	-343.1	0.03
MW-354A	9/24/2018	6.81	7.1	1.874	-285.6	0.08
MW-354B	9/24/2018	8.02	8.0	32.1	-302.5	0.03
MW-355A	9/25/2018	5.19	5.8	0.282	-105.7	0.51
MW-355B	9/25/2018	6.4	6.9	1.211	-25.6	0.17
MW-356A	9/24/2018	10.17	10.0	2.709	-371.4	0.04
MW-356B	9/24/2018	9.1	8.9	3.173	-206.2	0.04
MW-357A	9/24/2018	6.64	7.0	6.68	-113.6	0.51
MW-357A	10/6/2018	7.07		7.31	-45.7	0.25
MW-357B	9/24/2018	6.81	7.0	4.3	-78.9	0.26
MW-358A	9/25/2018	6.57	7.1	3.42	-292	0.11
MW-358B	9/25/2018	10.59	10.5	27.95	-502	0.05

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2018-2019

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)
MW-358D	9/25/2018	6.98	7.4	49.25	-156	0.15
MW-359A	9/23/2018	6.82	7.1	0.331	-76.7	0.08
MW-359B	9/23/2018	9.42	9.2	5.087	-303.8	0.08

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2018-2019

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)
MW-360D	9/23/2018	10.34	10.1	39.01	-329.1	0.03
MW-361A	1/15/2019	10.26	9.9	0.91	-270.4	0.42
MW-361B	1/15/2019	10.42	10.1	1.53	-285.3	4.42
MW-362A	1/15/2019	9.2	8.4	0.93	-197.6	0.04
MW-362B	1/15/2019	8.8	8.3	16.14	-405.2	0.01
MW-501A	9/23/2018	6.32	6.7	0.681	-203.4	0.29
MW-501B	9/23/2018	7.06	7.3	9.684	-89.3	0.26
MW-502A	9/23/2018	6.48	6.8	5.122	-232.3	0.8
MW-502B	9/23/2018	6.55	6.9	4.9	0	0.37
MW-503A	9/23/2018	6	6.1	2.948	-65.8	0.3
MW-503B	9/23/2018	6.18	6.5	10.14	-194	0.18
MW-504A	9/22/2018	6.57	6.8	6.932	-161.4	0.27
MW-504B	9/22/2018	6.5	6.9	6.915	-179	0.45
MW-505A	9/22/2018	6.51	6.8	8.113	-312.1	0.53
MW-505B	9/22/2018	6.79	7.0	12.89	-98.3	0.37
MW-506A	1/9/2019	6.78	7.0	8.11	-335.6	0.09
MW-506A	1/11/2019	6.77		8.13	-328.6	0.07
MW-506B	1/9/2019	6.5	6.6	30.31	-270.4	1.36
MW-506B	1/11/2019	6.5		30.27	-281.8	1.29
MW-507A	1/11/2019	6.55		13.87	-248.3	0.14
MW-507B	1/10/2019	6.99	7.1	26.84	-256.6	0.06
MW-507B	1/11/2019	6.98		26.82	-237.6	0.06
MW-508A	9/23/2018	6.8	7.0	8.11	-220.1	0.02
MW-508B	9/23/2018	7.01	7.4	33.62	-351.2	0.07
MW-509A	9/23/2018	6.24	6.6	3.401	-222.9	0.23
MW-509B	9/23/2018	9.36	9.1	32.18	-381.6	0.04
MW-510A	9/26/2018	6.28	6.8	7.62	-175.9	0.04
MW-510B	9/26/2018	6.76	7.2	23.41	-221.7	0.05
MW-511A	9/24/2018	7.01	7.4	3.8	-150.3	0.07
MW-511A	1/10/2019	6.94		3.71	-165.8	0.12
MW-511B	9/24/2018	6.5	7.0	10.41	-123.2	0.08
MW-512A	9/26/2018	6.6	7.1	6.83	-133.4	0.02
MW-512B	9/26/2018	8.7	8.7	17.79	-220.9	0.12
MW-513A	9/25/2018	6.19	6.6	1.93	-179	0.09
MW-513B	9/25/2018	9.99	10.0	33.2	-445	0.02
MW-514A	9/25/2018	7.16	7.1	1.379	-53.5	0.05
MW-514B	9/25/2018	6.8	7.5	5.82	-116.5	0.57
MW-515A	9/27/2018	6.69	7.1	5.17	-171	0.14
MW-515B	9/27/2018	7.38	7.6	18.49	-205.1	0.02
MW-516A	9/27/2018	7.61	7.8	6.41	-356	0.02
MW-516B	9/27/2018	6.73	7.0	8.49	-155	0.03
MW-517A	9/28/2018	9.94	9.7	5.21	-412.3	0.03
MW-517B	9/28/2018	8.55	8.5	16.87	-396.2	0.03
MW-518A	9/27/2018	6.76	7.0	15.13	-290	0.03

Table 1d. Site-wide Groundwater Sampling Results- Water Quality Parameters

2018-2019

Location	Date Sampled	pH, field (STU)	pH, lab (STU)	Conductivity, field (mS/cm)	ORP (mV)	Dissolved Oxygen, field (mg/L)
MW-518B	9/27/2018	7.2	7.4	26.84	-260.2	0.01
MW-519A	9/28/2018	7.03	7.3	3.29	-198	0.02
MW-519B	9/28/2018	6.51	7.0	25.39	-165.7	0.04

Table 2a. Cell Building Soil Boring Results- Metals (Not Including Mercury)

Location	Date Sampled	Depth (ft bgs)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CB1-SB-1	12/1/2018	7	3520	<0.158	<0.471	4.93	<0.248	<0.145	2120	4.3	0.476	1.74	798	3.37	161	5.94	0.657	108	<0.319	<0.172	527	<0.127	1.3	1.62
CB1-SB-1	12/1/2018	8.5	2750	<0.151	1.26	25.9	<0.238	<0.139	1630	2.23	0.533	6.31	2590	16.4	150	17.6	2.75	90.4	0.353	<0.165	911	<0.122	4.56	9.67
CB1-SB-2	12/1/2018	7.5	5200	<0.154	0.507	11.1	<0.243	<0.142	774	3.96	0.494	1.28	1150	3.42	125	13.6	1.79	163	<0.313	<0.168	488	<0.124	2.29	2.95
CB1-SB-2	12/1/2018	9	3380	<0.156	0.578	7.21	<0.245	<0.143	1110	4.22	0.311	2.02	804	8.14	235	6.17	5.47	74.4	<0.315	<0.17	687	<0.125	4.77	3.72
CB1-SB-4	12/1/2018	8.5	4180	<0.159	<0.474	10.2	<0.25	<0.146	7480	4.15	1.94	10.1	1140	6.72	306	9.6	2.11	151	0.527	0.494	403	<0.128	3.53	14.3
CB1-SB-4	12/1/2018	9.5	2200	<0.154	<0.459	6.01	<0.242	<0.141	1310	2.79	<0.149	2.07	745	10	94.5	5.32	1.23	44.9	<0.311	<0.168	505	<0.124	2.47	3.84
CB1-SB-5	11/27/2018	5.5	3650	0.475	<0.482	5	<0.254	<0.148	1270	2.91	0.978	3.66	1020	3.39	95.5	4.24	0.771	186	<0.327	<0.176	530	<0.13	1.94	2.58
CB1-SB-5	11/27/2018	8.5	807	0.357	<0.498	6.84	<0.263	<0.154	1690	1.88	0.169	4.3	1970	50	125	12.6	1.13	59.9	<0.338	<0.182	351	<0.134	2.18	11.4
CB2-SB-1	11/30/2018	4	1680	<0.149	<0.445	7.58	<0.235	<0.137	387	3.27	0.185	6.47	689	23.1	94.9	6.86	1.31	87.7	<0.302	0.194	64	<0.12	1.31	9.15
CB2-SB-1	11/30/2018	7	2970	<0.15	1.12	14.6	<0.237	<0.138	3120	2.51	0.427	10	2340	20.2	253	19.9	3.56	98.4	0.561	<0.164	119	<0.121	4.47	10.1
CB2-SB-2	11/30/2018	7.5	1430	<0.15	<0.448	5.39	<0.237	<0.138	1790	1.66	0.972	3.48	897	2.3	89.6	12.3	0.927	77.8	<0.304	0.639	434	<0.121	0.787	2.82
CB2-SB-2	11/30/2018	9.5	2270	<0.159	<0.475	4.55	<0.251	<0.146	937	1.7	<0.155	1.52	1040	3.88	71.4	9.05	1.14	166	<0.322	<0.174	698	<0.128	1.41	2.33
CB2-SB-3	11/29/2018	6.5	2730	0.245	<0.445	7.75	<0.235	<0.137	2400	1.82	1.91	5.73	1130	2.67	146	27.8	0.951	215	<0.302	0.169	258	<0.12	1.22	2.56
CB2-SB-3	11/29/2018	8.1	3520	<0.156	0.834	4.49	<0.247	<0.144	1310	4.14	0.194	2.06	2350	8.62	74.1	9.08	1.09	46.9	<0.317	<0.171	924	<0.126	1.68	2.5
CB2-SB-4	11/28/2018	8	2260	<0.156	<0.467	10.2	<0.247	<0.144	290	2.03	0.239	3	1050	11.2	144	5.26	0.853	136	<0.317	<0.171	1900	0.138	0.428	8.62
CB2-SB-4	11/28/2018	9.5	4640	<0.155	<0.464	22.9	<0.245	<0.143	3420	2.89	0.533	12.6	3600	286	421	23.6	1.67	64.4	<0.315	0.188	3760	<0.125	1.44	22.7
CB2-SB-5	11/28/2018	6	1300	<0.164	<0.49	3.54	<0.259	<0.151	1100	1.14	0.657	3.38	514	2.3	67.9	3.31	0.39	45.5	<0.332	<0.179	64.9	<0.132	0.898	3.26
CB2-SB-5	11/28/2018	9	308	<0.153	<0.456	2.87	<0.24	<0.14	330	0.787	<0.148	0.673	389	11.6	15	2.5	0.366	30.4	<0.309	<0.166	54.3	<0.123	0.653	1.77
CB2-SB-6	11/29/2018	7.8	3930	<0.158	<0.473	19	<0.25	<0.146	2550	3.51	0.706	9.25	1760	6.92	254	22	1.58	88.1	<0.321	0.27	3280	<0.127	1.42	12.2
CB2-SB-6	11/29/2018	9.5	3880	<0.158	<0.472	8.54	<0.249	<0.146	630	2.11	0.209	3.08	638	2.72	156	2.89	0.282	62.7	<0.32	<0.173	3830	<0.127	0.415	5.39
CB2-SB-7	12/2/2018	9.5	4920	<0.158	<0.471	3.87	<0.249	<0.145	1010	4.66	<0.153	1.66	468	5.31	151	3.52	0.858	81.3	0.343	<0.172	74.5	<0.127	1.61	1.1
SP-SB-1	11/30/2018	7	2810	<0.153	<0.457	26.8	<0.241	<0.141	6780	3.15	0.874	7.19	1530	72	256	15.7	1.89	92.5	<0.31	<0.167	81.6	<0.123	2.18	9.57
SP-SB-1	11/30/2018	9	1660	<0.153	0.556	12.8	<0.241	<0.141	529	2.63	0.298	3.62	2000	41.6	348	9.57	2.95	53.7	<0.31	<0.167	175	<0.123	2.2	13.8

Table 2b. Cell Building Soil Boring Results- Mercury

Cell Building 1

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB1-SB-1	12/1/2018	7	5.4
CB1-SB-1	12/1/2018	8.5	1.9
CB1-SB-1	12/1/2018	13.5	0.26
CB1-SB-1	12/1/2018	19	0.71
CB1-SB-1	12/1/2018	23.5	0.87
CB1-SB-1	12/1/2018	28.5	0.23
CB1-SB-1	12/1/2018	33	0.12
CB1-SB-1	12/1/2018	38	0.08
CB1-SB-1	12/1/2018	43.3	0.39
CB1-SB-1	12/1/2018	48	0.49
CB1-SB-1	12/1/2018	53.3	0.26

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB1-SB-2	12/1/2018	7.5	9.5
CB1-SB-2	12/1/2018	9	0.29
CB1-SB-2	12/1/2018	12.5	0.04
CB1-SB-2	12/1/2018	18	0.10
CB1-SB-2	12/1/2018	22.5	5.9
CB1-SB-2	12/1/2018	28.5	1.5
CB1-SB-2	12/1/2018	31.5	0.19
CB1-SB-2	12/1/2018	35.7	0.32
CB1-SB-2	12/1/2018	40.2	0.09
CB1-SB-2	12/1/2018	44	0.28
CB1-SB-2	12/1/2018	48	0.76
CB1-SB-2	12/1/2018	52.5	0.33

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB1-SB-4	12/1/2018	8.5	33.4
CB1-SB-4	12/1/2018	9.5	0.06
CB1-SB-4	12/1/2018	12.5	0.14
CB1-SB-4	12/1/2018	17.5	0.01
CB1-SB-4	12/1/2018	23	1.2
CB1-SB-4	12/1/2018	27.5	0.20
CB1-SB-4	12/1/2018	31.7	0.18
CB1-SB-4	12/1/2018	35.3	1.2
CB1-SB-4	12/1/2018	39.5	0.03
CB1-SB-4	12/1/2018	43.8	0.25
CB1-SB-4	12/1/2018	51.5	3.7

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB1-SB-5	11/27/2018	5.5	4.2
CB1-SB-5	11/27/2018	8.5	0.46
CB1-SB-5	11/27/2018	13.5	0.32
CB1-SB-5	11/27/2018	17.5	1.67
CB1-SB-5	11/27/2018	22.5	0.86
CB1-SB-5	11/27/2018	27.5	1.41
CB1-SB-5	11/28/2018	32.5	1.04
CB1-SB-5	11/28/2018	37.5	0.53
CB1-SB-5	11/28/2018	42.5	0.37
CB1-SB-5	11/28/2018	47.5	0.49
CB1-SB-5	11/28/2018	52.5	<0.0162

Cell Building 2

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-1	11/30/2018	4	44.3
CB2-SB-1	11/30/2018	7	0.12
CB2-SB-1	11/30/2018	13	0.10
CB2-SB-1	11/30/2018	17.5	0.12
CB2-SB-1	11/30/2018	23	0.62
CB2-SB-1	11/30/2018	28	0.02
CB2-SB-1	11/30/2018	33	0.01
CB2-SB-1	11/30/2018	38.5	0.14
CB2-SB-1	11/30/2018	43.5	0.11
CB2-SB-1	11/30/2018	48.5	0.33
CB2-SB-1	11/30/2018	53.5	0.77

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-2	11/30/2018	7.5	23.5
CB2-SB-2	11/30/2018	9.5	6.8
CB2-SB-2	11/30/2018	13	1.6
CB2-SB-2	11/30/2018	18	0.39
CB2-SB-2	11/30/2018	22.5	0.03
CB2-SB-2	11/30/2018	27.5	0.24
CB2-SB-2	11/30/2018	33.5	0.12
CB2-SB-2	11/30/2018	38.5	0.03
CB2-SB-2	11/30/2018	43.3	0.02
CB2-SB-2	11/30/2018	49	0.01

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-3	11/29/2018	6.5	13.6
CB2-SB-3	11/29/2018	8.1	0.14
CB2-SB-3	11/29/2018	9.5	0.14
CB2-SB-3	11/29/2018	18	0.51
CB2-SB-3	11/29/2018	22.5	0.24
CB2-SB-3	11/29/2018	28	0.62
CB2-SB-3	11/29/2018	33	1.1
CB2-SB-3	11/29/2018	38	0.28
CB2-SB-3	11/29/2018	42	0.19
CB2-SB-3	11/29/2018	52.5	183

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-4	11/28/2018	8	135
CB2-SB-4	11/28/2018	9.5	139
CB2-SB-4	11/28/2018	12.5	16.9
CB2-SB-4	11/28/2018	18.3	23.4
CB2-SB-4	11/28/2018	23	188
CB2-SB-4	11/28/2018	26	137
CB2-SB-4	11/28/2018	36	23.7

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-5	11/28/2018	6	3.3
CB2-SB-5	11/28/2018	9	0.32
CB2-SB-5	11/28/2018	13.5	0.27
CB2-SB-5	11/28/2018	17.5	0.67
CB2-SB-5	11/28/2018	22.5	0.71
CB2-SB-5	11/28/2018	27.5	1.5
CB2-SB-5	11/28/2018	32.5	0.73
CB2-SB-5	11/29/2018	37	0.11
CB2-SB-5	11/29/2018	41	0.68
CB2-SB-5	11/29/2018	45	0.22
CB2-SB-5	11/29/2018	48.5	1.8

