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December 5, 2016

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Mr. Jeremy Labbe
New England Waste Services of Maine
358 Emerson Mill Rd
Hampden, Maine 04444

Subject: Pine Tree Landfill
Fall 2016 Post-Closure Water Quality Data Results

Dear Jeremy:

Please find enclosed the results of the fall 2016 water quality sampling event completed at the Pine Tree Landfill (PTL) in Hampden, Maine. The samples were collected between October 17, 2016 and October 19, 2016 in accordance with the sampling procedures outlined in the PTL Post-Closure Environmental Monitoring Plan (EMP). The locations and parameters of analysis were as identified on the attached table from the 2015 update of the EMP as proposed in the PTL Annual Report submitted to the Maine Department of Environmental Projection on April 25, 2016. The October sampling round also included several additions to reflect site conditions and discussions between MEDEP and NEWSME since that Annual Report was issued. The additions included: 1) analyzing the water quality samples from MW03-802B, and MW03-803A for the field, indicator, expanded parameters, and VOCs instead of only field parameters; and 2) completing the volatile organic compounds (VOC) analysis using two techniques, EPA's 8260, and 8260sim to achieved lower detection limits for four VOCs (i.e., 1,2-Dibromoethane, 1,2-Dibromo-3-Chlorpropane, 1,2,3-Trichloropropane, and Acrylonitrile.

This sample round included collection of field parameters and water quality samples from 22 site monitoring wells and piezometers, two residential wells, four surface water locations, and three leachate locations. Eight of the monitoring wells and piezometers were monitored for field parameters only. The remaining monitoring wells and piezometers were monitored for field, indicator, and expanded parameters as outlined on the attached table. Methane and VOCs were monitored at eight and seven locations respectively. Two of the leachate samples were also monitored for VOCs. Residential wells DW-103 (Walker), DW04-109 was analyzed for field, indicator, and extended parameters and methane. DW04-109 was also monitored for VOCs.

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The fall 2016 water quality data is presented as follows:

1. A map of monitoring locations identified in the Post-Closure EMP.
2. Tabularized historical water quality database for the groundwater, surface water, residential wells, and leachate samples collected during the fall 2016 event.
3. Fall 2016 field data sheets.
4. Fall 2016 laboratory analytical reports.
5. Calculations of relative percent differences between samples and duplicate samples collected during the fall 2016 event, as well as parameter concentrations that fall outside of historical range and ratio of Total Dissolved Solids to Specific Conductance.

Please note that we will forward the electronic data deliverable directly to the MEDEP as specified in the EMP.

The next round of routine water quality sampling is planned to occur in the spring (March/April) of 2017. The Program is anticipated to include the parameters and locations included in the EMP for the spring sampling round (years 2016 through 2020) (see attached Table), plus the continued sampling of MW03-802B, and MW03-803A for the indicator parameters, and one additional round of VOCs for the same locations completed during this fall round using the same analytical techniques.

If you have any questions on the information attached to this report, please feel free to contact us.

Sincerely,

SEVEE & MAHER ENGINEERS, INC.

Michael Booth, P.E.
Project Manager

Attachments

cc: Wayne Boyd (letter only)
Toni King (letter only)
Linda Butler, MEDEP
Richard Heath, MEDEP
Angus Jennings, Town of Hampden

Subsurface Landfill Gas Monitoring Locations. Two pathways associated with landfill gas migration have been identified at the landfill, one to the east and one to the southwest.

TABLE 3-1

POST-CLOSURE MONITORING LOCATIONS
ENVIRONMENTAL MONITORING PROGRAM

GROUNDWATER MONITORING WELLS			
Northeastern (advective flow pathway) MW97-123, MW-509A& B P-911B, MW98-601A & B, MW01-602B		Southern (advective flow pathway) MW-906B MW-200, MW-641 MW02-801A & B MW03-802A & B MW03-803A & B MW03-804A	
North MW-516B-B	East MW-916 MW-917		West P-914A & B
SURFACE WATER MONITORING LOCATIONS			
SW-A	Souadabscook Stream		
SW-C	Souadabscook Stream		
SW-D	Tributary to Cold Brook Stream		
SW-E	Tributary to Cold Brook Stream		
LEACHATE MONITORING LOCATIONS			
PDPS	Conventional Landfill Perimeter Drain Pumping Station Manhole		
LCS-6	Secure III, Phase VI		
LCS-3C	Secure III, Phase VIII-C Stage 1		
LCS-SI	Secure I		
LCS-SII	Secure II		
LCS-SIII	Secure III		
LCS-7	Secure III, Phase VII		
RESIDENTIAL WELLS			
DW-103	Walker		
DW04-109	(not currently used as a domestic water supply)		
SUBSURFACE LANDFILL GAS MONITORING LOCATIONS			
Northeast 05-GS-18 & 19	Southwestern (LFG flow pathway) MW02-801B MW03-802 B MW03-803B P04-713A & B P04-714, 715, & 716 05-GS-16 & 17	Eastern (LFG flow pathway) MW-916 and 917 P04-707 & 709 05-GS-4 through 10	

TABLE 3-3
POST-CLOSURE SAMPLING AND ANALYSIS MATRIX

Sample Schedule Parameter Lists	MONITORING LOCATIONS																															
	Groundwater Monitoring Wells																	Surface Water				Leachate							Residential Wells	
	MW-516B-B	MW97-123	MW-509B	MW-916	Northeastern Wells (Note 1)	MW-200	MW-641	MW02-801A	MW02-801B	Mw03-802A	MW03-802B	MW03-803A	MW03-803B	MW03-804A & MW-914B	MW-917	MW-906B	P-914A	SW-A	SW-C	SW-D	SW-E	PDPS	LCS-6	LCS-3C	LCS-SI	LCS-SII	LCS-SIII	LCS-7	DW-103	DW04-109
Years 2016 through 2020 (see Notes 5, 6, 7 and 8)																														
Spring																														
Field Parameters	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X					X	X
Indicator Parameter List	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X	~~X~~	X						
Dissolved Methane																													X	X
Fall																														
Field Parameters	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X					X	X
Indicator Parameter List	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X		X					X	X
Expanded Parameter List																														
Arsenic, cobalt, lead, manganese, and nickel	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X		X					X	X
Dissolved Methane				X			X	X		X	X	X	X		X							X		X					X	X
Volatile Organic Compounds				8			8	X		X			X									X		X						8
Years 2021 through 2040 (Note 2)																														
Summer (July)																														
Field Parameters	X	X	X	X	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X
Indicator Parameter List	X	X	X	X		X	X	X		X		X	X		X	X	X	X	X	X	X	X	X						X	X
Expanded Parameter List																													X	
Arsenic, cobalt, lead, manganese, and nickel	X	X	X	X		X	X	X		X		X	X		X	X	X	X	X	X	X	X	X						X	X
Dissolved Methane			X	X			X	X		X		X	X		X	X						X	X						X	X
Volatile Organic Compounds				X			X	X		X			X									X	X							X
Years 2011 through 2015																														
Spring (March/April)																														
Field Parameters	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X	X
Indicator Parameter List (Note 4)	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X	X		X	X				
Expanded Parameter List																														
Arsenic, cobalt, lead, manganese, and nickel																									X	X				
Dissolved Methane			X	X			X	X		X	X	X	X		X	X									X	X			X	X
Volatile Organic Compounds																									X	X				
Summer (July)																														
Field Parameters	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X
Indicator Parameter List	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X	X	X					X	X
Expanded Parameter List																														
Arsenic, cobalt, lead, manganese, and nickel	X	X	X	X		X	X	X					X		X	X	X	X	X	X	X	X	X	X					X	X
Dissolved Methane			X	X			X	X		X			X		X	X						X	X	X					X	X
Volatile Organic Compounds				X			X	X		X			X									X	X	X						X
Fall (September/October)																														
Field Parameters	X	X	X	X	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X
Indicator Parameter List (Note 4)	X	X	X	X		X	X	X		X			X		X	X	X	X	X	X	X	X	X				X	X		
Expanded Parameter List																														

Sample Schedule Parameter Lists	MONITORING LOCATIONS																														
	Groundwater Monitoring Wells																	Surface Water					Leachate							Residential Wells	
	MW-516B-B	MW97-123	MW-509B	MW-916	Northeastern Wells (Note 1)	MW-200	MW-641	MW02-801A	MW02-801B	Mw03-802A	MW03-802B	MW03-803A	MW03-803B	MW03-804A & MW-914B	MW-917	MW-906B	P-914A		SW-A	SW-C	SW-D	SW-E		PDPS	LCS-6	LCS-3C	LCS-SI	LCS-SII	LCS-SIII	LCS-7		DW-103	DW04-109
Arsenic, cobalt, lead, manganese, and nickel																													X	X			
Dissolved Methane																																X	X
Volatile Organic Compounds																													X	X			

Notes:
1. Field parameters only will be monitored at monitoring wells MW98-601A, MW98-601B, MW01-602B, MW-509A, and P-911B.
2. Sample frequency (i.e., once, twice or three times annually) after the initial five years (i.e., after 2015) are subject to MEDEP approval.
3. Field parameters will not be collected from MW98-601A, MW98-601B, and MW01-602B during this round.
4. Arsenic is included in the Indicator Parameter List for Groundwater Monitoring Wells, Leachate and Residential Wells sampled between 2011 and 2015.
5. LCS-SI, LCS-SII, LCS-SIII, LCS-6, and LCS-7 will each be sampled once during the 2016 through 2020 post-closure monitoring period. LCS-SI will be sampled during the fall 2016 monitoring event. LCS-SII will be sampled during the fall 2017 monitoring event. LCS-SIII will be sampled during the fall 2018 monitoring event. LCS-6 will be sampled during the fall 2019 monitoring event. LCS-7 will be sampled during the fall 2020 monitoring event. Each of these locations will be sampled for field parameters, the indicator parameter list, the expanded parameter list, dissolved methane, and volatile organic compounds.
6. MW03-802B and MW03-803A will be monitored for field parameters, indicator parameters, expanded parameters, dissolved methane, and volatile organic compounds during the spring and fall monitoring events during 2016 as part of an additional investigation recommended by MEDEP. Monitoring requirements beyond 2016 will be determined based on the outcome of the investigation.
7. Cobalt, lead, and nickel will not be included in the expanded parameter list for surface water samples (i.e., manganese will be the only expanded parameter list analyte included for surface water samples).
8. Volatile organic compounds (VOCs) will be sampled during the fall of 2016 at MW-916, 641, and DW04-109. Provided that the fall 2016 results are below the Maine MCLs and MEGs for the compounds analyzed, VOC analyses will be discontinued at these locations.

MONITORING LOCATION MAP

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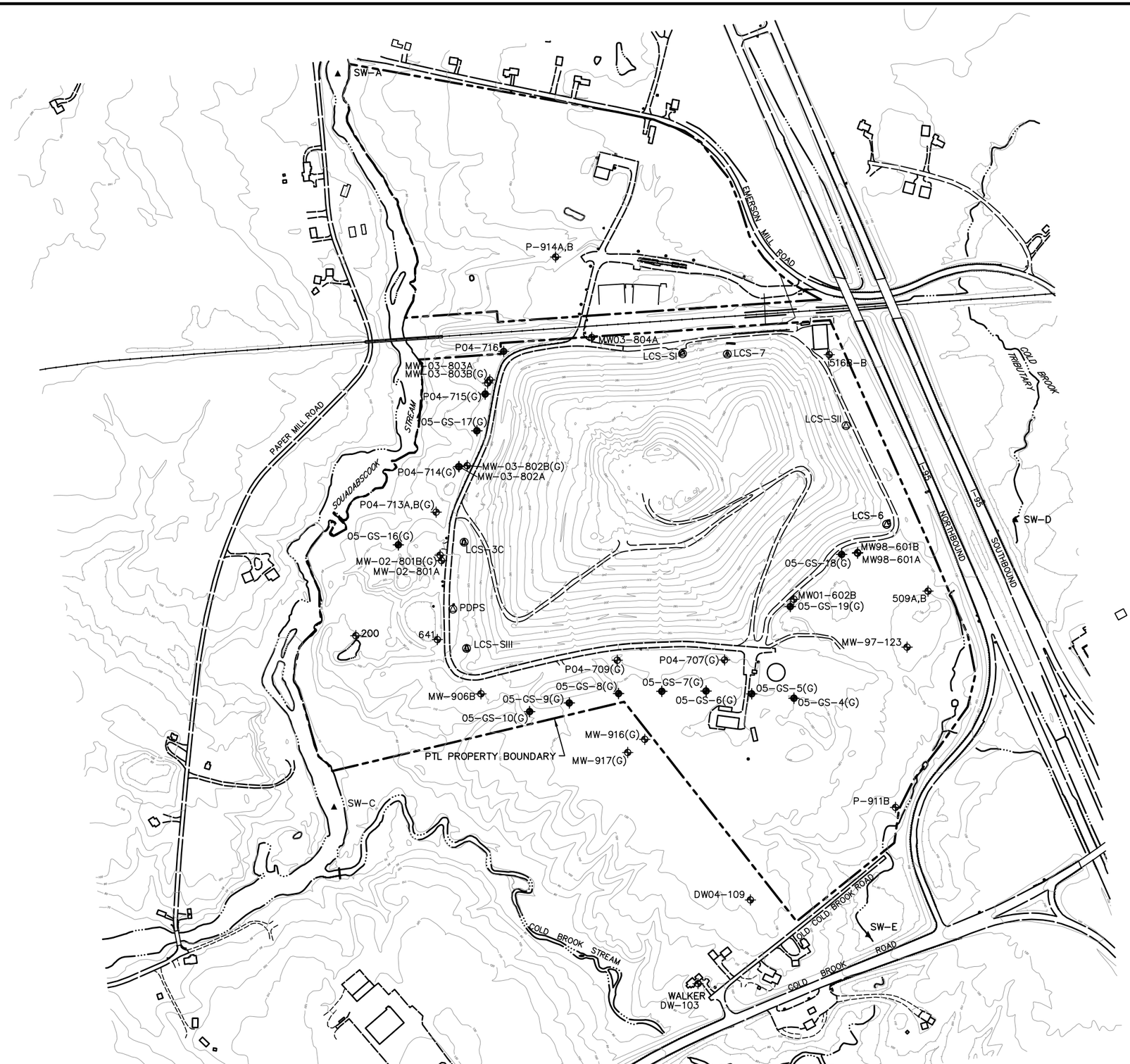

LEGEND

- MONITORING WELL, PIEZOMETER OR RESIDENTIAL WELL LOCATION
- SURFACE WATER SAMPLING LOCATION
- LEACHATE SAMPLING LOCATION
- SURFICIAL GAS MONITORING LOCATION

NOTES

TOPOGRAPHIC PLAN PREPARED BY AERIAL SURVEY & PHOTO, INC. NORRIDGEWOCK, MAINE PHOTOGRAPHED OCTOBER 29, 2007. GROUND CONTROL BY PLISGA & DAY OF BANGOR, MAINE.

SAMPLING ACTIVITIES AT DW-103, DW04-109, AND DW-111 OCCUR IN ACCORDANCE WITH THE CURRENT SITE ENVIRONMENTAL MONITORING PROGRAM.

(G) GROUNDWATER MONITORING LOCATIONS MONITORED FOR LANDFILL GAS

250 0 500 1000 FEET

FIGURE 3-1
POST CLOSURE
MONITORING LOCATIONS
ENVIRONMENTAL MONITORING PLAN
PINE TREE LANDFILL
HAMPDEN, MAINE

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DWG: EMP LMN: PC-MONLOC CTB: PC-MONLOC REV: 6/3/11

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FALL 2016
HISTORICAL WATER QUALITY DATABASE

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SUMMARY REPORT

Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(200) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU					
200																	
4/30/2008	XX	GW200X700	LF	6.9	956	4.8	6.3	86.2		169	0.8	0.5					
7/22/2008	XX	GW200X72B	LF	6.8	738	13	11.09	81.41		114	0.2	1.3					
10/7/2008	XX	GW200X753	LF	6.8	586	12.3	8	84.5	20.21	81	0.2	1					
4/21/2009	XX	GW200X77E	LF	7	645	5.1	8.42	84.08		63	0.3	0					
7/22/2009	XX	GW200X7A3	LF	6.9	621	11.8	9.26	83.24		434	0.2	0.3					
10/20/2009	XX	GW200X7EJ	LF	7.3	679	10.7	12	80.5	20.2	-9	0.2	0					
3/31/2010	XX	GW200X7HB	LF	6.8	577	5.6	5.7	86.8		190	0.2	0.4					
7/27/2010	XX	GW200X7JF	LF	6.9	643	11.7	11.98	80.52		101	0	0.8					
10/5/2010	XX	GW200X823	LF	6.8	782	13.3	8.94	83.56	20.2	133	0.6	0					
4/12/2011	XX	GW200X89B	LF	7.1	629	6.5	7	85.5		190	0.6	1.7					
7/27/2011	XX	GW200X8D7	LF	6.2	517	12.8	11.7	80.8		105	0.4	0					
10/17/2011	XX	GW200X8B9	LF	7.4	614	13.8	8.45	84.05	20.2	88	0.3	3.5					
4/11/2012	XX	GW200X8HE	LF	7.3	659	5.7	9.42	83.08		107	0.3	4.5					
7/11/2012	XX	GW200X8JH	LF	7.2	618	11.3	8.85	83.65		211	1	0					
10/3/2012	XX	GW200X91J	LF	6.9	654	13.7	9.05	83.45	20.21	98	0.2	0					
4/10/2013	XX	GW200X93J	LF	6.9	462	5.7	6.95	85.55		174	0.3	3.4					
7/10/2013	XX	GW200X95J	LF	7.1	548	11	9.55	82.95		117	1	0.6					
10/23/2013	XX	GW200X99I	LF	7.4	563	12.2	10.9	81.6	20.21	84	0.3	0.9					
4/30/2014	XX	GW200X9C1	LF	7.1	472	5.2	7.06	85.44		212	0.3	2.5					
7/16/2014	XX	GW200X9E3	LF	7.1	488	12	8.65	82.85		94	0.3	4.2					
10/1/2014	XX	GW200X9G2	LF	7	475	12.3	12.04	80.46	20.2	99	0.2	2.2					
4/15/2015	XX	GW200XA1G	LF	7.2	503	4.6	5.1	87.4		117	0.1	0.2					
7/22/2015	XX	GW200XA40	LF	7.1	485	10.7	10.88	81.62		109	0.1	3.1					
10/21/2015	XX	GW200XA66	LF	7.1	691	12	9.82	82.68	20.2	115	0.1 U	0.3					
4/27/2016	XX	GW200XA87	LF	7.3	440	4.6	7.8	84.7		94	0.22	4.7					
10/19/2016	XX	GW200XAC8	LF	7.2	633	12.2	13.4	79.1	20.2	88	0.1	0.3					
509A																	
8/31/2010	XX	GW509A86E		7.1	1056	11.7	8.55	108.4									
4/11/2011	XX	GW509A8AC	LF	6.9	1012	7.4	7.2	109.75		4	0.2	1.8					
7/27/2011	XX	GW509A8E8	LF	7	357	13.7	10.8	106.15		67	0.4	0					
10/18/2011	XX	GW509A8CA	LF	7.2	1058	11.4	4.7	112.25	24.4	181	0.4	1.2					
4/10/2012	XX	GW509A8IF	LF	7	890	6.6	7.88	109.07		-39	0.4	0					
7/10/2012	XX	GW509A90H	LF	6.8	941	13	13.52	103.43		7	0.6	0					
10/2/2012	XX	GW509A92H	LF	6.8	1208	12.4	7.86	109.09	21.07	-48	0.6	0					
4/9/2013	XX	GW509A950	LF	6.8	860	5.4	7.42	109.53		149	0.6	0.1					
7/9/2013	XX	GW509A96J	LF	6.6	923	11.6	8.35	108.6		13	0.4	1.3					
10/22/2013	XX	GW509A9AG	LF	6.8	931	11.7	8.3	108.65	24.32	-25	0.4	0.2					
4/29/2014	XX	GW509A9D2	LF	7.1	846	6.9	7.67	109.28		130	0.3	0.8					
7/15/2014	XX	GW509A9F3	LF	6.7	1028	12.9	8.15	108.8		192	0.4	1.5					
9/30/2014	XX	GW509A9H0	LF	6.6	1144	11.2	8.55	108.4	24.3	171	0.4	0.4					
4/14/2015	XX	GW509AA2H	LF	6.8	891	6.5	7.1	109.85		133	1.1	0.5					
7/21/2015	XX	GW509AA50	LF	6.7	1074	11.9	8.53	108.42		163	0.6	0.6					
10/20/2015	XX	GW509AA74	LF	6.8	975	9.8	8.3	108.65	24.3	147	0.4	0.1					
4/26/2016	XX	GW509AA95	LF	6.9	933	5.6	7.8	109.15		166	0.4	1					
10/18/2016	XX	GW509AAD4	LF	6.7	1234	10.3	8.9	108.05	24.4	177	0.7	4.3					
509B																	
8/31/2010	XX	GW509B86F		6.9	1077	12.7	8.75	108.36									

SUMMARY REPORT
Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method	pH	Specific Conductance	Temperature	Water Level Depth	Water Level Elevation	Well Depth	Eh	Dissolved Oxygen	Turbidity (field)
			-	STU	µmhos/cm @25°C	Deg C	Feet	MSL FT	Feet	mV	mg/L	NTU
(509B)												
4/11/2011	XX	GW509B899	LF	6.8	889	7.2	7.3	109.81		40	0.3	1.3
7/27/2011	XX	GW509B8D5	LF	6.8	580	11.6	11.2	105.91		187	1	0
10/18/2011	XX	GW509B8B7	LF	6.9	940	11.7	7.63	109.48	17.72	287	0.6	1.1
4/10/2012	XX	GW509B8HC	LF	6.9	782	6.2	8.11	109		34	0.3	0.6
7/10/2012	XX	GW509B8JF	LF	6.7	817	13.6	8.19	108.92		66	0.4	0
10/2/2012	XX	GW509B91H	LF	6.6	1136	13.1	8.08	109.03	17.68	295	0.4	0
4/9/2013	XX	GW509B93H	LF	6.7	756	4.4	7.8	109.31		238	0.3	0.3
7/9/2013	XX	GW509B95H	LF	6.6	775	12.8	8.27	108.84		227	0.8	1.7
10/22/2013	XX	GW509B99G	LF	6.7	786	12.6	8.5	108.61	17.71	13	0.4	0.2
4/29/2014	XX	GW509B9BJ	LF	7	827	5.1	7.9	109.21		245	0.3	0.8
7/15/2014	XX	GW509B9E1	LF	6.6	1039	12.4	8.28	108.86		319	0.4	1.2
9/30/2014	XX	GW509B9G0	LF	6.6	1120	11.9	8.8	108.31	17.65	232	0.4	0.5
4/14/2015	XX	GW509BA1E	LF	6.7	920	5.1	7.2	109.91		208	1.2	0.5
7/21/2015	XX	GW509BA3I	LF	6.6	1068	12.2	8.7	108.41		196	0.5	0.5
10/20/2015	XX	GW509BA64	LF	6.7	961	10	8.51	108.6	17.6	199	0.6	0.1
4/26/2016	XX	GW509BA85	LF	6.9	951	5.5	8.05	109.06		193	0.4	0.9
10/18/2016	XX	GW509BAC6	LF	6.7	1249	10.8	9	108.11	17.72	216	0.7	1.9
516B-B												
4/30/2008	XX	GW516B701	LF	7.3	1084	7.5	9.2			211	3	0.9
7/22/2008	XX	GW516B72C	LF	7.1	964	12.9	10.63			363	2	1.6
10/7/2008	XX	GW516B754	LF	7.3	792	14.1	9.5		43.8	320	4	0.9
4/22/2009	XX	GW516B77F	LF	7	1035	9.2	9.4			314	1	0
7/21/2009	XX	GW516B7A4	LF	7.1	1014	14.7	9.62			367	1	0.2
10/20/2009	XX	GW516B7F0	LF	7.5	945	8.3	9.9		43.8	49	0.4	0
3/31/2010	XX	GW516B7HC	LF	7	948	7.6	8.67			300	1	0
7/28/2010	XX	GW516B7JG	LF	7	1031	12.6	10.9			299	1	0.6
10/5/2010	XX	GW516B824	LF	7.2	1074	12	9.82		43.8	270	0.4	0
4/12/2011	XX	GW516B897	LF	7.3	1036	11.2	8.8			313	2	0.3
7/26/2011	XX	GW516B8D3	LF	7	967	13.5	11			340	0.8	0
10/17/2011	XX	GW516B8B5	LF	7.6	1012	12	8.9		43.82	424	0.4	2
4/11/2012	XX	GW516B8HA	LF	7.4	1025	8.4	9.64			250	2	0
7/11/2012	XX	GW516B8JD	LF	7.3	1032	13.2	9.92			329	0.6	0
10/2/2012	XX	GW516B91F	LF	7.1	1004	12.3	9.62		43.8	255	0.3	0
4/9/2013	XX	GW516B93F	LF	7.5	1001	7.8	9.7			456	2	1.1
7/9/2013	XX	GW516B95F	LF	7.3	1076	13.4	9.75			241	0.8	0.4
10/22/2013	XX	GW516B99E	LF	7.3	974	11.2	9.9		43.8	-19	0.4	0.2
4/30/2014	XX	GW516B9BH	LF	7.5	1074	7.7	9.2			1	0.4	.6
7/15/2014	XX	GW516B9DJ	LF	7.1	1048	13.9	9.6			111	0.3	1
9/30/2014	XX	GW516B9FI	LF	7.2	1019	10.4	11		43.8	151	0.4	0.3
4/14/2015	XX	GW516BA1C	LF	7.2	981	9.5	8.95			5	0.6	1.8
7/20/2015	XX	GW516BA3G	LF	7.1	1100	16.5	10.1			26	0.4	1.2
10/20/2015	XX	GW516BA62	LF	7.1	1030	10	9.9		43.8	54	0.4	1.1
4/26/2016	XX	GW516BA83	LF	7.3	1103	7.6	9.55			69	0.4	0.6
10/18/2016	XX	GW516BAC4	LF	7.1	1141	10.7	14		43.9	99	0.6	1.9
641												
4/29/2008	XX	GW641X708	LF	6.5	1941	8.9	20.73	86.74		208	1	1.6
7/21/2008	XX	GW641X72J	LF	6.4	1955	19.6	21.8	85.67		21	0.6	2.8
10/7/2008	XX	GW641X75B	LF	6.5	1773	13.2	20.02	87.45	34.31	39	0.6	0.9