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-6	11/29/2018	7.8	200
CB2-SB-6	11/29/2018	9.5	44
CB2-SB-6	11/29/2018	13.5	11.8
CB2-SB-6	11/29/2018	18	4.7
CB2-SB-6	11/29/2018	23	10.8
CB2-SB-6	11/29/2018	28	7.25
CB2-SB-6	11/29/2018	33	2.9
CB2-SB-6	11/29/2018	38	1.9
CB2-SB-6	11/29/2018	43	0.09
CB2-SB-6	11/29/2018	48.5	0.18

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-7	12/2/2018	9.5	0.23
CB2-SB-7	12/2/2018	13	0.15
CB2-SB-7	12/2/2018	18	0.06
CB2-SB-7	12/2/2018	21.5	0.05
CB2-SB-7	12/2/2018	25.5	0.07
CB2-SB-7	12/2/2018	31	2.1
CB2-SB-7	12/2/2018	36.5	0.13
CB2-SB-7	12/2/2018	41.5	0.33
CB2-SB-7	12/2/2018	46.5	0.01
CB2-SB-7	12/2/2018	51.5	0.01

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
CB2-SB-8	12/3/2018	8.5	16.3
CB2-SB-8	12/3/2018	12.5	0.07
CB2-SB-8	12/3/2018	17.5	0.03
CB2-SB-8	12/3/2018	22.5	5.2
CB2-SB-8	12/3/2018	28	0.21
CB2-SB-8	12/3/2018	32.5	0.71
CB2-SB-8	12/3/2018	38.5	0.32
CB2-SB-8	12/3/2018	43.5	0.33
CB2-SB-8	12/3/2018	48.5	0.40
CB2-SB-8	12/3/2018	53.5	0.39

Salt Plant

Location	Date Sampled	Depth (ft bgs)	Mercury (mg/kg)
SP-SB-1	11/30/2018	7	8
SP-SB-1	11/30/2018	9	0.09
SP-SB-1	11/30/2018	14	0.1
SP-SB-1	11/30/2018	18	1.1
SP-SB-1	11/30/2018	23	7
SP-SB-1	11/30/2018	27.5	2.2
SP-SB-1	11/30/2018	32.5	3.1
SP-SB-1	11/30/2018	37.5	0.37
SP-SB-1	11/30/2018	42.5	0.07
SP-SB-1	11/30/2018	48	0.11
SP-SB-1	11/30/2018	52.5	0.80

Table 2c. Cell Building Soil Boring Results- PAHs

Location	Date Sampled	Depth (ft bgs)	1-Methylnaphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Dibenzofuran (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
CB1-SB-1	12/1/2018	7	<0.0048	<0.0054	<0.0055	<0.0054	<0.0059	<0.0053	<0.0057	<0.0058	<0.0058	<0.0057	<0.005	<0.0055	<0.0028	<0.0059	<0.0059	<0.0075	<0.0049	<0.0059	<0.005
CB1-SB-1	12/1/2018	8.5	10	4.9	5.7	<0.021	3.3	2.9	1.3	1.4	0.55	1.2	2.5	0.21	3.4	9.1	6	0.41	10	14	7.9
CB1-SB-1	12/1/2018	12.5	8.5	4.5	2.4	<0.0055	1.9	1.1	0.46	0.41	0.14	0.37	0.86	0.066	0.93	4.9	4.1	0.13	10	11	3.8
CB1-SB-2	12/1/2018	7.5	<0.0048	<0.0054	<0.0055	<0.0054	<0.0059	0.0058	<0.0056	<0.0058	<0.0057	<0.0057	0.0052	<0.0055	<0.0028	0.01	<0.0059	<0.0074	<0.0049	0.0068	0.0094
CB1-SB-2	12/1/2018	9	<0.019	<0.021	0.3	<0.021	0.15	0.18	0.15	0.11	0.18	0.078	0.2	0.041	<0.011	0.41	0.17	0.072	<0.019	0.14	0.68
CB1-SB-2	12/1/2018	13.5	0.013	<0.0056	0.0062	<0.0056	<0.0061	<0.0055	<0.0059	<0.006	<0.006	<0.0059	<0.0051	<0.0057	<0.0029	0.0078	0.0069	<0.0077	0.0056	0.022	0.0097
CB1-SB-4	12/1/2018	8.5	0.021	0.032	0.2	0.027	0.53	2.2	1.8	1.8	1.2	1.7	2	0.37	0.085	5	0.16	1	0.047	2	4.2
CB1-SB-4	12/1/2018	9.5	<0.0048	0.096	0.26	<0.0053	0.22	0.63	0.48	0.29	0.39	0.16	0.69	0.14	<0.0028	0.69	0.26	0.17	<0.0049	0.34	1.5
CB1-SB-4	12/1/2018	13.5	<0.005	<0.0057	<0.0058	<0.0057	<0.0062	<0.0055	<0.0059	<0.0061	<0.006	<0.006	<0.0052	<0.0058	<0.0029	<0.0061	<0.0062	<0.0078	<0.0052	<0.0062	<0.0053
CB1-SB-5	11/27/2018	5.5	0.28	0.36	0.079	<0.0056	0.13	0.47	0.4	0.37	0.29	0.29	0.48	0.15	0.022	0.76	0.092	0.23	<0.0051	0.57	0.81
CB1-SB-5	11/27/2018	8.5	9	15	0.36	<0.029	0.53	1.2	0.82	0.5	0.57	0.23	1.3	0.39	<0.015	0.56	0.84	0.31	1.8	2.8	2.8
CB1-SB-5	11/27/2018	13.5	3.1	6.3	0.65	<0.022	2.8	1.1	0.53	0.23	0.34	0.14	0.96	0.2	0.2	1.6	2.6	0.16	1.3	29	5.7
CB2-SB-1	11/30/2018	4	0.0084	0.013	<0.0053	<0.0051	<0.0056	0.017	0.022	0.023	0.062	0.015	0.023	0.012	<0.0026	0.023	<0.0056	0.02	0.0074	0.016	0.028
CB2-SB-1	11/30/2018	7	0.078	0.17	0.047	<0.026	0.11	0.66	0.89	0.58	0.97	0.23	0.92	0.45	0.039	0.21	0.078	0.43	0.067	0.24	1.6
CB2-SB-1	11/30/2018	11.5	0.026	0.024	<0.022	<0.021	<0.023	0.035	<0.022	<0.023	<0.023	<0.022	0.032	<0.022	<0.011	<0.023	<0.023	<0.029	<0.019	0.027	0.079
CB2-SB-2	11/30/2018	7.5	<0.0046	<0.0052	<0.0053	<0.0052	0.0063	0.022	0.016	0.022	0.016	0.017	0.023	0.0058	<0.0027	0.049	<0.0057	0.013	<0.0047	0.029	0.037
CB2-SB-2	11/30/2018	9.5	<0.0048	<0.0054	0.041	<0.0054	0.051	0.1	0.069	0.043	0.069	0.017	0.14	0.03	<0.0028	0.042	0.078	0.025	<0.005	0.037	0.29
CB2-SB-2	11/30/2018	11.5	0.0059	<0.0057	0.0059	<0.0057	0.0085	<0.0056	<0.006	<0.0062	<0.0061	<0.006	0.0072	<0.0058	<0.0029	0.0064	0.014	<0.0079	<0.0052	0.018	0.029
CB2-SB-3	11/29/2018	6.5	<0.0046	<0.0052	<0.0053	<0.0052	<0.0057	0.046	0.027	0.05	0.029	0.047	0.064	0.012	<0.0027	0.13	<0.0057	0.028	<0.0048	0.028	0.09
CB2-SB-3	11/29/2018	8.1	0.0073	0.016	<0.0056	<0.0055	<0.006	0.035	0.044	0.027	0.063	0.015	0.048	0.026	<0.0028	0.011	<0.006	0.024	0.0066	0.016	0.092
CB2-SB-3	11/29/2018	9.5	<0.005	<0.0057	<0.0058	<0.0057	<0.0062	<0.0056	<0.006	<0.0061	<0.0061	<0.006	<0.0052	<0.0058	<0.0029	<0.0062	<0.0062	<0.0078	<0.0052	<0.0062	<0.0053
CB2-SB-4	11/28/2018	8	0.089	0.11	<0.0055	<0.0054	<0.0059	0.068	0.1	0.096	0.14	0.033	0.14	0.072	<0.0028	0.027	<0.0059	0.06	0.087	0.054	0.29
CB2-SB-4	11/28/2018	9.5	8	10	0.72	<0.11	<0.12	1.9	1.6	1	1.4	0.46	2.4	0.79	<0.056	0.8	1.4	0.65	7.7	2.6	3.6
CB2-SB-4	11/28/2018	11.5	31	64	1.5	<0.11	3.4	8.8	4.8	2.6	2.3	1.3	9.4	1.6	1.2	3.2	4.3	1.2	13	18	17
CB2-SB-5	11/28/2018	6	<0.005	<0.0057	<0.0058	<0.0057	0.013	0.062	0.053	0.058	0.042	0.052	0.064	0.016	<0.0029	0.12	<0.0062	0.035	<0.0052	0.045	0.099
CB2-SB-5	11/28/2018	9	16	8.6	1.2	<0.1	3.1	17	7.7	4.1	3.5	2.3	17	2.6	0.43	5	2.6	1.8	<0.095	6.5	24
CB2-SB-5	11/28/2018	16	0.015	0.0074	<0.0055	<0.0054	<0.0059	0.017	0.0091	<0.0058	<0.0057	<0.0057	0.018	<0.0055	<0.0028	<0.0058	<0.0059	<0.0074	<0.0049	0.0074	0.033
CB2-SB-6	11/29/2018	7.8	0.015	0.038	<0.0056	<0.0055	0.012	0.067	0.051	0.058	0.1	0.033	0.098	0.034	0.0046	0.054	<0.006	0.044	0.017	0.059	0.11
CB2-SB-6	11/29/2018	9.5	2	3.5	<0.011	<0.011	<0.012	0.035	<0.012	0.02	0.021	<0.012	0.077	<0.011	<0.0056	0.026	<0.012	<0.015	0.76	0.19	0.12
CB2-SB-7	12/2/2018	9.5	3.7	3.9	0.21	<0.0054	0.078	0.044	0.024	0.017	0.016	0.0072	0.04	<0.0055	<0.0028	0.033	0.4	0.0097	<0.0049	0.27	0.11
SF-SB-1	11/30/2018	7	0.18	0.063	0.13	<0.0053	0.17	0.7	0.65	0.68	0.53	0.48	0.69	0.16	<0.0028	1.3	0.16	0.41	<0.0049	0.54	1.2
SF-SB-1	11/30/2018	9	8.2	5.2	0.41	<0.0053	0.48	0.6	0.58	0.38	0.48	0.15	0.66	0.24	0.19	0.42	1	0.27	1.8	1.9	1.1
SF-SB-1	11/30/2018	13	2.3	<0.023	0.12	<0.023	0.09	0.18	0.13	0.087	0.083	0.039	0.18	0.059	<0.012	0.092	<0.025	0.066	<0.021	0.21	0.29

Table 3a. Caustic Brine Pool Profiling

Cell Building 1

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-CBP-1	11/28/2018	19.5	210	7.3	964
CB1-CBP-1	11/28/2018	34.5	43.2	26.9	1260
CB1-CBP-1	11/29/2018	45	87.6	166	5200

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-CBP-2	12/6/2018	20	1.1	0.68	298
CB1-CBP-2	12/6/2018	35	0.46	8.4	152
CB1-CBP-2	12/6/2018	46	35.4	922	11400

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-SB-1	11/30/2018	21	25.8	24.2	2510
CB1-SB-1	11/30/2018	40	21.7	20.9	3130
CB1-SB-1	11/30/2018	49	49.0	1120	8520

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-SB-2	11/29/2018	20	0.17	47.7	461
CB1-SB-2	11/29/2018	35	35.6	11.9	588
CB1-SB-2	11/30/2018	47.5	117	2520	288

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-SB-4	12/1/2018	20	0.36	<0.5	602
CB1-SB-4	12/1/2018	35	383	65.3	3100
CB1-SB-4	12/1/2018	47	158	72.6	9240

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB1-SB-5	11/28/2018	20	392	29.6	840
CB1-SB-5	11/29/2018	36	39.3	22.3	840
CB1-SB-5	11/29/2018	48	47.8	332	4210

Cell Building 2

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-1	12/2/2018	20	0.32	0.87	229
CB2-SB-1	12/3/2018	35	22.3	<1.3	2580
CB2-SB-1	12/3/2018	50	465	3040	32700

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-2	12/4/2018	22	1.3	1.9	199
CB2-SB-2	12/4/2018	33	1.4	<1.3	977
CB2-SB-2	12/4/2018	49	43.8	<1.3	32000

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-3	12/4/2018	18	96.1	<1.3	2870
CB2-SB-3	12/4/2018	29	19.7	3.6	274
CB2-SB-3	12/4/2018	49	7.8	<1.3	28400

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-4	12/5/2018	20	7340	407	2320
CB2-SB-4	12/5/2018	35	3040	<1.3	2900
CB2-SB-4	12/5/2018	49	691	9090	47200

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-5	12/3/2018	21	5.7	77.7	458
CB2-SB-5	12/3/2018	35	22.4		
CB2-SB-5	12/3/2018	45	26.3		1880

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
CB2-SB-6	12/3/2018	20	5070	13.3	1010
CB2-SB-6	12/3/2018	35.5	151	<1.3	3840
CB2-SB-6	12/4/2018	49	31.7	<1.3	48000

Salt Plant

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
SP-CBP-3	12/5/2018	20	38.1	<1.3	1200
SP-CBP-3	12/6/2018	35	5.24	2.0	1490
SP-CBP-3	12/6/2018	50	237	26.5	8660

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
SP-CBP-4	12/1/2018	20	165	<1.3	956
SP-CBP-4	12/1/2018	35	289	14.2	2560
SP-CBP-4	12/1/2018	46	85.9	1920	11400

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
SP-CBP-5	12/1/2018	20.5	258	<1.3	2100
SP-CBP-5	12/2/2018	35	128	2.1	1680
SP-CBP-5	12/2/2018	45	238	9.8	2910

Location	Date Sampled	Depth (ft bgs)	Mercury (µg/L)	Silica, as SiO2 (mg/L)	Total Dissolved Solids (mg/L)
SP-SB-1	12/1/2018	24	182	<0.5	956
SP-SB-1	12/1/2018	35.5	139	<1.3	1880
SP-SB-1	12/1/2018	49	624	13000	50000

Table 3b. Caustic Brine Pool Profiling- Water Quality Parameters

Cell Building 1

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-CBP-1	11/28/2018	19.5	7.56	807	68
CB1-CBP-1	11/28/2018	34.5	8.97	577	-38
CB1-CBP-1	11/29/2018	45	11.4	6280	134

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-CBP-2	12/6/2018	20	6.49	532	-14
CB1-CBP-2	12/6/2018	35	5.7	273	20
CB1-CBP-2	12/6/2018	46	12.1	20700	-147

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-SB-1	11/30/2018	21	11.4	935	-88
CB1-SB-1	11/30/2018	40	9.9	917	-245
CB1-SB-1	11/30/2018	49	11.8	13040	33

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-SB-2	11/29/2018	20	7	721	-44
CB1-SB-2	11/29/2018	35	9.44	526	-112
CB1-SB-2	11/30/2018	47.5	11.9	21500	-140

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-SB-4	12/1/2018	20	6.7	651	-25
CB1-SB-4	12/1/2018	35	10.9	1159	-74
CB1-SB-4	12/1/2018	47	11.2	10350	-283

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB1-SB-5	11/28/2018	20	10.8	1273	-47
CB1-SB-5	11/29/2018	36	9.12	233	234
CB1-SB-5	11/29/2018	48	11.7	2500	-25

Cell Building 2

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-1	12/2/2018	20	6.57	428	15
CB2-SB-1	12/3/2018	35	8.41	1389	-88
CB2-SB-1	12/3/2018	50	12	46500	-250

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-2	12/4/2018	22	6.14	423	33
CB2-SB-2	12/4/2018	33	6.94	787	-9
CB2-SB-2	12/4/2018	49	6.53	52900	40

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-3	12/4/2018	18	8.74	1930	-156
CB2-SB-3	12/4/2018	29	6.33	450	15
CB2-SB-3	12/4/2018	49	7.94	46500	-55

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-4	12/5/2018	20	12.4	3620	14
CB2-SB-4	12/5/2018	35	9.34	2390	32
CB2-SB-4	12/5/2018	49	12.4	51500	-250

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-5	12/3/2018	21	5.94	505	12
CB2-SB-5	12/3/2018	35	7.47	2190	-60
CB2-SB-5	12/3/2018	45	9.24	1740	-146