SUMMARY REPORT

Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
4/20/2009	XX	GW641X782	LF	6.7	2860	13.2	19.9	87.57		46	0.8	1.9
7/20/2009	XX	GW641X7AB	LF	6.5	3290	17	20.42	87.05		-17	0.6	0.9
10/20/2009	XX	GW641X7F7	LF	7.2	3060	7.9	21.77	85.7	34.3	-42	0.6	0
3/29/2010	XX	GW641X7HJ	LF	6.7	2380	8.3	19.4	88.07		-38	0.6	0
7/27/2010	XX	GW641X803	LF	6.3	1707	18.6	22.74	84.73		25	0.6	1
10/5/2010	XX	GW641X82B	LF	6.4	1691	14.1	20.18	87.29	34.3	123	1	0
4/13/2011	XX	GW641X89C	LF	6.7	1877	8.9	20	87.47		101	0.6	1
7/26/2011	XX	GW641X8D8	LF	6.9	1519	16.6	22.88	84.59		126	1	0.8
10/19/2011	XX	GW641X8BA	LF	6.8	1618	11.4	19.7	87.77	34.3	-48	0.3	2.2
4/10/2012	XX	GW641X8HF	LF	6.9	1124	12	20.84	86.63		-23	0.4	0
7/10/2012	XX	GW641X8JI	LF	6.7	984	17.2	20.5	86.97		-22	0.4	0
10/1/2012	XX	GW641X920	LF	6.6	3860	13.3	20.25	87.22	34.31	-61	0.4	0
11/7/2012	XX	GW641X93E	LF	6.7	1540	10.6	19.1	88.37	34.27	-65	0.3	1.3
4/9/2013	XX	GW641X940	LF	6.9	1699	6.8	19	88.47		103	0.4	1.2
7/9/2013	XX	GW641X960	LF	6.6	815	16.6	21.07	86.4		11	0.6	2.4
10/21/2013	XX	GW641X99J	LF	6.5	1140	15.3	22.48	84.99	34.35	85	0.6	0.5
4/30/2014	XX	GW641X9C2	LF	6.7	1049	9	18.1	89.37		154	0.3	1
7/16/2014	XX	GW641X9E4	LF	6.6	1184	14.7	20.85	86.62		136	0.4	0.7
10/1/2014	XX	GW641X9G3	LF	6.7	922	12.6	22.75	84.72	34.32	66	0.4	0.2
4/15/2015	XX	GW641XA1H	LF	6.9	1368	10.3	16.94	90.53		127	0.6	0.2
7/22/2015	XX	GW641XA41	LF	7	1018	14.5	21.6	85.87		134	0.4	0.3
10/20/2015	XX	GW641XA67	LF	7	933	13.8	21.36	86.11	34.32	143	0.4	1.2
4/26/2016	XX	GW641XA88	LF	7	1301	7.6	19.9	87.57		110	0.5	0.9
10/19/2016	XX	GW641XAC9	LF	6.9	822	15.3	23.06	84.41	34.33	119	0.4	0.4
MW01-602B												
4/28/2008	XX	GW602B707	LF	6.9	4220	12.4	18.5	112.61		75	1	0
9/8/2008	XX	GW602B72I	LF	6.5	3830	15.1	29.7	110.4	50.45	66	0.6	2.2
10/6/2008	XX	GW602B75A	LF	6.8	1122	11.3	27.1	113	50.45	50	0.6	5
4/22/2009	XX	GW602B781	LF	7.1	493	8.3	26.4	113.7		22	0.4	5.1
7/20/2009	XX	GW602B7AA	LF	6.7	661	16.2	27.05	113.05		107	0.4	5.3
10/19/2009	XX	GW602B7F6	LF	6.9	1930	10.6	29.8	110.3	50.45	144	0.2	0.2
3/29/2010	XX	GW602B7HI	LF	6.9	642	7.6	25.9	114.2		11	0.4	0
7/26/2010	XX	GW602B802	LF	6.7	2400	13.9	33.1	107		35	3	0
10/4/2010	XX	GW602B82A	LF	6.8	914	12.8	27	113.1	50.43	54	0.1	0
4/12/2011	XX	GW602B8AB	LF	7.2	550	8.3	24.95	115.15		143	2	0
7/25/2011	XX	GW602B8E7	LF	6.7	1043	13.3	31.15	108.95		89	1	2.1
4/9/2012	XX	GW602B8IE	LF	6.9	578	8.3	27.68	112.42		152	0.6	2.3
7/9/2012	XX	GW602B90G	LF	6.8	606	8.9	27.5	112.6		-15	0.2	1.7
4/9/2013	XX	GW602B94J	LF	6.8	401	6.7	25.8	114.3		-92	0.8	0.6
7/8/2013	XX	GW602B96I	LF	7.1	462	15.7	28.2	111.9		82	1	1.3
4/29/2014	XX	GW602B9D1	LF	7.3	259	6.9	25.86	114.24		172	0.3	2.1
7/14/2014	XX	GW602B9F2	LF	7.2	493	8.3	27.05	113.05		79	0.3	0.6
4/13/2015	XX	GW602BA2G	LF	7.2	441	6.5	24.41	115.69		148	0.1	0.5
7/20/2015	XX	GW602BA4J	LF	7.4	483	8.6	30.36	109.74		137	0.1 U	0.8
4/25/2016	XX	GW602BAA3	LF	7.4	520	5.7	26.27	113.83		114	0.1	0.6
10/18/2016	XX	GW602BADI	LF	6.8	660	9.5	32.47	107.63	50.45	105	0.1	0.3
MW02-801A												
4/30/2008	XX	GW801A709	LF	7.2	4370	10.3	26.2	86.7		196	3	1.8

SUMMARY REPORT

Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method	pH	Specific Conductance	Temperature	Water Level Depth	Water Level Elevation	Well Depth	Eh	Dissolved Oxygen	Turbidity (field)
			-	STU	µmhos/cm @25°C	Deg C	Feet	MSL FT	Feet	mV	mg/L	NTU
(MW02-801A)												
7/22/2008	XX	GW801A730	LF	6.3	4530	17.6	27.31	85.59		207	2	2.3
10/8/2008	XX	GW801A75C	LF	6.3	4090	17.1	26.9	86	60.8	261	2	18.6
4/22/2009	XX	GW801A783	LF	6.7	4080	10.7	26.42	86.48		43	2	10
7/22/2009	XX	GW801A7AC	LF	6.7	4450	13.2	26.55	86.35		229	1	11
10/21/2009	XX	GW801A7F8	LF	6.6	6490	15.3	27.55	85.35	60.88	207	2	3.2
3/30/2010	XX	GW801A7I0	LF	6.4	4170	7.7	26.1	86.8		287	2	4.1
7/28/2010	XX	GW801A804	LF	6.4	3850	18.5	27.65	85.25		111	2	0.2
10/4/2010	XX	GW801A82C	LF	6.6	4520	12	27.75	85.15	60.85	152	1	1.6
4/11/2011	XX	GW801A89F	LF	7	4240	7.9	25.95	86.95		134	5	2.5
7/25/2011	XX	GW801A8DB	LF	6.8	3610	15.3	27.3	85.6		108	3	2.1
10/17/2011	XX	GW801A8BD	LF	7.2	3880	13.2	26.85	86.05	60.88	151	0.4	0.6
4/9/2012	XX	GW801A8HI	LF	6.6	3730	11.9	26.7	86.2		354	1	2.4
7/9/2012	XX	GW801A901	LF	6.7	3630	14.6	26.4	86.5		97	1	2.2
10/3/2012	XX	GW801A923	LF	6.7	4020	11.8	27.23	85.67	60.76	34	0.6	0
4/9/2013	XX	GW801A943	LF	6.4	3520	9.4	26.05	86.85		234	1	4.4
7/8/2013	XX	GW801A963	LF	6.7	3600	16.1	26.65	86.25		111	1	1.5
10/21/2013	XX	GW801A9A2	LF	7	3390	15.6	27.3	85.6	60.88	135	3	1.2
4/28/2014	XX	GW801A9C5	LF	6.5	3530	10.7	25.4	87.5		188	3	1
7/14/2014	XX	GW801A9E7	LF	6.7	3410	15.8	26.66	86.24		142	1	2.2
9/29/2014	XX	GW801A9G6	LF	7	3330	16.8	27.75	85.15	60.88	95	1	5.4
4/13/2015	XX	GW801AA20	LF	6.6	3271	11.2	25.85	87.05		155	1.6	3.4
7/20/2015	XX	GW801AA44	LF	6.8	3044	11.3	27.25	85.65		168	0.1	0.8
10/19/2015	XX	GW801AA6A	LF	6.6	3027	11.2	27.55	85.35	60.78	337	0.5	1.2
4/25/2016	XX	GW801AA8B	LF	6.8	2776	11.3	25.92	86.98		145	0.1	1.3
10/17/2016	XX	GW801AACC	LF	6.6	2876	14	28.4	84.5	60.88	89	0.3	1.1
MW02-801B												
4/30/2008	XX	GW801B70B	LF	7	1092	10.7	25.5	87.11		151	4	1.2
7/22/2008	XX	GW801B732	LF	6.3	4530	11.9	26.4	86.21		163	0.8	1
10/8/2008	XX	GW801B75E	LF	6.6	950	12.9	26.6	86.01	32.98	385	0.8	10.1
4/22/2009	XX	GW801B785	LF	6.7	3260	10.4	25.6	87.01		262	3	12.1
7/22/2009	XX	GW801B7AE	LF	6.4	4340	12	25.75	86.86		216	1	7.6
10/21/2009	XX	GW801B7FA	LF	6.7	5850	11.8	27	85.61	33.01	247	1	6.6
3/30/2010	XX	GW801B7I2	LF	6.3	3660	9.5	25.1	87.51		167	1	1.9
7/28/2010	XX	GW801B806	LF	6.5	4210	18.3	26.95	85.66		205	2	8.2
10/4/2010	XX	GW801B82E	LF	6.6	4400	12.4	27.25	85.36	32.9	164	2	7.2
4/11/2011	XX	GW801B8B1	LF	7	2210	10.8	25.3	87.31		148	2	8.5
7/25/2011	XX	GW801B8EH	LF	6.4	2970	11.9	26.04	86.57		193	4	8.5
10/17/2011	XX	GW801B8CJ	LF	6.9	4110	11.9	26.5	86.11	32.9	171	1	0.5
4/9/2012	XX	GW801B8J4	LF	6.5	3520	10.5	25.8	86.81		222	0.6	7.6
7/9/2012	XX	GW801B916	LF	6.7	3470	11.5	25.39	87.22		-42	0.6	3.2
10/3/2012	XX	GW801B936	LF	6.7	3960	11.9	26.89	85.72	32.94	111	0.8	0
4/9/2013	XX	GW801B959	LF	6.5	3490	9.3	25.3	87.31		174	0.8	5.1
7/8/2013	XX	GW801B978	LF	6.8	3340	16.1	25.63	86.98		188	6	12.2
10/21/2013	XX	GW801B9B5	LF	6.8	3620	12.3	26.35	86.26	32.9	134	0.6	3.5
4/28/2014	XX	GW801B9DB	LF	6.5	3510	10.1	25.03	87.58		284	4	3.4
7/14/2014	XX	GW801B9FC	LF	6.8	3570	12.9	25.9	86.71		122	1	1.8
9/29/2014	XX	GW801B9H9	LF	6.8	3700	11.9	26.82	85.79	33.01	141	0.4	2.7
4/13/2015	XX	GW801BA35	LF	6.7	3320	11.4	25.51	87.1		152	3.9	8.5
7/20/2015	XX	GW801BA59	LF	6.9	2927	11.8	26.1	86.51		165	0.4	1.6

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW02-801B) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/19/2015	XX	GW801BA7D	LF	6.9	2320	11.1	27.07	85.54	32.9	225	0.3	0.9
4/25/2016	XX	GW801BA9D	LF	6.9	2820	11.2	24.72	87.89		129	0.5	1.4
10/17/2016	XX	GW801BADC	LF	6.7	2732	12.8	27.7	84.91	32.9	149	0.5	1.3
MW03-802A												
4/29/2008	XX	GW802A70A	LF	6.6	866	7.3	24.55	96.17		126	1	4.1
7/22/2008	XX	GW802A731	LF	6.6	870	13.9	25.5	95.22		144	1	2.4
10/6/2008	XX	GW802A75D	LF	6.7	821	8.4	25.32	95.4	54.53	135	1	2.8
4/21/2009	XX	GW802A784	LF	6.7	1017	6.5	24.7	96.02		190	1	3
7/21/2009	XX	GW802A7AD	LF	6.5	1014	13.7	24.9	95.82		117	1	3.2
10/19/2009	XX	GW802A7F9	LF	7.2	952	8.6	26	94.72	54.55	131	2	1.7
3/30/2010	XX	GW802A7I1	LF	6.5	890	7.8	24.5	96.22		128	1	0.4
7/26/2010	XX	GW802A805	LF	6.4	1042	18.4	26	94.72		25	0.8	2.4
10/4/2010	XX	GW802A82D	LF	6.6	1007	10.1	25.86	94.86	54.5	157	2	0
4/11/2011	XX	GW802A89G	LF	6.8	876	8.2	24	96.72		159	0.4	6
7/26/2011	XX	GW802A8DC	LF	6.8	987	11.6	25.65	95.07		155	1	1.6
10/17/2011	XX	GW802A8BE	LF	6.9	959	10.2	24.8	95.92	54.5	136	0.6	1.8
4/9/2012	XX	GW802A8HJ	LF	5.9	612	8.6	25	95.72		27	2	5
7/9/2012	XX	GW802A902	LF	6.3	859	13.7	24.99	95.73		-42	1	0
10/1/2012	XX	GW802A924	LF	6.5	866	11.8	25.81	94.91	54.43	-27	1	0
4/8/2013	XX	GW802A944	LF	6.4	712	9.2	24.7	96.02		245	1	0.8
7/8/2013	XX	GW802A964	LF	6.5	886	12.9	25.1	95.62		46	0.8	0.5
10/21/2013	XX	GW802A9A3	LF	6.5	776	10.3	25.74	94.98	54.5	66	1	1.2
4/28/2014	XX	GW802A9C6	LF	6.5	773	9.2	24.5	96.22		80	2	1.2
7/14/2014	XX	GW802A9E8	LF	6.3	763	16	25.2	95.52		159	0.8	0.8
9/29/2014	XX	GW802A9G7	LF	6.5	837	11.7	26	94.72	54.5	124	0.8	0.4
4/13/2015	XX	GW802AA21	LF	6.8	611	11.8	24.6	96.12		217	3.6	1.3
7/20/2015	XX	GW802AA45	LF	6.7	689	15	25.4	95.32		225	1.4	0.8
10/20/2015	XX	GW802AA6B	LF	6.8	716	10.1	25.8	94.92	54.5	166	1.5	0.5
4/25/2016	XX	GW802AA8C	LF	7.4	470	9.8	24.8	95.92		266	3.6	1.7
10/17/2016	XX	GW802AACD	LF	7.3	491	13.4	26.8	93.92	54.5	233	0.6	3.7
MW03-802B												
4/29/2008	XX	GW802B6JD	LF	6.2	1026	7.4	27.9	94.11		248	1	2.1
7/22/2008	XX	GW802B725	LF	6	1022	12.4	28.4	93.61		227	1	2.8
10/6/2008	XX	GW802B74G	LF	6	961	9.1	28.3	93.71	34.9	201	1	0.7
4/21/2009	XX	GW802B777	LF	6.2	1112	6.1	27.85	94.16		183	1	1
7/21/2009	XX	GW802B79H	LF	6.2	1050	13.7	28.1	93.91		242	1	2
10/19/2009	XX	GW802B7EC	LF	6.3	880	7.9	28.35	93.66	34.88	97	2	2.9
3/30/2010	XX	GW802B7H4	LF	6.1	910	6.9	28	94.01		206	1	0
7/26/2010	XX	GW802B7J9	LF	6.1	1130	15.2	28.3	93.71		157	2	7.3
10/4/2010	XX	GW802B81G	LF	5.8	927	9.7	28.52	93.49	34.8	264	2	0
4/11/2011	XX	GW802B8AE	LF	6.2	958	8.3	27.5	94.51		193	0.4	0
7/26/2011	XX	GW802B8EA	LF	6.1	1114	13.6	28.05	93.96		258	1	1
10/17/2011	XX	GW802B8CC	LF	6.3	990	10	27.85	94.16	34.82	87	0.4	1.6
4/9/2012	XX	GW802B8IH	LF	6.1	1101	8.6	28.12	93.89		202	1	5.6
7/9/2012	XX	GW802B90J	LF	6.3	1086	13.9	27.93	94.08		215	0.6	2.7
10/1/2012	XX	GW802B92J	LF	5.9	1228	11.5	28.21	93.8	34.75	-11	1	0
4/8/2013	XX	GW802B952	LF	6.5	1053	9.2	27.95	94.06		175	0.4	0.6
7/8/2013	XX	GW802B971	LF	6.1	1173	11.2	28	94.01		204	0.4	2.6

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW03-802B) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/21/2013	XX	GW802B9AI	LF	6.2	1198	10.3	28.2	93.81	34.82	66	1	0.6
4/28/2014	XX	GW802B9D4	LF	6.6	1077	9	27.82	99.19		57	0.4	0.9
7/14/2014	XX	GW802B9F5	LF	6.5	1175	14	28	94.01		184	0.4	0.9
9/29/2014	XX	GW802B9H2	LF	6.1	1256	12.2	28.2	93.81	34.85	141	0.6	1
4/13/2015	XX	GW802BA2J	LF	6.6	1220	10.9	28	94.01		178	1.6	0.7
7/20/2015	XX	GW802BA52	LF	6.4	1323	13.2	28	94.01		161	1.4	0.8
10/20/2015	XX	GW802BA76	LF	6.3	1286	10	28.12	93.89	34.85	144	0.7	0.2
4/25/2016	XX	GW802BA97	LF	6.6	1135	10.1	27.7	94.31		114	0.7	0.4
10/17/2016	XX	GW802BAD6	LF	6.2	1587	12.5	28.3	93.71	34.85	151	3.6	6.1
MW03-803A												
4/29/2008	XX	GW803A6JE	LF	6.7	1010	7.5	20.98	104.78		161	3	2.4
7/22/2008	XX	GW803A726	LF	6.5	1095	12.5	21.95	103.81		149	0.8	1.7
10/6/2008	XX	GW803A74H	LF	6.4	1005	9.6	20.9	104.86	43.92	36	0.6	0.5
4/21/2009	XX	GW803A778	LF	6.5	1245	6.7	20.9	104.86		281	0.8	4.9
7/21/2009	XX	GW803A79I	LF	6.6	973	11.4	21.1	104.66		268	0.8	1.2
10/19/2009	XX	GW803A7ED	LF	6.4	1155	6.1	22	103.76	43.89	145	1	0.2
3/30/2010	XX	GW803A7H5	LF	6.7	781	7.2	20.3	105.46		242	1	0
7/26/2010	XX	GW803A7JA	LF	6.2	1305	12.9	22.25	103.51		194	0.8	0.6
10/4/2010	XX	GW803A81H	LF	6.4	1131	10.7	21.75	104.01	43.9	301	1	0
4/11/2011	XX	GW803A8AF	LF	7	809	8.6	20.05	105.71		244	0.6	1.3
7/26/2011	XX	GW803A8EB	LF	6.4	1200	12.7	21.79	103.97		339	1	0.5
10/17/2011	XX	GW803A8CD	LF	6.8	1222	11.2	20.9	104.86	43.89	196	0.6	1.2
4/9/2012	XX	GW803A8II	LF	6.3	1093	8.9	21.23	104.53		276	0.6	0
7/9/2012	XX	GW803A910	LF	6.6	1177	11.4	21.14	104.62		289	0.4	0
10/1/2012	XX	GW803A930	LF	6.4	1299	11.2	21.71	104.05	42.9	273	0.6	0
4/8/2013	XX	GW803A953	LF	6.7	1019	9.6	20.7	105.06		271	0.6	0.4
7/8/2013	XX	GW803A972	LF	6.1	1186	11.4	21.3	104.46		308	0.6	0.2
10/21/2013	XX	GW803A9AJ	LF	6.6	1149	10.8	21.85	103.91	43.9	238	0.6	2.5
4/28/2014	XX	GW803A9D5	LF	6.8	1312	9.3	20.65	105.11		326	0.6	2.2
7/14/2014	XX	GW803A9F6	LF	6.5	1264	12.4	21.1	104.66		221	0.6	0.5
9/29/2014	XX	GW803A9H3	LF	6.5	1342	12.4	22.2	103.56	43.95	350	0.6	0.1
4/13/2015	XX	GW803AA30	LF	6.7	1268	8.9	20.35	105.41		281	1.2	1.2
7/20/2015	XX	GW803AA53	LF	6.5	1343	12.1	21.65	104.11		292	2.7	0.2
10/19/2015	XX	GW803AA77	LF	6.4	1343	9.3	21.65	104.11	43.95	266	2.5	1
4/25/2016	XX	GW803AA98	LF	6.5	1341	9.2	19.7	106.06		319	0.7	2.5
7/27/2016	XX	GW803AABB	LF	6.5	1440	12.2	22	103.76		273	1.8	3.5
10/17/2016	XX	GW803AAD7	LF	6.4	1455	10.6	23.1	102.66	43.89	355	1.8	3.9
MW03-803B												
4/29/2008	XX	GW803B6JF	LF	6.3	1158	7.6	22.6	102.81		250	1	0.5
7/22/2008	XX	GW803B727	LF	6.2	1183	11.7	23.2	102.21		172	0.6	0.7
10/6/2008	XX	GW803B74I	LF	6.1	1013	10	22.2	103.21	30.02	129	0.4	0.4
4/21/2009	XX	GW803B779	LF	6.2	1315	6.6	22.45	102.96		177	0.6	0.8
7/21/2009	XX	GW803B79J	LF	6.1	1300	11.4	22.65	102.76		152	0.6	0.7
10/19/2009	XX	GW803B7EE	LF	6.1	1175	7.3	23.2	102.21	30	159	2	1
3/30/2010	XX	GW803B7H6	LF	6.2	996	7.3	21.28	104.13		30	1	1.2
7/26/2010	XX	GW803B7JB	LF	6.1	1443	12.4	23.5	101.91		136	0.6	0.5
10/4/2010	XX	GW803B81I	LF	6.2	1437	10.8	23.18	102.23	30	190	2	0
4/11/2011	XX	GW803B89H	LF	6.3	1242	8.9	21.55	103.86		-29	0.3	0.4

SUMMARY REPORT
Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method	pH	Specific Conductance	Temperature	Water Level Depth	Water Level Elevation	Well Depth	Eh	Dissolved Oxygen	Turbidity (field)
			-	STU	µmhos/cm @25°C	Deg C	Feet	MSL FT	Feet	mV	mg/L	NTU
(MW03-803B)												
7/26/2011	XX	GW803B8DD	LF	6.1	1403	11.4	23.27	102.14		249	1	0.4
10/17/2011	XX	GW803B8BF	LF	6.4	1367	10.9	22.4	103.01	30	101	0.3	1.2
4/9/2012	XX	GW803B8I0	LF	6.1	1269	9	22.81	102.6		-25	0.4	0
7/9/2012	XX	GW803B903	LF	6.2	1391	10.7	22.72	102.69		27	0.4	0
10/1/2012	XX	GW803B925	LF	6.3	1415	11.2	23.19	102.22	30.08	225	0.6	0
4/8/2013	XX	GW803B945	LF	6.3	1348	9.4	21.98	103.43		191	0.4	3.1
7/8/2013	XX	GW803B965	LF	5.8	1377	10.6	22.9	102.51		115	0.8	0.4
10/21/2013	XX	GW803B9A4	LF	6.4	1335	10.6	23.35	102.06	30.06	92	0.6	0.3
4/28/2014	XX	GW803B9C7	LF	6.4	1316	9.3	21.9	103.51		46	0.4	2.9
7/14/2014	XX	GW803B9E9	LF	6.1	1383	11.3	22.7	102.71		156	0.3	0.7
9/29/2014	XX	GW803B9G8	LF	6.2	1423	10.7	23.6	101.81	30.08	183	0.6	0.2
4/13/2015	XX	GW803BA22	LF	6.3	1157	8.6	21.38	104.03		107	2.9	3.3
7/20/2015	XX	GW803BA46	LF	6.3	1352	11.8	23.23	102.18		194	1.7	0.7
10/19/2015	XX	GW803BA6C	LF	6.3	1352	9.8	22.9	102.51	30.08	186	3.3	1
4/25/2016	XX	GW803BA8D	LF	6.4	1390	9.1	22.08	103.33		155	0.9	0.6
7/27/2016	XX	GW803BAAI	LF	6.3	1480	12.1	23.32	102.09		199	2.9	5.7
10/17/2016	XX	GW803BACE	LF	6.3	1497	11.2	24.2	101.21	30	204	2.1	5.2
MW03-804A												
4/29/2008	XX	GW804A6JG	LF	6.5	808	7.7	19	118.51		328	1	0.5
7/22/2008	XX	GW804A728	LF	6.5	786	15.3	20.28	117.23		361	0.8	0.2
10/7/2008	XX	GW804A74J	LF	6.5	643	12.4	19	118.51	54.42	334	1	0.6
4/21/2009	XX	GW804A77A	LF	6.7	823	6.7	19	118.51		348	0.6	0
7/21/2009	XX	GW804A7A0	LF	6.7	790	13.7	18.5	119.01		385	0.6	0
10/19/2009	XX	GW804A7EF	LF	6.4	770	8.2	19.95	117.56	54.42	291	0.4	0.8
3/30/2010	XX	GW804A7H7	LF	6.4	699	7	18.18	119.33		256	0.4	0
7/26/2010	XX	GW804A7JC	LF	6.4	786	14.1	20.03	117.48		263	0.4	0.6
10/4/2010	XX	GW804A81J	LF	6.6	797	12.7	17.73	119.78	54.4	362	1	0
4/11/2011	XX	GW804A8AG	LF	6.7	693	9.3	16.7	120.81		298	0.4	0.5
7/25/2011	XX	GW804A8EC	LF	6.5	760	14.4	19.86	117.65		314	0.6	2
10/17/2011	XX	GW804A8CE	LF	7.3	723	12.3	17.6	119.91	54.45	405	0.8	1.3
4/9/2012	XX	GW804A8IJ	LF	6.3	597	8.8	18.8	118.71		318	1	0.7
7/9/2012	XX	GW804A911	LF	6.6	737	13.2	17.37	120.14		265	0.4	0
10/1/2012	XX	GW804A931	LF	6.5	739	12.9	19.36	118.15	54.41	245	0.4	0
4/8/2013	XX	GW804A954	LF	6.7	674	9.9	18.1	119.41		344	1	0.5
7/8/2013	XX	GW804A973	LF	6.5	712	14.1	17.22	120.29		336	0.8	1.2
10/21/2013	XX	GW804A9B0	LF	6.7	683	12.9	18.7	118.81	55.44	315	0.6	0.3
4/28/2014	XX	GW804A9D6	LF	6.9	682	8.9	17.2	120.31		419	1	0.4
7/14/2014	XX	GW804A9F7	LF	6.7	699	14.8	17.12	120.39		414	0.6	0.9
9/29/2014	XX	GW804A9H4	LF	6.7	781	11.6	19.5	118.01	54.44	334	0.4	0
4/13/2015	XX	GW804AA31	LF	6.7	697	12.5	17.55	119.96		272	1.3	0.7
7/20/2015	XX	GW804AA54	LF	6.6	845	14.6	18.2	119.31		292	1.3	0.1
10/19/2015	XX	GW804AA78	LF	6.6	792	10.1	18.7	118.81	54.44	255	0.9	0.05 U
4/25/2016	XX	GW804AA99	LF	6.7	854	11	16.2	121.31		311	0.8	0.3
10/17/2016	XX	GW804AAD8	LF	6.6	1070	14	20.9	116.61	54.47	261	0.9	1.4
MW-906B												
4/29/2008	XX	GW906B70D	LF	6.9	576	8.7	30.6	94.4		273	1	0.5
7/22/2008	XX	GW906B734	LF	6.8	600	9.4	33.8	91.2		290	3	0
10/6/2008	XX	GW906B75G	LF	6.8	513	10.1	33	92	40.3	251	1	2.6

SUMMARY REPORT

Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method	pH	Specific Conductance	Temperature	Water Level Depth	Water Level Elevation	Well Depth	Eh	Dissolved Oxygen	Turbidity (field)
			-	STU	µmhos/cm @25°C	Deg C	Feet	MSL FT	Feet	mV	mg/L	NTU
(MW-906B)												
4/20/2009	XX	GW906B787	LF	6.8	554	10.1	31.2	93.8		291	0.6	1.9
7/22/2009	XX	GW906B7AG	LF	6.8	593	10.9	30.7	94.3		378	0.8	5.5
10/19/2009	XX	GW906B7FC	LF	7.4	968	9.6	32.9	92.1	40.28	278	2	0.4
3/29/2010	XX	GW906B7I4	LF	6.7	645	8.3	31.1	93.9		117	2	2.5
7/26/2010	XX	GW906B808	LF	6.8	608	10.1	33.5	91.5		274	0.8	2.5
10/4/2010	XX	GW906B82G	LF	6.6	697	9.8	33.6	91.4	40.25	327	0.8	0
4/11/2011	XX	GW906B89J	LF	6.8	568	9.3	33.1	91.9		250	0.4	4.8
7/25/2011	XX	GW906B8DF	LF	6.5	529	10.8	32.7	92.3		288	1	1.1
10/17/2011	XX	GW906B8BH	LF	7.9	621	9.6	31.8	93.2	40.25	282	2	1.3
4/9/2012	XX	GW906B8I2	LF	6.6	507	9.3	31.15	93.85		328	1	2.8
7/9/2012	XX	GW906B905	LF	6.6	515	11	31	94		-58	0.4	6.5
10/2/2012	XX	GW906B927	LF	6.6	550	10	33.25	91.75	40.25	441	0.6	3.6
4/8/2013	XX	GW906B947	LF	6.8	512	9.7	32.6	92.4		-46	0.3	1
7/9/2013	XX	GW906B967	LF	6.6	500	11.1	31.45	93.55		212	1	2.8
10/22/2013	XX	GW906B9A6	LF	6.9	466	10.2	32.9	92.1	40.25	156	2	6.9
4/28/2014	XX	GW906B9C9	LF	6.3	513	9.5	31.1	93.9		329	1	2.1
7/15/2014	XX	GW906B9EB	LF	7	465	10.5	31.64	93.36		296	1	1.2
9/30/2014	XX	GW906B9GA	LF	6.9	481	9.8	33.05	91.95	40.3	399	3	0.5
4/14/2015	XX	GW906BA24	LF	6.9	474	9.8	31.35	93.65		380	1.8	0.5
7/21/2015	XX	GW906BA48	LF	7	457	9.8	32.21	92.79		364	0.2	0.3
10/19/2015	XX	GW906BA6E	LF	7	451	9.4	33.16	91.84	40.3	269	0.2	0.4
4/25/2016	XX	GW906BA8F	LF	7.2	427	9.5	30.97	94.03		283	0.4	0.6
10/17/2016	XX	GW906BACG	LF	7	469	10.2	33.7	91.3	40.25	306	0.3	0.3
MW-916												
4/30/2008	XX	GW916X70H	LF	6.7	1160	7.6	38.65	100.31		110	0.4	0.8
7/21/2008	XX	GW916X738	LF	6.3	1398	9.3	38.65	100.31		-12	1	0
10/7/2008	XX	GW916X760	LF	6	646	12.2	38.85	100.11	45.42	242	1	4.2
4/20/2009	XX	GW916X78B	LF	6	948	8.5	37.88	101.08		36	0.4	2.2
7/21/2009	XX	GW916X7B0	LF	6.6	672	10.4	39.5	99.46		389	6	8.9
10/20/2009	XX	GW916X7FG	LF	6.5	1626	8.6	38.1	100.86	45.44	157	0.5	2.3
3/31/2010	XX	GW916X7I8	LF	7.8	225	7.2	37.85	101.11		191	5	2.1
7/27/2010	XX	GW916X80C	LF	5.8	612	13.8	39.7	99.26		189	2	6.1
10/5/2010	XX	GW916X830	LF	6.8	1297	9.6	39.8	99.16	45.44	-16	1	6.3
4/12/2011	XX	GW916X89A	LF	6.9	763	9.2	37.99	100.97		225	1	5.1
7/26/2011	XX	GW916X8D6	LF	6.4	511	9.8	37.5	101.46		349	2	0
10/18/2011	XX	GW916X8B8	LF	7.2	335	9.3	37.75	101.21	45.44	326	1	2.6
4/10/2012	XX	GW916X8HD	LF	6.8	883	8.4	37.35	101.61		186	0.8	4.9
7/10/2012	XX	GW916X8JG	LF	6.9	500	11.3	37	101.96		213	1	5.4
10/2/2012	XX	GW916X91I	LF	6.8	716	10	38.3	100.66	45.45	190	2	7.4
4/8/2013	XX	GW916X93I	LF	6.6	870	9.3	37.4	101.56		239	1	3.5
7/9/2013	XX	GW916X95I	LF	6.9	780	9.1	37.59	101.37		184	1	10.1
10/22/2013	XX	GW916X99H	LF	7.5	480	10	37.35	101.61	45.44	237	3	3.2
4/29/2014	XX	GW916X9C0	LF	6.2	450	9.7	37.6	101.36		317	1	2.6
7/15/2014	XX	GW916X9E2	LF	7.2	432	10.5	37.36	101.6		271	2	3.1
9/30/2014	XX	GW916X9G1	LF	7.3	616	9.7	37.81	101.15	45.38	233	0.6	4.2
4/29/2015	XX	GW916XA1F	LF	8	335	9.1	37.45	101.51		325	10	1.6
7/21/2015	XX	GW916XA3J	LF	7.5	415	10.4	37.25	101.71		202	0.9	0.4
10/20/2015	XX	GW916XA65	LF	7.4	257	9.5	38.35	100.61	45.44	207	0.4	0.8
4/26/2016	XX	GW916XA86	LF	7.8	386	8.5	36.91	102.05		233	3.1	0.4

SUMMARY REPORT
Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method	pH	Specific Conductance	Temperature	Water Level Depth	Water Level Elevation	Well Depth	Eh	Dissolved Oxygen	Turbidity (field)
			-	STU	µmhos/cm @25°C	Deg C	Feet	MSL FT	Feet	mV	mg/L	NTU
(MW-916)												
10/18/2016	XX	GW916XAC7	LF	7	883	9.2	39.9	99.06	45.44	148	0.2	1.1
MW-917												
4/30/2008	XX	GW917X70I	LF	6.8	1473	7.8	37.42	100.57		-72	0.3	1.2
7/21/2008	XX	GW917X739	LF	6.6	1372	9.4	37.45	100.54		110	1	0
10/7/2008	XX	GW917X761	LF	6.6	1192	10.8	38.1	99.89	63.75	342	2	2
4/20/2009	XX	GW917X78C	LF	6.7	1282	8.6	36.7	101.29		27	0.6	0
7/21/2009	XX	GW917X7B1	LF	6.5	1103	9.2	37.75	100.24		132	3	7.3
10/20/2009	XX	GW917X7FH	LF	6.8	1815	8.8	37.9	100.09	63.73	139	1	0
3/31/2010	XX	GW917X7I9	LF	7	1298	6.7	36.9	101.09		146	4	1.6
7/27/2010	XX	GW917X80D	LF	6.6	1120	9.6	38.5	99.49		98	1	0
10/5/2010	XX	GW917X831	LF	7	1219	9	39.1	98.89	63.68	-33	0.2	0
4/12/2011	XX	GW917X89I	LF	7	1111	8.7	36.98	101.01		137	0.2	0
7/26/2011	XX	GW917X8DE	LF	6.1	1045	9.8	36.48	101.51		109	1	0
10/18/2011	XX	GW917X8BG	LF	7.4	389	9.1	36.8	101.19	63.7	170	0.2	0
4/10/2012	XX	GW917X8I1	LF	6.9	1067	8.4	36.32	101.67		102	0.2	1.6
7/10/2012	XX	GW917X904	LF	6.8	990	9.7	36	101.99		-183	0.2	1.4
10/2/2012	XX	GW917X926	LF	6.9	1116	9	37.37	100.62	63.7	-55	0.2	2.4
4/8/2013	XX	GW917X946	LF	6.8	1071	8.9	36.4	101.59		-187	0.2	0.9
7/9/2013	XX	GW917X966	LF	6.8	1017	9.4	36.54	101.45		-13	0.2	0.7
10/22/2013	XX	GW917X9A5	LF	7.2	960	8.9	36.07	101.92	63.7	16	0.2	0.4
4/29/2014	XX	GW917X9C8	LF	6.6	1007	9.3	36.3	101.69		127	0.2	4.5
7/15/2014	XX	GW917X9EA	LF	7	962	9.9	36	101.99		40	0.2	0.2
9/30/2014	XX	GW917X9G9	LF	7.3	938	9.3	36.56	101.43	63.72	100	0.2	0.4
4/14/2015	XX	GW917XA23	LF	6.9	956	9.2	36.1	101.89		110	3.6	0.3
7/21/2015	XX	GW917XA47	LF	7.1	912	9.1	35.9	102.09		112	0.1	0.5
10/20/2015	XX	GW917XA6D	LF	7.1	354	8.9	36.98	101.01	63.7	119	0.1	0.2
4/26/2016	XX	GW917XA8E	LF	7.2	867	8.5	35.55	102.44		92	0.1	0.2
10/18/2016	XX	GW917XACF	LF	7	906	9.1	37.5	100.49	63.7	107	0.1	0.2
MW97-123												
4/28/2008	XX	GW123X6JJ	LF	7.2	1343	8.6	15.2	110.52		71	0.6	2
7/21/2008	XX	GW123X72A	LF	7.1	1162	11.3	18.78	106.94		82	0.4	0.6
10/6/2008	XX	GW123X752	LF	7	1007	9.9	15.5	110.22	76.05	108	0.4	0.5
4/20/2009	XX	GW123X77D	LF	7.2	1508	10.1	15	110.72		20	0.6	2.1
7/20/2009	XX	GW123X7A2	LF	7	1542	15.3	15.16	110.56		121	0.4	0.3
10/19/2009	XX	GW123X7EI	LF	7.5	849	10.4	16.73	108.99	76.08	65	0.4	0
3/31/2010	XX	GW123X7HA	LF	6.9	1477	7.1	14.24	111.48		195	1	0.4
7/27/2010	XX	GW123X7JE	LF	6.9	923	11.3	17.81	107.91		56	0.3	1.3
10/5/2010	XX	GW123X822	LF	6.9	1553	8.8	16.34	109.38	76.1	200	1	0
4/12/2011	XX	GW123X898	LF	7.1	1826	7.5	14.6	111.12		196	0.3	4.2
7/26/2011	XX	GW123X8D4	LF	7.2	1777	10.8	17.27	108.45		154	0.3	0.5
10/18/2011	XX	GW123X8B6	LF	7.4	1697	10.6	15.3	110.42	76.08	70	0.4	1.3
4/10/2012	XX	GW123X8HB	LF	7.2	1691	7.2	15.61	110.11		-7	1	2.7
7/11/2012	XX	GW123X8JE	LF	7.1	1671	9.8	15.74	109.98		277	0.2	0
10/2/2012	XX	GW123X91G	LF	7	1581	10.9	16.2	109.52	76.08	15	0.2	0
4/10/2013	XX	GW123X93G	LF	6.8	1509	8.3	15.01	110.71		142	0.3	7.7
7/9/2013	XX	GW123X95G	LF	6.8	1592	9.9	15.87	109.85		7	0.4	2.5
10/23/2013	XX	GW123X99F	LF	7.4	1350	9.1	16.55	109.17	178.6	94	1	1
4/30/2014	XX	GW123X9BI	LF	7	1414	6.3	14.9	110.82		238	1	4.8

SEVEE & MAHER ENGINEERS, INC.
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(MW97-123) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
7/16/2014	XX	GW123X9E0	LF	7.1	1356	10.4	15.4	110.32		88	0.4	2.2
10/1/2014	XX	GW123X9FJ	LF	7.3	1350	9.3	17.12	108.6	178.6	124	0.3	2.5
4/15/2015	XX	GW123XA1D	LF	7.9	867	7.4	14.35	111.37		-27	0.1	2.1
7/22/2015	XX	GW123XA3H	LF	7.7	886	9.5	16.62	109.1		-62	0.1 U	4.8
10/21/2015	XX	GW123XA63	LF	7.3	1190	9.2	15.85	109.87	178.6	195	0.3	1.2
4/27/2016	XX	GW123XA84	LF	7.2	1382	5.5	14.95	110.77		155	0.4	5.3
10/19/2016	XX	GW123XAC5	LF	7.2	780	11.5	17.9	107.82	178.6	113	0.3	0.2
MW98-601A												
4/28/2008	XX	GW601A702	LF	6.5	2300	9.5	6.33	112.48		253	3	0
7/21/2008	XX	GW601A72D	LF	6.3	2490	14.5	8.63	110.18		284	0.4	0
10/6/2008	XX	GW601A755	LF	6.3	1817	13.4	7.31	111.5	28.55	178	0.4	0.2
4/20/2009	XX	GW601A77G	LF	6.5	2740	9.9	6.15	112.66		299	0.8	0.5
7/20/2009	XX	GW601A7A5	LF	6.3	2780	15.4	6.4	112.41		317	0.4	0.2
10/19/2009	XX	GW601A7F1	LF	6.9	2590	11.9	8.65	110.16	28.58	221	0.4	0
3/29/2010	XX	GW601A7HD	LF	6.4	2430	8.7	6.32	112.49		227	0.6	0.2
7/27/2010	XX	GW601A7JH	LF	6.3	2420	18.8	10.44	108.37		351	0.6	0.3
8/31/2010	XX	GW601A86B	LF	6.3	2410	14.8	11.03	107.78				
10/5/2010	XX	GW601A825	LF	6.4	2370	13.6	8.11	110.7	28.49	301	0.8	0
4/12/2011	XX	GW601A8A9	LF	6.6	2490	10.4	5.97	112.84		228	0.6	0.2
7/25/2011	XX	GW601A8E5	LF	6.4	2620	16	9.7	109.11		318	0.4	0.4
4/10/2012	XX	GW601A8IC	LF	6.6	2400	10.4	7.06	111.75		268	0.6	0
7/10/2012	XX	GW601A90E	LF	6.5	2510	13.2	6.97	111.84		284	0.3	0
4/8/2013	XX	GW601A94H	LF	6.6	2460	11.1	6.3	112.51		273	0.4	0.5
7/9/2013	XX	GW601A96G	LF	6.4	2880	15.2	7.6	111.21		280	0.6	0.3
4/28/2014	XX	GW601A9CJ	LF	6.8	2290	9.7	6.05	112.76		275	0.8	1.3
7/15/2014	XX	GW601A9F0	LF	6.5	2270	16.3	6.9	111.91		171	0.3	0.7
4/14/2015	XX	GW601AA2E	LF	6.5	2225	12.3	5.8	113.01		246	3.8	1
7/21/2015	XX	GW601AA4H	LF	6.5	2518	14	8.8	110.01		222	4.1	0.9
4/26/2016	XX	GW601AAA4	LF	6.6	2330	8.8	6.15	112.66		232	1.4	1
10/18/2016	XX	GW601AADJ	LF	6.5	2371	13.5	10.28	108.53	28.58	231	2.9	4
MW98-601B												
4/28/2008	XX	GW601B703	LF	6.5	1374	9	6.32	112.47		85	0.4	0
7/21/2008	XX	GW601B72E	LF	6.2	1490	15.5	8.69	110.1		70	0.3	0.7
10/6/2008	XX	GW601B756	LF	6.1	1151	15	7.29	111.5	15.02	61	0.3	0.3
4/20/2009	XX	GW601B77H	LF	6.5	1583	9.6	6.15	112.64		64	0.2	1.8
7/20/2009	XX	GW601B7A6	LF	6.4	1730	15.7	6.35	112.44		60	0.3	0.8
10/19/2009	XX	GW601B7F2	LF	6.7	1557	12.7	8.7	110.09	15	28	0.3	0
3/29/2010	XX	GW601B7HE	LF	6.5	1264	8	6.3	112.49		-38	0.3	0.3
7/27/2010	XX	GW601B7JI	LF	6.3	1779	19	10.44	108.35		158	0.3	0.2
8/31/2010	XX	GW601B86C	LF	6.2	1485	17.4	10.97	107.82				
10/5/2010	XX	GW601B826	LF	6.1	1645	15.4	8	110.79	15	251	1	0
4/12/2011	XX	GW601B8AA	LF	6.6	1591	9.3	5.95	112.84		103	0.2	0.5
7/25/2011	XX	GW601B8E6	LF	6.4	1814	17.8	9.76	109.03		159	0.3	1.1
4/10/2012	XX	GW601B8ID	LF	6.6	1761	9.7	7.02	111.77		65	0	0.5
7/10/2012	XX	GW601B90F	LF	6.4	1506	14.5	6.97	111.82		31	0.3	0
4/8/2013	XX	GW601B94I	LF	6.5	1667	11	6.2	112.59		117	0.2	2.6
7/9/2013	XX	GW601B96H	LF	6.3	1843	17.2	7.43	111.36		400	0.2	0.4
4/28/2014	XX	GW601B9D0	LF	6.2	1488	9	5.95	112.84		123	1	0.9

SEVEE & MAHER ENGINEERS, INC.
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(MW98-601B) Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
7/15/2014	XX	GW601B9F1	LF	6.4	1333	17	6.82	111.97		109	0.2	0.8
4/14/2015	XX	GW601BA2F	LF	6.5	1176	11	5.6	113.19		109	3.7	0.4
7/21/2015	XX	GW601BA4I	LF	6.4	1730	15.9	8.6	110.19		114	4	0.3
4/26/2016	XX	GW601BAA2	LF	6.5	1354	8.2	6	112.79		108	2.4	0.5
10/18/2016	XX	GW601BADH	LF	6.4	1696	14.7	10.25	108.54	15.07	170	3.1	3.8
P-911B												
8/31/2010	XX	GW911B865		7.1	1249	10.2						
4/12/2011	XX	GW911B8AD	LF	6.9	1207	8.9	2.03	103.64		96	0.3	2.4
7/27/2011	XX	GW911B8E9	LF	6.5	1042	13.1	4.78	100.89		130	0.6	0.8
10/19/2011	XX	GW911B8CB	LF	6.7	1174	11.9	4.9	100.77	22.51	104	0.6	2.8
4/10/2012	XX	GW911B8IG	LF	6.9	1098	7.4	2.84	102.83		117	0.3	9.6
7/10/2012	XX	GW911B90I	LF	6.9	1097	11.1	3.51	102.16		182	0.2	0
10/2/2012	XX	GW911B92I	LF	6.8	1048	11.9	3.97	101.7	22.44	73	0.3	0
4/8/2013	XX	GW911B951	LF	6.8	993	7.7	2.65	103.02		196	0.3	12.2
7/8/2013	XX	GW911B970	LF	6.6	1070	12.5	3.2	102.47		106	0.4	6.1
10/23/2013	XX	GW911B9AH	LF	7.5	1086	9.6	3.88	101.79	22.53	91	0.3	4.2
4/30/2014	XX	GW911B9D3	LF	7.3	768	7.1	2.58	103.09		126	0.4	6.2
7/16/2014	XX	GW911B9F4	LF	6.8	944	10.4	3.25	102.42		129	0.3	11.4
10/1/2014	XX	GW911B9H1	LF	7.2	904	10	4.8	100.87	22.52	157	0.2	4.1
4/15/2015	XX	GW911BA2I	LF	6.8	959	7.6	1.88	103.79		137	0.1	1.1
7/22/2015	XX	GW911BA51	LF	6.9	911	10.1	4.09	101.58		118	0.1	8.1
10/21/2015	XX	GW911BA75	LF	7.4	861	9.2	3.9	101.77	22.53	161	0.6	2.1
4/26/2016	XX	GW911BA96	LF	7	941	6.7	2.93	102.74		129	0.5	2.5
10/19/2016	XX	GW911BAD5	LF	6.8	918	11.1	5.82	99.85	22.48	127	0.2	1.5
P-914A												
4/28/2008	XX	GW914A70F	LF	6.7	775	9.2	7.24	115.27		-13	0.8	0
7/21/2008	XX	GW914A736	LF	6.5	750	11	8.5	114.01		-64	0.4	0.4
10/7/2008	XX	GW914A75I	LF	6.6	683	9	7.38	115.13	42	-10	0.4	0.5
4/20/2009	XX	GW914A789	LF	6.8	819	9.2	7.35	115.16		-79	0.8	0.5
7/20/2009	XX	GW914A7AI	LF	6.7	806	13.1	7.5	115.01		-70	0.8	0.9
10/19/2009	XX	GW914A7FE	LF	7.3	715	10.1	8.85	113.66	42	-48	0.4	0
3/29/2010	XX	GW914A7I6	LF	6.7	689	8.1	7	115.51		-48	0.6	0
7/28/2010	XX	GW914A80A	LF	6.8	750	10.7	9.55	112.96		-35	0.4	0
10/5/2010	XX	GW914A82I	LF	6.7	728	11.9	8.62	113.89	41.95	136	0.8	0
4/13/2011	XX	GW914A8A0	LF	6.7	745	7.3	6.93	115.58		49	0.4	0
7/26/2011	XX	GW914A8DG	LF	6.8	726	10.4	8.76	113.75		72	0.3	0.2
10/18/2011	XX	GW914A8BI	LF	7	730	11.1	7.5	115.01	42	-39	0.3	1.4
4/11/2012	XX	GW914A8I3	LF	6.9	737	7.6	7.31	115.2		-102	0.4	0
7/10/2012	XX	GW914A906	LF	6.8	769	9.9	7.79	114.72		-59	0.3	0
10/2/2012	XX	GW914A928	LF	6.6	722	9.9	8.27	114.24	11.02 M	-105	0.4	0
4/10/2013	XX	GW914A948	LF	6.6	730	8	7.03	115.48		54	0.3	0.3
7/8/2013	XX	GW914A968	LF	6.6	791	11.3	7.63	114.88		-23	0.6	0
10/22/2013	XX	GW914A9A7	LF	6.8	691	10.5	8.05	114.46	12.98	-49	0.6	0.1
4/28/2014	XX	GW914A9CA	LF	7.1	747	7.4	6.92	115.59		-29	0.4	0.5
7/14/2014	XX	GW914A9EC	LF	6.9	770	10.7	7.5	115.01		65	0.3	0.3
9/29/2014	XX	GW914A9GB	LF	6.9	769	10.9	9	113.51	13.21	45	0.4	0
4/13/2015	XX	GW914AA25	LF	6.9	683	10.3	6.72	115.79		105	0.7	0.7
7/20/2015	XX	GW914AA49	LF	6.8	783	11.5	8.66	113.85		169	0.3	0.6

SUMMARY REPORT

Groundwater Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Collection Method -	pH STU	Specific Conductance µmhos/cm @25°C	Temperature Deg C	Water Level Depth Feet	Water Level Elevation MSL FT	Well Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
(P-914A)												
10/19/2015	XX	GW914AA6F	LF	6.8	735	9.3	8.28	114.23	13.25	167	0.7	0.05 U
4/25/2016	XX	GW914AA8G	LF	6.9	828	8	7.13	115.38		128	0.4	0.1
10/17/2016	XX	GW914AACH	LF	6.8	847	11	10	112.51	Q	138	0.4	2.7
P-914B												
4/28/2008	XX	GW914B70G	LF	6.8	669	9.9	7.51	115.04		59	1	3.2
7/21/2008	XX	GW914B737	LF	6.5	599	14.1	8.13	114.42		118	1	5.4
10/7/2008	XX	GW914B75J	LF	6.5	584	9.6	7.53	115.02	18.28	91	1	4.4
4/20/2009	XX	GW914B78A	LF	6.6	698	9.6	7.52	115.03		187	1	3.7
7/20/2009	XX	GW914B7AJ	LF	6.5	655	11.6	7.6	114.95		39	1	3.8
10/19/2009	XX	GW914B7FF	LF	7.2	575	10.8	8.66	113.89	18.3	98	1	7.4
3/29/2010	XX	GW914B7I7	LF	6.5	572	7.8	7.3	115.25		171	1	6.1
7/28/2010	XX	GW914B80B	LF	6.7	616	13.9	9.2	113.35		214	1	8.7
10/5/2010	XX	GW914B82J	LF	6.7	622	11.8	8.05	114.5	18.3	240	1	26
4/13/2011	XX	GW914B8AH	LF	6.6	599	6.6	7.38	115.17		150	1	1.5
7/26/2011	XX	GW914B8ED	LF	6.6	579	11.1	9.4	113.15		145	1	1.2
10/18/2011	XX	GW914B8CF	LF	7	604	12.5	8	114.55	18.3	315	1	6
4/11/2012	XX	GW914B8J0	LF	6.6	599	7.3	7.57	114.98		-41	1	0
7/10/2012	XX	GW914B912	LF	6.7	652	11.4	7.74	114.81		291	0.3	1.4
10/2/2012	XX	GW914B932	LF	6.3	606	10.3	7.84	114.71	18.29	220	0.8	0
4/10/2013	XX	GW914B955	LF	6.4	595	9.3	7.35	115.2		15	2	2.6
7/8/2013	XX	GW914B974	LF	6.3	674	10.9	7.71	114.84		109	0.8	0.5
10/22/2013	XX	GW914B9B1	LF	6.7	594	11.3	7.87	114.68	18.3	93	0.8	0.9
4/28/2014	XX	GW914B9D7	LF	6.7	633	6.9	7.3	115.25		171	0.6	0.6
7/14/2014	XX	GW914B9F8	LF	6.6	654	10.9	7.7	114.85		293	0.6	1
9/29/2014	XX	GW914B9H5	LF	6.6	637	12.2	8.5	114.05	18.3	314	0.6	2.5
4/13/2015	XX	GW914BA32	LF	6.5	589	9.2	7.1	115.45		200	0.7	1.6
7/20/2015	XX	GW914BA55	LF	6.8	691	12.3	7.88	114.67		218	0.8	2.1
10/19/2015	XX	GW914BA79	LF	6.6	646	9.6	7.93	114.62	18.3	226	0.6	3
4/25/2016	XX	GW914BA9A	LF	6.7	747	8	7.44	115.11		211	1	1.4
10/17/2016	XX	GW914BAD9	LF	6.6	772	11.9	9.15	113.4	18.3	233	0.6	5.4

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

M - Results are missing or not reliable due to a meter malfunction.
Q - An obstruction prevented the collection of data.
U - Not Detected above the reported sample detection limit.

Sample collection notes:

LF - Low flow sample method used to collect the sample.

SUMMARY REPORT
Groundwater Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(200) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
200							
4/30/2008	XX	GW200X700		96.2	236	3.8	122
4/30/2008	XD	GWDP1X6J0		99.7	234	3.3	126
7/22/2008	XX	GW200X72B		85.6	205	3.9	60.3
7/22/2008	XD	GWDP1X71C		88.5	206	4.3	62
10/7/2008	XX	GW200X753		70.8	220	5.6	44
10/7/2008	XD	GWDP1X743		74.2	223	2.9	46.3
4/21/2009	XX	GW200X77E		32.2	271	2.5	23.2
4/21/2009	XD	GWDP1X76E		29.6	275	2.8	22.5
7/22/2009	XX	GW200X7A3		40	280	3.8	15.2
7/22/2009	XD	GWDP1X794		41.8	280	3.7	16.6
10/20/2009	XX	GW200X7EJ		48.2	277	4.2	39.6
10/20/2009	XD	GWDP1X7DJ		46.6	275	4.4	40.5
3/31/2010	XX	GW200X7HB		36.7	260	4	11.1
3/31/2010	XD	GWDP1X7GB		37.5	259	3.8	11.1
7/27/2010	XX	GW200X7JF		41.5	226	4.3	19.8
7/27/2010	XD	GWDP1X7IG		42.3	229	4.3	18.3
10/5/2010	XX	GW200X823		62.3	272	4.4	27.4
10/5/2010	XD	GWDP1X813		58.3	274	4.4	28
4/12/2011	XX	GW200X89B	364	22.1	259	2.7	8.6
7/27/2011	XX	GW200X8D7	339	27.2	232	4	23.1
10/17/2011	XX	GW200X8B9	386	32.6	251	5.4	20
10/17/2011	XD	GWDP1X8BB	400	33.6	251	5.5	20.4
4/11/2012	XX	GW200X8HE	408	68.7	212	5.7	35.8
7/11/2012	XX	GW200X8JH	370	36.6	253	4.4	12.3
10/3/2012	XX	GW200X91J	407	38.3	257	6.2	23.9
10/3/2012	XD	GWDP1X921	406	32.6	256	6	30.6
4/10/2013	XX	GW200X93J	284	27.8	203	3.2	4.1
7/10/2013	XX	GW200X95J	317	26.8	243	4	3.3
10/23/2013	XX	GW200X99I	304	19.6	237	4.7	3.1
10/23/2013	XD	GWDP1X9A0	309	18.2	239	4.8	3.7
4/30/2014	XX	GW200X9C1	236	17.3	186	2.5	6.3
4/30/2014	XD	GWDP4X9DE	233	22.3	184	2.5	8.6
7/16/2014	XX	GW200X9E3	296	18.9	225	3.7	6.8
10/1/2014	XX	GW200X9G2	292	15.4	238	3.9	8.4
10/1/2014	XD	GWDP1X9G4	294	15	235	4	8.2
4/15/2015	XX	GW200XA1G	283	14.3	221	2.7	11.1
4/15/2015	XD	GWDP4XA38	296	12.4	223	2.9	11
7/22/2015	XX	GW200XA40	295	17.4	235	3.2	9.1
10/21/2015	XX	GW200XA66	454	32.5	302	3.9	37.5
10/21/2015	XD	GWDP1XA68	450	32.7	305	4.1	38.3
4/27/2016	XX	GW200XA87	259	12.5	196	2.4	9.3
4/27/2016	XD	GWDP1XA89	258	12.4	200	2.7	9.4
10/19/2016	XX	GW200XAC8	506	20.7	257	4.5	25.2
509B							
8/31/2010	XX	GW509B86F			285		124
4/11/2011	XX	GW509B899	554	58.2	282	3.9	82.4
7/27/2011	XX	GW509B8D5	396	30.4	253	0.7 U	13.1