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
CB2-SB-6	12/3/2018	20	9.39	1161	-114
CB2-SB-6	12/3/2018	35.5	8.3	2130	-112
CB2-SB-6	12/4/2018	49	9.38	76000	-12

Salt Plant

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
SP-CBP-3	12/5/2018	20	9.62	895	-119
SP-CBP-3	12/6/2018	35	9.39	724	-48
SP-CBP-3	12/6/2018	50	9.69	13740	-173

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
SP-CBP-4	12/1/2018	20	8.04	1209	-38
SP-CBP-4	12/1/2018	35	10.2	2480	-8
SP-CBP-4	12/1/2018	46	11.5	17200	-71

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
SP-CBP-5	12/1/2018	20.5	8.3	1360	-149
SP-CBP-5	12/2/2018	35	6.87	314	18
SP-CBP-5	12/2/2018	45	9.91	2760	-226

Location	Date Sampled	Depth (ft bgs)	pH, field (STU)	Conductivity, field (mS/cm)	ORP (mV)
SP-SB-1	12/1/2018	24	7.54	1101	-16
SP-SB-1	12/1/2018	35.5	7.07	1329	42
SP-SB-1	12/1/2018	49	12.4	52000	-264

Table 4a. K_d Study Aquifer Matrix Results

Location	Date Sampled	Mercury (µg/kg)	Mercury F-0 (µg/kg)	Mercury F-1 (µg/kg)	Mercury F-2 (µg/kg)	Mercury F-3 (µg/kg)	Mercury F-4 (µg/kg)	Mercury F-5 (µg/kg)	Methyl mercury (µg/kg)
MW-361A	1/10/2019	873	1.34	360	447	323	812	29.7	0.668
MW-361B	1/10/2019	1510	<0.22	308	121	66.4	51.2	12.1	0.097
MW-362A	1/10/2019	6630	0.48	1680	1690	317	511	406	3.31
MW-362B	1/9/2019	3710	<0.22	265	230	190	423	40.8	1.68

Table 4b. Groundwater Results for K_d Study and Thermodynamic Modeling

Location	Date Sampled	Chloride (mg/L)	Ferrous Iron (mg/L)	Silica, as SiO2 (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Total Organic Carbon (TOC) (mg/L)	Hg-(0) (µg/L)	Methyl Mercury (µg/L)
MW-351A	9/25/2018	55	0.264	5.3	12.5	4	2.3		
MW-351B	9/25/2018	1960	1.59	20.5	90.4	2.6	17.2		
MW-352A	9/26/2018	161	2.54	39.9	34.5	<0.7	44.6		
MW-352B	9/26/2018	7420	1.74	114	696	0.93	81.2		
MW-353A	9/24/2018	287	0.118	47.5	<1.5	4	<250		
MW-353B	9/24/2018	6550	1.97	73.9	591	17.1	<2500		
MW-354A	9/24/2018	203	0.038	4.8	9.8	3.8	109		
MW-354B	9/24/2018	9790	<0.015	73.2	740	25.8	793		
MW-355A	9/25/2018	60.2	0.302	3.9	7.7	0.79	1.4		
MW-355B	9/25/2018	337	0.51	2	9.3	0.79	10.7		
MW-356A	9/24/2018	131	1.44	55.9	9.7	2.6	258		
MW-356B	9/24/2018	208	6.69	23.6	8.9	2	463		
MW-357A	9/24/2018	803	6.14	128	17.2	<0.7	<250		
MW-357B	9/24/2018	795	9.95	81.8	30	<0.7	60.8		
MW-358A	9/25/2018	752	0.0837	24.4	4.3	8.1	54.7		
MW-358B	9/25/2018	7580	0.54	<1	457	31			
MW-358B	9/27/2018						407		
MW-361A	1/15/2019	12.9	9.01	19.1	34.3	1.7	19.7	<8.0E-5	0.005
MW-361B	1/15/2019	301	14.1	33.7	32.6	<2.8	8.4	<8.0E-5	0.006
MW-362A	1/15/2019	26.5	1.81	37.7	18.9	<0.7	47.4	<8.0E-5	0.03
MW-362B	1/15/2019	4570	29.8	27.7	259	<14	359	0.0001	0.08
MW-506A	1/9/2019								0.02
MW-506B	1/9/2019								0.04
MW-507A	1/10/2019								0.36
MW-507B	1/10/2019								0.14

ATTACHMENT 1- BORING LOGS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No.: CB1-SB-1	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 12/1/2018	DATE FINISHED: 12/1/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 55	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5	1			silty sand, fine to medium, tan to brown	
	2			silty sand, fine to medium, dark brown, oil staining	
10				silty sand, fine, brown	
				no recovery	
	3			well sorted sand, fine to medium, dark brown (oil staining)	
	4			well sorted sand, fine to medium, light gray	
15				no recovery	
	5			well sorted silty sand, fine, light gray to brown	
20				no recovery	
	6			well sorted sand, fine to medium, gray	
25				clayey sand, fine, light gray	
	7				
30				no recovery	
				dense sand, fine, clay layers	
	8			well sorted sand, medium, light gray, grout 33.6-34'	
35				well sorted sand, fine, light gray	
				no recovery	
	9			well sorted sand, fine to medium, light gray	
40				no recovery	
	10			well sorted sand, fine, light gray, grout 43.2-43.4'	
45				layered fine sand and clay, light gray	
				well sorted sand, medium to coarse, light gray	
	11			no recovery	
50				dense alternating well sorted fine to medium sand and sandy clay, light to medium gray	
				no recovery	
	12			dense sandy clay, sand grading fine to coarse	
55				clay, fossil and shell fragments present	

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No.: CB1-SB-5	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 12/1/2018	DATE FINISHED: 12/1/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 53	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5					
	1			silty sand, fine, light brown	
	2			silty sand, fine, dark brown, oily	
10				no recovery	
				sand, fine, dark brown, stained	
	3			sand, fine to medium, brown, stained	
	4			sand, fine to medium, dark reddish brown, stainined	
15				well sorted sand, fine to medium, brown to tan	
	5			no recovery	
20				well sorted sand, medium, light gray	
				no recovery	
	6			well sorted sand, fine, light gray	
				well sorted sand, coarse, light gray	
25				no recovery	
	7			siilty sand, abundant clay layers, gray	
30				no recovery	
	8			silty sand, abundant clay layers, gray	
				no recovery	
35	9			silty sand, abundant clay layers, gray	
				no recovery	
40	10			clayey sand, dark gray	
				well sorted sand, medium, gray, clay stringers	
				no recovery	
	11			well sorted sand, medium, clay layers	
45				well sorted sand, medium	
				no recovery	
	12			alternating well sorted coarse sand and clay layers	
50				dense clay	
				no recovery	
	13			alternating layers of medium coarse sand and clay	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CB1-SB-4	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 12/1/2018	DATE FINISHED: 12/1/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 54	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5					
	2 1			silty sand, fine, tan to dark brown, oil staining 8.7-10'	
10				no recovery	
	4 3			silty sand, fine, dark brown, oil stained	
15				no recovery	
	5			silty sand, fine to medium, reddish brown	
20				no recovery	
				silty sand, fine, light brown	
	6			well sorted sand, fine, light gray	
25				no recovery	
	7			well sorted sand, medium	
				alternating fine sand and clay layers	
30				no recovery	
	8			alternating fine sand and fat clay layers	
				no recovery	
35	9			alternating well sorted sand and clay layers, grout 35.5'	
				no recovery	
40	10			well sorted sand, medium	
				no recovery	
	11			alternating layers of clay and sand, very dense at 45'	
45				no recovery	
				alternating layers fat clay and dense well sorted sand	
50				very dense clay with minor dense sand layers	
	12			very dense clay, shell fragments 51-53'	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CB1-SB-2	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/27/2018	DATE FINISHED: 11/28/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 53	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5	1			well sorted sand, fine, tan	
	2			well sorted sand, fine, black staining, heavy oil staining at 6'	
10	3			well sorted sand, fine, heavy oil staining from 12.5-14'	
15				well sorted sand, medium, tan	
	4			well sorted sand, fine, gray	
20	5			sand, medium, gray	
25	6				
30	7			well sorted sand, fine to medium, gray, clay stingers from 28.5-30'	
35	8				
40	9				
45	10			well sorted sand, fine to medium, dark gray	
50				well sorted sand, medium to coarse grading to fine, light gray	
	11			fat clay, gray	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CBS-SB-1	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/30/2018	DATE FINISHED: 11/30/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 55	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
				sand and rock/gravel fragments	
	1			silty sand, fine, brown to dark brown	
5				no recovery	
	2			silty sand, fine, brown to dark brown, gravel chunks 8-9'	
10				no recovery	
	3			sand, medium, very heavy oil staining	
	4			sand, fine to medium, moderate staining	
15				sand, fine, brown	
				no recovery	
	5			well sorted sand, fine, tan to brown	
20				no recovery	
	6			well sorted sand, medium, tan	
25				well sorted sand, fine, dark brown coloration layers	
				no recovery	
	7			silty sand, fine, tan	
30				well sorted sand, medium, gray	
				no recovery	
	8			silty sand, medium, gray	
35				silty sand, fine, light gray	
				no recovery	
	9			clayey sand, fine, dark gray	
40				no recovery	
	10			well sorted sand, coarse,gray, thin clay layers	
45				well sorted sand, coarse, gray	
				no recovery	
	11			dense sand, medium, gray, clay stringers	
50				very dense sandy clay, tan to gray	
				no recovery	
	12			dense clay with thin sand layers, fossil shells at 53.5'	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CB2-SB-2	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/30/2018	DATE FINISHED: 11/30/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 50	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5					
	1			silty sand, fine, brown, stained 9.6-10'	
10	2			no recovery	
	3			sand, fine to medium, dark brown, oil stained	
	4			layered light to dark brown fine to medium sand	
15				no recovery	
	5			well sorted sand, fine to medium, variable brown to tan	
20					
	6			well sorted sand, fine, light brown to gray	
25					
	7				
30				no recovery	
	8			well sorted sand, fine to medium, light gray	
35				dense silty fine sand to clay	
				no recovery	
	9			well sorted sand, fine, light brown to gray	
40				no recovery	
	10			well sorted sand, fine to medium, gray	
45				silty sand, fine, gray	
				no recovery	
	11			well sorted sand, coarse, gray	
50				alternating fat clay and coarse sand	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CBS-SB-3	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/29/2018	DATE FINISHED: 11/29/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 55	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5	1			silty sand, fine, tan	
				silty sand, fine, brown	
10	2				
	3			well sorted sand, fine, reddish brown	
15				no recovery	
				well sorted sand, fine, reddish brown	
	4			well sorted sand, fine to medium, brown	
				well sorted sand, medium, brown	
20				silty sand, medium, gray	
				no recovery	
	5			sand, fine, gray, slight amount of silt	
25				no recovery	
	6			well sorted sand, fine to medium, gray	
30				no recovery	
	7			silty sand, fine to medium, clay lenses	
35				no recovery	
				well sorted sand, medium, gray	
	8			silty sand, medium to coarse, dark gray, clay stringers	
40				well sorted sand, medium, gray	
	9			dense silty sand, medium, clay stringers	
				sand, coarse, clay layers	
45				no recovery	
				well sorted sand, medium to coarse, dark gray	
50				clay with fine sand lenses, elemental Hg beads present	
	10			mostly clay with fine sand layer, elemental mercury beads present	
55				clay	
				well sorted sand, medium	
				dense sandy clay, shell fragments	
				cemented sandstone layer	

EPS

PROJECT: LCP OUX: Cell Building Characterization		Log of Boring No. CBS-SB-4	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/28/2018	DATE FINISHED: 11/28/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 50	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5				sand, fine, tan, heavy oil staining from 3.5-5'	
	1				
10	2			no recovery	
	3			sand, fine, tan, light to moderate oil staining	
	4			well sorted sand, fine, light gray	
15				no recovery	
	5			well sorted sand, fine, light gray, tan mottling from 16.5-17.7'	
20				well sorted sand, fine, light gray	
	6				
25	7			well sorted sand, fine, gray, clayey sand at 32' and 36', elemental Hg beads present 28-29', 31-33', and 33-35'	
30					
35	8				
				well sorted sand, medium, light gray, elemental Hg beads present 38.8-41'	
40				clayey sand, dark gray, fine, elemental Hg beads present	
45				sand, fine to medium ,gray, elemental Hg beads present	
				no recovery	
50				clay plug recovered from base of final core sleeve	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CB2-SB-2	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/28/2018	DATE FINISHED: 11/29/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 50	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5	1			sand, fine, brown, mottled oil staining from 7.2-8.2'	
	2			sand, fine, brown, saturated with oil	
10				no recovery	
				sand, fine, dark brown, saturated with oil	
	3			sand, brown, fine	
15	4			well sorted sand, medium to coarse, dark brown, soil stained	
	5			sand, fine, brown	
20				sand, fine, light brown	
	6			well sorted sand, fine, gray	
25				well sorted sand, medium to coarse, dark gray	
	7			well sorted sand, medium to coarse, gray	
30				no recovery	
	8			well sorted sand, fine, dark brown	
35	9			well sorted sand, fine, gray	
40	10			well sorted sand, fine, gray, periodic black mottling	
45	11			well sorted sand, coarse, gray	
				clayey sand, fine, dark gray	
	12			layered fat clay with fine to medium sand stringers	
50				dense clayey sand to sandy clay with fossil fragments	
55					

EPS

PROJECT: LCP DUS: Cell Building Characterization	Log of Boring No. CBS-SB-9
SITE LOCATION: Brunswick, GA	TOP OF CASING ELEVATION (ft):
DRILLING CONTRACTOR: Cascade Drilling	DATE STARTED: 11/29/2018 / DATE FINISHED: 11/29/2018
DRILLING METHOD: Direct Push	TOTAL DEPTH (ft.): 50 / SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT: Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.): / CASING (ft.):
SAMPLING METHOD: Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25 / WELL DIAMETER (In.):
LOGGED BY: Kirk Kessler & Joe Terry	

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–7.8				no recovery	
7.8–9.5	1, 2			silty sand, fine, tan grading to gray coloration, staining at 7.8' and 9.5'	
9.5–12				no recovery	
12–14	3			silty sand, fine, tan, more coarse 14-15'	
14–16				no recovery	
16–17.5	4			well sorted sand, medium, gray	
17.5–19				well sorted sand, fine, gray	
19–22				no recovery	
22–24	5			well sorted sand, fine, light gray	
24–25.5				no recovery	
25.5–26.5				well sorted sand, fine to medium, light gray	
26.5–28	6			grades to medium sand and color gradient dark gray	
28–29.5				well sorted sand, medium, gray	
29.5–31				no recovery	
31–33	7			well sorted sand, medium, gray	
33–34.5				sand, fine to medium tan, thin silt lenses	
34.5–38	8			well sorted sand, fine to medium, contains some clay stringers	
38–40				no recovery	
40–41.5				well sortd sand, fine to medium, light gray	
41.5–43	9			dense silty fine sand, clay, and coarse sand alternating layers	
43–45				well sorted sand, medium to coarse, light gray	
45–47	10			sand, medium to coarse, dark gray, contains clay stringers	
47–50				gray clay	

EPS

PROJECT: LCP OU3: Cell Building Characterization	Log of Boring No. CB3-SB-1
SITE LOCATION: Brunswick, GA	TOP OF CASING ELEVATION (ft):
DRILLING CONTRACTOR: Cascade Drilling	DATE STARTED: 12/2/2018 / DATE FINISHED: 12/2/2018
DRILLING METHOD: Direct Push	TOTAL DEPTH (ft.): 53 / SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT: Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.): / CASING (ft.):
SAMPLING METHOD: Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25 / WELL DIAMETER (In.):
LOGGED BY: Kirk Kessler & Joe Terry	

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				fill material	
5				no recovery	
				well sorted sand, fine, dark brown to black	
	1			well sorted sand, fine, dark reddish brown, oil staining	
10				no recovery	
	2			well sorted sand, fine, color grades from moderate to light with depth, oil staining	
15				well sorted sand, coarse, light oil staining	
				no recovery	
	3			well sorted sand, fine to medium	
				well sorted sand, coarse	
20				no recovery	
	4			well sorted sand, fine, brown to tan	
				well sorted sand, medium to coarse, gray	
				no recovery	
25	5			well sorted sand, fine, gray, grout 26-26.5'	
				well sorted sand, medium, gray	
				no recovery	
30	6			well sorted sand, fine to medium, gray, grout 31-31.5'	
				well sorted sand, medium to coarse, gray	
				no recovery	
35	7			well sorted sand, medium, fat clay lenses	
				well sorted sand, medium to coarse, dark gray	
40				no recovery	
	8			well sorted sand, medium to coarse, some clay lamination	
				layered sequences sand and clay	
45				no recovery	
	9			very dense sand, coarse sand, dark gray, clay laminations	
				well sorted sand, fine, tan	
50				no recovery	
	10			laminated clay and sand, very dense	
				very dense clay, layers of shell fragments	
55					

EPS

PROJECT: LCP OU3: Cell Building Characterization		Log of Boring No. CBS-SB-8	
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 12/3/2018	DATE FINISHED: 12/3/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 55	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
				fill material and gravel layers at base	
				silty sand, fine, dark brown	
5				no recovery	
	1			silty sand, fine, brown to dark brown	
10				no recovery	
	2			silty sand, fine, very dark brown ,oil staining	
				silty sand, fine, reddish brown	
15				silty sand, fine, reddish brown	
	3			well sorted sand, tan to light gray, coarses fine to medium downward	
20				well sorted sand, fine, light gray	
	4			well sorted sand, medium, gray	
25				no recovery	
	5			well sorted sand, fine to medium	
30				well sorted sand, medium, clay laminations	
				no recovery	
	6			well sorted sand, medium, frequent clay laminations	
35				no recovery	
	7			alternating layers well sorted medium sand and clay	
40				well sorted sand, medium to coarse, dark gray	
				no recovery	
	8			layered well sorted medium to coarse sand and clay, gray	
45				well sorted sand, fine to medium, tan to light gray	
	9			layered well sorted coarse sand and clay	
50				no recovery	
				dense alternating layers fine to coarse sand and clay	
	10			no recovery	
55				dense alternating layers fine to coarse sand and clay	
				very dense sandy clay, shell and white-type deposits at base	

EPS

PROJECT: LCP QUZ: Cell Building Characterization		Log of Boring No.	SP-SB-1
SITE LOCATION:	Brunswick, GA	TOP OF CASING ELEVATION (ft):	
DRILLING CONTRACTOR:	Cascade Drilling	DATE STARTED: 11/30/2018	DATE FINISHED: 11/30/2018
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.): 55	SCREEN INTERVAL (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	DEPTH TO WATER AT TIME OF BORING (ft.):	CASING (ft.):
SAMPLING METHOD:	Dual-Tube or Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.): 2.25	WELL DIAMETER (In.):
LOGGED BY:	Kirk Kessler & Joe Terry		

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Location	PID Reading	DESCRIPTION (Ground Surface Elevation (ft):)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				no recovery	
5					
	1			silty sand, fine, light brown	
	2			silty sand, fine, dark brown	
10				no recovery	
	3			silty sand, fine, dark brown, oily	
	4			silty sand, fine, brown	
15				no recovery	
				well sorted sand, fine, reddish to dark brown	
	5			well sorted sand, fine, tan	
				layered dark and lighter brown sand, fine	
20				no recovery	
	6			silty sand, fine, tan to brown	
25				no recovery	
				sand, fine, tan	
	7			well sorted sand, medium, tan to brown	
				well sorted sand, medium, dark brown to black	
30				well sorted sand, fine, brown	
	8			no recovery	
				sand, medium, gray, clay 33-33.2'	
35				silty sand, fine to medium, brown	
				dense sandy clay	
	9			no recovery	
				dense well sorted sand, fine, clay lense	
40				variable sorted fine sand and clay, dense	
				well sorted sand, medium to coarse, black	
	10			no recovery	
				sand, medium, light gray, dark gray clay stringers	
45				clayey sand, medium, gray	
				well sorted sand, medium to coarse, tan to gray	
	11			no recovery	
50				fat clay, gray	
				well sorted sand, coarse, dark gray	
	12			very dense clayey sand	
				no recovery	
55				fat clay, gray, well sorted sand seams	

EPS

ATTACHMENT 2- WATERLOO DATA PACKAGE

Final Data Package for Waterloo Profiling Services

SITE LOCATION: LCP SUPERFUND

BRUNSWICK, GA

Project ID: 250181004
Report Date: January 9th, 2019

CASCADE
DRILLING | TECHNICAL SERVICES

This project was performed by Cascade Technical Services for Environmental Planning Specialists, Inc.

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Table of Contents

1. WATERLOO^{APS} NARRATIVE 2

2. SOP DEVIATION TABLE 3

3. PLOTS OF (I_K) AND PHYSIOCHEMICAL DATA 4

4. PHYSIOCHEMICAL DAILY LOGS 5

1. WATERLOO^{APS} NARRATIVE

ED_006371_00000945-00066

Waterloo APS™
ADVANCED PROFILING SYSTEM

Narrative

Cascade Technical Services (Cascade) is pleased to present this data report to Environmental Planning Specialists, Inc. (EPS) for the Waterloo^{APS} ™ (APS-EC) services that were provided between the dates of November 28th, 2018 and December 7th, 2018 in Brunswick, GA.

The results associated with the data and plots presented in this report were generated in accordance to Cascade's Standard Operating Procedures (SOPs) for the APS services.

All APS field work which includes the collection of Index of Hydraulic Conductivity (I_k) data, electrical conductance, sample collection, APS equipment calibration, multiparameter sonde calibration and equipment decontamination were completed by trained, scientific professionals and all QA/QC measurements associated with these data were found to be within the tolerances set forth in the SOPs. Exceptions/deviations regarding these data are noted below.

- Location CB1-CBP-2 – I_k data from a depth of 20.1 to 22.0 ft bgs was not collected due to an equipment issue.
- Location SP-CBP-3 – EC data from a depth of 0 to 17.0 ft bgs was not collected due to an equipment issue.
- Location SP-CBP-4 – I_k data from a depth of 34.7 to 37.1 ft bgs was not collected due to an equipment issue.
- Not all samples collected throughout this investigation reached physicochemical parameter stabilization as outlined in the Cascade SOP. Some samples were collected prior to physicochemical parameter stabilization due to time constraints and/ or sample volume constraints (if the pumping rate slowed due to silting of the downhole sampling tip).

- Exceptions/deviations regarding these data are noted in the table "Deviations from Standard Operating Procedure".

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the data manager or his designee, as verified by the following signature.

Signature:

Casey Moore, Project Manager, Cascade Technical Services

2. SOP DEVIATION TABLE

Deviations From Standard Operating Procedures

Site: LCP - Brunswick, GA
Cleint: Environmental Planning Specialists, Inc.
Dates: 11/28/18 - 12/7/18

APS Location	Sample Depth	Parameters that did not reach full stabilization						Comment
		No Head Measurement	Spec Cond	Diss Oxygen	pH	ORP	All Parameters	
CB1-CBP-2	-48.0			X				Sample collected prior to full parameter stabilization.
CB1-SB-1	-20.8			X				Sample collected prior to full parameter stabilization.
	-40.3			X				Sample collected prior to full parameter stabilization.
CB1-SB-2	-35.0			X		X		Sample collected prior to full parameter stabilization.
CB1-SB-4	-20.3			X				Sample collected prior to full parameter stabilization.
	-35.2			X				Sample collected prior to full parameter stabilization.
	-46.9			X				Sample collected prior to full parameter stabilization.
CB1-SB-5	-35.8					X		Sample collected prior to full parameter stabilization.
	-48.0			X		X		Sample collected prior to full parameter stabilization.
CB2-SB-1	-35.3			X				Sample collected prior to full parameter stabilization.
CB2-SB-2	-22.1			X				Sample collected prior to full parameter stabilization.
	-32.8			X				Sample collected prior to full parameter stabilization.
CB2-SB-3	-18.2			X				Sample collected prior to full parameter stabilization.
	-49.0			X				Sample collected prior to full parameter stabilization.
CB2-SB-4	-20.2			X				Sample collected prior to full parameter stabilization.
	-35.3			X				Sample collected prior to full parameter stabilization.
	-49.1			X				Sample collected prior to full parameter stabilization.
CB2-SB-5	-34.9	X		X				No head measurement collected. Sample collected prior to full stabilization.
	-45.0	X						No head measurement collected.
CB2-SB-6	-35.4			X				Sample collected prior to full parameter stabilization.
	-48.8			X				Sample collected prior to full parameter stabilization.
SP-CBP-3	-35.0			X				Sample collected prior to full parameter stabilization.
	-49.7			X				Sample collected prior to full parameter stabilization.

APS Location	Sample Depth	Parameters that did not reach full stabilization						Comment
		No Head Measurement	Spec Cond	Diss Oxygen	pH	ORP	All Parameters	
SP-CBP-4	-20.3			X				Sample collected prior to full parameter stabilization.
	-46.1			X				Sample collected prior to full parameter stabilization.
SP-CBP-5	-20.5			X				Sample collected prior to full parameter stabilization.
	-45.0			X				Sample collected prior to full parameter stabilization.
SP-SB-1	-35.5			X				Sample collected prior to full parameter stabilization.

3. PLOTS OF PHYSIOCHEMICAL AND (I_K) DATA

BORING NAME: CB1-CBP-1

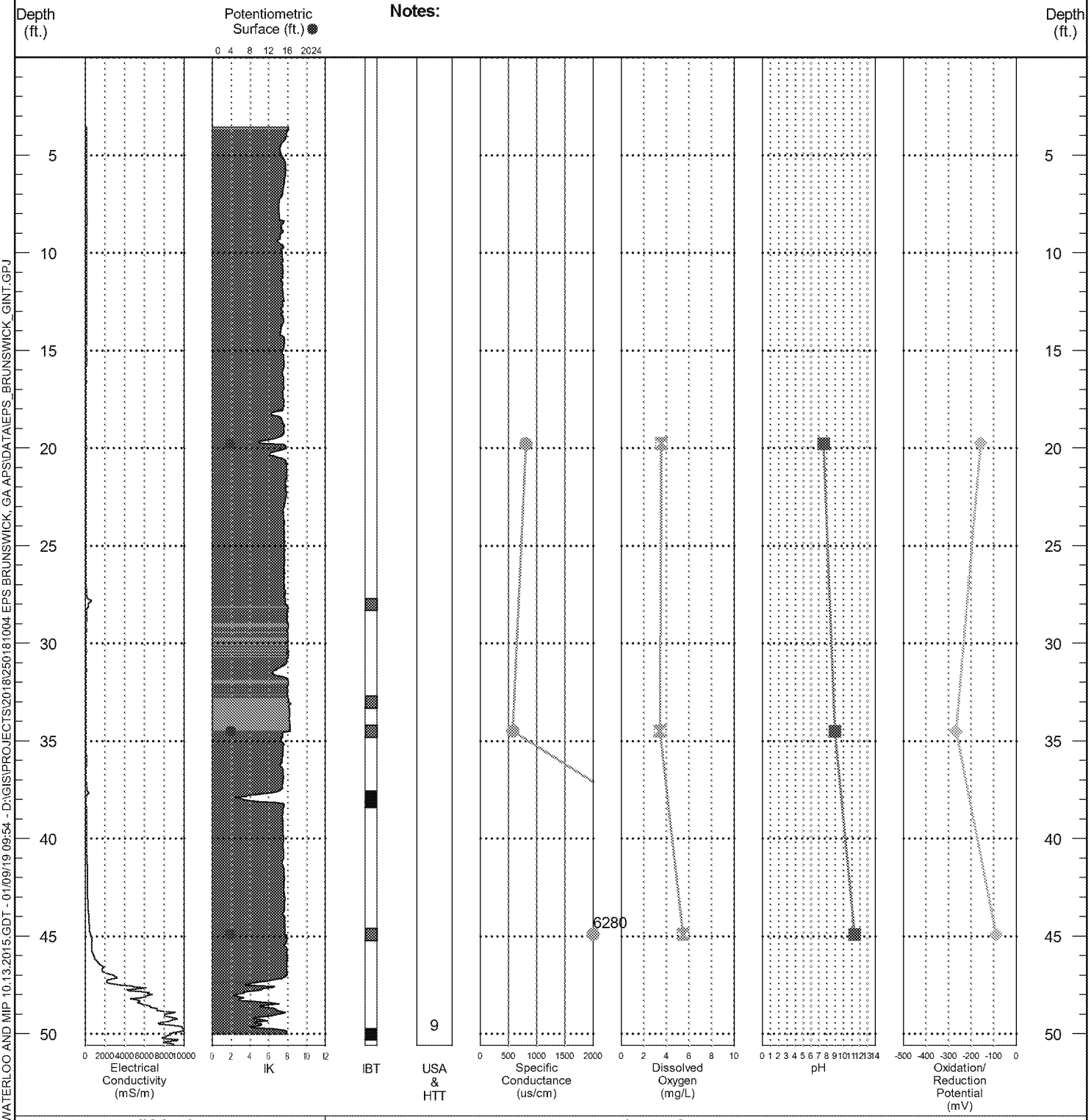
Total Depth 50.1 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 11/29/2018
Sampler(s) AMK
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:54 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB1-CBP-2

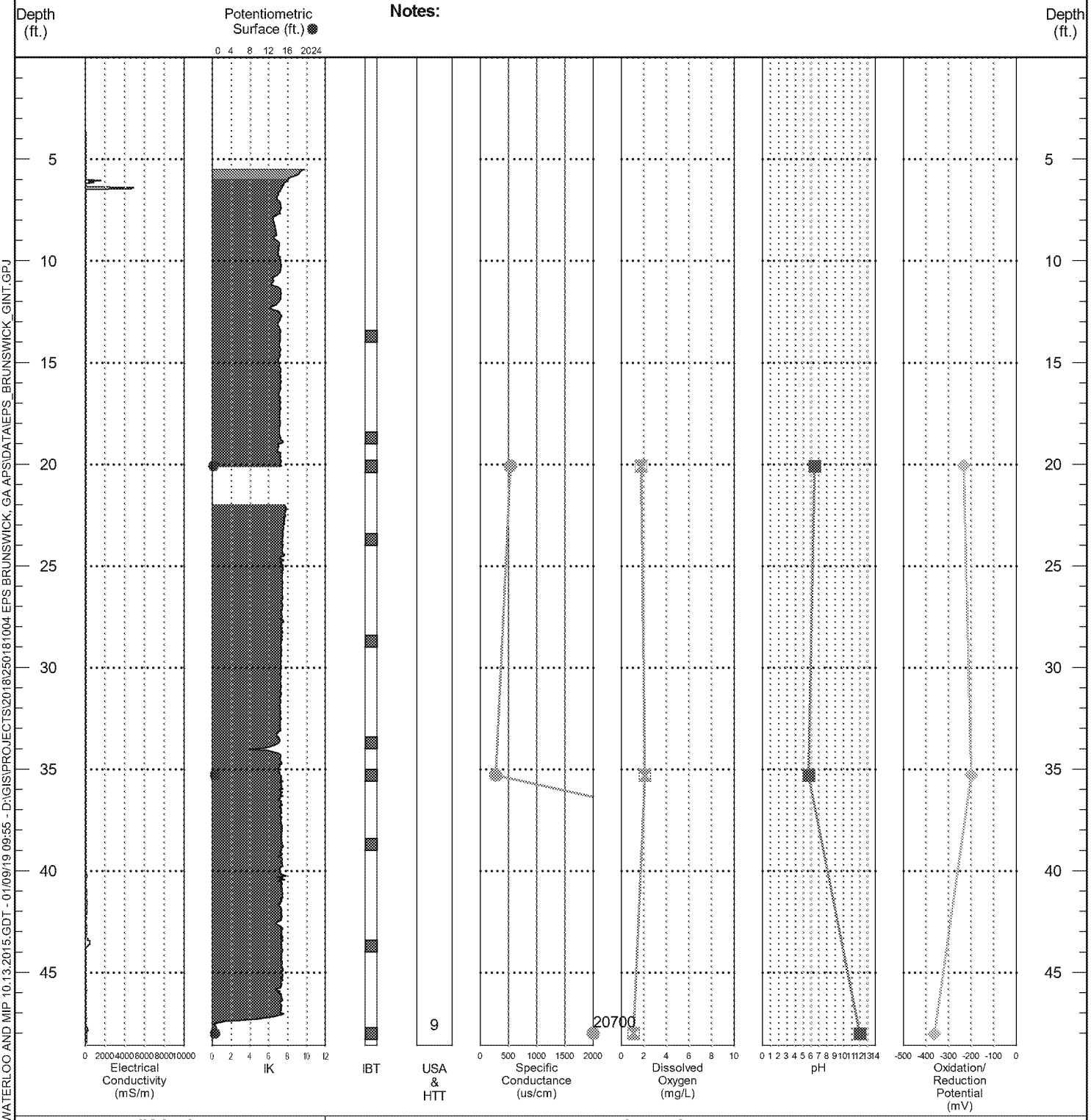
Total Depth 48.6 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/6/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