SUMMARY REPORT
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SEVEE & MAHER ENGINEERS, INC.
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Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
(509B)							
10/18/2011	XX	GW509B8B7	568	41.6	314	4.6	84.9
4/10/2012	XX	GW509B8HC	452	41.1	247	3.2	81.2
7/10/2012	XX	GW509B8JF	468	5	272	3.6	13.8
10/2/2012	XX	GW509B91H	700	18.6	312	4	172
4/9/2013	XX	GW509B93H	437	18.3	257	3.3	79.8
7/9/2013	XX	GW509B95H	435	14	278	3.9	61
10/22/2013	XX	GW509B99G	516	10.8	297	4.3	68.1
4/29/2014	XX	GW509B9BJ	482	25	255	2.7	93
7/15/2014	XX	GW509B9E1	618	16.2	324	3.8	122
9/30/2014	XX	GW509B9G0	684	11.8	355	3.8	127
4/14/2015	XX	GW509BA1E	601	23.3	337	3.1	104
7/21/2015	XX	GW509BA3I	640	15.1	318	3.6	134
10/20/2015	XX	GW509BA64	601	18.1	317	3.3	121
4/26/2016	XX	GW509BA85	531	12.9	307	3.4	123
10/18/2016	XX	GW509BAC6	709	15.8	292	2.5	171
516B-B							
4/30/2008	XX	GW516B701		35.8	292	2.6	188
7/22/2008	XX	GW516B72C		28.3	298	3	145
10/7/2008	XX	GW516B754		28.6	282	1.4 J	152
4/22/2009	XX	GW516B77F		42.8	278	1.6 J	135
7/21/2009	XX	GW516B7A4		46.7	275	2.5	153
10/20/2009	XX	GW516B7F0		31.6	280	1.9 J	156
3/31/2010	XX	GW516B7HC		32.7	288	2.3	146
7/28/2010	XX	GW516B7JG		18.9	290	1.6 J	127
10/5/2010	XX	GW516B824		18.4	287	1.2 J	143
4/12/2011	XX	GW516B897	599	12.5	291	1.4 J	137
7/26/2011	XX	GW516B8D3	606	28.6	285	1.2 J	152
10/17/2011	XX	GW516B8B5	591	15.9	292	1.8 J	125
4/11/2012	XX	GW516B8HA	587	30.7	289	1.5 J	126
7/11/2012	XX	GW516B8JD	639	23.6	285	2 U	157
10/2/2012	XX	GW516B91F	600	5.3	292	2 U	24.5
4/9/2013	XX	GW516B93F	604	21.7	290	2 U	141
7/9/2013	XX	GW516B95F	617	24.1	291	2 U	135
10/22/2013	XX	GW516B99E	608	21.1	298	2 U	128
4/30/2014	XX	GW516B9BH	588	22.1	326	2 U	144
7/15/2014	XX	GW516B9DJ	641	20	304	2 U	136
9/30/2014	XX	GW516B9FI	612	15.9	310	2 U	138
4/14/2015	XX	GW516BA1C	640	13.7	337	12.3	152
7/20/2015	XX	GW516BA3G	624	6.7	332	2.3	137
10/20/2015	XX	GW516BA62	615	9.8	324	2 U	171
4/26/2016	XX	GW516BA83	602	14	316	2 U	168
10/18/2016	XX	GW516BAC4	607	17.4	305	2 U	140
641							
4/29/2008	XX	GW641X708	1140	129	541	13.4	225
7/21/2008	XX	GW641X72J	1316	108	662	22.6	262
10/7/2008	XX	GW641X75B	1219	98.5	680	32.9	273
4/20/2009	XX	GW641X782	1793	181	551	36.8	581
7/20/2009	XX	GW641X7AB	1680	213	445	26	604

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(641)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/20/2009	XX	GW641X7F7	1603	103	723	50.9	540
3/29/2010	XX	GW641X7HJ	1215	100	584	29.4	368
7/27/2010	XX	GW641X803	925	53.7	560	8.8	144
10/5/2010	XX	GW641X82B	926	65	523	8.3	154
4/13/2011	XX	GW641X89C	1018	73.3	610	15.8	211
7/26/2011	XX	GW641X8D8	912	73.8	516	6	172
10/19/2011	XX	GW641X8BA	840	60.3	482	9.3	158
4/10/2012	XX	GW641X8HF	611	73.4	346	7.5	97.8
7/10/2012	XX	GW641X8JI	529	57.6	306	5.7	62.2
10/1/2012	XX	GW641X920	2113	26.7	1240	121	502
11/7/2012	XX	GW641X93E	952	46.3	560	22.8	189
4/9/2013	XX	GW641X940	714	52.8	403	12.6	137
7/9/2013	XX	GW641X960	458	39.8	313	5	38.3
10/21/2013	XX	GW641X99J	723	33.1	520	7.7	42
4/30/2014	XX	GW641X9C2	675	27.2	464	13.6	85.5
7/16/2014	XX	GW641X9E4	581	22.5	426	8.1	48.6
10/1/2014	XX	GW641X9G3	537	38.4	379	5.4	46.6
4/15/2015	XX	GW641XA1H	660	44.4	402	6.4	112
7/22/2015	XX	GW641XA41	534	30.6	323	9.8	76.2
10/20/2015	XX	GW641XA67	510	46.3	306	6.1	85
4/26/2016	XX	GW641XA88	475	33.5	305	6.1	73
10/19/2016	XX	GW641XAC9	477	41.5	290	4	70.8

MW02-801A

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
4/30/2008	XX	GW801A709	2455	16 J	1050	82.8	1420
4/30/2008	XD	GWDP4X6JI	2507	15.5 J	1047	54.3	1414
7/22/2008	XX	GW801A730	2645	24.4 J	1090	58.9	1360
7/22/2008	XD	GWDP2X71D	2513	24.7 J	1050	60.4	1340
10/8/2008	XX	GW801A75C	2659	11.9 J	1120	66.3	996
10/8/2008	XD	GWDP4X751	2653	12.1 J	1090	70.5	993
4/22/2009	XX	GW801A783	2570	9.8 J	1068	58.4	972
4/22/2009	XD	GWDP4X77C	2559	9.1	1060	58.4	1030
7/22/2009	XX	GW801A7AC	2572	17.9 J	1091	64.2	1270
7/22/2009	XD	GWDP2X795	2615	17.9 J	1098	64.9	1270
10/21/2009	XX	GW801A7F8	2542	21 J	1060	50.1	1210
10/21/2009	XD	GWDP4X7EH	2582	20.4 J	1056	48.9	1220
3/30/2010	XX	GW801A7I0	2354	11.5 J	1060	56.9	1010
3/30/2010	XD	GWDP4X7H9	2362	10.8 J	1074	57.8	1030
7/28/2010	XX	GW801A804	2326	6 U	1094	64.5	1020
7/28/2010	XD	GWDP2X7IH	2368	6 U	1071	64.5	1180
10/4/2010	XX	GW801A82C	2465	9 U	1072	52.6	1060
10/4/2010	XD	GWDP4X821	2387	9 U	1053	52	1060
4/11/2011	XX	GW801A89F	2168	15.9 J	1036	60.1	1060
7/25/2011	XX	GW801A8DB	1898	8.8 J	890	33.5	511
10/17/2011	XX	GW801A8BD	2004	6.8 J	966	51.7	809
4/9/2012	XX	GW801A8HI	1985	6.7	970	57.8	785
7/9/2012	XX	GW801A901	2050	14.4	931	46.8	648
10/3/2012	XX	GW801A923	2054	33.1	925	51.5	880
4/9/2013	XX	GW801A943	1877	15.6	884	45.5	694
7/8/2013	XX	GW801A963	1933	20 U	914	46.2	633

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(MW02-801A) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/21/2013	XX	GW801A9A2	1835	10.1	927	46.5	595
4/28/2014	XX	GW801A9C5	1780	20 U	918	42.5	605
7/14/2014	XX	GW801A9E7	1827	30 U	920	45.2	557
9/29/2014	XX	GW801A9G6	1783	20 U	946	46.5	590
4/13/2015	XX	GW801AA20	1633	138	888	37.2	454
7/20/2015	XX	GW801AA44	1609	11.6	854	33.6	475
10/19/2015	XX	GW801AA6A	1648	40 U	899	36.3	552
4/25/2016	XX	GW801AA8B	1287	20 U	790	27.7	461
10/17/2016	XX	GW801AACC	1475	20 U	790	29.4	437
MW03-802A							
4/29/2008	XX	GW802A70A		18.7	405	4.3	66.7
7/22/2008	XX	GW802A731		15.6	434	2.7	56.8
10/6/2008	XX	GW802A75D		14.7	419	3.2	58.1
4/21/2009	XX	GW802A784		14.4	449	2	50.7
7/21/2009	XX	GW802A7AD		20.3	462	3.8	68.9
10/19/2009	XX	GW802A7F9		13.8	447	2	57.1
3/30/2010	XX	GW802A7I1		16.2	438	4	56.6
7/26/2010	XX	GW802A805		12.4	439	1.8 J	50.4
10/4/2010	XX	GW802A82D		11	433	2	47.8
4/11/2011	XX	GW802A89G	447	20.8	361	7.5	24.9
4/11/2011	XD	GWDP1X89D	362	21.1	284	7.6	12.1
7/26/2011	XX	GW802A8DC	529	20.7	410	2.7	32.8
10/17/2011	XX	GW802A8BE	519	15.7	417	2.5	29.9
4/9/2012	XX	GW802A8HJ	422	15.5	332	2.4	22.1
4/9/2012	XD	GWDP1X8HG	492	20.7	385	2.3	33.9
7/9/2012	XX	GW802A902	496	11.7	412	4.2	16.1
10/1/2012	XX	GW802A924	502	5.3	407	3.7	24.5
4/8/2013	XX	GW802A944	482	8.4	387	2.9	14
4/8/2013	XD	GWDP1X941	426	16.3	326	3.4	20.8
7/8/2013	XX	GW802A964	488	11.2	362	2.6	34.8
7/8/2013	XD	GWDP4X97B	477	11.3	366	2.6	34.5
10/21/2013	XX	GW802A9A3	474	8	362	2.5	27.2
4/28/2014	XX	GW802A9C6	330	12.4	278	2.4	9.9
4/28/2014	XD	GWDP1X9C3	323	11.8	262	2.5	7.2
7/14/2014	XX	GW802A9E8	454	9.8	373	2.6	11.5
7/14/2014	XD	GWDP4X9FF	472	10.6	379	2.4	11.7
9/29/2014	XX	GW802A9G7	479	8.1	394	2.6	24.7
4/13/2015	XX	GW802AA21	409	12.6	301	3.9	38.1
4/13/2015	XD	GWDP1XA1I	398	14	267	3.8	41
7/20/2015	XX	GW802AA45	411	10.3	310	3.2	41
7/20/2015	XD	GWDP4XA5C	384	11.9	274	3.4	32.3
10/20/2015	XX	GW802AA6B	443	14	335	2.6	40.1
4/25/2016	XX	GW802AA8C	268	13.2	196	3.2	14.4
10/17/2016	XX	GW802AACD	254	10.2	182	2.8	13
MW03-802B							
4/29/2008	XX	GW802B6JD		18	454	4.3	87.3
7/22/2008	XX	GW802B725		16.2	548	2	62.7
10/6/2008	XX	GW802B74G		13.1	610	0.9 J	41.8

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(MW03-802B) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
4/21/2009	XX	GW802B777		15.6	439	0.9 J	86.5
7/21/2009	XX	GW802B79H		17.7	405	1.6 J	101
10/19/2009	XX	GW802B7EC		10.2	452	1.3 J	39.5
3/30/2010	XX	GW802B7H4		19.6	415	2.1	78.9
7/26/2010	XX	GW802B7J9		11.5	573	1.2 J	28.6
10/4/2010	XX	GW802B81G		15	417	3.4	31.5
4/25/2016	XX	GW802BA97	670	21.2	467	2.2	77.2
10/17/2016	XX	GW802BAD6	877	5.6	575	8.7	113
MW03-803A							
4/29/2008	XX	GW803A6JE		17.6	462	2.5	75.3
7/22/2008	XX	GW803A726		12.6	380	1.5 J	31.6
10/6/2008	XX	GW803A74H		13.1	359	3.5	32.4
4/21/2009	XX	GW803A778		11	333	1.3 J	40.6
7/21/2009	XX	GW803A79I		13.2	325	1.9 J	45.4
10/19/2009	XX	GW803A7ED		17	630	3.1	64.7
3/30/2010	XX	GW803A7H5		11.1	280	1.5 J	71.5
7/26/2010	XX	GW803A7JA		11.1	485	2	40.7
10/4/2010	XX	GW803A81H		9.9	443	0.8 J	51.5
4/25/2016	XX	GW803AA98	950	20 U	254	2 U	365
7/27/2016	XX	GW803AABB	839	14.5	491	2 U	177
10/17/2016	XX	GW803AAD7	936	20 U	472	2 U	224
MW03-803B							
4/29/2008	XX	GW803B6JF		26.9	580	4	60.9
7/22/2008	XX	GW803B727		18.7	705	3.3	49.4
10/6/2008	XX	GW803B74I		20.1	618	5	56.1
10/6/2008	XD	GWDP2X744		20.1	615	4.1	55.8
4/21/2009	XX	GW803B779		18	621	2.3	54.3
7/21/2009	XX	GW803B79J		25.3	640	3.6	57.8
10/19/2009	XX	GW803B7EE		18.7	637	2.2	44.5
3/30/2010	XX	GW803B7H6		20.3	490	3.2	31.8
7/26/2010	XX	GW803B7JB		14.7	736	2.1	44.1
10/4/2010	XX	GW803B81I		12.6	666	2.9	39.1
4/11/2011	XX	GW803B89H	801	15.8	618	2.5	50.5
7/26/2011	XX	GW803B8DD	868	3.5	690	2	61
10/17/2011	XX	GW803B8BF	881	11.9	703	3.9	44.2
4/9/2012	XX	GW803B8I0	834	18.8	650	2.7	61.5
7/9/2012	XX	GW803B903	858	22.8	660	3	62.6
10/1/2012	XX	GW803B925	927	10.2	691	2.2	63.9
4/8/2013	XX	GW803B945	912	13.6	682	2.9	44.8
7/8/2013	XX	GW803B965	830	6.1	640	3.7	42.7
10/21/2013	XX	GW803B9A4	922	13	683	2.2	59.7
4/28/2014	XX	GW803B9C7	867	19.8	644	3.2	46.3
7/14/2014	XX	GW803B9E9	877	21.5	639	3.1	54.2
9/29/2014	XX	GW803B9G8	917	15.9	668	2.1	60.3
4/13/2015	XX	GW803BA22	788	18.3	564	2.3	91.7
7/20/2015	XX	GW803BA46	834	15.7	583	2.6	76.8
10/19/2015	XX	GW803BA6C	871	18.3	631	2 U	22.5
4/25/2016	XX	GW803BA8D	908	16.6	536	2.1	130

SUMMARY REPORT
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Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
(MW03-803B)							
7/27/2016	XX	GW803BAAI	839	14.9	614	2.8	94.5
10/17/2016	XX	GW803BACE	858	13.6	628	2 U	87.9
10/17/2016	XD	GWDP1XACA	855	13.7	629	2 U	84.4
MW-906B							
4/29/2008	XX	GW906B70D	316	41.2	149	2.6	92.1
7/22/2008	XX	GW906B734	346	20.9	148	3	83.3
10/6/2008	XX	GW906B75G	295	19.6	140	5.9	75.3
4/20/2009	XX	GW906B787	360	17.2	150	1.9 J	102
7/22/2009	XX	GW906B7AG	363	22	154	2	101
10/19/2009	XX	GW906B7FC	365	19	148	3	118
3/29/2010	XX	GW906B7I4	353	16.3	161	2.6	92.1
7/26/2010	XX	GW906B808	395	17.2	147	1.4 J	11.3
10/4/2010	XX	GW906B82G	366	16	132	1.5 J	105
4/11/2011	XX	GW906B89J	317	12	164	1.7 J	74.8
7/25/2011	XX	GW906B8DF	326	16.8	151	1.4 J	76.6
10/17/2011	XX	GW906B8BH	298	10.7	161	1.9 J	48.9
4/9/2012	XX	GW906B8I2	300	13.9	162	1.2 J	64.4
7/9/2012	XX	GW906B905	303	12.1	153	2 U	61.5
10/2/2012	XX	GW906B927	312	11.4	139	2 U	73.2
4/8/2013	XX	GW906B947	300	11.3	164	2 U	60.2
7/9/2013	XX	GW906B967	281	9.7	161	2 U	51.5
10/22/2013	XX	GW906B9A6	290	9.9	160	2 U	48.7
4/28/2014	XX	GW906B9C9	286	11.6	167	2 U	56
7/15/2014	XX	GW906B9EB	270	29.5	154	2.2	72.8
9/30/2014	XX	GW906B9GA	290	10.2	141	2 U	62
4/14/2015	XX	GW906BA24	281	13.6	160	2 U	41.9
7/21/2015	XX	GW906BA48	261	9	150	2 U	45.1
10/19/2015	XX	GW906BA6E	275	13.4	146	2 U	58.3
4/25/2016	XX	GW906BA8F	238	9.3	152	2 U	41.4
10/17/2016	XX	GW906BACG	270	11.1	143	2 U	50.8
MW-916							
4/30/2008	XX	GW916X70H		17.5	719	11.2	3.6
7/21/2008	XX	GW916X738		17.4	868	2.9	7.9
10/7/2008	XX	GW916X760		17.2	390	7.8	2.1
4/20/2009	XX	GW916X78B		12.2	604	2.3	2
7/21/2009	XX	GW916X7B0		9.5	358	7.8	0.9 J
10/20/2009	XX	GW916X7FG		8.7	583	5.8	1.8
3/31/2010	XX	GW916X7I8		3.6	121	6.3	0.9 J
3/31/2010	XD	GWDP2X7GC		3.8	138	5.9	0.9 J
7/27/2010	XX	GW916X80C		10.6	500	3.9	4
10/5/2010	XX	GW916X830		9.7	665	1.6 J	4.1
4/12/2011	XX	GW916X89A	537	14	487	3	1.9
7/26/2011	XX	GW916X8D6	533	12.5	487	4	2.6
10/18/2011	XX	GW916X8B8	387	9.1	335	4.8	0.7 J
4/10/2012	XX	GW916X8HD	600	24.9	548	2.7	3
7/10/2012	XX	GW916X8JG	419	14.9	385	3.5	2.4
10/2/2012	XX	GW916X91I	521	22.8	446	4.8	3
4/8/2013	XX	GW916X93I	563	39.1	498	2.1	3.1

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(MW-916) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
7/9/2013	XX	GW916X95I	551	51.2	464	2.2	2.7
10/22/2013	XX	GW916X99H	484	36.5	394	2.8	2.6
4/29/2014	XX	GW916X9C0	539	45.7	455	3.2	3.7
7/15/2014	XX	GW916X9E2	463	27.5	394	3.3	3.3
9/30/2014	XX	GW916X9G1	560	30.6	477	2.2	3.3
4/29/2015	XX	GW916XA1F	215	7.1	188	5.1	2.4
7/21/2015	XX	GW916XA3J	478	39	391	2.4	2.5
10/20/2015	XX	GW916XA65	439	44.7	331	4.7	5.9
4/26/2016	XX	GW916XA86	366	27.5	308	3.2	5.9
10/18/2016	XX	GW916XAC7	283	24.9	229	2.2	2.3
MW-917							
4/30/2008	XX	GW917X70I	902	21.4	905	14.2	4.4
7/21/2008	XX	GW917X739	799	12.8	852	2.4	5.6
10/7/2008	XX	GW917X761	805	12.4	783	3.4	5.2
4/20/2009	XX	GW917X78C	814	9.7	810	0.7 U	3.7
7/21/2009	XX	GW917X7B1	715	11	692	2.1	4.3
10/20/2009	XX	GW917X7FH	742	19.9	725	0.9 J	6
3/31/2010	XX	GW917X7I9	697	9.3	672	2.2	5
7/27/2010	XX	GW917X80D	642	5.8	635	0.7 U	5.9
10/5/2010	XX	GW917X831	631	6.4	617	0.7 U	4.7
4/12/2011	XX	GW917X89I	641	14	635	0.7 U	5.2
7/26/2011	XX	GW917X8DE	674	34.9	601	0.7 U	6.7
10/18/2011	XX	GW917X8BG	716	33.2	637	0.9 J	4.3
4/10/2012	XX	GW917X8I1	688	45.9	604	0.8 J	5.8
7/10/2012	XX	GW917X904	655	25.8	584	2 U	6.4
10/2/2012	XX	GW917X926	685	42.4	591	2 U	5.7
4/8/2013	XX	GW917X946	669	41.5	591	2 U	5.1
7/9/2013	XX	GW917X966	606	37.3	535	2 U	4.8
10/22/2013	XX	GW917X9A5	629	35.4	534	2 U	4.9
4/29/2014	XX	GW917X9C8	607	47.3	519	2 U	5.7
7/15/2014	XX	GW917X9EA	589	34.1	504	2 U	5.8
9/30/2014	XX	GW917X9G9	570	33.8	504	2 U	6.1
4/14/2015	XX	GW917XA23	554	39.1	491	2 U	9.6
7/21/2015	XX	GW917XA47	555	35.9	485	2 U	8.5
10/20/2015	XX	GW917XA6D	529	36	466	2 U	8.9
4/26/2016	XX	GW917XA8E	498	31.9	432	2 U	9.5
10/18/2016	XX	GW917XACF	542	38.5	442	2 U	8.6
MW97-123							
4/28/2008	XX	GW123X6JJ	885	281	383	5.5	478
7/21/2008	XX	GW123X72A	814	99.6	366	5.4	149
10/6/2008	XX	GW123X752	792	112	348	9.7	157
4/20/2009	XX	GW123X77D	933	121	398	4.8	226
7/20/2009	XX	GW123X7A2	989	144	409	6.3	255
10/19/2009	XX	GW123X7EI	555	62.1	305	3.1	81
3/31/2010	XX	GW123X7HA	1033	134	428	6.1	257
7/27/2010	XX	GW123X7JE	591	65	285	4.2	75.9
10/5/2010	XX	GW123X822	889	89.3	380	4.3	192
4/12/2011	XX	GW123X898	1070	105	437	6.2	280

SUMMARY REPORT
Groundwater Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
(MW97-123)							
7/26/2011	XX	GW123X8D4	1083	163	458	5.7	311
7/26/2011	XD	GWDP1X8D9	1129	157	465	5.7	301
10/18/2011	XX	GW123X8B6	1037	73.3	450	6.3	169
4/10/2012	XX	GW123X8HB	1016	135	448	6.3	255
7/11/2012	XX	GW123X8JE	1030	138	440	5.7	242
7/11/2012	XD	GWDP1X8JJ	1025	133	437	5.7	246
10/2/2012	XX	GW123X91G	1030	98.9	427	5.6	220
4/10/2013	XX	GW123X93G	966	132	424	5.8	160
7/9/2013	XX	GW123X95G	929	119	427	5.7	175
7/9/2013	XD	GWDP1X961	915	119	421	5.8	175
10/23/2013	XX	GW123X99F	924	131	425	5.5	167
4/30/2014	XX	GW123X9BI	883	129	411	5.6	195
7/16/2014	XX	GW123X9E0	889	115	404	5.5	153
7/16/2014	XD	GWDP1X9E5	897	113	400	5.3	138
10/1/2014	XX	GW123X9FJ	884	76.2	409	5.2	157
4/15/2015	XX	GW123XA1D	449	10 U	100	3.1	203
7/22/2015	XX	GW123XA3H	488	10 U	128	4	205
7/22/2015	XD	GWDP1XA42	471	10 U	126	3.9	238
10/21/2015	XX	GW123XA63	796	102	375	4.7	169
4/27/2016	XX	GW123XA84	814	84.5	390	5	189
10/19/2016	XX	GW123XAC5	471	27.4	265	3.3	75.7
P-914A							
4/28/2008	XX	GW914A70F	466	33.2	313	1.4 J	71.6
7/21/2008	XX	GW914A736	463	28	299	1.8 J	66.4
10/7/2008	XX	GW914A75I	488	30.5	296	2	70.8
4/20/2009	XX	GW914A789	464	25.9	297	0.9 J	58.2
7/20/2009	XX	GW914A7AI	469	31.5	307	3.3	58.9
10/19/2009	XX	GW914A7FE	419	26.2	272	0.7 J	62
3/29/2010	XX	GW914A7I6	453	29	288	2.3	53
7/28/2010	XX	GW914A80A	433	17.1	265	0.8 J	49.4
10/5/2010	XX	GW914A82I	417	21.9	242	0.7 U	47.7
4/13/2011	XX	GW914A8A0	429	27.4	280	0.7 U	49.2
7/26/2011	XX	GW914A8DG	433	36.2	270	0.7 U	55.5
10/18/2011	XX	GW914A8BI	437	25.8	272	0.8 J	44.4
4/11/2012	XX	GW914A8I3	441	37.2	268	0.8 J	49.7
7/10/2012	XX	GW914A906	429	34.5	275	2 U	59.6
10/2/2012	XX	GW914A928	450	38.7	244	2 U	57.6
4/10/2013	XX	GW914A948	448	41.2	265	2 U	57.7
7/8/2013	XX	GW914A968	439	40.6	267	2 U	53.6
10/22/2013	XX	GW914A9A7	444	46.2	259	2 U	47.8
4/28/2014	XX	GW914A9CA	436	51.6	260	2 U	57.1
7/14/2014	XX	GW914A9EC	460	45.5	260	2 U	54.1
9/29/2014	XX	GW914A9GB	440	37.1	254	2.2	58
4/13/2015	XX	GW914AA25	447	62.5	258	2 U	52.1
7/20/2015	XX	GW914AA49	462	55	252	2 U	68.7
10/19/2015	XX	GW914AA6F	452	60.9	233	2 U	66.3
4/25/2016	XX	GW914AA8G	495	61	259	2 U	84.5
10/17/2016	XX	GW914AACH	463	67.5	210	2 U	81

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(P-914A)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

SUMMARY REPORT
Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(200) Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
200																	
4/30/2008	XX	GW200X700	UF LF		105.8		3.45		21.3	2.8		6.8	57.4				
4/30/2008	XD	GWDP1X6J0	UF LF		106		4.05		22	2.93		7.4	61.4				
7/22/2008	XX	GW200X72B	UF LF	0.023	82.9		6.11	0.009	13.9	2.2		7.7	49.2				
7/22/2008	XD	GWDP1X71C	UF LF	0.024	83.9		6.21	0.01	14.3	2.21		7.8	49.2				
10/7/2008	XX	GW200X753	UF LF		80.9		4.23		14.3	1.79		7.3	35.9				
10/7/2008	XD	GWDP1X743	UF LF		83.6		4.36		14.5	1.8		7.6	36.2				
4/21/2009	XX	GW200X77E	UF LF		91.3		3.14		16.4	2.15		4	15.2				
4/21/2009	XD	GWDP1X76E	UF LF		87.3		2.67		16.3	1.85		3.9	14.1				
7/22/2009	XX	GW200X7A3	UF LF	0.031	90.1		3.71	0.002 J	14.4	2.26		4.6	15.8				
7/22/2009	XD	GWDP1X794	UF LF	0.028	86.3		3.8	0.001 U	13.8	2.22		4.5	15.1				
10/20/2009	XX	GW200X7EJ	UF LF		109		4.26		17.1	2.48		5.9	23				
10/20/2009	XD	GWDP1X7DJ	UF LF		105		3.97		16.1	2.36		5.5	22				
3/31/2010	XX	GW200X7HB	UF LF		85.9		1.15		14.3	2.3		3	11.8				
3/31/2010	XD	GWDP1X7GB	UF LF		86.1		1.12		14.3	2.32		3.1	11.9				
7/27/2010	XX	GW200X7JF	UF LF	0.039	82.7		4.75	0.001 U	13.6	2.18		4.6	18.2				
7/27/2010	XD	GWDP1X7IG	UF LF	0.041	79.9		5.67	0.001 U	13.5	2.16		4.7	18.1				
10/5/2010	XX	GW200X823	UF LF		97.1		4.52		15.5	1.63		4.8	20.9				
10/5/2010	XD	GWDP1X813	UF LF		94.9		4.44		15	1.57		4.6	20.2				
4/12/2011	XX	GW200X89B	UF LF		83.5		0.53		14.9			3.1	10.3				
7/27/2011	XX	GW200X8D7	UF LF	0.048	73.2		5.75	0.002 J	12.5	1.81	0.002 U	4.5	13				
10/17/2011	XX	GW200X8B9	UF LF	0.045	86		4.92		12.9			4.5	14.7				
10/17/2011	XX	GW200X8FG	UF LF			0.003 U											
10/17/2011	XD	GWDP1X8BB	UF LF	0.046	87.6		5.14		12.5			4.7	15.1				
10/17/2011	XD	GWDP1X8FI	UF LF			0.003 U											
4/11/2012	XX	GW200X8HE	UF LF	0.028	83.8		3.81		13.9			3.6	20.9				
7/11/2012	XX	GW200X8JH	UF LF	0.027	92.8	0.01 U	2.7	0.003 U	14	1.41	0.005 U	3.6	19.6				
10/3/2012	XX	GW200X91J	UF LF	0.041	96.7		4.91		14			4.4	20.9				
10/3/2012	XD	GWDP1X921	UF LF	0.047	97.6		4.67		14.1			4.4	20.7				
4/10/2013	XX	GW200X93J	UF LF	0.033	69.2		3.12		11.4			3.7	9.9				
7/10/2013	XX	GW200X95J	UF LF	0.043	73.1	0.01 U	4.18	0.003 U	13	1.99	0.005 U	4.3	10.2				
10/23/2013	XX	GW200X99I	UF LF	0.052	73.8		4.8		12.3			4.7	9.9				
10/23/2013	XD	GWDP1X9A0	UF LF	0.05	76		4.87		12.5			4.4	10.8				
4/30/2014	XX	GW200X9C1	UF LF	0.038	60.9		5.26		8.2			3.1	5				
4/30/2014	XD	GWDP4X9DE	UF LF	0.037	63.8		5.48		8.6			3.3	5.5				
7/16/2014	XX	GW200X9E3	UF LF	0.061	70.8	0.01 U	7.29	0.004	10.3	1.46	0.005 U	4.3	9.9				
10/1/2014	XX	GW200X9G2	UF LF	0.058	77.3		6.18		10.2			4.1	7.8				
10/1/2014	XD	GWDP1X9G4	UF LF	0.061	78.3		6.47		10.2			4	7.9				
4/15/2015	XX	GW200XA1G	UF LF	0.05	71.7		9.46		9.4			3.3	9.3				
4/15/2015	XD	GWDP4XA38	UF LF	0.053	71.3		9.24		9.2			3.3	9.2				
7/22/2015	XX	GW200XA40	UF LF	0.042	78.3	0.01 U	5.7	0.003 U	9.3	1.54	0.005 U	3.7	8.5				
10/21/2015	XX	GW200XA66	UF LF	0.061	120		7.84		13			4.5	13.8				
10/21/2015	XD	GWDP1XA68	UF LF	0.061	112		7.77		13			4.5	14				
4/27/2016	XX	GW200XA87	UF LF	0.057	61		4.93		7.8			3.1	9.6				
4/27/2016	XD	GWDP1XA89	UF LF	0.056	63.6		5.22		7.7			3.2	9.6				
10/19/2016	XX	GW200XAC8	UF LF	0.035	90.1	0.01 U	6.96	0.003 U	11.4	1.5	0.005 U	4.7	18.1				
509B																	
4/11/2011	XX	GW509B899	UF LF		102		0.08		21.2			5.9	38.8				