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BORING NAME: CB1-SB-1

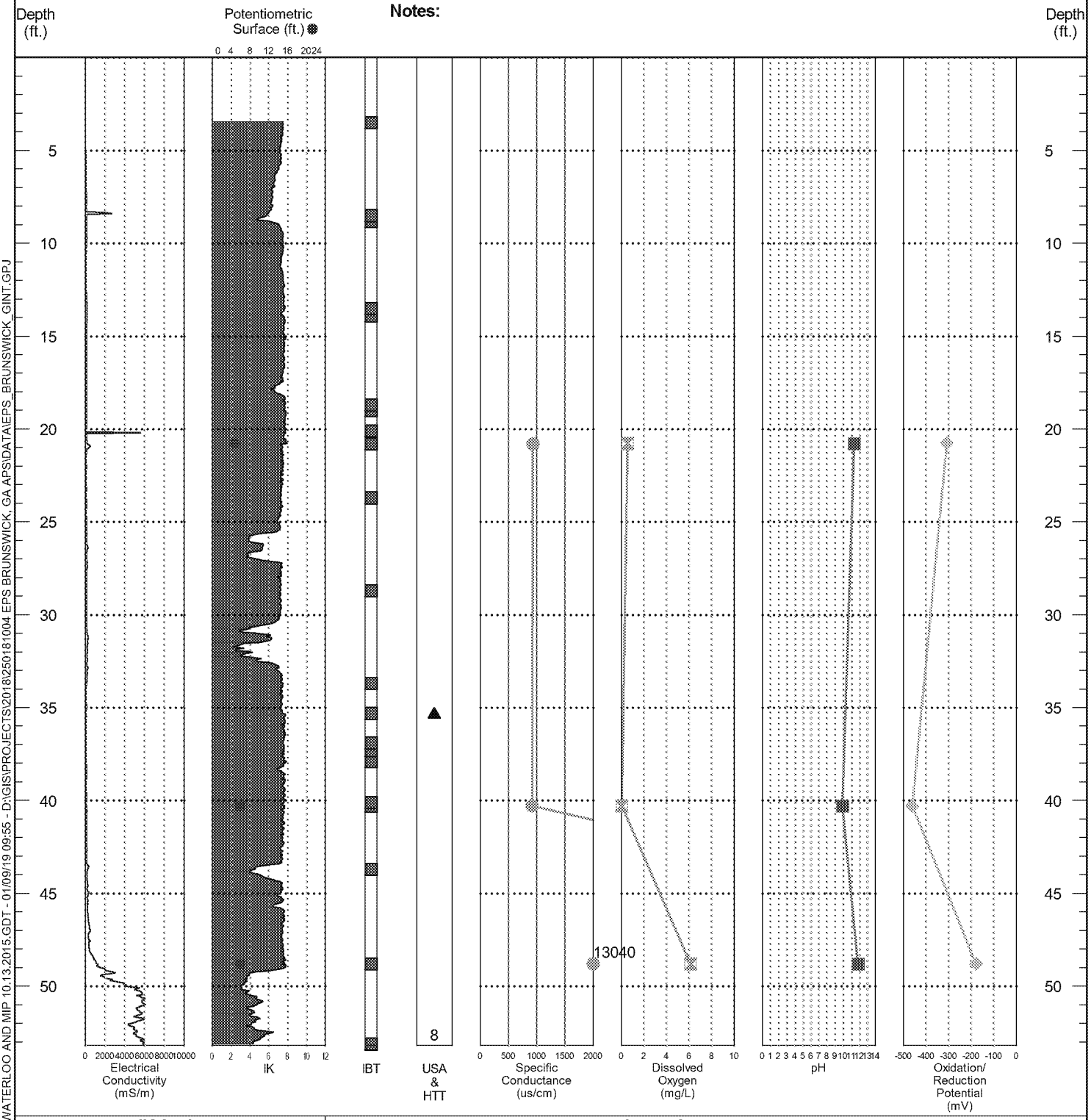
Total Depth 53.1 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/19/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:55 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB1-SB-2

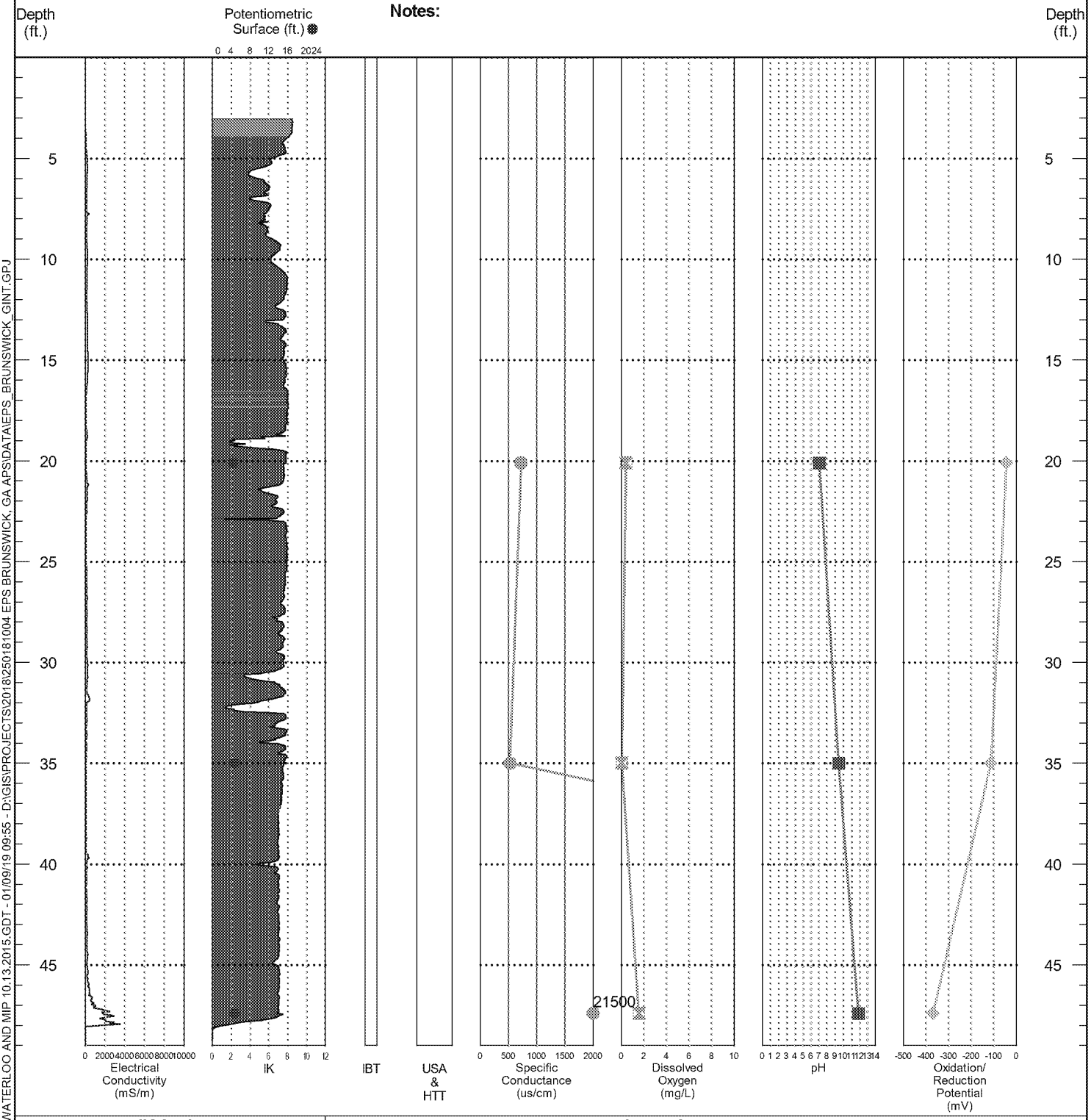
Total Depth 48.6 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 11/30/2018
Sampler(s) AMK
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

0 to 0.1	
0.1 to 2	
2 to 4	
4 to 6	
>6	

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✱ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:55 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB1-SB-4

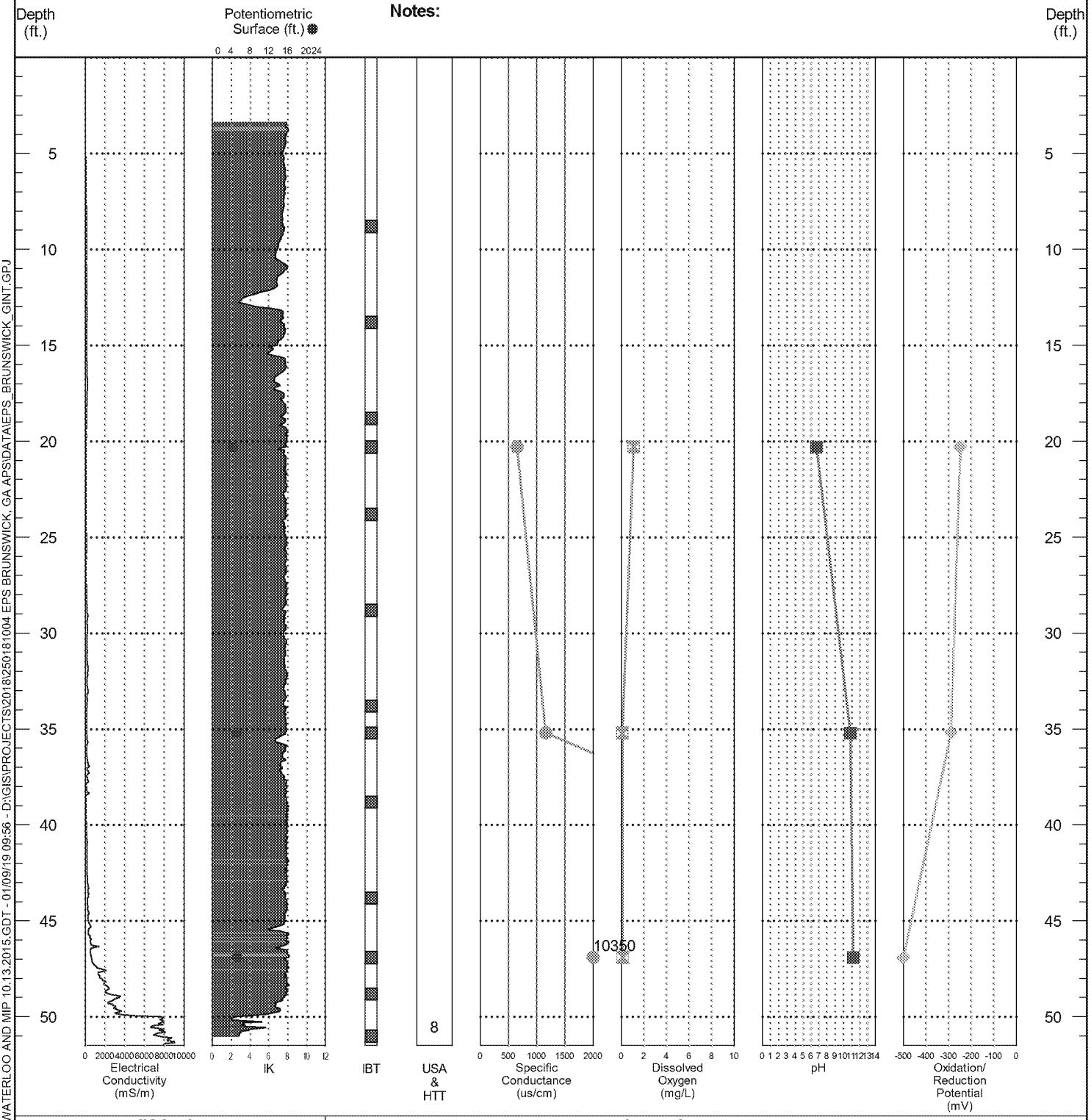
Total Depth 51 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/1/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
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USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:56 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB1-SB-5

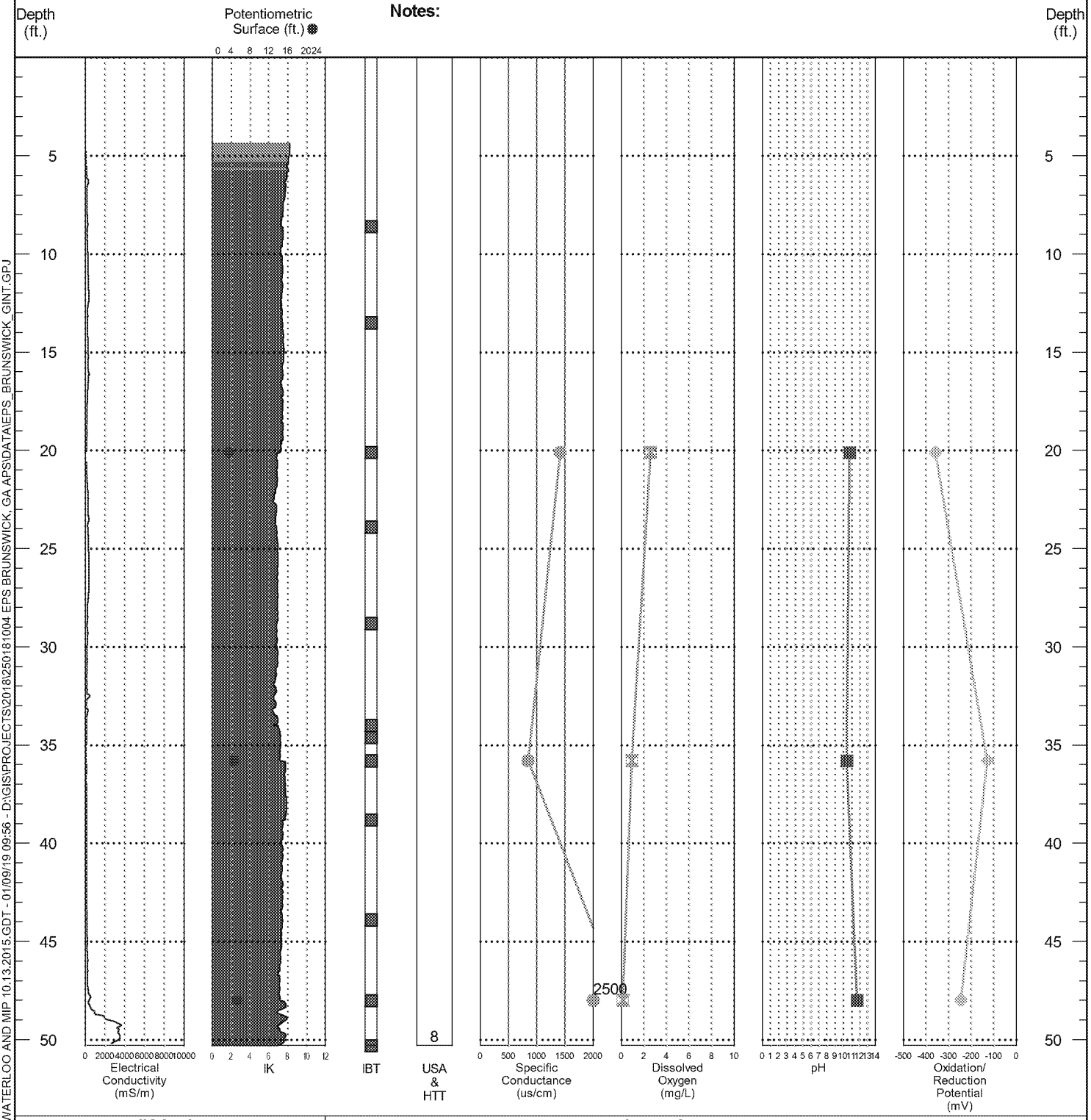
Total Depth 50.3 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 11/29/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:56 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SB-1

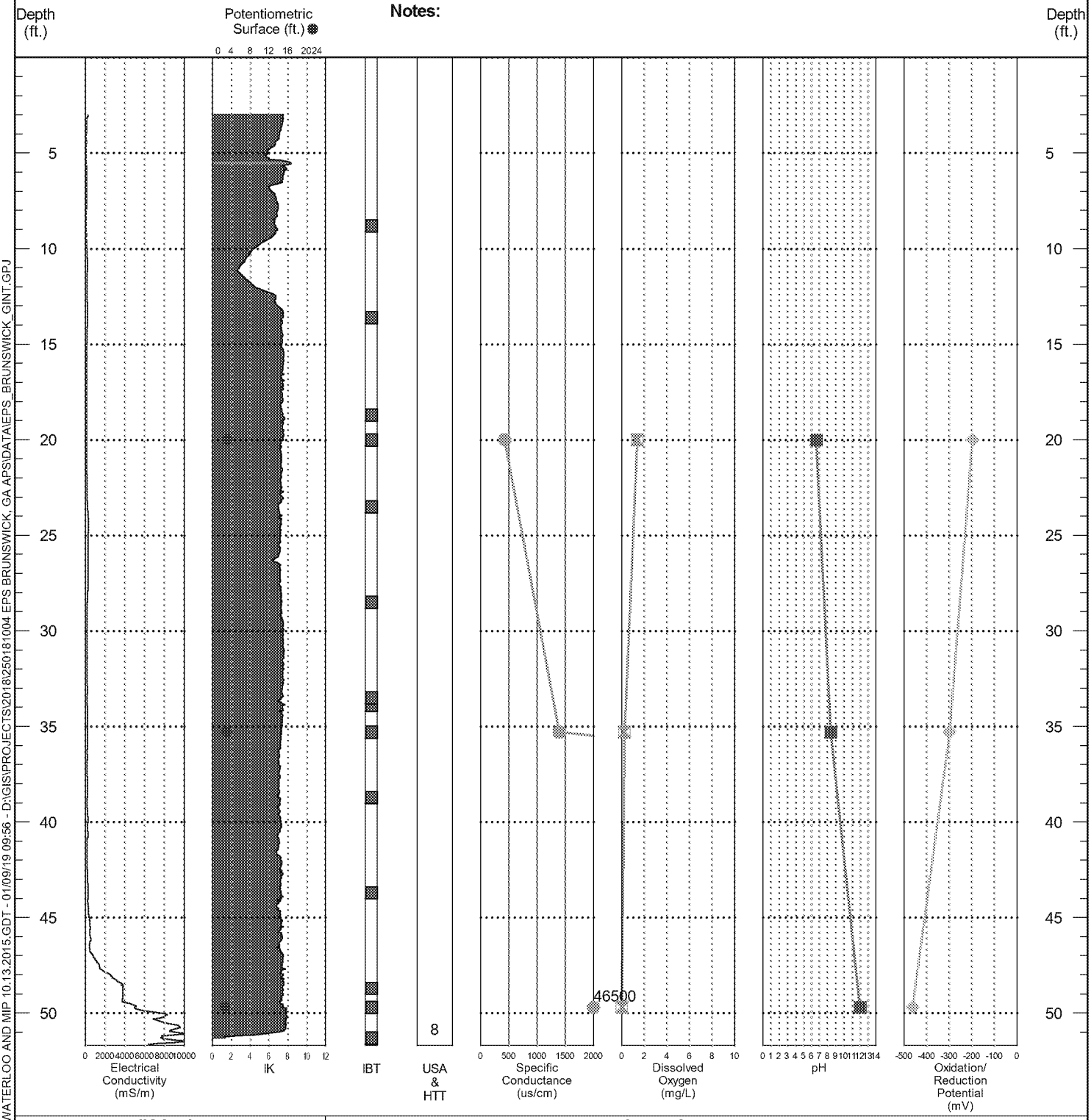
Total Depth 51.3 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/20/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:56 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SB-2

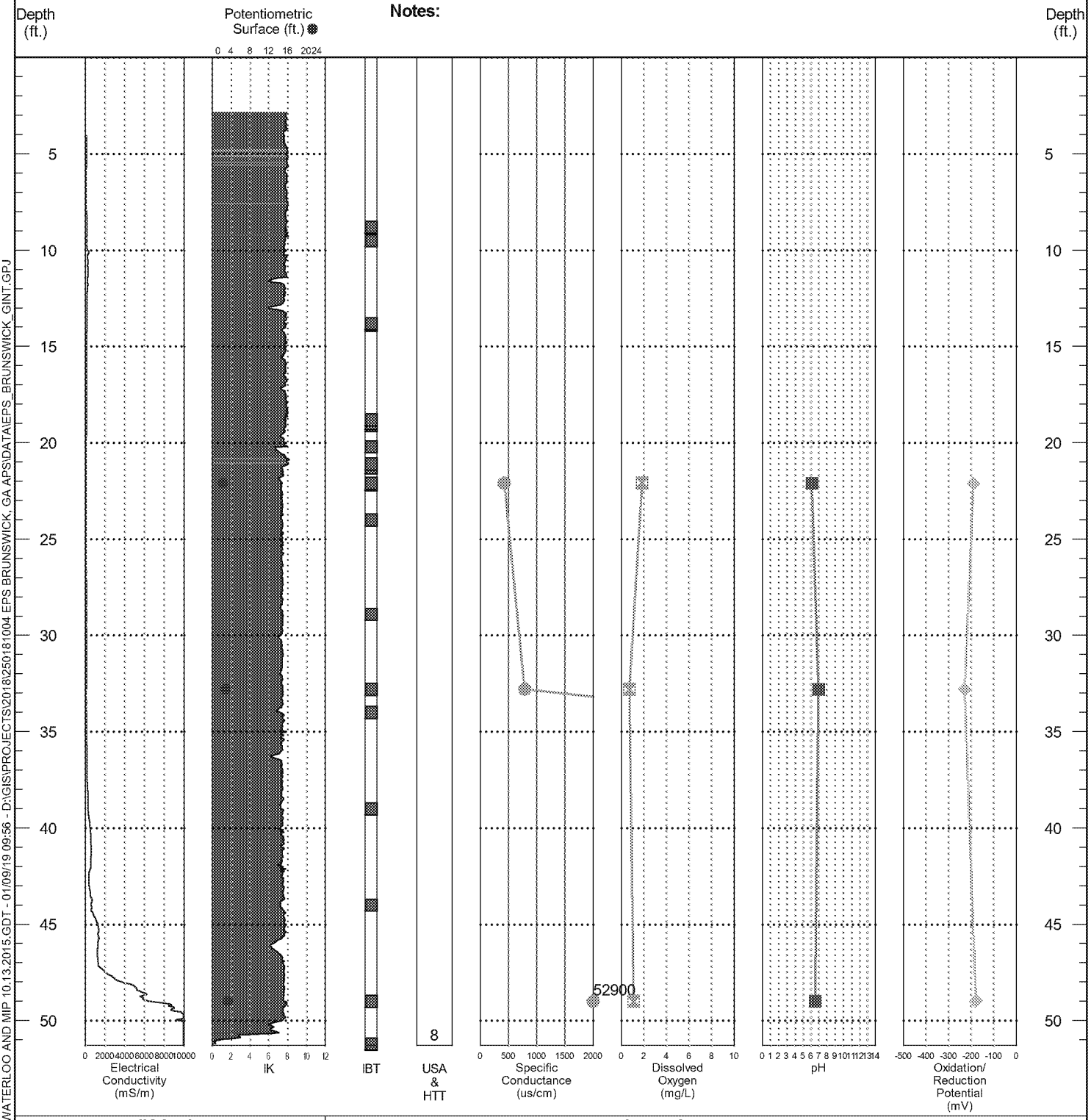
Total Depth 51.2 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/20/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:56 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SB-3

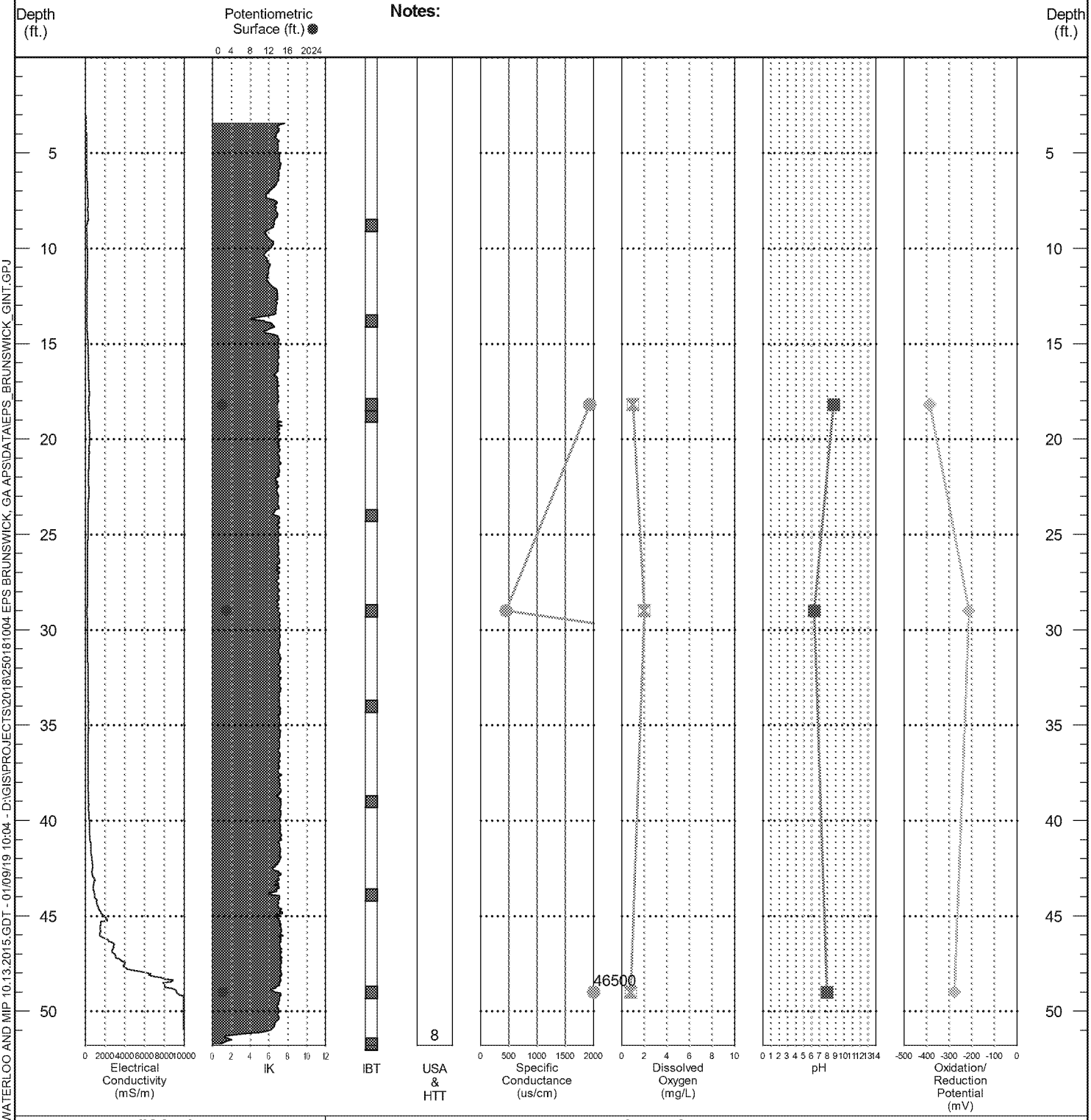
Total Depth 51.7 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/20/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 10:04 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SB-4

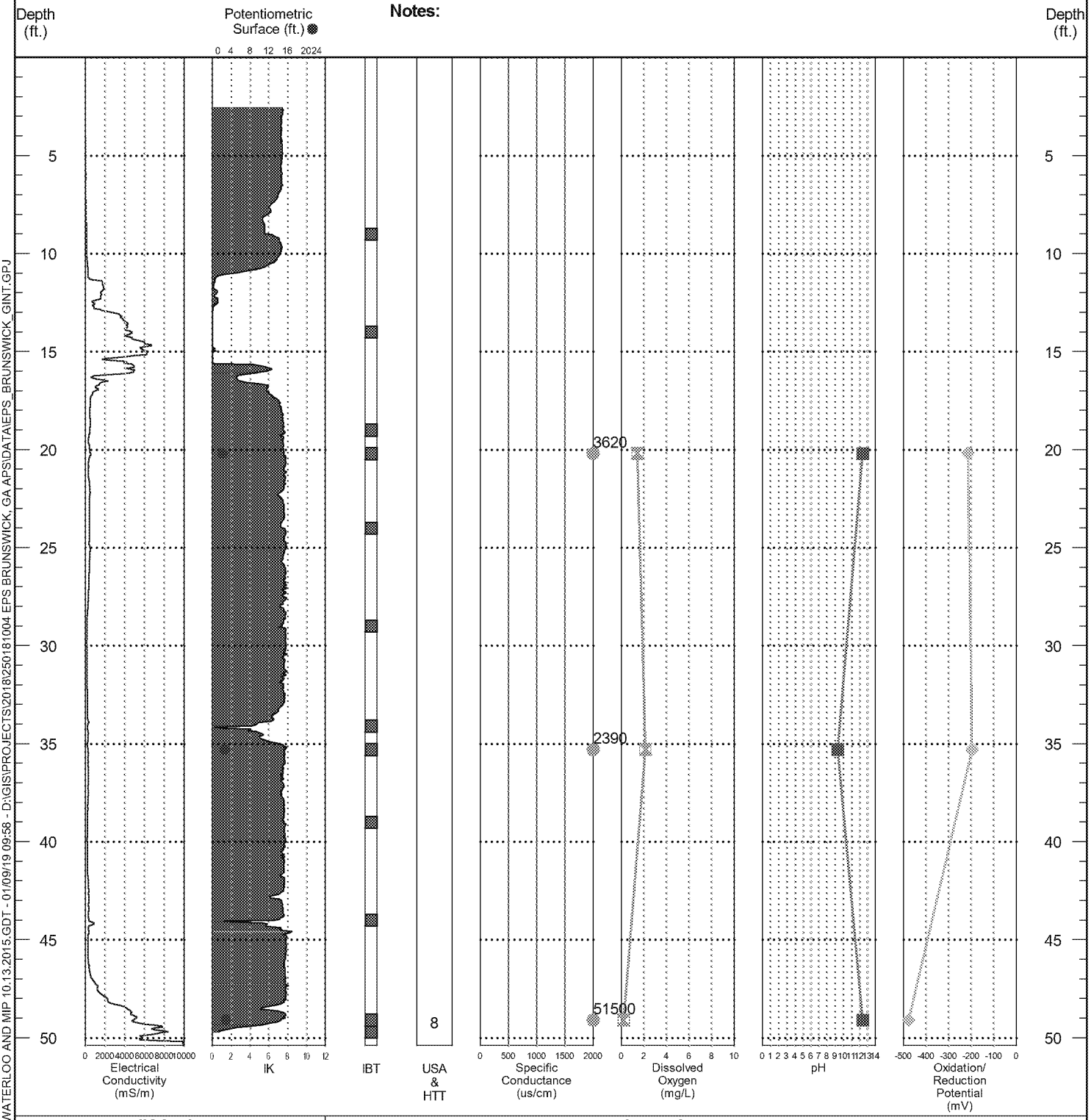
Total Depth 49.7 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/5/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
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- 9 = ROP dropped below threshold
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WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:58 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SB-6

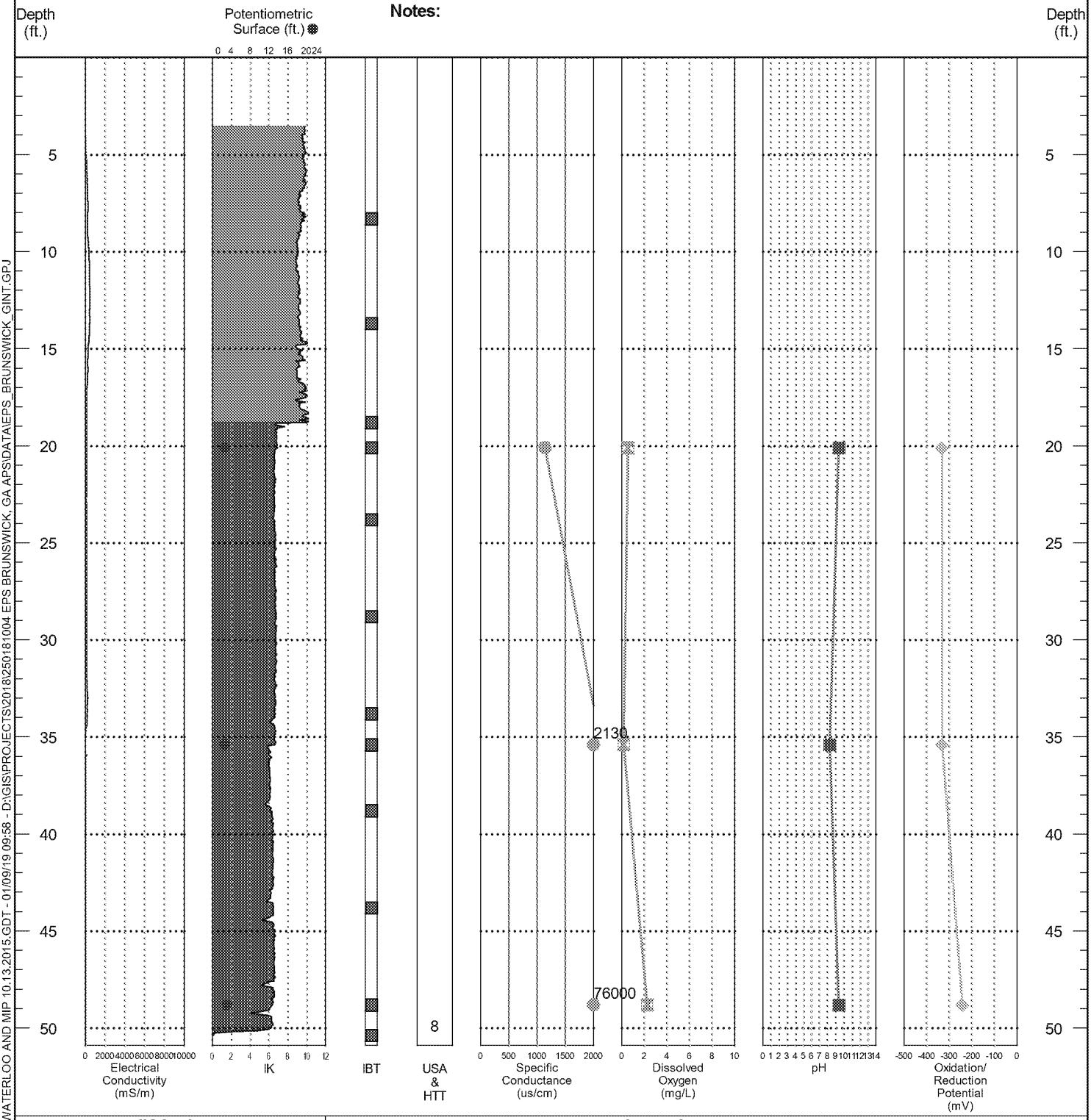
Total Depth 50.4 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/4/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
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- = IK decrease when hammer stops
- = No change when hammer stops