SUMMARY REPORT
Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L
(509B)													
7/27/2011	XX	GW509B8D5	UF LF	0.021	82.3		0.09	0.001 U	11.3	0.02 U	0.002 U	1.7	22.9
10/18/2011	XX	GW509B8B7	UF LF	0.024	114		0.04 J		21.3			6.5	40.4
10/18/2011	XX	GW509B8FE	UF LF			0.008 J							
4/10/2012	XX	GW509B8HC	UF LF	0.013	81.7		0.04 J		18.6			4.9	35.1
7/10/2012	XX	GW509B8JF	UF LF	0.009	84.5	0.01 U	0.05 U	0.003 U	21.9	6.5	0.005 U	6.7	41
10/2/2012	XX	GW509B91H	UF LF	0.013	141		0.06		27.2			7.1	52.8
4/9/2013	XX	GW509B93H	UF LF	0.013	79.2		0.09		20.7			5.3	43.3
7/9/2013	XX	GW509B95H	UF LF	0.02	80.6	0.01 U	0.18	0.003 U	20.6	6.19	0.005 U	5.7	37.7
10/22/2013	XX	GW509B99G	UF LF	0.022	99.6		0.11		22.5			6	43.4
4/29/2014	XX	GW509B9BJ	UF LF	0.021	91.2		0.17		19.8			4.4	38.7
7/15/2014	XX	GW509B9E1	UF LF	0.023	114	0.01 U	0.28	0.006	23.9	8.45	0.005 U	5.9	53.1
9/30/2014	XX	GW509B9G0	UF LF	0.031	125		0.22		26.3			6.5	59.7
4/14/2015	XX	GW509BA1E	UF LF	0.025	110		0.48		25			5.2	53.2
7/21/2015	XX	GW509BA3I	UF LF	0.033	123	0.01 U	0.43	0.003 U	27.3	8.97	0.005 U	6.4	62.3
10/20/2015	XX	GW509BA64	UF LF	0.029	94.8		0.2		22.5			5.7	55.6
4/26/2016	XX	GW509BA85	UF LF	0.063	100		0.85		23.5			4.8	44.4
10/18/2016	XX	GW509BAC6	UF LF	0.005 U	139	0.01 U	0.58	0.003 U	30.9	10.8	0.005 U	6.7	58.1
516B-B													
4/30/2008	XX	GW516B701	UF LF		128.6		0.1		24.5	0.44		3.9	73.3
7/22/2008	XX	GW516B72C	UF LF	0.002 U	122.9		0.03 J	0.002 J	22.6	0.03 J		2.7	59.1
10/7/2008	XX	GW516B754	UF LF		119.1		0.07		22.9	0.08		2.4	60.7
4/22/2009	XX	GW516B77F	UF LF		106.8		0.02 J		22.3	0.45		2.3	65.5
7/21/2009	XX	GW516B7A4	UF LF	0.004 J	114.3		0.07	0.003	23.1	0.22		2.3	70.6
10/20/2009	XX	GW516B7F0	UF LF		116		0.03 J		21.7	0.25		2.4	64.9
3/31/2010	XX	GW516B7HC	UF LF		114		0.02 U		20.7	0.26		2.3	59.7
7/28/2010	XX	GW516B7JG	UF LF	0.019	108		0.02 U	0.001 U	20.1	0.03 J		2.4	55.5
10/5/2010	XX	GW516B824	UF LF		108		0.02 U		21.3	0.1		2.2	50.4
4/12/2011	XX	GW516B897	UF LF		112		0.02 J		22.1			2.5	56.3
7/26/2011	XX	GW516B8D3	UF LF	0.025	136		0.02 U	0.001 U	27.1	0.06	0.002 U	3	69.1
10/17/2011	XX	GW516B8B5	UF LF	0.019	115		0.05		20.4			2.4	52.1
10/17/2011	XX	GW516B8FC	UF LF			0.003 U							
4/11/2012	XX	GW516B8HA	UF LF	0.012	110		0.05 U		21.5			2.6	59.4
7/11/2012	XX	GW516B8JD	UF LF	0.008	119	0.01 U	0.05 U	0.003 U	23.8	0.05	0.005 U	2.5	57.6
10/2/2012	XX	GW516B91F	UF LF	0.01	125		0.05 U		22.6			2.3	56.7
4/9/2013	XX	GW516B93F	UF LF	0.008	109		0.09		24.3			3	65.5
7/9/2013	XX	GW516B95F	UF LF	0.024	112	0.01 U	0.53	0.003 U	24.2	0.61	0.005	2.9	62.5
10/22/2013	XX	GW516B99E	UF LF	0.021	125		0.33		23.5			2.5	56.8
4/30/2014	XX	GW516B9BH	UF LF	0.031	122		1.09		21.7			2.7	84.2
7/15/2014	XX	GW516B9DJ	UF LF	0.033	118	0.01 U	1.11	0.003 U	21.2	2.16	0.005 U	2.5	61.9
9/30/2014	XX	GW516B9FI	UF LF	0.033	120		1.21		21.8			2.4	58.1
4/14/2015	XX	GW516BA1C	UF LF	0.038	125		1.66		22.7			3.1	63.2
7/20/2015	XX	GW516BA3G	UF LF	0.035	131	0.01 U	0.56	0.003 U	25	2.49	0.005 U	3.2	77.2
10/20/2015	XX	GW516BA62	UF LF	0.037	126		1.16		21.1			2.6	56.1
4/26/2016	XX	GW516BA83	UF LF	0.062	122		1.18		22.3			2.7	62.8
10/18/2016	XX	GW516BAC4	UF LF	0.015	125	0.01 U	1.83	0.003 U	23.5	1.94	0.005 U	3	70.8
641													
4/29/2008	XX	GW641X708	UF LF	0.005 J	181.4	0.119	1.71		46.5	8.46	0.153	41	146.8
7/21/2008	XX	GW641X72J	UF LF	0.05	186.8	0.066	11.28	0.003 J	46.8	7.57	0.095	36.4	149.9

SUMMARY REPORT

Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
10/7/2008	XX	GW641X75B	UF LF	0.049	167	0.006 J	22.56		44	4.7	0.03	44.6	171				
4/20/2009	XX	GW641X782	UF LF	0.103	217	0.007 J	21.51		49.8	4.17	0.03	40.3	213				
7/20/2009	XX	GW641X7AB	UF LF	0.031	234	0.015	21.65	0.003	52.5	4.67	0.032	39	214				
10/20/2009	XX	GW641X7F7	UF LF	0.082	251	0.01	17.3		55.7	3.76	0.055	57.5	336				
3/29/2010	XX	GW641X7HJ	UF LF	0.041	148	0.005 J	12.5		52.7	2.62	0.036	39.2	184				
7/27/2010	XX	GW641X803	UF LF	0.056	155	0.011	9.72	0.001 U	39.7	4.81	0.016	25.6	86.1				
10/5/2010	XX	GW641X82B	UF LF	0.077	175	0.017	11.5		37.1	4.97	0.02	24.5	77.2				
4/13/2011	XX	GW641X89C	UF LF		128		14.3		48.3			34.6	132				
7/26/2011	XX	GW641X8D8	UF LF	0.026	179		15.8	0.001 J	43.9	5.74	0.013	21.9	71.8				
10/19/2011	XX	GW641X8BA	UF LF	0.102	147		13.2		34.2			20.4	62.8				
10/19/2011	XX	GW641X8FH	UF LF			0.006 J											
4/10/2012	XX	GW641X8HF	UF LF	0.022	106		3.19		29.5			16.5	56.2				
7/10/2012	XX	GW641X8JI	UF LF	0.038	89.2	0.01 U	4.58	0.003 U	28.2	1.94	0.005 U	17.1	51.7				
10/1/2012	XX	GW641X920	UF LF	0.052	218		17.8		57.4			61.5	402				
11/7/2012	XX	GW641X93E	UF LF	0.062	126		10.8		48.6			32.3	164				
4/9/2013	XX	GW641X940	UF LF	0.053	92.2		10.7		60.1			32.5	159				
7/9/2013	XX	GW641X960	UF LF	0.044	82.5	0.019	2.16	0.003 U	22.7	2.41	0.012	13.3	37				
10/21/2013	XX	GW641X99J	UF LF	0.07	161		13.4		34.3			16.1	51.2				
4/30/2014	XX	GW641X9C2	UF LF	0.032	141		5.45		26.2			10.7	61.5				
7/16/2014	XX	GW641X9E4	UF LF	0.062	114	0.01 U	7.83	0.004	23.2	3.93	0.005 U	12.3	45.7				
10/1/2014	XX	GW641X9G3	UF LF	0.072	113		9.61		22			10	36				
4/15/2015	XX	GW641XA1H	UF LF	0.054	86.4		5.19		30			14.9	67.5				
7/22/2015	XX	GW641XA41	UF LF	0.036	94.9	0.013	1.59	0.003 U	18.5	1.38	0.019	11	56.3				
10/20/2015	XX	GW641XA67	UF LF	0.043	91.3		2.34		16.8			11.9	53.7				
4/26/2016	XX	GW641XA88	UF LF	0.067	89		3.11		26.2			12.9	53.1				
10/19/2016	XX	GW641XAC9	UF LF	0.013	101	0.01 U	5.42	0.003 U	18.4	1.74	0.005 U	8.7	32.5				
MW02-801A																	
4/30/2008	XX	GW801A709	UF LF	0.06	252	0.028	11.4		133	9.7	0.185	98	464				
4/30/2008	XD	GWDP4X6JI	UF LF	0.056	238	0.027	10.7		126	9.2	0.177	90.3	438				
7/22/2008	XX	GW801A730	UF LF	0.053	240	0.03	10.3	0.024	128.8	8.44	0.194	92.8	409				
7/22/2008	XD	GWDP2X71D	UF LF	0.064	222	0.029	11.26	0.025	132.1	7.55	0.211	99.5	427				
10/8/2008	XX	GW801A75C	UF LF	0.051	206	0.021	9.9		127	7.2	0.198	94	450				
10/8/2008	XD	GWDP4X751	UF LF	0.054	232	0.023	9.3		128.9	7.3	0.201	89	434				
4/22/2009	XX	GW801A783	UF LF	0.063	263	0.023	9.83		120.9	7.5	0.183	90.3	546				
4/22/2009	XD	GWDP4X77C	UF LF	0.064	240	0.022	10.25		121.4	6.55	0.185	96.3	571				
7/22/2009	XX	GW801A7AC	UF LF	0.073	191	0.02	7.21	0.002 J	110.1	6.87	0.183	82.6	321				
7/22/2009	XD	GWDP2X795	UF LF	0.078	199	0.02	7.73	0.001 J	115.3	7.11	0.181	88.9	332				
10/21/2009	XX	GW801A7F8	UF LF	0.105	238	0.025	11.2		130	7.12	0.203	106	515				
10/21/2009	XD	GWDP4X7EH	UF LF	0.108	257	0.026	10.7		125	7.72	0.192	95.1	500				
3/30/2010	XX	GW801A7I0	UF LF	0.133	172	0.021	6.31		101	5.83	0.183	78.7	360				
3/30/2010	XD	GWDP4X7H9	UF LF	0.13	172	0.021	8.71		105	5.94	0.184	83.6	366				
7/28/2010	XX	GW801A804	UF LF	0.118	163	0.022	6.43	0.005	97.9	4.96	0.192	80.3	366				
7/28/2010	XD	GWDP2X7IH	UF LF	0.12	172	0.023	6.81	0.004	104	5.44	0.194	83.9	365				
10/4/2010	XX	GW801A82C	UF LF	0.174	179	0.024	12.5		119	5.82	0.21	99.1	412				
10/4/2010	XD	GWDP4X821	UF LF	0.168	178	0.022	12.9		124	6.68	0.198	97.1	387				
4/11/2011	XX	GW801A89F	UF LF		152		4.17		96			87.4	399				
7/25/2011	XX	GW801A8DB	UF LF	0.052	133		6.61	0.008	89.7	3.93	0.152	90.2	300				
10/17/2011	XX	GW801A8BD	UF LF	0.154	135		11.2		88			91.9	361				
10/17/2011	XX	GW801A8G0	UF LF			0.016											

SUMMARY REPORT

Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
(MW02-801A)																	
4/9/2012	XX	GW801A8HI	UF LF	0.069	126		7.69		94.2			97.4	379				
7/9/2012	XX	GW801A901	UF LF	0.082	122	0.05 U	8.6	0.015 U	100	3.3	0.153	97	443				
10/3/2012	XX	GW801A923	UF LF	0.122	151		8.74		98.2			97.5	385				
4/9/2013	XX	GW801A943	UF LF	0.076	146		8.53		114			124	453				
7/8/2013	XX	GW801A963	UF LF	0.141	123	0.018	4.76	0.016	90.9	3.65	0.149	91	366				
10/21/2013	XX	GW801A9A2	UF LF	0.126	126		5.37		94.9			98.5	380				
4/28/2014	XX	GW801A9C5	UF LF	0.089	133		7.61		81.4			82.6	345				
7/14/2014	XX	GW801A9E7	UF LF	0.164	113	0.015	8.66	0.019	70.8	2.9	0.161	81	353				
9/29/2014	XX	GW801A9G6	UF LF	0.205	103		8.56		74.6			80.2	351				
4/13/2015	XX	GW801AA20	UF LF	0.17	107		7.71		64			77.8	350				
7/20/2015	XX	GW801AA44	UF LF	0.183	119	0.011	9.58	0.004	77	2.86	0.119	89.9	304				
10/19/2015	XX	GW801AA6A	UF LF	0.159	101		7.69		68.4			73.2	290				
4/25/2016	XX	GW801AA8B	UF LF	0.256	96.4		8.44		62.2			72.6	237				
10/17/2016	XX	GW801AACC	UF LF	0.034	108	0.01 U	5.15	0.003 U	71.8	2.59	0.114	77.1	265				
MW03-802A																	
4/29/2008	XX	GW802A70A	UF LF		87.6		8.8		50.8	1.25		4.3	38.2				
7/22/2008	XX	GW802A731	UF LF	0.013	93.7		8.88	0.013	50.5	1.23		4.6	37.4				
10/6/2008	XX	GW802A75D	UF LF		93.9		7.3		54.5	1.06		4.7	38				
4/21/2009	XX	GW802A784	UF LF		94.4		7.08		56.9	1.43		4	34.9				
7/21/2009	XX	GW802A7AD	UF LF	0.002 U	102.4		9.51	0.003	49.9	1.6		4.6	40.9				
10/19/2009	XX	GW802A7F9	UF LF		102		8.4		53	1.45		5.1	38.5				
3/30/2010	XX	GW802A7I1	UF LF		93.2		5.91		52.8	1.31		4.2	31.7				
7/26/2010	XX	GW802A805	UF LF	0.042	90.7		6.09	0.003	54	1.34		4.2	32.3				
10/4/2010	XX	GW802A82D	UF LF		99		7.7		56.6	1.33		5	36.1				
4/11/2011	XX	GW802A89G	UF LF		82.1		7.91		48.6			4.2	28.6				
4/11/2011	XD	GWDP1X89D	UF LF		81.6		9.12		39.5			4.1	23				
7/26/2011	XX	GW802A8DC	UF LF		105		5.2		40.9			3.8	23.6				
10/17/2011	XX	GW802A8BE	UF LF	0.033	101		3.39		38.1			3.3	24.2				
4/9/2012	XX	GW802A8HJ	UF LF	0.029	84.5		4.26		42.8			3.9	26.5				
4/9/2012	XD	GWDP1X8HG	UF LF	0.03	83.8		4.28		43			3.9	26.2				
7/9/2012	XX	GW802A902	UF LF	0.029	102		8.41		42.5			4.5	24.5				
10/1/2012	XX	GW802A924	UF LF	0.031	106		12		34.9			3.9	19.8				
4/8/2013	XX	GW802A944	UF LF	0.03	73.9		18.4		27.3			3	24.7				
4/8/2013	XD	GWDP1X941	UF LF	0.03	82.4		17.7		29.8			3	27.4				
7/8/2013	XX	GW802A964	UF LF	0.061	85.9		14.7		40.3			3.4	30.8				
7/8/2013	XD	GWDP4X97B	UF LF	0.065	89.4		16.4		35			3.8	27				
10/21/2013	XX	GW802A9A3	UF LF	0.046	90.6		12.1		42.2			3.4	28.9				
4/28/2014	XX	GW802A9C6	UF LF	0.05	90.6		12.3		28.7			2.9	21.6				
4/28/2014	XD	GWDP1X9C3	UF LF	0.051	91.8		10.4		26.3			2.9	19.5				
7/14/2014	XX	GW802A9E8	UF LF	0.042	105		7.93		21.5			1.9	15.3				
7/14/2014	XD	GWDP4X9FF	UF LF	0.038	107		7.89		21.8			2	15.1				
9/29/2014	XX	GW802A9G7	UF LF	0.056	104		9.74		29.9			2.8	21.3				
4/13/2015	XX	GW802AA21	UF LF	0.024	97.9		0.4		14.5			1.3	10.5				
4/13/2015	XD	GWDP1XA1I	UF LF	0.023	105		0.44		14.2			1.3	10				
7/20/2015	XX	GW802AA45	UF LF	0.034	104		0.62		17.1			1.7	11.5				
7/20/2015	XD	GWDP4XA5C	UF LF	0.033	121		1.29		20.6			2.1	13.5				
10/20/2015	XX	GW802AA6B	UF LF	0.038	108		2.25		22			1.9	15				
4/25/2016	XX	GW802AA8C	UF LF	0.034	69.8		0.05		10.7			1.2	10.8				
10/17/2016	XX	GW802AACD	UF LF	0.005 U	66.9	0.01 U	0.05 U	0.003 U	9.2	0.05 U	0.005 U	0.9	12.3				

SUMMARY REPORT
Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-802B) Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
MW03-802B																	
4/29/2008	XX	GW802B6JD	UF LF		149		2.28		43.8	27.2		2.2	23.9				
7/22/2008	XX	GW802B725	UF LF	0.006	189.4		4.29	0.008	41.7	35.68		2.1	24				
10/6/2008	XX	GW802B74G	UF LF		171.7		3.24		40.3	27.93		1.8	15.4				
4/21/2009	XX	GW802B777	UF LF		134		1.67		44.6	23.75		1.9	22.2				
7/21/2009	XX	GW802B79H	UF LF	0.002 U	118		1.54	0.003	48.6	14.2		2.1	21.3				
10/19/2009	XX	GW802B7EC	UF LF		120		4.88		31.1	47.1		1.9	22				
3/30/2010	XX	GW802B7H4	UF LF		103		1.62		42.9	14.5		1.9	21.2				
7/26/2010	XX	GW802B7J9	UF LF	0.058	149		9.28	0.009	36.7	36.3		6	21.7				
10/4/2010	XX	GW802B81G	UF LF		107		5.79		34	39.1		1.9	30.3				
7/14/2014	XX	GW802B9F5	UF LF														
4/25/2016	XX	GW802BA97	UF LF	0.146	111	0.023	25.1	0.009	48.7	22.3	0.005 U	2	23				
10/17/2016	XX	GW802BAD6	UF LF	0.058	138	0.01 U	23.6	0.003 U	51.1	8.87	0.029	13.1	71.3				
MW03-803A																	
4/29/2008	XX	GW803A6JE	UF LF		149.2		0.18		37.5	6.4		2.5	12.8				
7/22/2008	XX	GW803A726	UF LF	0.009	113.4		0.03 J	0.001 U	29	1.4		2	9.2				
10/6/2008	XX	GW803A74H	UF LF		136.2		0.09		32.8	6.58		2.3	11.5				
4/21/2009	XX	GW803A778	UF LF		151.4		0.13		38.3	9.5		2	12.2				
7/21/2009	XX	GW803A79I	UF LF	0.002 U	102.6		0.08	0.003	32.3	2.05		1.8	10.1				
10/19/2009	XX	GW803A7ED	UF LF		225		0.05		50.7	21.1		2.9	18.1				
3/30/2010	XX	GW803A7H5	UF LF		97		0.02 U		28.8	2.4		1.9	10.4				
7/26/2010	XX	GW803A7JA	UF LF	0.047	169		0.03 J	0.002 J	36.2	6.15		2	11.7				
10/4/2010	XX	GW803A81H	UF LF		174		0.02 U		40.5	4.72		2.2	13.3				
4/25/2016	XX	GW803AA98	UF LF	0.031	151	0.014	0.05	0.003 U	60.8	1.65	0.017	2.9	29.7				
7/27/2016	XX	GW803AABB	UF LF	0.048	172	0.025	0.05 U	0.003 U	49.8	3.13	0.009	2.5	19.2				
10/17/2016	XX	GW803AAD7	UF LF	0.009	222	0.011	0.05 U	0.003 U	58.1	2.29	0.009	2.7	22				
MW03-803B																	
4/29/2008	XX	GW803B6JF	UF LF		206		1.17		27.6	31		1.6	24.6				
7/22/2008	XX	GW803B727	UF LF	0.002 U	230		0.38	0.004	35.7	28.42		1.8	18.7				
10/6/2008	XX	GW803B74I	UF LF		195.5		3.71		27.7	37.34		1.6	23.1				
10/6/2008	XD	GWDP2X744	UF LF		196.7		3.65		27.2	36.5		1.5	22.5				
4/21/2009	XX	GW803B779	UF LF		264		0.48		28.4	48.4		1.2	22.6				
7/21/2009	XX	GW803B79J	UF LF	0.026	186		1.76	0.004	29	37.7		1.4	25.2				
10/19/2009	XX	GW803B7EE	UF LF		261		0.85		36.4	37.8		2.1	20.9				
3/30/2010	XX	GW803B7H6	UF LF		147		4.83		17.9	47.5		1.2	18.4				
7/26/2010	XX	GW803B7JB	UF LF	0.055	227		0.61	0.005	34.9	33.5		1.6	18.8				
10/4/2010	XX	GW803B81I	UF LF		211		4.52		35.6	51.8		1.7	19.7				
4/11/2011	XX	GW803B89H	UF LF		172		1.76		27.8			1.4	18.9				
7/26/2011	XX	GW803B8DD	UF LF	0.118	197		1.39	0.001 U	32.1	43	0.045	1.4	18.5				
10/17/2011	XX	GW803B8BF	UF LF	0.109	199		6.98		28.3			1.5	19.7				
10/17/2011	XX	GW803B8G2	UF LF			0.12											
4/9/2012	XX	GW803B8I0	UF LF	0.062	168		5.72		29.2			1.3	19.8				
7/9/2012	XX	GW803B903	UF LF	0.062	178	0.122	8.4	0.009	33.9	61	0.034	1.5	20.1				
10/1/2012	XX	GW803B925	UF LF	0.055	224		1.04		35.6			1.6	17.7				
4/8/2013	XX	GW803B945	UF LF	0.077	197		9.95		32.3			1.4	21.8				
7/8/2013	XX	GW803B965	UF LF	0.113	176	0.147	16.2	0.014	33.9	70.4	0.022	1.5	18.5				
10/21/2013	XX	GW803B9A4	UF LF	0.082	220		2.21		42.2			1.9	19.4				
4/28/2014	XX	GW803B9C7	UF LF	0.107	172		22.1		30.9			1.4	18.6				

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
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(MW03-803B) Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L
7/14/2014	XX	GW803B9E9	UF LF	0.121	196	0.104	11	0.02	33.7	48.4	0.02	1.4	19.3
9/29/2014	XX	GW803B9G8	UF LF	0.088	238		1.58		39.7			1.9	18.9
4/13/2015	XX	GW803BA22	UF LF	0.077	180		8.01		34.8			1.6	18
7/20/2015	XX	GW803BA46	UF LF	0.087	181	0.077	0.93	0.004	37.6	34.1	0.016	1.7	18.2
10/19/2015	XX	GW803BA6C	UF LF	0.068	204		2.53		39.6			1.9	16.7
4/25/2016	XX	GW803BA8D	UF LF	0.181	172		10.1		36.8			1.5	18.6
7/27/2016	XX	GW803BAAI	UF LF	0.092	204		3.12		37.9			1.6	17.4
10/17/2016	XX	GW803BACE	UF LF	0.007	223	0.057	1.26	0.003 U	46.9	22.8	0.016	2	18.7
10/17/2016	XD	GWDP1XACA	UF LF	0.005	216	0.056	1.2	0.003 U	46.6	22.4	0.014	2	18.7
MW-906B													
4/29/2008	XX	GW906B70D	UF LF	0.003 U	59	0.003 U	0.12		7.7	1.24	0.003 U	1.8	61.9
7/22/2008	XX	GW906B734	UF LF	0.002 U	55.1	0.003 U	0.18	0.001 J	7.2	1.37	0.002 U	1.3	55.4
10/6/2008	XX	GW906B75G	UF LF	0.002 U	51.6	0.003 U	0.08		6.9	1.29	0.002 J	1.5	52.9
4/20/2009	XX	GW906B787	UF LF	0.002 U	59.6	0.003 U	0.06		7.9	1.49	0.002 U	1.2	48
7/22/2009	XX	GW906B7AG	UF LF	0.003 J	52.5	0.003 U	0.14	0.002 J	7	1.51	0.002 U	1	43.4
10/19/2009	XX	GW906B7FC	UF LF	0.004 J	59.9	0.003 U	0.1		8	1.34	0.002 J	1.3	59.7
3/29/2010	XX	GW906B7I4	UF LF	0.007	59	0.003 U	0.05		7.6	1.37	0.002 U	1.2	45.8
7/26/2010	XX	GW906B808	UF LF	0.014	57.5	0.005 J	1.46	0.002 J	7.6	1.84	0.002 J	1.2	62
10/4/2010	XX	GW906B82G	UF LF	0.017	51	0.003 U	0.14		7.8	0.82	0.002 U	1.3	75
4/11/2011	XX	GW906B89J	UF LF		56		0.06		7.5			1.2	41.3
7/25/2011	XX	GW906B8DF	UF LF	0.016	50.7		0.05	0.003	7.3	1.17	0.002 U	1.2	45.2
10/17/2011	XX	GW906B8BH	UF LF	0.004 J	51.6		0.06		6.5			1.1	38.5
10/17/2011	XX	GW906B8G4	UF LF			0.003 U							
4/9/2012	XX	GW906B8I2	UF LF	0.009	47.4		0.02 J		7.1			1.1	39.3
7/9/2012	XX	GW906B905	UF LF	0.005 U	53.2	0.01 U	0.05 U	0.003 U	8.4	1.98	0.005 U	1.3	45.6
10/2/2012	XX	GW906B927	UF LF	0.006	45.4		0.05 U		6.3			1.1	48.2
4/8/2013	XX	GW906B947	UF LF	0.007	54.9		0.05 U		8.1			1.3	42.6
7/9/2013	XX	GW906B967	UF LF	0.016	47.8	0.01 U	0.05 U	0.003 U	8	1.83	0.005 U	1.3	37.8
10/22/2013	XX	GW906B9A6	UF LF	0.005 U	57.6		0.22		8.3			1.2	38
4/28/2014	XX	GW906B9C9	UF LF	0.005 U	55.8		0.1		7.5			1.2	35.8
7/15/2014	XX	GW906B9EB	UF LF	0.012	49.8	0.01 U	0.05 U	0.003 U	6.8	1.26	0.005 U	1.1	34.3
9/30/2014	XX	GW906B9GA	UF LF	0.005	43.7		0.18		6.5			1.1	43.3
4/14/2015	XX	GW906BA24	UF LF	0.005	57.5		0.23		8.1			1.3	36.5
7/21/2015	XX	GW906BA48	UF LF	0.023	56.5	0.01 U	0.05 U	0.003 U	7.7	0.86	0.005 U	1.2	34.5
10/19/2015	XX	GW906BA6E	UF LF	0.007	44.1		0.2		6.5			1.3	42.2
4/25/2016	XX	GW906BA8F	UF LF	0.026	46.9		0.05 U		6.5			1	27.1
10/17/2016	XX	GW906BACG	UF LF	0.005 U	43.7	0.01 U	0.05 U	0.003 U	6.8	0.55	0.005 U	1.1	39.5
MW-916													
4/30/2008	XX	GW916X70H	UF LF		167.8		29.3		86.3	4.91		2.6	9.8
7/21/2008	XX	GW916X738	UF LF	0.072	184.5		32.61	0.005 J	71.7	4.88		2.1	7.6
10/7/2008	XX	GW916X760	UF LF		114.5		6.37		26.7	2.62		1.4	4.8
4/20/2009	XX	GW916X78B	UF LF		151.4		24.83		50.2	4.76		2	5.8
7/21/2009	XX	GW916X7B0	UF LF	0.006	87.4		9.27	0.009	23.5	1.42		2.6	3.4
10/20/2009	XX	GW916X7FG	UF LF		173		17.4		46.5	3.01		3.2	7.8
3/31/2010	XX	GW916X7I8	UF LF		31.4		1.1		8.2	0.06		1.3	1.5
3/31/2010	XD	GWDP2X7GC	UF LF		33.3		1.45		8.8	0.08		1.4	1.6
7/27/2010	XX	GW916X80C	UF LF	0.04	105		6.63	0.001 J	42.3	1.82		2	6.4
10/5/2010	XX	GW916X830	UF LF		152		18.6		93.4	3.89		2.4	8.7

SUMMARY REPORT
Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium
(MW-916)			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
4/12/2011	XX	GW916X89A	UF LF		122		2.86		51.5			2.7	5.7
7/26/2011	XX	GW916X8D6	UF LF	0.031	118		5.15	0.001 U	47.9	2.73	0.016	2	6.1
10/18/2011	XX	GW916X8B8	UF LF	0.023	80		0.64		25.4			2.2	3.8
10/18/2011	XX	GW916X8FF	UF LF			0.003 J							
4/10/2012	XX	GW916X8HD	UF LF	0.021	131		4.16		59.1			2.4	7.4
7/10/2012	XX	GW916X8JG	UF LF	0.012	84.8	0.01 U	0.33	0.003 U	35.5	0.52	0.005 U	1.9	5.4
10/2/2012	XX	GW916X91I	UF LF	0.036	106		1.5		49.9			1.9	5.6
4/8/2013	XX	GW916X93I	UF LF	0.035	111		1.44		66.8			2.5	7.2
7/9/2013	XX	GW916X95I	UF LF	0.05	105	0.011	1.87	0.004	61.7	1.85	0.005 U	2.5	6.8
10/22/2013	XX	GW916X99H	UF LF	0.007	93.2		5.31		44.6			2.4	8.8
4/29/2014	XX	GW916X9C0	UF LF	0.033	84.5		0.96		35.8			2.1	5
7/15/2014	XX	GW916X9E2	UF LF	0.053	105	0.01 U	1.35	0.006	45.3	1.52	0.006	2.2	6.6
9/30/2014	XX	GW916X9G1	UF LF	0.016	106		3.44		49.6			2.4	7.4
4/29/2015	XX	GW916XA1F	UF LF	0.005 U	43		0.87		14.9			1.3	2.5
7/21/2015	XX	GW916XA3J	UF LF	0.032	97.9	0.01 U	2.15	0.003 U	44.6	1.01	0.005 U	2.5	7.6
10/20/2015	XX	GW916XA65	UF LF	0.011	70.4		1.06		32.5			7.7	4.7
4/26/2016	XX	GW916XA86	UF LF	0.008	73.3		2.25		29			3.3	5.2
10/18/2016	XX	GW916XAC7	UF LF	0.005 U	83.4	0.01 U	0.83	0.003 U	35.5	0.24	0.005 U	3.5	5.8
MW-917													
4/30/2008	XX	GW917X70I	UF LF	0.117	169.6	0.008 J	26.6		129	1.68	0.003 U	3.5	11.7
7/21/2008	XX	GW917X739	UF LF	0.142	173.3	0.022	38.29	0.005 J	114.9	1.64	0.003 U	3.1	10.8
10/7/2008	XX	GW917X761	UF LF	0.116	142	0.013	31.4		97.8	1.32	0.002 J	2.9	9.5
4/20/2009	XX	GW917X78C	UF LF	0.184	153.2	0.015	42.12		100.7	1.29	0.004 J	2.7	9.1
7/21/2009	XX	GW917X7B1	UF LF	0.101	144.2	0.008 J	31.54	0.002 J	89.8	1.27	0.002 J	2.9	9.8
10/20/2009	XX	GW917X7FH	UF LF	0.182	151	0.011	38.4		100	1.1	0.002 J	3	9.7
3/31/2010	XX	GW917X7I9	UF LF	0.093	135	0.013	29		94.5	0.98	0.002 U	2.7	9.5
7/27/2010	XX	GW917X80D	UF LF	0.175	120	0.009 J	24.7	0.002 J	80.5	0.79	0.002 U	2.6	8.7
10/5/2010	XX	GW917X831	UF LF	0.189	128	0.006 J	25.6		81.7	0.73	0.002 U	2.6	9.2
4/12/2011	XX	GW917X89I	UF LF		111		20.3		80.4			2.7	8.8
7/26/2011	XX	GW917X8DE	UF LF	0.092	109		14.7	0.001 U	81.9	0.6	0.004 J	2.6	9.6
10/18/2011	XX	GW917X8BG	UF LF	0.173	127		18.1		81.1			2.8	8.9
10/18/2011	XX	GW917X8G3	UF LF			0.003 U							
4/10/2012	XX	GW917X8I1	UF LF	0.16	121		14.9		80.1			2.7	8.9
7/10/2012	XX	GW917X904	UF LF	0.11	112	0.01 U	15.9	0.003 U	85.8	0.67	0.005 U	3	9.5
10/2/2012	XX	GW917X926	UF LF	0.161	127		14.2		81.6			2.6	8.7
4/8/2013	XX	GW917X946	UF LF	0.13	106		14.3		87.1			3.2	10.8
7/9/2013	XX	GW917X966	UF LF	0.142	100	0.01 U	11.5	0.007	79.4	0.85	0.005 U	2.8	8.8
10/22/2013	XX	GW917X9A5	UF LF	0.157	113		11.1		75.7			2.5	8.5
4/29/2014	XX	GW917X9C8	UF LF	0.164	109		9.87		68.6			2.5	8.2
7/15/2014	XX	GW917X9EA	UF LF	0.162	103	0.01 U	10	0.004	65.1	0.82	0.005 U	2.7	11.8
9/30/2014	XX	GW917X9G9	UF LF	0.147	103		8.97		64			2.4	8.1
4/14/2015	XX	GW917XA23	UF LF	0.143	102		8.21		62.2			2.5	8.3
7/21/2015	XX	GW917XA47	UF LF	0.153	106	0.01 U	8.96	0.003 U	64.2	0.79	0.005 U	2.7	8.4
10/20/2015	XX	GW917XA6D	UF LF	0.129	94.8		7.81		58.1			2.3	7.5
4/26/2016	XX	GW917XA8E	UF LF	0.185	91.3		7.12		56.8			2.4	7.5
10/18/2016	XX	GW917XACF	UF LF	0.104	111	0.01 U	7.75	0.003 U	68.4	0.91	0.005 U	2.9	8.8
MW97-123													
4/28/2008	XX	GW123X6JJ	UF LF	0.004 J	169	0.003 U	1.29		43.2	2.33	0.005 J	3.6	77.1

SUMMARY REPORT
Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
(MW97-123)																	
7/21/2008	XX	GW123X72A	UF LF	0.004 J	145.5	0.003 U	2.55	0.003 U	37.1	2.17	0.007 J	3.7	64.5				
10/6/2008	XX	GW123X752	UF LF	0.01	150.2	0.003 J	2.89		43.6	1.71	0.01	5.9	66.8				
4/20/2009	XX	GW123X77D	UF LF	0.004 J	174.7	0.003 U	0.45		42.7	2.21	0.013	3.3	74.8				
7/20/2009	XX	GW123X7A2	UF LF	0.002 U	177.4	0.003 U	1.25	0.001 U	44.7	2.28	0.012	3.6	78.9				
10/19/2009	XX	GW123X7EI	UF LF	0.017	108	0.003 U	2.45		27.1	1.81	0.007	4.3	43.5				
3/31/2010	XX	GW123X7HA	UF LF	0.004 J	180	0.003 U	0.16		47.9	2.49	0.011	3.5	79.9				
7/27/2010	XX	GW123X7JE	UF LF	0.026	100	0.003 U	1.77	0.001 U	27.3	1.75	0.004 J	3.6	38.1				
10/5/2010	XX	GW123X822	UF LF	0.029	174	0.003 U	0.47		45.5	2.18	0.007	3.8	75.6				
4/12/2011	XX	GW123X898	UF LF		180		0.22		55.8			4.4	96.3				
7/26/2011	XX	GW123X8D4	UF LF	0.046	181		0.98	0.001 U	58.9	2.81	0.01	4.4	98				
7/26/2011	XD	GWDP1X8D9	UF LF	0.042	177		1.05	0.002 J	59.1	2.82	0.012	4.4	98.8				
10/18/2011	XX	GW123X8B6	UF LF	0.025	192		0.21		52.7			4.1	93.5				
10/18/2011	XX	GW123X8FD	UF LF			0.003 U											
4/10/2012	XX	GW123X8HB	UF LF	0.012	168		0.18		54.4			4.4	102				
7/11/2012	XX	GW123X8JE	UF LF	0.015	177	0.01 U	1.2	0.004	56.6	3.24	0.007	4.3	105				
7/11/2012	XD	GWDP1X8JJ	UF LF	0.016	180	0.01 U	1.23	0.003 U	57.3	3.19	0.006	4.4	107				
10/2/2012	XX	GW123X91G	UF LF	0.024	186		0.39		54.3			4.3	95.5				
4/10/2013	XX	GW123X93G	UF LF	0.024	161		0.95		52.9			4.6	105				
7/9/2013	XX	GW123X95G	UF LF	0.008	158	0.01 U	4.96	0.003	59	3.31	0.013	5	109				
7/9/2013	XD	GWDP1X961	UF LF	0.008	150	0.01 U	4.6	0.003 U	57.4	3.3	0.014	5.5	108				
10/23/2013	XX	GW123X99F	UF LF	0.03	158		0.53		53.1			4.9	102				
4/30/2014	XX	GW123X9BI	UF LF	0.019	149		1.35		44.9			3.8	115				
7/16/2014	XX	GW123X9E0	UF LF	0.032	139	0.01 U	3.35	0.004	42.2	2.65	0.006	4.1	90.7				
7/16/2014	XD	GWDP1X9E5	UF LF	0.034	130	0.01 U	3.14	0.003	40.2	2.47	0.006	3.9	84.2				
10/1/2014	XX	GW123X9FJ	UF LF	0.033	152		1.56		45.3			3.8	84				
4/15/2015	XX	GW123XA1D	UF LF	0.009	35.3		9.38		29.9			3.5	66.1				
7/22/2015	XX	GW123XA3H	UF LF	0.008	44.2	0.01 U	9.13	0.003 U	30.6	0.71	0.005 U	3.2	67.6				
7/22/2015	XD	GWDP1XA42	UF LF	0.009	42.7	0.01 U	9.37	0.003 U	30.8	0.71	0.005 U	3.4	69.1				
10/21/2015	XX	GW123XA63	UF LF	0.032	137		2.21		35.8			3.3	71.7				
4/27/2016	XX	GW123XA84	UF LF	0.078	130		0.78		41.9			3.8	84.1				
10/19/2016	XX	GW123XAC5	UF LF	0.007	88.9	0.01 U	1.84	0.003 U	26.3	1.87	0.005 U	3.5	37.3				
P-914A																	
4/28/2008	XX	GW914A70F	UF LF	0.003 J	110.8	0.003 J	0.06		27.4	1.95	0.003 U	1.7	22.9				
7/21/2008	XX	GW914A736	UF LF	0.003 U	103.4	0.003 J	0.06	0.003 U	26.5	2.04	0.003 U	1.5	22.2				
10/7/2008	XX	GW914A75I	UF LF	0.005	101.8	0.003 J	0.12		23.6	1.91	0.004 J	1.5	22.7				
4/20/2009	XX	GW914A789	UF LF	0.004 J	107.5	0.003 U	0.05		25	2.06	0.004 J	1.3	21.4				
7/20/2009	XX	GW914A7AI	UF LF	0.002 U	101	0.003 J	0.2	0.001 U	25.7	1.65	0.004 J	1.4	21				
10/19/2009	XX	GW914A7FE	UF LF	0.013	98.5	0.003 U	0.1		23.7	1.8	0.003 J	1.4	21.9				
3/29/2010	XX	GW914A7I6	UF LF	0.016	96.9	0.003 U	0.04 J		23.7	1.54	0.002 U	1.3	20.1				
7/28/2010	XX	GW914A80A	UF LF	0.019	86.1	0.003 U	0.02 U	0.003	22.5	1.5	0.002 U	1.2	20.4				
10/5/2010	XX	GW914A82I	UF LF	0.014	79.1	0.003 J	0.02 U		21.6	1.49	0.002 U	1.2	20.6				
4/13/2011	XX	GW914A8A0	UF LF		86.4		0.02 U		24.8			1.4	20.1				
7/26/2011	XX	GW914A8DG	UF LF	0.026	86		0.02 U	0.001 U	22.5	1.21	0.002 J	1.2	19.6				
10/18/2011	XX	GW914A8BI	UF LF	0.016	96.4		0.02 J		22.9			1.3	19.8				
10/18/2011	XX	GW914A8G5	UF LF			0.003 J											
4/11/2012	XX	GW914A8I3	UF LF	0.008	91.2		0.05 U		24.1			1.3	21.2				
7/10/2012	XX	GW914A906	UF LF	0.01	95.7	0.01 U	0.05 U	0.003 U	27.5	1.31	0.005 U	1.5	23.4				
10/2/2012	XX	GW914A928	UF LF	0.014	96.4		0.05 U		23			1.3	22.7				
4/10/2013	XX	GW914A948	UF LF	0.013	94.4		0.05 U		24.5			1.4	23.1				

SUMMARY REPORT

Groundwater Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(P-914A)

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
7/8/2013	XX	GW914A968	UF LF	0.025	90.2	0.01 U	0.05 U	0.003 U	27.1	1.38	0.006	2	22.4				
10/22/2013	XX	GW914A9A7	UF LF	0.023	93.4		0.05 U		25.8			1.4	23.5				
4/28/2014	XX	GW914A9CA	UF LF	0.02	96.4		0.05 U		23.3			1.3	21.7				
7/14/2014	XX	GW914A9EC	UF LF	0.027	96	0.01 U	0.05 U	0.003 U	23.8	1.52	0.007	1.3	23.2				
9/29/2014	XX	GW914A9GB	UF LF	0.018	91.9		0.05 U		23			1.3	23				
4/13/2015	XX	GW914AA25	UF LF	0.016	97.8		0.05 U		22.9			1.3	22.7				
7/20/2015	XX	GW914AA49	UF LF	0.021	102	0.01 U	0.05 U	0.003 U	25.4	1.67	0.005 U	1.4	24				
10/19/2015	XX	GW914AA6F	UF LF	0.023	88.7		0.05 U		22.7			1.3	23.6				
4/25/2016	XX	GW914AA8G	UF LF	0.05	104		0.05 U		25.7			1.4	22.8				
10/17/2016	XX	GW914AACH	UF LF	0.005 U	91.6	0.01 U	0.05 U	0.003 U	23.2	2.04	0.005 U	1.4	27.7				

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/22/2016 16:08

FOR: Pinetree Landfill

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-A)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
SW-A								
4/28/2008	XX	SWXXAX6J7	86	8.3	13.6	261	4	0
7/22/2008	XX	SWXXAX71J	113	8	22.9	433	6	2.1
10/7/2008	XX	SWXXAX74A	99	7.9	12.3	350	6	0.8
4/21/2009	XX	SWXXAX771	74	8.1	9.7	90	6	0.4
7/21/2009	XX	SWXXAX79B	110	8.1	22.1	265	6	2.3
10/20/2009	XX	SWXXAX7E6	156	7	5.6	304	5	0.8
3/30/2010	XX	SWXXAX7GI	71	7.6	7	373	5	3.7
7/27/2010	XX	SWXXAX7J3	115	7.8	22.3	328	5	1.6
10/5/2010	XX	SWXXAX81A	131	7.9	14.1	278	5	0.4
4/12/2011	XX	SWXXAX8A1	86	7.5	8.2	242	5	3.5
7/26/2011	XX	SWXXAX8DH	107	7.8	20.3	472	6	2.3
10/18/2011	XX	SWXXAX8BJ	109	8.7	12.3	341	6	0.5
4/11/2012	XX	SWXXAX8I4	97	7.7	7.2	325	6	3.5
7/10/2012	XX	SWXXAX907	100	7.9	25.6	84	5	6.8
10/3/2012	XX	SWXXAX929	115	8	15.4	238	5	4
4/9/2013	XX	SWXXAX949	88	7.9	4.5	221	5	2.2
7/9/2013	XX	SWXXAX969	111	7.9	24.1	379	6	1.2
10/22/2013	XX	SWXXAX9A8	118	7.8	13.4	170	6	2.8
4/29/2014	XX	SWXXAX9CB	89	7.7	7.6	304	6	0.5
7/15/2014	XX	SWXXAX9ED	105	7.8	23.7	339	5	0.5
9/30/2014	XX	SWXXAX9GC	114	7.8	13.1	219	4	1.1
4/14/2015	XX	SWXXAXA26	91	7.1	2.2	337	11.4	1.8
7/21/2015	XX	SWXXAXA4A	126	7.8	22.2	332	4.9	1.2
10/20/2015	XX	SWXXAXA6G	104	8.2	8.1	369	9.7	2.3
4/26/2016	XX	SWXXAXA8H	100	8.7	9.5	265	8.1	1.6
10/18/2016	XX	SWXXAXACI	180	8.3	10.3	331	4.6	1.8
SW-C								
4/28/2008	XX	SWXXCX6J9	83	8.2	15.7	330	6	0.6
7/22/2008	XX	SWXXCX721	116	7.8	23.2	397	6	6.8
10/7/2008	XX	SWXXCX74C	98	8	11	361	6	1.2
4/21/2009	XX	SWXXCX773	86	8.3	10.8	234	6	4.1
7/21/2009	XX	SWXXCX79D	100	7.9	22.6	469	4	1.2
10/20/2009	XX	SWXXCX7E8	97	6.6	6.1	428	6	0.2
3/30/2010	XX	SWXXCX7H0	71	7.5	5.9	323	6	3.4
7/27/2010	XX	SWXXCX7J5	120	7.6	25.3	552	6	1.8
10/5/2010	XX	SWXXCX81C	134	8	12.7	283	6	0.3
4/12/2011	XX	SWXXCX8A2	87	7.1	6.6	427	5	2.5
7/26/2011	XX	SWXXCX8DI	114	7.9	20.1	350	5	2.7
10/18/2011	XX	SWXXCX8C0	112	8.4	12.9	334	6	1.7
4/11/2012	XX	SWXXCX8I5	100	7	8.1	305	8	2.3
7/10/2012	XX	SWXXCX908	109	7.5	23.3	201	8	9.3
10/3/2012	XX	SWXXCX92A	110	7.8	15.8	239	6	3.8
4/9/2013	XX	SWXXCX94A	110	6	4.6	-2	5	2.7
7/9/2013	XX	SWXXCX96A	104	7.9	23.7	227	6	0.6
10/22/2013	XX	SWXXCX9A9	140	7.5	13.4	175	5	1.2
4/29/2014	XX	SWXXCX9CC	66	7.6	8.4	270	6	0.9
7/15/2014	XX	SWXXCX9EE	123	7.9	23.8	303	5	0.8

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
(SW-C)								
9/30/2014	XX	SWXXCX9GD	145	7.4	12.6	343	6	1.3
4/14/2015	XX	SWXXCXA27	96	7.6	8.8	360	9.1	0.7
7/21/2015	XX	SWXXCXA4B	136	8	22.4	321	5.3	1.3
10/20/2015	XX	SWXXCXA6H	83	8.3	7.9	388	9.5	2.1
4/26/2016	XX	SWXXCXA8I	116	8.4	8.1	309	8.3	1.6
10/18/2016	XX	SWXXCXACJ	200	8.3	10.1	345	6.8	2.2
SW-D								
4/28/2008	XX	SWXXDX6JA	393	7.8	13.1	324	5	0.6
7/22/2008	XX	SWXXDX722	305	7.6	20.9	388	5	6.4
10/7/2008	XX	SWXXDX74D	188	7.9	8.2	373	6	1.2
4/21/2009	XX	SWXXDX774	196	7.7	7.5	225	6	8.7
7/21/2009	XX	SWXXDX79E	605	8.1	14.6	445	6	1.9
10/20/2009	XX	SWXXDX7E9	302	7	4.6	303	5	0.8
3/30/2010	XX	SWXXDX7H1	146	7.8	4.8	182	6	8.1
7/27/2010	XX	SWXXDX7J6	581	7.8	15.6	298	5	2.2
10/5/2010	XX	SWXXDX81D	234	7.8	12.1	317	5	3.2
4/12/2011	XX	SWXXDX8A3	287	7.4	7.4	402	5	1.8
7/26/2011	XX	SWXXDX8DJ	550	7.7	13.8	460	4	1.2
10/18/2011	XX	SWXXDX8C1	292	8.3	11.3	306	6	1.2
4/11/2012	XX	SWXXDX8I6	289	7.9	5.7	341	6	4.6
7/10/2012	XX	SWXXDX909	657	7.8	16.2	96	6	8
10/3/2012	XX	SWXXDX92B	268	8.3	14.4	237	6	7.7
4/9/2013	XX	SWXXDX94B	332	6	2.8	170	6	6.4
7/9/2013	XX	SWXXDX96B	461	7.8	18.8	239	6	1
10/22/2013	XX	SWXXDX9AA	554	7.2	11.1	208	4	2.2
4/29/2014	XX	SWXXDX9CD	200	7.1	5.5	391	4	0.8
7/15/2014	XX	SWXXDX9EF	657	7.6	16.5	360	6	2.4
9/30/2014	XX	SWXXDX9GE	788	7.6	11	370	5	0.8
4/14/2015	XX	SWXXDXA28	197	7.3	2.4	294	10.2	0.9
7/21/2015	XX	SWXXDXA4C	705	7.7	18.3	365	6.7	1.2
10/20/2015	XX	SWXXDXA6I	406	7.8	5.7	404	9.1	1.8
4/26/2016	XX	SWXXDXA8J	553	8.2	4.7	351	9.9	1.8
10/18/2016	XX	SWXXDXAD0	890	7.5	9.8	285	5.1	2.1
SW-E								
4/28/2008	XX	SWXXEX6JB	519	8.3	15.8	364	5	0.8
7/22/2008	XX	SWXXEX723	508	7.7	18.2	385	6	2.2
10/7/2008	XX	SWXXEX74E	408	7.7	8.5	359	6	0.8
4/21/2009	XX	SWXXEX775	523	7.7	7.6	250	6	6.1
7/21/2009	XX	SWXXEX79F	618	7.9	14.8	436	6	5
10/20/2009	XX	SWXXEX7EA	692	7.9	3.9	318	4	0.6
3/30/2010	XX	SWXXEX7H2	180	7.6	7	142	6	7.6
7/27/2010	XX	SWXXEX7J7	709	7.7	15.8	352	6	2.6
10/5/2010	XX	SWXXEX81E	477	7.8	12.2	249	6	2.3
4/12/2011	XX	SWXXEX8A4	289	7.6	7.1	406	5	1.8
7/26/2011	XX	SWXXEX8E0	674	7.7	13.2	428	6	0.6
10/18/2011	XX	SWXXEX8C2	469	7.9	10.8	385	6	1
4/11/2012	XX	SWXXEX8I7	420	8.1	5.3	351	8	4.6
7/10/2012	XX	SWXXEX90A	715	8.2	17.5	97	8	2.9

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FOR: Pinetree Landfill

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-E)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/3/2012	XX	SWXXEX92C	415	8	13.8	229	6	6.2
4/9/2013	XX	SWXXEX94C	559	6.3	3.6	433	5	8.7
7/9/2013	XX	SWXXEX96C	737	7.9	14.8	244	6	0.8
10/22/2013	XX	SWXXEX9AB	693	7.7	11.7	193	6	2.1
4/29/2014	XX	SWXXEX9CE	527	6.8	6.2	366	5	0.7
7/15/2014	XX	SWXXEX9EG	806	7.9	15.4	337	5	1.4
9/30/2014	XX	SWXXEX9GF	826	7.9	11.2	321	5	1
4/14/2015	XX	SWXXEXA29	241	7.2	4.4	332	12.3	0.8
7/21/2015	XX	SWXXEXA4D	914	7.9	14.1	341	7.2	0.8
10/20/2015	XX	SWXXEXA6J	689	7.5	6.7	414	9.5	1.3
4/26/2016	XX	SWXXEXA90	827	8.1	4.9	357	10.3	1.8
10/18/2016	XX	SWXXEXAD1	721	7.8	9.6	332	8.6	2.2