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- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:58 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: CB2-SP-5

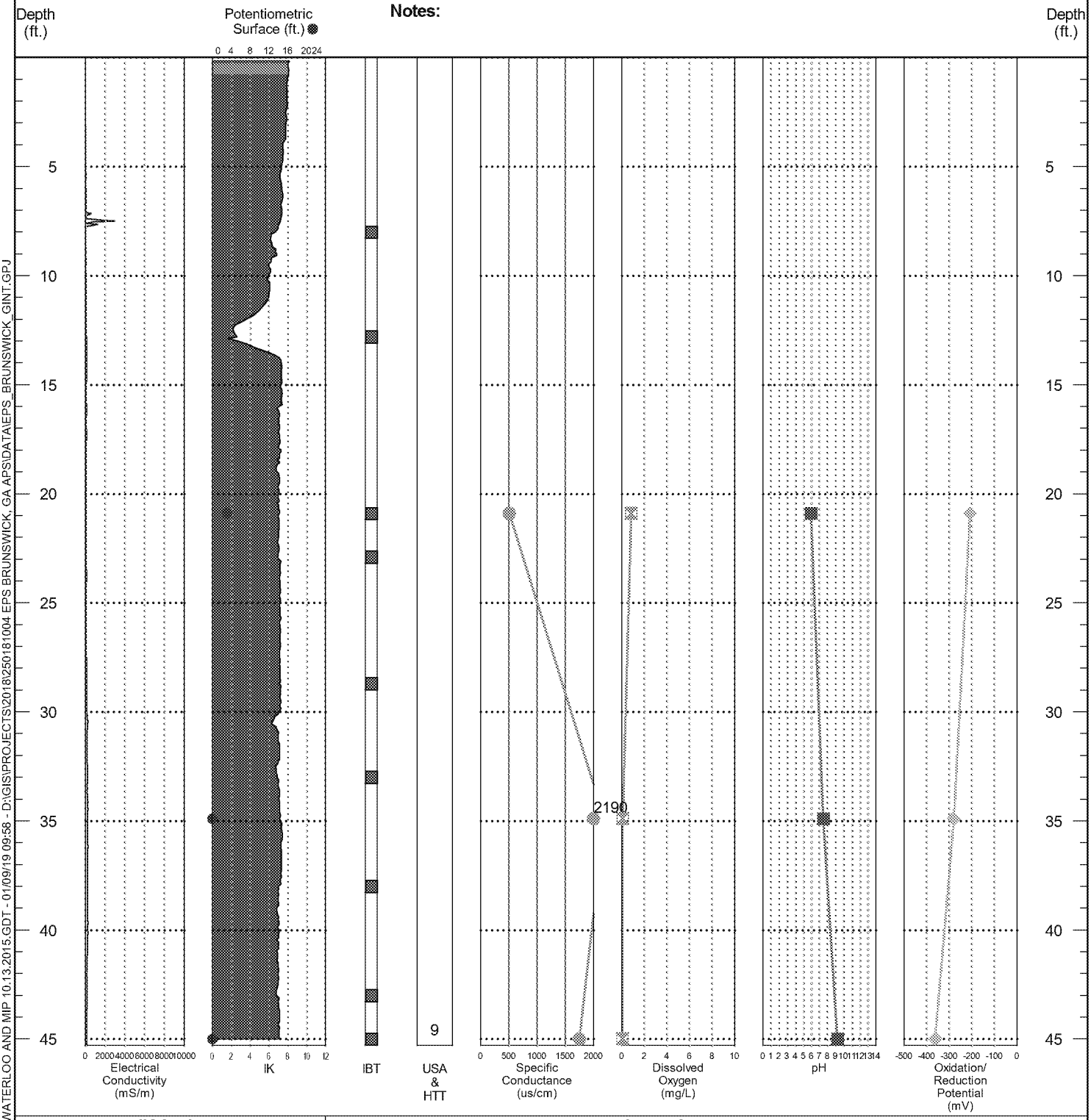
Total Depth 45 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/3/2018
Sampler(s) AMK
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

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- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:58 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: SP-CBP-3

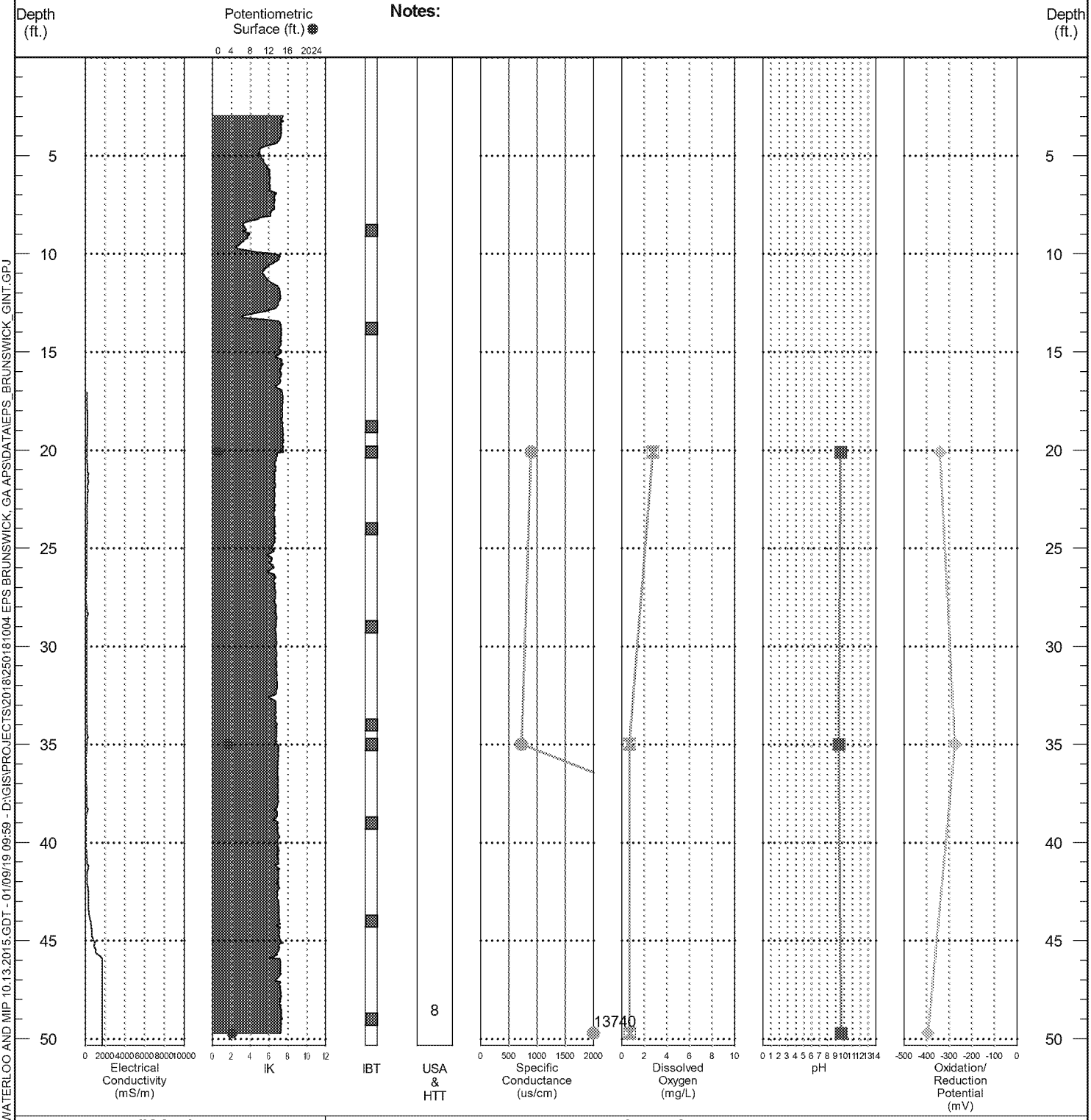
Total Depth 49.7 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/6/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

0 to 0.1	
0.1 to 2	
2 to 4	
4 to 6	
>6	

Legend

IBT = IK Behavior Type
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- = IK decrease when hammer stops
- = No change when hammer stops

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- = Could not produce water
- = Yield deemed too slow
- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
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- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:59 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: SP-CBP-4

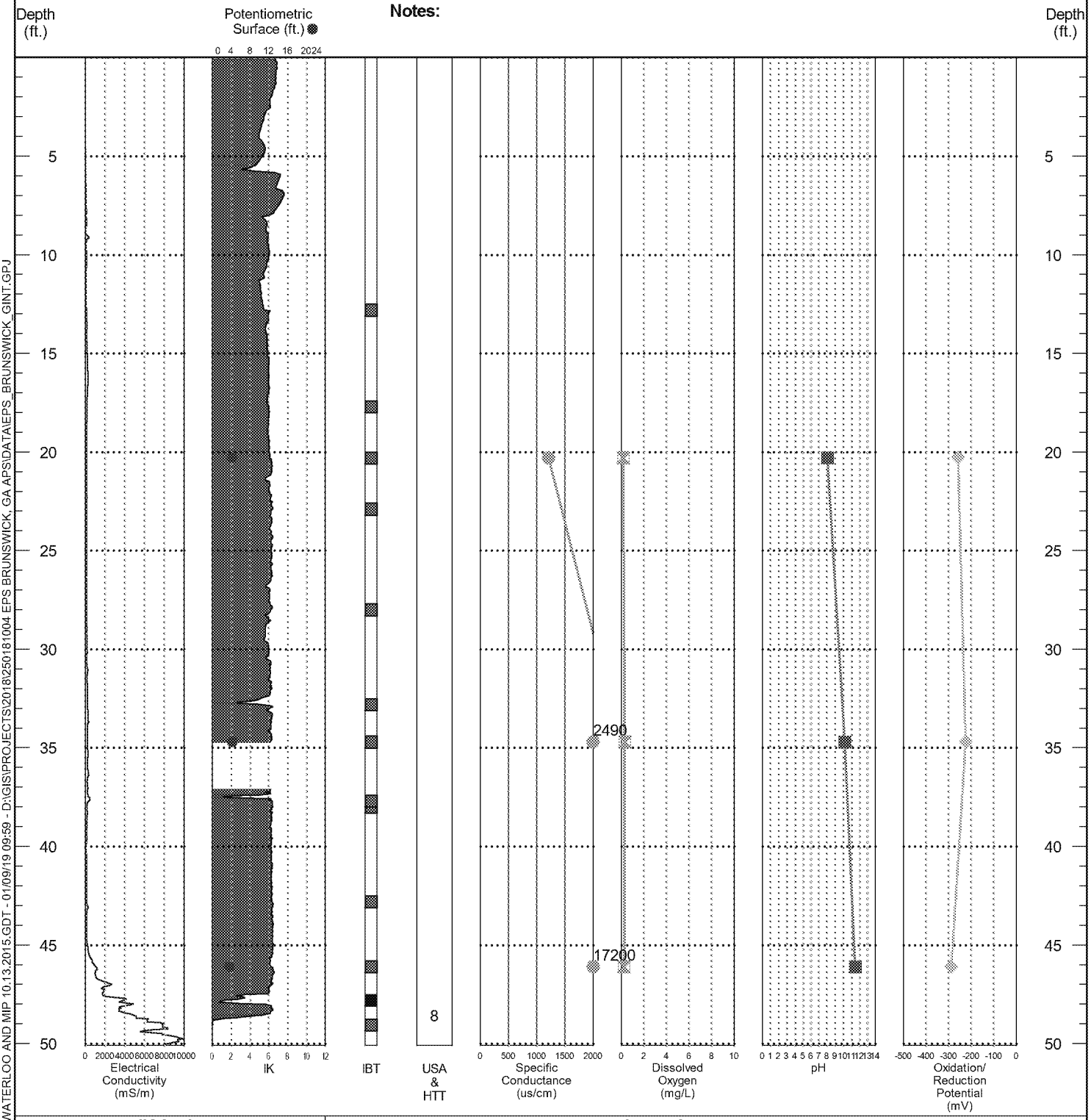
Total Depth 49.1 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/1/2018
Sampler(s) AMK
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
- 0.1 to 2
- 2 to 4
- 4 to 6
- >6

Legend

IBT = IK Behavior Type
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- = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:59 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: SP-CBP-5

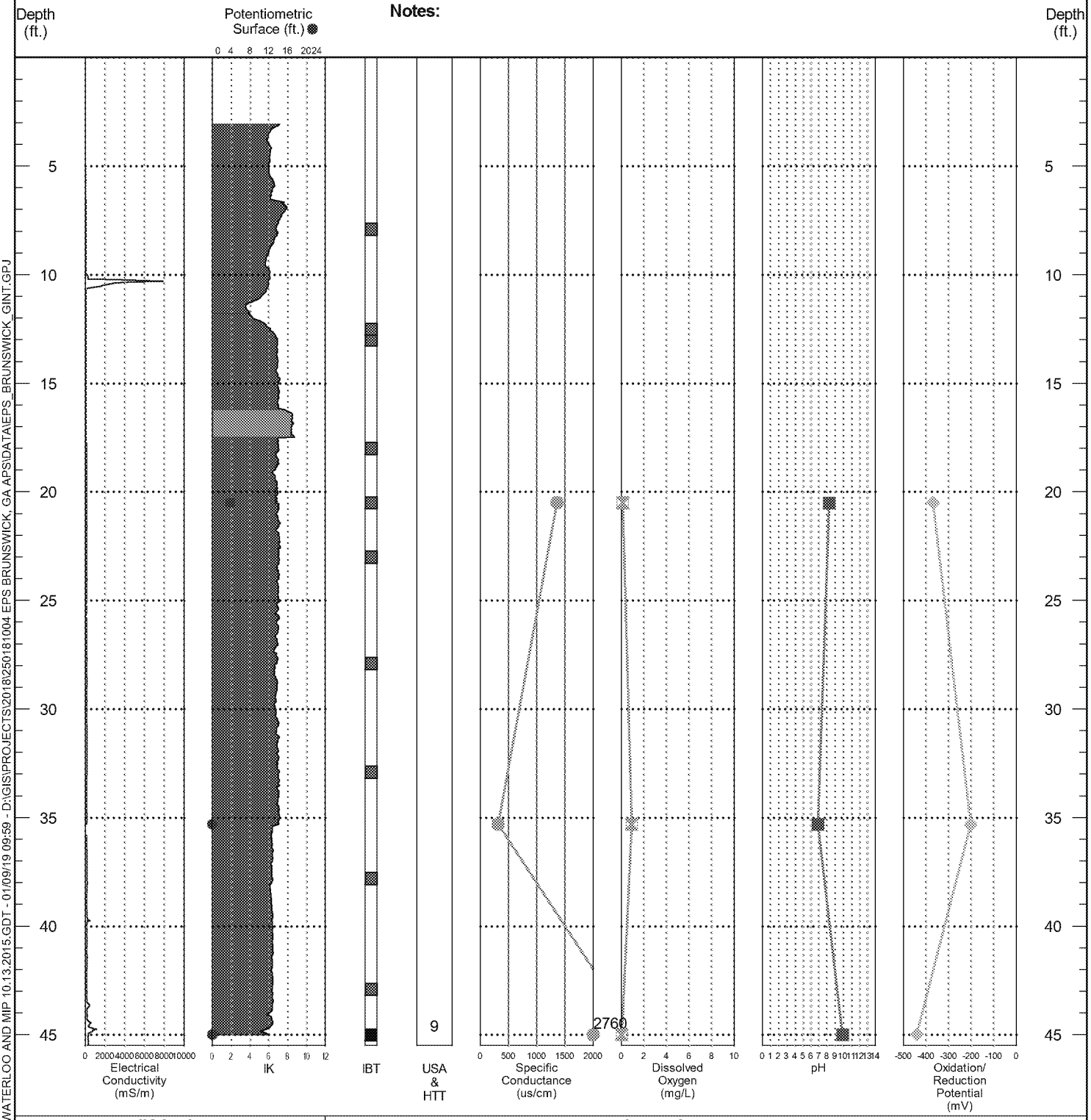
Total Depth 45 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/2/2018
Sampler(s) AMK
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