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

REPORT PREPARED: 12/1/2016 13:50

FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Analytical Method (VOA) -	Chloromethane ug/L	Bromomethane ug/L	Vinyl Chloride ug/L	Chloroethane ug/L	Methylene Chloride ug/L	Acetone ug/L	Carbon Disulfide ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L	trans-1,2-Dichloroethene ug/L	Chloroform ug/L	1,2-Dichloroethane ug/L	Methyl Ethyl Ketone ug/L	1,1,1-Trichloroethane ug/L
641																	
7/21/2008	XX	GW641X72J	EPA 8260	2 U	2 U	1 J	1 J	5 U	10 U	2 U	2 U	1 J	2 U	2 U	2 U	10 U	2 U
7/20/2009	XX	GW641X7AB	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/27/2010	XX	GW641X803	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.97 J	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/26/2011	XX	GW641X8D8	EPA 8260	0.5 U	1 U	0.89 J	0.5 U	5 U	10 U	0.5 U	0.5 U	0.8 J	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/10/2012	XX	GW641X8JI	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/9/2013	XX	GW641X960	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/16/2014	XX	GW641X9E4	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/22/2015	XX	GW641XA41	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/19/2016	XX	GW641XAC9	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
DW04-109																	
7/21/2008	XX	DW109X740	EPA 8260	5 J	10 U	10 U	10 U	25 U	50 U	10 U	10 U	10 U	10 U	94	10 U	50 U	10 U
7/21/2009	XX	DW109X7BA	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	4.8	1 U	10 U	1 U
7/27/2010	XX	DW109X812	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/25/2011	XX	DW109X8EF	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.89 J	0.5 U	5 U	0.5 U
7/25/2011	XD	DWDP3X8EI	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/10/2012	XX	DW109X914	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/10/2012	XD	DWDP3X917	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/10/2013	XX	DW109X976	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/10/2013	XD	DWDP3X979	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/14/2014	XX	DW109X9FA	EPA 8260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/14/2014	XD	DWDP3X9FD	EPA 8260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/20/2015	XX	DW109XA57	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XD	DWDP3XA5A	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	DW109XADB	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
MW02-801A																	
7/22/2008	XX	GW801A730	EPA 8260	2 U	2 U	2 U	5	5 U	10 U	2 U	2 U	1 J	2 U	2 U	2 U	10 U	2 U
7/22/2008	XD	GWDP2X71D	EPA 8260	2 U	2 U	2 U	5	5 U	13	2 U	2 U	1 J	2 U	2 U	2 U	10 U	2 U
7/22/2009	XX	GW801A7AC	EPA 8260	1 U	1 U	1 U	2.6	5 U	10 U	1 U	1 U	0.8 J	1 U	1 U	1 U	10 U	1 U
7/22/2009	XD	GWDP2X795	EPA 8260	1 U	1 U	1 U	2.6	5 U	10 U	1 U	1 U	0.8 J	1 U	1 U	1 U	10 U	1 U
7/28/2010	XX	GW801A804	EPA 8260	0.5 U	1 U	0.5 U	2.6	5 U	10 U	0.5 U	0.5 U	0.58 J	0.5 U	0.5 U	0.5 U	11	0.5 U
7/28/2010	XD	GWDP2X7IH	EPA 8260	0.5 U	1 U	0.5 U	2.8	5 U	10 U	0.5 U	0.5 U	0.59 J	0.5 U	0.5 U	0.5 U	10	0.5 U
7/25/2011	XX	GW801A8DB	EPA 8260	0.5 U	1 U	1.5	3.4	5 U	10 U	0.5 U	0.5 U	2.6	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/9/2012	XX	GW801A901	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/8/2013	XX	GW801A963	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/14/2014	XX	GW801A9E7	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XX	GW801AA44	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	GW801AACC	EPA 8260	2 U	2 U	0.4	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
MW02-801B																	
7/22/2008	XX	GW801B732	EPA 8260	2 U	2 U	1 J	3	5 U	13	2 U	2 U	1 J	2 U	2 U	2 U	10 U	2 U
7/22/2009	XX	GW801B7AE	EPA 8260	1 U	1 U	0.6 J	2	5 U	10 U	1 U	1 U	0.7 J	1 U	1 U	1 U	10 U	1 U
7/28/2010	XX	GW801B806	EPA 8260	0.5 U	1 U	0.5 U	1.3	5 U	10 U	0.5 U	0.5 U	0.6 J	0.5 U	0.5 U	0.5 U	7.9 J	0.5 U
MW03-802A																	
7/22/2008	XX	GW802A731	EPA 8260	2 U	2 U	2 U	2	5 U	10 U	2 U	2 U	3	2 U	2 U	2 U	10 U	2 U
7/21/2009	XX	GW802A7AD	EPA 8260	1 U	1 U	1 U	1.4	5 U	10 U	1 U	1 U	2.1	1 U	1 U	1 U	10 U	1 U
7/26/2010	XX	GW802A805	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-802A) Date	Type	Sample ID	Analytical Method (VOA) -	Chloromethane ug/L	Bromomethane ug/L	Vinyl Chloride ug/L	Chloroethane ug/L	Methylene Chloride ug/L	Acetone ug/L	Carbon Disulfide ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L	trans-1,2-Dichloroethene ug/L	Chloroform ug/L	1,2-Dichloroethane ug/L	Methyl Ethyl Ketone ug/L	1,1,1-Trichloroethane ug/L
7/26/2011	XX	GW802A8DC	EPA 8260	0.5 U	1 U	0.82 J	0.5 U	5 U	10 U	0.5 U	0.5 U	0.81 J	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/9/2012	XX	GW802A902	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/8/2013	XX	GW802A964	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/8/2013	XD	GWDP4X97B	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/14/2014	XX	GW802A9E8	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/14/2014	XD	GWDP4X9FF	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XX	GW802AA45	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XD	GWDP4XA5C	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	GW802AACD	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
MW03-802B																	
7/22/2008	XX	GW802B725	EPA 8260	2 U	2 U	2 U	4	5 U	10 U	2 U	2 U	6	2 U	2 U	4	10 U	2 U
7/21/2009	XX	GW802B79H	EPA 8260	1 U	1 U	0.5 J	1.2	5 U	10 U	1 U	1 U	2.1	1 U	1 U	1.2	10 U	1 U
7/26/2010	XX	GW802B7J9	EPA 8260	0.5 U	1 U	1.2	1.9	5 U	10 U	0.5 U	0.5 U	4.3	0.5 U	0.5 U	2.7	5 U	0.5 U
4/25/2016	XX	GW802BA97	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	GW802BAD6	EPA 8260	2 U	2 U	1.5	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
MW03-803A																	
7/22/2008	XX	GW803A726	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	6	2 U	2 U	2 U	10 U	2 U
7/21/2009	XX	GW803A79I	EPA 8260	1 U	1 U	0.5 J	1 U	5 U	10 U	1 U	1 U	4.6	1 U	1 U	1 U	10 U	1 U
7/26/2010	XX	GW803A7JA	EPA 8260	0.5 U	1 U	0.5 U	0.91 J	5 U	10 U	0.5 U	0.5 U	8.1	0.5 U	0.5 U	0.72 J	5 U	0.5 U
4/25/2016	XX	GW803AA98	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	GW803AAD7	EPA 8260	2 U	2 U	0.3	5 U	5 U	10 U	5 U	1 U	4	2 U	2 U	2 U	10 U	2 U
MW03-803B																	
7/22/2008	XX	GW803B727	EPA 8260	2 U	2 U	4	2	5 U	10 U	2 U	2 U	24	2 U	2 U	1 J	10 U	2 U
7/21/2009	XX	GW803B79J	EPA 8260	1 U	1 U	6.1	1.7	5 U	10 U	1 U	1 U	20	0.9 J	1 U	1.6	10 U	1 U
7/26/2010	XX	GW803B7JB	EPA 8260	0.5 U	1 U	3.4	1.4	5 U	10 U	0.5 U	0.5 U	15	0.54 J	0.5 U	1.3	5 U	0.5 U
7/26/2011	XX	GW803B8DD	EPA 8260	0.5 U	1 U	3.7	1	5 U	10 U	0.5 U	0.5 U	14	0.75 J	0.5 U	0.5 U	5 U	0.5 U
7/9/2012	XX	GW803B903	EPA 8260	1 U	2 U	2.5	1	5 U	10 U	1 U	1 U	9	1 U	1 U	1 U	10 U	1 U
7/8/2013	XX	GW803B965	EPA 8260	2.5 U	1 U	4.3	1.3	3 U	5 U	5 U	0.5 U	8.2	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/14/2014	XX	GW803B9E9	EPA 8260	2 U	2 U	7	5 U	5 U	10 U	5 U	1 U	9	2 U	2 U	2 U	10 U	2 U
7/20/2015	XX	GW803BA46	EPA 8260	2 U	2 U	3	5 U	5 U	10 U	5 U	1 U	6	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	GW803BACE	EPA 8260	2 U	2 U	1.5	5 U	5 U	10 U	5 U	1 U	5	2 U	2 U	2 U	10 U	2 U
10/17/2016	XD	GWDP1XACA	EPA 8260	2 U	2 U	1.6	5 U	5 U	10 U	5 U	1 U	5	2 U	2 U	2 U	10 U	2 U
MW-916																	
7/21/2008	XX	GW916X738	EPA 8260	2 U	2 U	3	3	5 U	10 U	2 U	2 U	3	2 U	2 U	2 U	10 U	2 U
7/21/2009	XX	GW916X7B0	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/27/2010	XX	GW916X80C	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/26/2011	XX	GW916X8D6	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/10/2012	XX	GW916X8JG	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/9/2013	XX	GW916X95I	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/15/2014	XX	GW916X9E2	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/21/2015	XX	GW916XA3J	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/18/2016	XX	GW916XAC7	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
QCBT																	
7/21/2008	XX	BTXXXX72G	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/22/2008	XX	BTXXXX72H	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2009	XX	BTXXXX7A8	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT) Date	Type	Sample ID	Analytical Method (VOA) -	Chloromethane ug/L	Bromomethane ug/L	Vinyl Chloride ug/L	Chloroethane ug/L	Methylene Chloride ug/L	Acetone ug/L	Carbon Disulfide ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L	trans-1,2-Dichloroethene ug/L	Chloroform ug/L	1,2-Dichloroethane ug/L	Methyl Ethyl Ketone ug/L	1,1,1-Trichloroethane ug/L
7/21/2009	XX	BTXXXX7A9	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/22/2009	XX	BTXXXX7B8	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/26/2010	XX	BTXXXX800	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/27/2010	XX	BTXXXX801	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/28/2010	XX	BTXXXX810	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/25/2011	XX	BTXXXX8EJ	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/9/2012	XX	BTXXXX918	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/10/2012	XX	BTXXXX91D	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/8/2013	XX	BTXXXX97A	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/10/2013	XX	BTXXXX97C	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
10/22/2013	XX	BTXXXX9B9	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/22/2013	XX	BTXXXX9BD	EPA 624	5 U	2 U	2 U	5 U	5 U	50 U		1 U	2 U	2 U	2 U	2 U	10 U	2 U
4/28/2014	XX	BTXXXX9DD	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/14/2014	XX	BTXXXX9FE	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
9/30/2014	XX	BTXXXX9HC	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/1/2014	XX	BTXXXX9HF	EPA 624	5 U	2 U	2 U	5 U	5 U	50 U		1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XX	BTXXXXA5B	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/22/2015	XX	BTXXXXA5D	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
4/25/2016	XX	BTXXXXA9F	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/17/2016	XX	BTXXXXADE	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/18/2016	XX	BTXXXXADF	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/19/2016	XX	BTXXXXADG	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Carbon Tetrachloride ug/L	Vinyl Acetate ug/L	Bromodichloro methane ug/L	1,2-Dichloropropane ug/L	cis-1,3-Dichloropropene ug/L	Trichloroethene ug/L	Dibromochloro methane ug/L	1,1,2-Trichloroethane ug/L	Benzene ug/L	trans-1,3-Dichloropropene ug/L	Bromoform ug/L	4-Methyl-2-Pentanone ug/L	2-Hexanone ug/L	Tetrachloroethene ug/L	1,1,2,2-Tetrachloroethane ug/L
641																	
7/21/2008	XX	GW641X72J	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2009	XX	GW641X7AB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.7 J	1 U	1 U	10 U	10 U	1 U	1 U
7/27/2010	XX	GW641X803	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/26/2011	XX	GW641X8D8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/10/2012	XX	GW641X8JI	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/9/2013	XX	GW641X960	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/16/2014	XX	GW641X9E4	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2015	XX	GW641XA41	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/19/2016	XX	GW641XAC9	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
DW04-109																	
7/21/2008	XX	DW109X740	10 U	75 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	10 U	10 U
7/21/2009	XX	DW109X7BA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/27/2010	XX	DW109X812	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/25/2011	XX	DW109X8EF	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/25/2011	XD	DWDP3X8EI	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/10/2012	XX	DW109X914	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/10/2012	XD	DWDP3X917	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/10/2013	XX	DW109X976	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/10/2013	XD	DWDP3X979	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/14/2014	XX	DW109X9FA	0.5 U	10 U	0.5 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/14/2014	XD	DWDP3X9FD	0.5 U	10 U	0.5 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/20/2015	XX	DW109XA57	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XD	DWDP3XA5A	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	DW109XADB	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
MW02-801A																	
7/22/2008	XX	GW801A730	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	5	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2008	XD	GWDP2X71D	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	5	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2009	XX	GW801A7AC	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.7	1 U	1 U	10 U	10 U	1 U	1 U
7/22/2009	XD	GWDP2X795	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.7	1 U	1 U	10 U	10 U	1 U	1 U
7/28/2010	XX	GW801A804	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.2	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/28/2010	XD	GWDP2X7IH	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/25/2011	XX	GW801A8DB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/9/2012	XX	GW801A901	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	1 U	1 U	10 U	10 U	1 U	1 U
7/8/2013	XX	GW801A963	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	3	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/14/2014	XX	GW801A9E7	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	4	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XX	GW801AA44	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	3	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	GW801AACC	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	3	2 U	2 U	10 U	10 U	2 U	2 U
MW02-801B																	
7/22/2008	XX	GW801B732	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	5	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2009	XX	GW801B7AE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4	1 U	1 U	10 U	10 U	1 U	1 U
7/28/2010	XX	GW801B806	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
MW03-802A																	
7/22/2008	XX	GW802A731	2 U	15 U	2 U	2 U	2 U	2	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	GW802A7AD	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U	10 U	10 U	0.6 J	1 U
7/26/2010	XX	GW802A805	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-802A)			Carbon Tetrachloride	Vinyl Acetate	Bromodichloro methane	1,2-Dichloropropane	cis-1,3-Dichloropropene	Trichloroethene	Dibromochloro methane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloropropene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloroethene	1,1,2,2-Tetrachloroethane
Date	Type	Sample ID	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
7/26/2011	XX	GW802A8DC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.93 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/9/2012	XX	GW802A902	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/8/2013	XX	GW802A964	0.5 U	5 U	0.5 U	1.8 U	0.5 U	1.3	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/8/2013	XD	GWDP4X97B	0.5 U	5 U	0.5 U	1.8 U	0.5 U	1.5	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/14/2014	XX	GW802A9E8	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/14/2014	XD	GWDP4X9FF	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XX	GW802AA45	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XD	GWDP4XA5C	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	GW802AACD	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
MW03-802B																	
7/22/2008	XX	GW802B725	2 U	15 U	2 U	2	2 U	6	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	GW802B79H	1 U	1 U	1 U	0.6 J	1 U	2.4	1 U	1 U	0.6 J	1 U	1 U	10 U	10 U	0.6 J	1 U
7/26/2010	XX	GW802B7J9	0.5 U	0.5 U	0.5 U	1.4	0.5 U	2.4	0.5 U	0.5 U	1.2	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
4/25/2016	XX	GW802BA97	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	GW802BAD6	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2	2 U	2 U	10 U	10 U	2 U	2 U
MW03-803A																	
7/22/2008	XX	GW803A726	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	GW803A79I	1 U	1 U	1 U	1 U	1 U	0.7 J	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/26/2010	XX	GW803A7JA	0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
4/25/2016	XX	GW803AA98	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	GW803AAD7	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
MW03-803B																	
7/22/2008	XX	GW803B727	2 U	15 U	2 U	5	2 U	1 J	2 U	2 U	1 J	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	GW803B79J	1 U	1 U	1 U	6.1	1 U	2.1	1 U	1 U	1.9	1 U	1 U	10 U	10 U	1 U	1 U
7/26/2010	XX	GW803B7JB	0.5 U	0.5 U	0.5 U	4.5	0.5 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/26/2011	XX	GW803B8DD	0.5 U	0.5 U	0.5 U	4.5	0.5 U	0.95 J	0.5 U	0.5 U	1.6	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/9/2012	XX	GW803B903	1 U	1 U	1 U	3.4	1 U	1 U	1 U	1 U	1.4	1 U	1 U	10 U	10 U	1 U	1 U
7/8/2013	XX	GW803B965	0.5 U	5 U	0.5 U	1.8 U	0.5 U	1.1	0.5 U	0.75 U	1.9	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/14/2014	XX	GW803B9E9	2 U	10 U	0.5 U	3	2 U	2 U	2 U	2 U	2	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XX	GW803BA46	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	GW803BACE	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XD	GWDP1XACA	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
MW-916																	
7/21/2008	XX	GW916X738	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	GW916X7B0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/27/2010	XX	GW916X80C	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/26/2011	XX	GW916X8D6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/10/2012	XX	GW916X8JG	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/9/2013	XX	GW916X95I	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/15/2014	XX	GW916X9E2	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2015	XX	GW916XA3J	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/18/2016	XX	GW916XAC7	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
QCBT																	
7/21/2008	XX	BTXXXX72G	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2008	XX	BTXXXX72H	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2009	XX	BTXXXX7A8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Carbon Tetrachloride	Vinyl Acetate	Bromodichloro methane	1,2-Dichloropropane	cis-1,3-Dichloropropene	Trichloroethene	Dibromochloro methane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloropropene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloroethene	1,1,2,2-Tetrachloroethane
Date	Type	Sample ID	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
7/21/2009	XX	BTXXXX7A9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/22/2009	XX	BTXXXX7B8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/26/2010	XX	BTXXXX800	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/27/2010	XX	BTXXXX801	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/28/2010	XX	BTXXXX810	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/25/2011	XX	BTXXXX8EJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/9/2012	XX	BTXXXX918	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/10/2012	XX	BTXXXX91D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/8/2013	XX	BTXXXX97A	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/10/2013	XX	BTXXXX97C	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
10/22/2013	XX	BTXXXX9B9	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/22/2013	XX	BTXXXX9BD	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/28/2014	XX	BTXXXX9DD	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/14/2014	XX	BTXXXX9FE	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
9/30/2014	XX	BTXXXX9HC	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/1/2014	XX	BTXXXX9HF	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XX	BTXXXXA5B	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/22/2015	XX	BTXXXXA5D	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/25/2016	XX	BTXXXXA9F	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/17/2016	XX	BTXXXXADE	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/18/2016	XX	BTXXXXADF	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/19/2016	XX	BTXXXXADG	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

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FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Toluene ug/L	Chlorobenzene ug/L	Ethylbenzene ug/L	Styrene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	Trichlorofluoromethane ug/L	cis-1,2-Dichloroethene ug/L	Bromochloromethane ug/L	Dibromomethane ug/L	1,2-Dibromoethane ug/L	1,1,1,2-Tetrachloroethane ug/L	1,2,3-Trichloropropane ug/L	1,2-Dibromo-3-Chloropropane ug/L	Acrylonitrile ug/L
641																	
7/21/2008	XX	GW641X72J	2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/20/2009	XX	GW641X7AB	1 U	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/27/2010	XX	GW641X803	0.5 U	0.75 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.86 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	GW641X8D8	0.5 U	1	1.6	0.5 U	1	0.5 U	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/10/2012	XX	GW641X8JI	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/9/2013	XX	GW641X960	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/16/2014	XX	GW641X9E4	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/22/2015	XX	GW641XA41	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/19/2016	XX	GW641XAC9	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/19/2016	XX	GW641XAC9SIM											0.05 U		0.05 U	0.05 U	0.25 U
DW04-109																	
7/21/2008	XX	DW109X740	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/21/2009	XX	DW109X7BA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/27/2010	XX	DW109X812	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/25/2011	XX	DW109X8EF	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/25/2011	XD	DWDP3X8EI	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/10/2012	XX	DW109X914	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/10/2012	XD	DWDP3X917	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/10/2013	XX	DW109X976	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/10/2013	XD	DWDP3X979	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/14/2014	XX	DW109X9FA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	10 U
7/14/2014	XD	DWDP3X9FD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	10 U
7/20/2015	XX	DW109XA57	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XD	DWDP3XA5A	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	DW109XADB	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	DW109XADBSIM											0.05 U		0.05 U	0.05 U	0.25 U
MW02-801A																	
7/22/2008	XX	GW801A730	2 U	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/22/2008	XD	GWDP2X71D	2 U	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/22/2009	XX	GW801A7AC	1 U	1.9	1 U	1 U	1 U	1 U	1 U	0.5 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/22/2009	XD	GWDP2X795	1 U	1.9	1 U	1 U	1 U	1 U	1 U	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/28/2010	XX	GW801A804	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/28/2010	XD	GWDP2X7IH	0.5 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/25/2011	XX	GW801A8DB	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/9/2012	XX	GW801A901	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/8/2013	XX	GW801A963	0.75 U	1.4	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/14/2014	XX	GW801A9E7	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XX	GW801AA44	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW801AACC	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW801AACCSIM											0.05 U		0.05 U	0.05 U	0.25 U
MW02-801B																	
7/22/2008	XX	GW801B732	2 U	2	2 U	2 U	2 U	2 U	2 U	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/22/2009	XX	GW801B7AE	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/28/2010	XX	GW801B806	1.2	0.72 J	0.5 U	0.5 U	0.5 U	0.59 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW03-802A																	

SUMMARY REPORT

Groundwater VOAs Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-802A)			Toluene	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Trichlorofluoromethane	cis-1,2-Dichloroethene	Bromochloromethane	Dibromomethane	1,2-Dibromoethane	1,1,1,2-Tetrachloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-Chloropropane	Acrylonitrile
Date	Type	Sample ID	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
7/22/2008	XX	GW802A731	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	GW802A7AD	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	GW802A805	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	GW802A8DC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/9/2012	XX	GW802A902	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/8/2013	XX	GW802A964	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	1.2	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/8/2013	XD	GWDP4X97B	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	1.4	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/14/2014	XX	GW802A9E8	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/14/2014	XD	GWDP4X9FF	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XX	GW802AA45	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XD	GWDP4XA5C	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW802AACD	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW802AACDSIM											0.05 U		0.05 U	0.05 U	0.25 U
MW03-802B																	
7/22/2008	XX	GW802B725	2 U	2 U	2 U	2 U	2 U	2 U	2 U	18	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	GW802B79H	1 U	1 U	1 U	1 U	1 U	1 U	1 U	6.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	GW802B7J9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/25/2016	XX	GW802BA97	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW802BAD6	1 U	2 U	1 U	1 U	1 U	1 U	5 U	4	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW802BAD6SIM											0.05 U		0.05 U	0.05 U	0.25 U
MW03-803A																	
7/22/2008	XX	GW803A726	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	GW803A79I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	GW803A7JA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.57 J	0.5 U	0.5 U
4/25/2016	XX	GW803AA98	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW803AAD7	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW803AAD7SIM											0.05 U		0.05 U	0.05 U	0.25 U
MW03-803B																	
7/22/2008	XX	GW803B727	2 U	2 U	2 U	2 U	2 U	2 U	2 U	9	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	GW803B79J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	11	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	GW803B7JB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	GW803B8DD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/9/2012	XX	GW803B903	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/8/2013	XX	GW803B965	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	7	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/14/2014	XX	GW803B9E9	1 U	2 U	1 U	1 U	1 U	1 U	5 U	7	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XX	GW803BA46	1 U	2 U	1 U	1 U	1 U	1 U	5 U	4	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	GW803BACE	1 U	2 U	1 U	1 U	1 U	1 U	5 U	4	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XD	GWDP1XACA	1 U	2 U	1 U	1 U	1 U	1 U	5 U	4	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XD	GWDP1XACASIM											0.05 U		0.05 U	0.05 U	0.25 U
10/17/2016	XX	GW803BACESIM											0.05 U		0.05 U	0.05 U	0.25 U
MW-916																	
7/21/2008	XX	GW916X738	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	GW916X7B0	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/27/2010	XX	GW916X80C	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	GW916X8D6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/10/2012	XX	GW916X8JG	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/9/2013	XX	GW916X95I	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U

REPORT PREPARED: 12/1/2016 13:51

FOR: Pinetree Landfill

SUMMARY REPORT

Groundwater VOAs Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-916)			Toluene	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Trichlorofluoro methane	cis-1,2-Dichloroethene	Bromochlorome thane	Dibromomethan e	1,2-Dibromoethane	1,1,1,2-Tetrachloroetha ne	1,2,3-Trichloropropan e	1,2-Dibromo-3-Chloropropane	Acrylonitrile
Date	Type	Sample ID	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
7/15/2014	XX	GW916X9E2	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/21/2015	XX	GW916XA3J	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/18/2016	XX	GW916XAC7	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/18/2016	XX	GW916XAC7SIM											0.05 U		0.05 U	0.05 U	0.25 U
QCBT																	
5/21/2008	XX	BTXXXX71B	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2008	XX	BTXXXX72G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/22/2008	XX	BTXXXX72H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/23/2008	XX	BTXXXX73G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/20/2009	XX	BTXXXX7A8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/21/2009	XX	BTXXXX7A9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/22/2009	XX	BTXXXX7B8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	BTXXXX800	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/27/2010	XX	BTXXXX801	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/28/2010	XX	BTXXXX810	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/13/2011	XX	BTXXXX8B3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/25/2011	XX	BTXXXX8EJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/27/2011	XX	BTXXXX8F5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/18/2011	XX	BTXXXX8D1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/10/2012	XX	BTXXXX8J6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/9/2012	XX	BTXXXX918	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/10/2012	XX	BTXXXX91D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10/2/2012	XX	BTXXXX938	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10/2/2012	XX	BTXXXXHG8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/8/2013	XX	BTXXXX95B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/8/2013	XX	BTXXXX97A	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
7/10/2013	XX	BTXXXX97C	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	5 U
10/22/2013	XX	BTXXXX9BD	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U							50 U
10/22/2013	XX	BTXXXX9B9	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
4/28/2014	XX	BTXXXX9DD	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/14/2014	XX	BTXXXX9FE	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
9/30/2014	XX	BTXXXX9HC	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/1/2014	XX	BTXXXX9HF	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U							50 U
4/15/2015	XX	BTXXXXA37	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/20/2015	XX	BTXXXXA5B	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
7/22/2015	XX	BTXXXXA5D	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/20/2015	XX	BTXXXXA7G	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
4/25/2016	XX	BTXXXXA9F	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
6/14/2016	XX	BTXXXXAA6	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U							50 U
10/17/2016	XX	BTXXXXADE	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/17/2016	XX	BTXXXXADESIM											0.05 U		0.05 U	0.05 U	0.25 U
10/18/2016	XX	BTXXXXADF	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/18/2016	XX	BTXXXXADFSIM											0.05 U		0.05 U	0.05 U	0.25 U
10/19/2016	XX	BTXXXXADG	1 U	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U
10/19/2016	XX	BTXXXXADGSIM											0.05 U		0.05 U	0.05 U	0.25 U

SUMMARY REPORT

Groundwater VOAs Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Toluene	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Trichlorofluoromethane	cis-1,2-Dichloroethene	Bromochloromethane	Dibromomethane	1,2-Dibromoethane	1,1,1,2-Tetrachloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-Chloropropane	Acrylonitrile
Date	Type	Sample ID	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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

SUMMARY REPORT

Groundwater VOAs Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(641) Date	Type	Sample ID	Tetrahydrofuran ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichlorobenzene ug/L	Diethyl ether ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
641								
7/21/2008	XX	GW641X72J		2 U	2 U		2 U	2 U
7/20/2009	XX	GW641X7AB		1 U	1 U		1 U	1 U
7/27/2010	XX	GW641X803		0.55 J	0.5 U		0.5 U	0.5 U
7/26/2011	XX	GW641X8D8		0.76 J	0.5 U		0.5 U	0.5 U
7/10/2012	XX	GW641X8JI		1 U	1 U		1 U	1 U
7/9/2013	XX	GW641X960		2.5 U	2.5 U		2.5 U	
7/16/2014	XX	GW641X9E4		1 U	1 U		5 U	5 U
7/22/2015	XX	GW641XA41		1 U	1 U		5 U	5 U
10/19/2016	XX	GW641XAC9	10 U	1 U	1 U	5 U	5 U	5 U
DW04-109								
7/21/2008	XX	DW109X740		10 U	10 U		10 U	10 U
7/21/2009	XX	DW109X7BA		1 U	1 U		1 U	1 U
7/27/2010	XX	DW109X812		0.5 U	0.5 U		0.5 U	0.5 U
7/25/2011	XX	DW109X8EF		0.5 U	0.5 U		0.5 U	0.5 U
7/25/2011	XD	DWDP3X8EI		0.5 U	0.5 U		0.5 U	0.5 U
7/10/2012	XX	DW109X914		1 U	1 U		1 U	1 U
7/10/2012	XD	DWDP3X917		1 U	1 U		1 U	1 U
7/10/2013	XX	DW109X976		2.5 U	2.5 U		2.5 U	
7/10/2013	XD	DWDP3X979		2.5 U	2.5 U		2.5 U	
7/14/2014	XX	DW109X9FA		0.5 U	0.5 U		5 U	5 U
7/14/2014	XD	DWDP3X9FD		0.5 U	0.5 U		5 U	5 U
7/20/2015	XX	DW109XA57		1 U	1 U		5 U	5 U
7/20/2015	XD	DWDP3XA5A		1 U	1 U		5 U	5 U
10/17/2016	XX	DW109XADB	10 U	1 U	1 U	5 U	5 U	5 U
MW02-801A								
7/22/2008	XX	GW801A730		3	2 U		2 U	2 U
7/22/2008	XD	GWDP2X71D		3	2 U		2 U	2 U
7/22/2009	XX	GW801A7AC		3.7	1.2		1 U	1 U
7/22/2009	XD	GWDP2X795		3.8	1.2		1 U	1 U
7/28/2010	XX	GW801A804		2.9	0.96 J		0.5 U	0.5 U
7/28/2010	XD	GWDP2X7IH		3	1		0.5 U	0.5 U
7/25/2011	XX	GW801A8DB		2.3	0.73 J		0.5 U	0.5 U
7/9/2012	XX	GW801A901		2.9	1 U		1 U	1 U
7/8/2013	XX	GW801A963		2.9	2.5 U		2.5 U	
7/14/2014	XX	GW801A9E7		4	1		5 U	5 U
7/20/2015	XX	GW801AA44		4	1		5 U	5 U
10/17/2016	XX	GW801AACC	10	4	1	34	5 U	5 U
MW02-801B								
7/22/2008	XX	GW801B732		2 U	2 U		2 U	2 U
7/22/2009	XX	GW801B7AE		0.6 J	0.7 J		1 U	1 U
7/28/2010	XX	GW801B806		0.5 U	0.5 U		0.5 U	0.5 U
MW03-802A								
7/22/2008	XX	GW802A731		2 U	2 U		2 U	2 U
7/21/2009	XX	GW802A7AD		1 U	1 U		1 U	1 U
7/26/2010	XX	GW802A805		0.5 U	0.5 U		0.5 U	0.5 U