- 0 to 0.1
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- 2 to 4
- 4 to 6
- >6

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- = Equipment issue

HTT = Hole Termination Type
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- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 09:59 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

BORING NAME: SP-SB-1

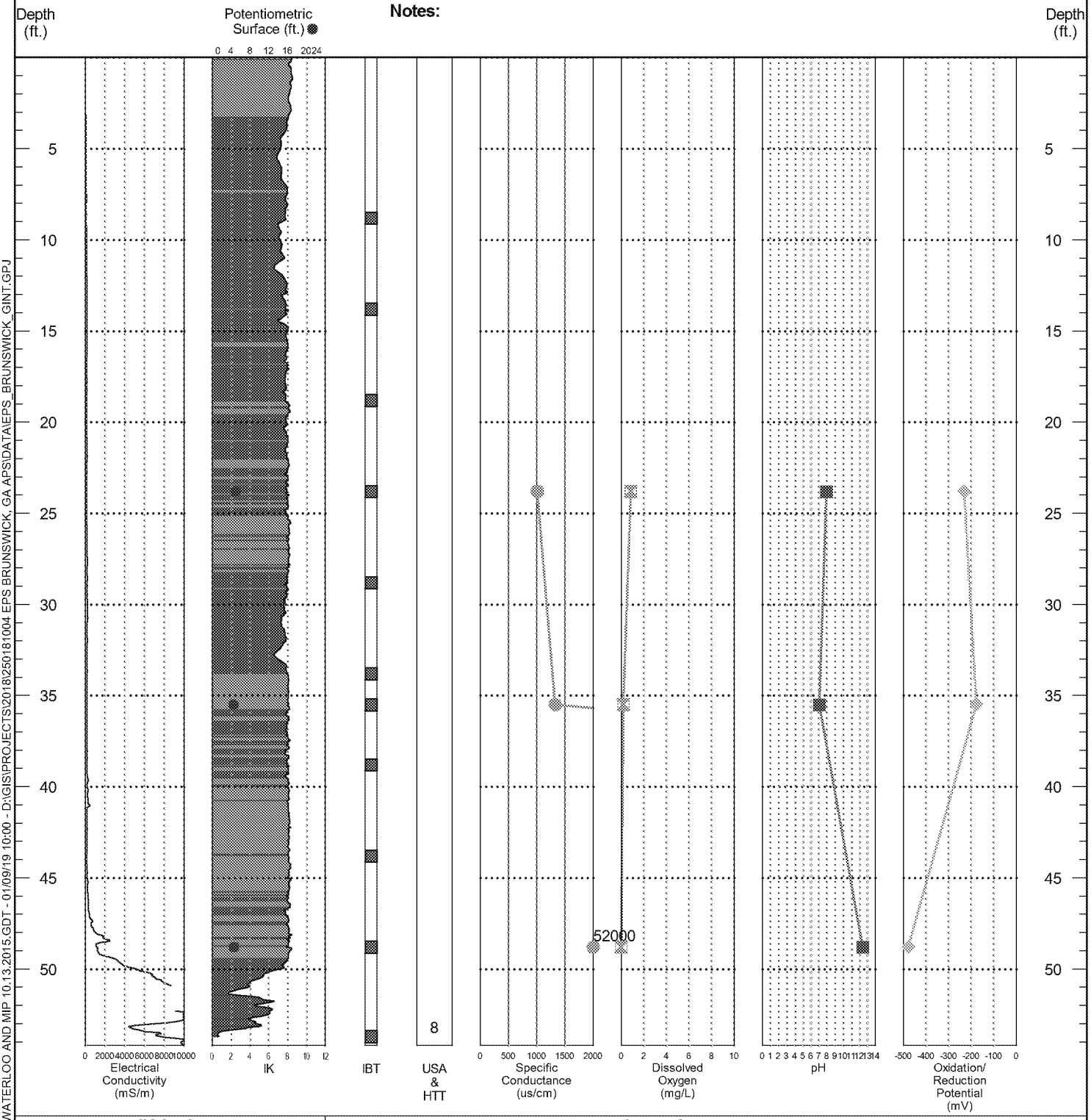
Total Depth 53.7 ft.

Waterloo APS-D™
ADVANCED PROFILING SYSTEM

Project Name EPS Brunswick
Client EPS
Project Number 250181004
Project Location Brunswick, GA

Date Completed 12/2/2018
Sampler(s) CH
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri

Notes:



IK Scale

0 to 0.1	
0.1 to 2	
2 to 4	
4 to 6	
>6	

Legend

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- = IK decrease when hammer stops
- = No change when hammer stops

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- ✱ = Could not produce water
- ▲ = Yield deemed too slow
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HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO APS - WATERLOO AND MIP 10.13.2015.GDT - 01/09/19 10:00 - D:\GIS\PROJECTS\2018\250181004 EPS BRUNSWICK, GA APS\DATA\EPS_BRUNSWICK_GINT.GPJ

4. PHYSIOCHEMICAL DAILY LOGS

ED_006371_00000945-00089

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-CBP-1

	Started	Completed
Dates:	11/29/2018	11/29/2018

Location:	Brunswick, GA	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7055	Atmospheric Pressure:	35.52
Sampler(s):	AMK	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	68.99
		Average Depth to Water:	-3.82	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-19.78	11/28/2018:16:08:48	800	-3.76	807	3.55	7.56	-159	
-34.50	11/28/2018:17:49:00	900	-3.89	577	3.43	8.97	-267	
-44.90	11/29/2018:09:45:05	900	-3.80	6280	5.45	11.42	-89	

\\cdlp-file\Stone\Active Projects\Proj-18\250181004 EPS Brunswick, GA APS\Data\For gINT\CB1-CBP-1_Groundwater Profiling Log

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-CBP-2

	Started	Completed
Dates:	12/6/2018	12/6/2018

Location:	Brunswick GA	Sonde Serial #:	ZCRQT7063
CTS #:	250181004	Drilling Contractor:	Cascade
Sampler(s):	CH	Average Depth to Water:	-0.46
KPRO Box Serial # / Acquisition Laptop:	481APS04	Gas Drive or Peri Pump:	Peri
Atmospheric Pressure:	35.20	KPRO N_2 Pressure (set via P transducer):	69.87
Gas Drive Pump N_2 Pressure:	N/A		

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.10	12/06/2018:14:59:57	700	-0.25	532	1.77	6.49	-234	
-35.30	12/06/2018:15:47:56	800	-0.56	273	2.08	5.70	-200	
-48.00	12/06/2018:16:41:38	600	-0.57	20700	1.10	12.06	-363	

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-SB-1

	Started	Completed
Dates:	12/19/2018	12/19/2018

Location:	Brunswick, GA	KPRO Box Serial # / Acquisition Laptop:	481APS4	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	7067	Atmospheric Pressure:	33.50
Sampler(s):	CH	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	70.10
		Average Depth to Water:	-5.54	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.80	11/30/2018:09:09:17	1000	-4.80	935	0.53	11.39	-308	
-40.30	11/30/2018:12:20:31	1000	-5.90	917	0.05	9.90	-461	
-48.80	11/30/2018:14:06:14	500	-5.93	13040	6.13	11.85	-179	

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-CB-2

	Started	Completed
Dates:	11/30/2018	11/30/2018

Location:	Brunwick, GA	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7055	Atmospheric Pressure:	35.38
Sampler(s):	AMK	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	70.97
		Average Depth to Water:	-4.63	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.10	11/29/2018:17:04:38	1600	-4.41	721	0.42	7.03	-44	
-35.00	11/29/2018:17:04:38	800	-4.70	526	0.06	9.44	-112	
-47.40	11/30/2018:09:32:51	900	-4.78	21500	1.55	11.92	-369	

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-SB-4

	Started	Completed
Dates:	12/1/2018	12/1/2018

Location:	Brunswick GA	KPRO Box Serial # / Acquisition Laptop:	418APS04	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	34.48
Sampler(s):	CH	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.28
		Average Depth to Water:	-4.93	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.30	12/01/2018:08:46:03	600	-4.35	651	1.07	6.70	-248	
-35.20	12/01/2018:10:20:15	600	-5.19	1159	0.10	10.93	-290	
-46.90	12/01/2018:11:43:25	800	-5.24	10350	0.12	11.26	-499	

\\cdlp-file\Stone\Active Projects\Proj-18\250181004 EPS Brunswick, GA APS\Data\For gINT\CB1-SB-4_Groundwater Profiling Log

GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB1-SB-5

	Started	Completed
Dates:	11/29/2018	11/29/2018

Location: Brunswick GA

CTS #: 250181004

Sampler(s): CH

KPRO Box Serial # / Acquisition Laptop: 481APS04

Sonde Serial #: ZCRQT7063

Drilling Contractor: Cascade

Average Depth to Water: -4.50

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 36.28

KPRO N_2 Pressure (set via P transducer): 69.10

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.10	11/28/2018:17:04:14	900	-3.52	1416	2.58	10.81	-358	
-35.80	11/29/2018:08:58:02	1100	-4.64	846	0.91	10.45	-129	
-48.00	11/29/2018:11:38:57	800	-5.34	2500	0.13	11.70	-245	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SB-1

	Started	Completed
Dates:	12/20/2018	12/20/2018

Location:	Brunswick, GA	KPRO Box Serial # / Acquisition Laptop:	481APS4	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	7063	Atmospheric Pressure:	33.29
Sampler(s):	CH	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.55
		Average Depth to Water:	-2.92	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.00	12/02/2018:13:01:10	800	-3.10	428	1.37	6.57	-197	
-35.30	12/03/2018:12:48:05	700	-2.98	1389	0.25	8.41	-297	
-49.70	12/03/2018:13:43:16	800	-2.67	46500	0.00	11.99	-462	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SB-2

	Started	Completed
Dates:	12/20/2018	12/20/2018

Location: Brunswick, GA

CTS #: 250181004

Sampler(s): CH

KPRO Box Serial # / Acquisition Laptop: 481APS4

Sonde Serial #: 7063

Drilling Contractor: Cascade

Average Depth to Water: -2.76

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 34.20

KPRO N_2 Pressure (set via P transducer): 68.00

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-22.10	12/04/2018:13:54:14	700	-2.18	423	1.85	6.14	-190	
-32.80	12/04/2018:14:36:42	700	-2.79	787	0.69	6.94	-229	
-49.00	12/04/2018:15:22:39	700	-3.31	52900	1.08	6.53	-180	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SB-3

	Started	Completed
Dates:	12/20/2018	12/20/2018

Location: Brunswick, GA

CTS #: 250181004

Sampler(s): CH

KPRO Box Serial # / Acquisition Laptop: 481APS4

Sonde Serial #: 7063

Drilling Contractor: Cascade

Average Depth to Water: -2.40

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 34.90

KPRO N_2 Pressure (set via P transducer): 69.00

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-18.20	12/04/2018:18:16:55	800	-2.07	1930	1.00	8.74	-385	
-29.00	12/04/2018:19:03:32	700	-2.92	450	1.99	6.33	-213	
-49.00	12/04/2018:19:51:06	600	-2.21	46500	0.78	7.94	-278	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SB-4

	Started	Completed
Dates:	12/5/2018	12/5/2018

Location:	Brunswick GA	KPRO Box Serial # / Acquisition Laptop:	481APS04	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	36.30
Sampler(s):	CH	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.08
		Average Depth to Water:	-2.59	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.20	12/05/2018:13:06:50	700	-2.20	3620	1.40	12.44	-214	
-35.30	12/05/2018:13:53:57	700	-2.67	2390	2.13	9.34	-195	
-49.10	12/05/2018:14:45:09	600	-2.90	51500	0.19	12.42	-477	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SP-5

	Started	Completed
Dates:	12/3/2018	12/3/2018

KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri
Location:	Brunswick, GA	Sonde Serial #:	ZCRQT7055	Atmospheric Pressure:	38.99
CTS #:	250181004	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	66.06
Sampler(s):	AMK	Average Depth to Water:	-3.10	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.90	12/03/2018:09:25:29	1200	-3.10	505	0.85	5.94	-208	
-34.90	12/03/2018:10:40:33	1200	NC	2190	0.07	7.47	-280	
-45.00	12/03/2018:11:29:26	1000	NC	1750	0.03	9.24	-362	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: CB2-SB-6

	Started	Completed
Dates:	12/4/2018	12/4/2018

Location: Brunswick GA

CTS #: 250181004

Sampler(s): CH

KPRO Box Serial # / Acquisition Laptop: 481APS04

Sonde Serial #: ZCRQT7063

Drilling Contractor: Cascade

Average Depth to Water: -2.76

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 35.98

KPRO N_2 Pressure (set via P transducer): 69.04

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.10	12/03/2018:17:20:19	600	-2.63	1140	0.53	9.42	-334	
-35.40	12/03/2018:18:35:30	600	-2.55	2130	0.16	8.30	-332	
-48.80	12/04/2018:09:01:55	800	-3.10	76000	2.25	9.38	-241	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: SP-CBP-3

	Started	Completed
Dates:	12/6/2018	12/6/2018

Location:	Brunswick GA	KPRO Box Serial # / Acquisition Laptop:	481APS04	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	38.32
Sampler(s):	CH	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	70.90
		Average Depth to Water:	-2.93	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.10	12/05/2018:19:42:37	800	-1.27	895	2.77	9.62	-342	
-35.00	12/06/2018:09:14:16	700	-3.35	724	0.67	9.39	-276	
-49.72	12/06/2018:10:39:29	700	-4.17	13740	0.72	9.69	-393	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: SP-CBP-4

	Started	Completed
Dates:	12/1/2018	12/1/2018

Location:	Brunswick, GA	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri
CTS #:	250181004	Sonde Serial #:	ZCRQT7055	Atmospheric Pressure:	35.47
Sampler(s):	AMK	Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	68.58
		Average Depth to Water:	-4.02	Gas Drive Pump N_2 Pressure:	N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.30	12/01/2018:09:09:52	800	-4.21	1209	0.17	8.04	-258	
-34.70	12/01/2018:10:35:53	1000	-4.22	2490	0.28	10.21	-225	
-46.10	12/01/2018:12:58:46	700	-3.62	17200	0.23	11.50	-287	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: SP-CBP-5

	Started	Completed
Dates:	12/2/2018	12/2/2018

Location: Brunswick, GA

CTS #: 250181004

Sampler(s): AMK

KPRO Box Serial # / Acquisition Laptop: 481APS8

Sonde Serial #: ZCRQT7055

Drilling Contractor: Cascade

Average Depth to Water: -3.81

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 35.79

KPRO N_2 Pressure (set via P transducer): 69.99

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.50	12/01/2018:18:17:30	700	-3.81	1360	0.12	8.30	-369	
-35.31	12/02/2018:08:15:24	1100	NC	314	0.93	6.87	-202	
-45.00	12/02/2018:10:23:17	1000	NC	2760	0.05	9.91	-442	

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GROUNDWATER PROFILE LOG

Client: EPS

CASCADE

Profile Location: SP-SB-1

	Started	Completed
Dates:	12/2/2018	12/2/2018

Location: Brunswick GA

CTS #: 250181004

Sampler(s): CH

KPRO Box Serial # / Acquisition Laptop: 481-APS-04

Sonde Serial #: ZCRQT7063

Drilling Contractor: Cascade

Average Depth to Water: -4.69

Gas Drive or Peri Pump: Peri

Atmospheric Pressure: 34.82

KPRO N_2 Pressure (set via P transducer): 69.02

Gas Drive Pump N_2 Pressure: N/A

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-23.80	12/01/2018:16:23:47	700	-4.94	1011	0.84	7.94	-232	
-35.50	12/01/2018:17:41:11	800	-4.50	1329	0.15	7.07	-178	
-48.80	12/01/2018:18:27:13	700	-4.62	52000	0.00	12.41	-480	

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