SUMMARY REPORT

Groundwater VOAs Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Tetrahydrofuran ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichlorobenzene ug/L	Diethyl ether ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
(MW03-802A)								
7/26/2011	XX	GW802A8DC		0.5 U	0.5 U		0.5 U	0.5 U
7/9/2012	XX	GW802A902		1 U	1 U		1 U	1 U
7/8/2013	XX	GW802A964		2.5 U	2.5 U		2.5 U	
7/8/2013	XD	GWDP4X97B		2.5 U	2.5 U		2.5 U	
7/14/2014	XX	GW802A9E8		1 U	1 U		5 U	5 U
7/14/2014	XD	GWDP4X9FF		1 U	1 U		5 U	5 U
7/20/2015	XX	GW802AA45		1 U	1 U		5 U	5 U
7/20/2015	XD	GWDP4XA5C		1 U	1 U		5 U	5 U
10/17/2016	XX	GW802AACD	10 U	1 U	1 U	5 U	5 U	5 U
MW03-802B								
7/22/2008	XX	GW802B725		2 U	2 U		2 U	2 U
7/21/2009	XX	GW802B79H		1 U	1 U		1 U	1 U
7/26/2010	XX	GW802B7J9		0.5 U	0.5 U		0.5 U	0.5 U
4/25/2016	XX	GW802BA97	10 U	1 U	1 U	5 U	5 U	5 U
10/17/2016	XX	GW802BAD6	10 U	1 U	1 U	40	5 U	5 U
MW03-803A								
7/22/2008	XX	GW803A726		2 U	2 U		2 U	2 U
7/21/2009	XX	GW803A79I		1 U	1 U		1 U	1 U
7/26/2010	XX	GW803A7JA		0.5 U	0.5 U		0.5 U	0.5 U
4/25/2016	XX	GW803AA98	10 U	1 U	1 U	22	5 U	5 U
10/17/2016	XX	GW803AAD7	10 U	1 U	1 U	61	5 U	5 U
MW03-803B								
7/22/2008	XX	GW803B727		2 U	2 U		2 U	2 U
7/21/2009	XX	GW803B79J		1 U	1 U		1 U	1 U
7/26/2010	XX	GW803B7JB		0.5 U	0.5 U		0.5 U	0.5 U
7/26/2011	XX	GW803B8DD		0.5 U	0.5 U		0.5 U	0.5 U
7/9/2012	XX	GW803B903		1 U	1 U		1 U	1 U
7/8/2013	XX	GW803B965		2.5 U	2.5 U		2.5 U	
7/14/2014	XX	GW803B9E9		1 U	1 U		5 U	5 U
7/20/2015	XX	GW803BA46		1 U	1 U		5 U	5 U
10/17/2016	XX	GW803BACE	10 U	1 U	1 U	110	5 U	5 U
10/17/2016	XD	GWDP1XACA	10 U	1 U	1 U	120	5 U	5 U
MW-916								
7/21/2008	XX	GW916X738		2 U	2 U		2 U	2 U
7/21/2009	XX	GW916X7B0		1 U	1 U		1 U	1 U
7/27/2010	XX	GW916X80C		0.5 U	0.5 U		0.5 U	0.5 U
7/26/2011	XX	GW916X8D6		0.5 U	0.5 U		0.5 U	0.5 U
7/10/2012	XX	GW916X8JG		1 U	1 U		1 U	1 U
7/9/2013	XX	GW916X95I		2.5 U	2.5 U		2.5 U	
7/15/2014	XX	GW916X9E2		1 U	1 U		5 U	5 U
7/21/2015	XX	GW916XA3J		1 U	1 U		5 U	5 U
10/18/2016	XX	GW916XAC7	10 U	1 U	1 U	5 U	5 U	5 U
QCBT								
5/21/2008	XX	BTXXXX71B		2 U	2 U		2 U	2 U
7/21/2008	XX	BTXXXX72G		2 U	2 U		2 U	2 U
7/22/2008	XX	BTXXXX72H		2 U	2 U		2 U	2 U

SUMMARY REPORT

Groundwater VOAs Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT) Date	Type	Sample ID	Tetrahydrofuran ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichlorobenzene ug/L	Diethyl ether ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
7/23/2008	XX	BTXXXX73G		2 U	2 U		2 U	2 U
7/20/2009	XX	BTXXXX7A8		1 U	1 U		1 U	1 U
7/21/2009	XX	BTXXXX7A9		1 U	1 U		1 U	1 U
7/22/2009	XX	BTXXXX7B8		1 U	1 U		1 U	1 U
7/26/2010	XX	BTXXXX800		0.5 U	0.5 U		0.5 U	0.5 U
7/27/2010	XX	BTXXXX801		0.5 U	0.5 U		0.5 U	0.5 U
7/28/2010	XX	BTXXXX810		0.5 U	0.5 U		0.5 U	0.5 U
4/13/2011	XX	BTXXXX8B3		0.5 U	0.5 U		0.5 U	0.5 U
7/25/2011	XX	BTXXXX8EJ		0.5 U	0.5 U		0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4		0.5 U	0.5 U		0.5 U	0.5 U
7/27/2011	XX	BTXXXX8F5		0.5 U	0.5 U		0.5 U	0.5 U
10/18/2011	XX	BTXXXX8D1		0.5 U	0.5 U		0.5 U	0.5 U
4/10/2012	XX	BTXXXX8J6		1 U	1 U		1 U	1 U
7/9/2012	XX	BTXXXX918		1 U	1 U		1 U	1 U
7/10/2012	XX	BTXXXX91D		1 U	1 U		1 U	1 U
10/2/2012	XX	BTXXXX938		1 U	1 U		1 U	1 U
10/2/2012	XX	BTXXXXHG8		1 U	1 U		1 U	1 U
4/8/2013	XX	BTXXXX95B		1 U	1 U		1 U	1 U
7/8/2013	XX	BTXXXX97A		2.5 U	2.5 U		2.5 U	
7/10/2013	XX	BTXXXX97C		2.5 U	2.5 U		2.5 U	
10/22/2013	XX	BTXXXX9B9		1 U	1 U		5 U	5 U
10/22/2013	XX	BTXXXX9BD		1 U	1 U			
4/28/2014	XX	BTXXXX9DD		1 U	1 U		5 U	5 U
7/14/2014	XX	BTXXXX9FE		1 U	1 U		5 U	5 U
9/30/2014	XX	BTXXXX9HC		1 U	1 U		5 U	5 U
10/1/2014	XX	BTXXXX9HF		1 U	1 U			
4/15/2015	XX	BTXXXXA37		1 U	1 U		5 U	5 U
7/20/2015	XX	BTXXXXA5B		1 U	1 U		5 U	5 U
7/22/2015	XX	BTXXXXA5D		1 U	1 U		5 U	5 U
10/20/2015	XX	BTXXXXA7G		1 U	1 U		5 U	5 U
4/25/2016	XX	BTXXXXA9F	10 U	1 U	1 U	5 U	5 U	5 U
6/14/2016	XX	BTXXXXAA6		1 U	1 U			
10/17/2016	XX	BTXXXXADE	10 U	1 U	1 U	5 U	5 U	5 U
10/18/2016	XX	BTXXXXADF	10 U	1 U	1 U	5 U	5 U	5 U
10/19/2016	XX	BTXXXXADG	10 U	1 U	1 U	5 U	5 U	5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 12/2/2016 07:53

FOR: Pinetree Landfill

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
SW-A								
4/28/2008	XX	SWXXAX6J7	86	8.3	13.6	261	4	0
7/22/2008	XX	SWXXAX71J	113	8	22.9	433	6	2.1
10/7/2008	XX	SWXXAX74A	99	7.9	12.3	350	6	0.8
4/21/2009	XX	SWXXAX771	74	8.1	9.7	90	6	0.4
7/21/2009	XX	SWXXAX79B	110	8.1	22.1	265	6	2.3
10/20/2009	XX	SWXXAX7E6	156	7	5.6	304	5	0.8
3/30/2010	XX	SWXXAX7GI	71	7.6	7	373	5	3.7
7/27/2010	XX	SWXXAX7J3	115	7.8	22.3	328	5	1.6
10/5/2010	XX	SWXXAX81A	131	7.9	14.1	278	5	0.4
4/12/2011	XX	SWXXAX8A1	86	7.5	8.2	242	5	3.5
7/26/2011	XX	SWXXAX8DH	107	7.8	20.3	472	6	2.3
10/18/2011	XX	SWXXAX8BJ	109	8.7	12.3	341	6	0.5
4/11/2012	XX	SWXXAX8I4	97	7.7	7.2	325	6	3.5
7/10/2012	XX	SWXXAX907	100	7.9	25.6	84	5	6.8
10/3/2012	XX	SWXXAX929	115	8	15.4	238	5	4
4/9/2013	XX	SWXXAX949	88	7.9	4.5	221	5	2.2
7/9/2013	XX	SWXXAX969	111	7.9	24.1	379	6	1.2
10/22/2013	XX	SWXXAX9A8	118	7.8	13.4	170	6	2.8
4/29/2014	XX	SWXXAX9CB	89	7.7	7.6	304	6	0.5
7/15/2014	XX	SWXXAX9ED	105	7.8	23.7	339	5	0.5
9/30/2014	XX	SWXXAX9GC	114	7.8	13.1	219	4	1.1
4/14/2015	XX	SWXXAXA26	91	7.1	2.2	337	11.4	1.8
7/21/2015	XX	SWXXAXA4A	126	7.8	22.2	332	4.9	1.2
10/20/2015	XX	SWXXAXA6G	104	8.2	8.1	369	9.7	2.3
4/26/2016	XX	SWXXAXA8H	100	8.7	9.5	265	8.1	1.6
10/18/2016	XX	SWXXAXACI	180	8.3	10.3	331	4.6	1.8
SW-C								
4/28/2008	XX	SWXXCX6J9	83	8.2	15.7	330	6	0.6
7/22/2008	XX	SWXXCX721	116	7.8	23.2	397	6	6.8
10/7/2008	XX	SWXXCX74C	98	8	11	361	6	1.2
4/21/2009	XX	SWXXCX773	86	8.3	10.8	234	6	4.1
7/21/2009	XX	SWXXCX79D	100	7.9	22.6	469	4	1.2
10/20/2009	XX	SWXXCX7E8	97	6.6	6.1	428	6	0.2
3/30/2010	XX	SWXXCX7H0	71	7.5	5.9	323	6	3.4
7/27/2010	XX	SWXXCX7J5	120	7.6	25.3	552	6	1.8
10/5/2010	XX	SWXXCX81C	134	8	12.7	283	6	0.3
4/12/2011	XX	SWXXCX8A2	87	7.1	6.6	427	5	2.5
7/26/2011	XX	SWXXCX8DI	114	7.9	20.1	350	5	2.7
10/18/2011	XX	SWXXCX8C0	112	8.4	12.9	334	6	1.7
4/11/2012	XX	SWXXCX8I5	100	7	8.1	305	8	2.3
7/10/2012	XX	SWXXCX908	109	7.5	23.3	201	8	9.3
10/3/2012	XX	SWXXCX92A	110	7.8	15.8	239	6	3.8
4/9/2013	XX	SWXXCX94A	110	6	4.6	-2	5	2.7
7/9/2013	XX	SWXXCX96A	104	7.9	23.7	227	6	0.6
10/22/2013	XX	SWXXCX9A9	140	7.5	13.4	175	5	1.2
4/29/2014	XX	SWXXCX9CC	66	7.6	8.4	270	6	0.9
7/15/2014	XX	SWXXCX9EE	123	7.9	23.8	303	5	0.8

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-C) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
9/30/2014	XX	SWXXCX9GD	145	7.4	12.6	343	6	1.3
4/14/2015	XX	SWXXCXA27	96	7.6	8.8	360	9.1	0.7
7/21/2015	XX	SWXXCXA4B	136	8	22.4	321	5.3	1.3
10/20/2015	XX	SWXXCXA6H	83	8.3	7.9	388	9.5	2.1
4/26/2016	XX	SWXXCXA8I	116	8.4	8.1	309	8.3	1.6
10/18/2016	XX	SWXXCXACJ	200	8.3	10.1	345	6.8	2.2
SW-D								
4/28/2008	XX	SWXXDX6JA	393	7.8	13.1	324	5	0.6
7/22/2008	XX	SWXXDX722	305	7.6	20.9	388	5	6.4
10/7/2008	XX	SWXXDX74D	188	7.9	8.2	373	6	1.2
4/21/2009	XX	SWXXDX774	196	7.7	7.5	225	6	8.7
7/21/2009	XX	SWXXDX79E	605	8.1	14.6	445	6	1.9
10/20/2009	XX	SWXXDX7E9	302	7	4.6	303	5	0.8
3/30/2010	XX	SWXXDX7H1	146	7.8	4.8	182	6	8.1
7/27/2010	XX	SWXXDX7J6	581	7.8	15.6	298	5	2.2
10/5/2010	XX	SWXXDX81D	234	7.8	12.1	317	5	3.2
4/12/2011	XX	SWXXDX8A3	287	7.4	7.4	402	5	1.8
7/26/2011	XX	SWXXDX8DJ	550	7.7	13.8	460	4	1.2
10/18/2011	XX	SWXXDX8C1	292	8.3	11.3	306	6	1.2
4/11/2012	XX	SWXXDX8I6	289	7.9	5.7	341	6	4.6
7/10/2012	XX	SWXXDX909	657	7.8	16.2	96	6	8
10/3/2012	XX	SWXXDX92B	268	8.3	14.4	237	6	7.7
4/9/2013	XX	SWXXDX94B	332	6	2.8	170	6	6.4
7/9/2013	XX	SWXXDX96B	461	7.8	18.8	239	6	1
10/22/2013	XX	SWXXDX9AA	554	7.2	11.1	208	4	2.2
4/29/2014	XX	SWXXDX9CD	200	7.1	5.5	391	4	0.8
7/15/2014	XX	SWXXDX9EF	657	7.6	16.5	360	6	2.4
9/30/2014	XX	SWXXDX9GE	788	7.6	11	370	5	0.8
4/14/2015	XX	SWXXDXA28	197	7.3	2.4	294	10.2	0.9
7/21/2015	XX	SWXXDXA4C	705	7.7	18.3	365	6.7	1.2
10/20/2015	XX	SWXXDXA6I	406	7.8	5.7	404	9.1	1.8
4/26/2016	XX	SWXXDXA8J	553	8.2	4.7	351	9.9	1.8
10/18/2016	XX	SWXXDXAD0	890	7.5	9.8	285	5.1	2.1
SW-E								
4/28/2008	XX	SWXXEX6JB	519	8.3	15.8	364	5	0.8
7/22/2008	XX	SWXXEX723	508	7.7	18.2	385	6	2.2
10/7/2008	XX	SWXXEX74E	408	7.7	8.5	359	6	0.8
4/21/2009	XX	SWXXEX775	523	7.7	7.6	250	6	6.1
7/21/2009	XX	SWXXEX79F	618	7.9	14.8	436	6	5
10/20/2009	XX	SWXXEX7EA	692	7.9	3.9	318	4	0.6
3/30/2010	XX	SWXXEX7H2	180	7.6	7	142	6	7.6
7/27/2010	XX	SWXXEX7J7	709	7.7	15.8	352	6	2.6
10/5/2010	XX	SWXXEX81E	477	7.8	12.2	249	6	2.3
4/12/2011	XX	SWXXEX8A4	289	7.6	7.1	406	5	1.8
7/26/2011	XX	SWXXEX8E0	674	7.7	13.2	428	6	0.6
10/18/2011	XX	SWXXEX8C2	469	7.9	10.8	385	6	1
4/11/2012	XX	SWXXEX8I7	420	8.1	5.3	351	8	4.6
7/10/2012	XX	SWXXEX90A	715	8.2	17.5	97	8	2.9

SUMMARY REPORT

Surface Water Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-E)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/3/2012	XX	SWXXEX92C	415	8	13.8	229	6	6.2
4/9/2013	XX	SWXXEX94C	559	6.3	3.6	433	5	8.7
7/9/2013	XX	SWXXEX96C	737	7.9	14.8	244	6	0.8
10/22/2013	XX	SWXXEX9AB	693	7.7	11.7	193	6	2.1
4/29/2014	XX	SWXXEX9CE	527	6.8	6.2	366	5	0.7
7/15/2014	XX	SWXXEX9EG	806	7.9	15.4	337	5	1.4
9/30/2014	XX	SWXXEX9GF	826	7.9	11.2	321	5	1
4/14/2015	XX	SWXXEXA29	241	7.2	4.4	332	12.3	0.8
7/21/2015	XX	SWXXEXA4D	914	7.9	14.1	341	7.2	0.8
10/20/2015	XX	SWXXEXA6J	689	7.5	6.7	414	9.5	1.3
4/26/2016	XX	SWXXEXA90	827	8.1	4.9	357	10.3	1.8
10/18/2016	XX	SWXXEXAD1	721	7.8	9.6	332	8.6	2.2

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

SUMMARY REPORT

Surface Water Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-A) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
SW-A							
4/28/2008	XX	SWXXAX6J7		2.4	21	5	10.6
7/22/2008	XX	SWXXAX71J		3.1	27	9.1	9.8
10/7/2008	XX	SWXXAX74A		5.8	23	18	10
4/21/2009	XX	SWXXAX771		2	17.9	6.2	8
7/21/2009	XX	SWXXAX79B		1.2 J	32	10.2	8.6
10/20/2009	XX	SWXXAX7E6		2.2	37	6.2	10.7
3/30/2010	XX	SWXXAX7GI		2.4	16.6	4.2	6.8
7/27/2010	XX	SWXXAX7J3		1 J	36	6.9	7.9
10/5/2010	XX	SWXXAX81A		1.9 J	30	9.2	10
4/12/2011	XX	SWXXAX8A1	60	1.9 J	15.4	4.5	7.6
7/26/2011	XX	SWXXAX8DH	99	1.1 J	37	7	9.7
10/18/2011	XX	SWXXAX8BJ	99	1.3 J	29	11.1	8.7
4/11/2012	XX	SWXXAX8I4	68	3.3	23	5.8	9.5
7/10/2012	XX	SWXXAX907	71	2 U	28	9.6	6.8
10/3/2012	XX	SWXXAX929	89	3.2	29	10.3	9.3
4/9/2013	XX	SWXXAX949	48	2.9	20	4.1	8.4
7/9/2013	XX	SWXXAX969	78	2 U	33	8.3	7.7
10/22/2013	XX	SWXXAX9A8	95	2.4	35	8.9	9
4/29/2014	XX	SWXXAX9CB	50	3.6	20	4.5	9.7
7/15/2014	XX	SWXXAX9ED	70	2 U	35	9.2	9.6
9/30/2014	XX	SWXXAX9GC	100	2 U	38	8.1	10.4
4/14/2015	XX	SWXXAXA26	68	3.1	22	4	18.1
7/21/2015	XX	SWXXAXA4A	87	2 U	35	7	14.5
10/20/2015	XX	SWXXAXA6G	85	3.4	29	9.7	15.8
4/26/2016	XX	SWXXAXA8H	66	2.6	26	4.9	13.1
10/18/2016	XX	SWXXAXACI	118	2 U	49	9.1	22.7
SW-C							
4/28/2008	XX	SWXXCX6J9		2.5	21	5.3	10.8
7/22/2008	XX	SWXXCX721		3.4	33	9.5	10.2
10/7/2008	XX	SWXXCX74C		2.4	28	13.6	9.9
4/21/2009	XX	SWXXCX773		1.7 J	18.9	5.1	8.5
7/21/2009	XX	SWXXCX79D		1.4 J	32	10.2	8.4
10/20/2009	XX	SWXXCX7E8		2.4	39	6.5	10.6
3/30/2010	XX	SWXXCX7H0		2.4	16.6	4.7	6.6
7/27/2010	XX	SWXXCX7J5		1.4 J	38	6.4	8.4
10/5/2010	XX	SWXXCX81C		2.5	33	9.2	10.2
4/12/2011	XX	SWXXCX8A2	56	2	15.5	4.4	7.8
7/26/2011	XX	SWXXCX8DI	94	1.9 J	37	6.8	10
10/18/2011	XX	SWXXCX8C0	80	1.5 J	29	11.3	8.6
10/18/2011	XD	SWDP2X8BC	75	1.4 J	28	10.9	8.3
4/11/2012	XX	SWXXCX8I5	72	3.5	25	4.7	9.6
7/10/2012	XX	SWXXCX908	72	2 U	28	8.5	7
10/3/2012	XX	SWXXCX92A	88	3.3	30	10.4	8.7
10/3/2012	XD	SWDP2X922	80	3.3	30	12	8.9
4/9/2013	XX	SWXXCX94A	54	3	21	4.1	8.3
7/9/2013	XX	SWXXCX96A	73	2 U	34	8.3	8
10/22/2013	XX	SWXXCX9A9	83	2 U	35	8.9	8.7

SUMMARY REPORT

Surface Water Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
(SW-C)							
10/22/2013	XD	SWDP2X9A1	84	2 U	35	9	8.8
4/29/2014	XX	SWXXCX9CC	57	3.6	21	4.5	9.8
7/15/2014	XX	SWXXCX9EE	70	2 U	34	9.7	9.5
9/30/2014	XX	SWXXCX9GD	97	2 U	42	7.9	10.3
9/30/2014	XD	SWDP2X9G5	92	2	45	7.7	10.2
4/14/2015	XX	SWXXCXA27	67	3.2	23	4.1	17.9
7/21/2015	XX	SWXXCXA4B	93	2 U	37	7	14.5
10/20/2015	XX	SWXXCXA6H	86	3.5	30	9.5	15.7
10/20/2015	XD	SWDP2XA69	99	3.5	30	9.3	13.4
4/26/2016	XX	SWXXCXA8I	55	2.6	27	5.1	13.1
10/18/2016	XX	SWXXCXACJ	114	2.5	58	4.4	18.6
SW-D							
4/28/2008	XX	SWXXDX6JA		7.4	120	4.9	56.3
4/28/2008	XD	SWDP3X6J4		7.2	116	5.2	55.6
7/22/2008	XX	SWXXDX722		9.1	62	11.2	47
10/7/2008	XX	SWXXDX74D		3.8	46	18.1	31.4
10/7/2008	XD	SWDP3X747		3.7	47	22.9	31.2
4/21/2009	XX	SWXXDX774		3.1	54	8	30
7/21/2009	XX	SWXXDX79E		4.1	119	7.6	40.7
10/20/2009	XX	SWXXDX7E9		8	62	7.4	35.1
3/30/2010	XX	SWXXDX7H1		3.9	54	7.6	48.6
3/30/2010	XD	SWDP3X7GF		3.8	36	7.8	28.7
7/27/2010	XX	SWXXDX7J6		6.6	234	0.9 J	63.8
10/5/2010	XX	SWXXDX81D		3.2	46	14.3	29.1
10/5/2010	XD	SWDP3X817		3.3	46	14.5	32.4
4/12/2011	XX	SWXXDX8A3	163	2.8	45	5.9	43.5
4/12/2011	XD	SWDP2X89E	199	3.1	62	4.9	53.4
7/26/2011	XX	SWXXDX8DJ	354	13.2	171	2	72.8
10/18/2011	XX	SWXXDX8C1	196	2.5	75	12	30.8
4/11/2012	XX	SWXXDX8I6	190	4.6	55	6.7	48.8
4/11/2012	XD	SWDP2X8HH	183	4.7	57	6.5	58.8
7/10/2012	XX	SWXXDX909	404	9.4	210	2	94
10/3/2012	XX	SWXXDX92B	198	5.8	62	14.2	41.2
4/9/2013	XX	SWXXDX94B	162	4.4	39	5.1	56.9
4/9/2013	XD	SWDP2X942	171	4.6	40	5.4	61.3
7/9/2013	XX	SWXXDX96B	280	3.2	110	10	71.5
10/22/2013	XX	SWXXDX9AA	354	6.4	161	7.3	77.9
4/29/2014	XX	SWXXDX9CD	197	5.4	50	6.6	67.9
4/29/2014	XD	SWDP2X9C4	196	5.3	50	6.6	68.4
7/15/2014	XX	SWXXDX9EF	360	7.6	167	6.1	85.6
9/30/2014	XX	SWXXDX9GE	497	9.2	251	2 U	96.4
4/14/2015	XX	SWXXDXA28	117	3.2	25	5.8	45.5
4/14/2015	XD	SWDP2XA1J	106	3.1	24	5.6	41
7/21/2015	XX	SWXXDXA4C	414	6 U	130	5.7	144
10/20/2015	XX	SWXXDXA6I	280	8.9	77	10.4	76
4/26/2016	XX	SWXXDXA8J	310	5.6	85	6.6	103
4/26/2016	XD	SWDP2XA8A	311	5.3	84	5.5	131
10/18/2016	XX	SWXXDXAD0	566	11	235	2 U	96.2
10/18/2016	XD	SWDP2XACB	557	11	230	2 U	96.3

SUMMARY REPORT

Surface Water Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-E)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
SW-E							
4/28/2008	XX	SWXXEX6JB		12.9	149	6.8	83.4
7/22/2008	XX	SWXXEX723		12.4	155	6.5	64.1
10/7/2008	XX	SWXXEX74E		8.2	124	16.6	60.9
4/21/2009	XX	SWXXEX775		10.1	170	4.7	73.4
7/21/2009	XX	SWXXEX79F		12.5	220	4.8	77.1
10/20/2009	XX	SWXXEX7EA		9.4	135	5	54.7
3/30/2010	XX	SWXXEX7H2		3.4	35	7.9	24.7
7/27/2010	XX	SWXXEX7J7		7.5	258	1.6 J	68.4
10/5/2010	XX	SWXXEX81E		6.2	124	8.6	49.6
4/12/2011	XX	SWXXEX8A4	168	3.6	55	5.4	47
7/26/2011	XX	SWXXEX8E0	445	14.7	241	2.1	81.5
7/26/2011	XD	SWDP2X8DA	454	14.7	237	1.9 J	81.2
10/18/2011	XX	SWXXEX8C2	293	5.4	126	9.2	45.8
4/11/2012	XX	SWXXEX8I7	276	18.2	107	5.6	64.9
7/10/2012	XX	SWXXEX90A	442	13.5	243	3.2	96.6
7/10/2012	XD	SWDP2X900	441	13.2	240	2 U	97.2
10/3/2012	XX	SWXXEX92C	273	7.9	111	10.8	54
4/9/2013	XX	SWXXEX94C	317	5.9	75	6.2	114
7/9/2013	XX	SWXXEX96C	460	10.1	221	3.2	87.6
7/9/2013	XD	SWDP2X962	456	10.2	220	3.2	87.7
10/22/2013	XX	SWXXEX9AB	446	10.4	235	2.3	78.5
4/29/2014	XX	SWXXEX9CE	303	8.2	105	4.9	88.7
7/15/2014	XX	SWXXEX9EG	481	10.2	228	2.8	106
7/15/2014	XD	SWDP2X9E6	473	10.4	230	2.8	109
9/30/2014	XX	SWXXEX9GF	500	8.9	256	2 U	98.5
4/14/2015	XX	SWXXEXA29	155	4.1	39	5.3	68.9
7/21/2015	XX	SWXXEXA4D	555	10.4	244	2 U	138
7/21/2015	XD	SWDP2XA43	553	10.3	243	2 U	147
10/20/2015	XX	SWXXEXA6J	443	11.4	185	4.3	86.1
4/26/2016	XX	SWXXEXA90	484	9.2	193	2.4	149
10/18/2016	XX	SWXXEXAD1	534	10.2	253	2.2	131

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/22/2016 16:03

FOR: Pinetree Landfill

SUMMARY REPORT

Surface Water Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-A) Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
SW-A																	
4/28/2008	XX	SWXXAX6J7	UF		6.4		0.14		1.3	0.02 J		0.5	5.6				
7/22/2008	XX	SWXXAX71J	UF		10.4		0.25		2.2	0.08		0.6	7.3				
10/7/2008	XX	SWXXAX74A	UF		9.3		0.37		2.1	0.04 J		0.9	6.3				
4/21/2009	XX	SWXXAX771	UF		6.2		0.11		1.5	0.02 U		0.5	5.2				
7/21/2009	XX	SWXXAX79B	UF		9.5		0.46		2	0.05		0.4	5.7				
10/20/2009	XX	SWXXAX7E6	UF		11.6		0.29		2.5	0.03 J		1	7.3				
3/30/2010	XX	SWXXAX7GI	UF		5.4		0.13		1.2	0.02 U		0.5	4.4				
7/27/2010	XX	SWXXAX7J3	UF		10.4		0.11		2.4	0.04 J		0.4	6.6				
10/5/2010	XX	SWXXAX81A	UF		10.5		0.19		2.6	0.05		1	7.7				
4/12/2011	XX	SWXXAX8A1	UF		5.5		0.12		1.3			0.5	5.3				
7/26/2011	XX	SWXXAX8DH	UF	0.004 J	10.4		0.17	0.0001 U	2.4	0.06	0.002 J	0.3	6.9				
10/18/2011	XX	SWXXAX8BJ	UF	0.002 J	9.5		0.34		2			0.9	5.6				
10/18/2011	XX	SWXXAX8G6	UF			0.003 U											
4/11/2012	XX	SWXXAX8I4	UF	0.003 J	7.5		0.13		1.8			0.6	5.8				
7/10/2012	XX	SWXXAX907	UF	0.005 U	8.4	0.01 U	0.35	0.0003 U	2	0.05	0.005 U	0.4	6				
10/3/2012	XX	SWXXAX929	UF	0.005 U	9.4		0.31		2.1			0.8	6.4				
4/9/2013	XX	SWXXAX949	UF	0.005 U	6.4		0.11		1.7			0.7	6.2				
7/9/2013	XX	SWXXAX969	UF	0.005	9.4	0.01 U	0.34	0.0003 U	2.3	0.05 U	0.005 U	0.4	6.1				
10/22/2013	XX	SWXXAX9A8	UF	0.005 U	11		0.26		2.6			0.8	7.1				
4/29/2014	XX	SWXXAX9CB	UF	0.005 U	6.2		0.11		1.4			1	6.6				
7/15/2014	XX	SWXXAX9ED	UF	0.005 U	9.8	0.01 U	0.33	0.0003 U	2	0.05	0.005 U	0.4	6.7				
9/30/2014	XX	SWXXAX9GC	UF	0.008	10.5		0.33		2.3			1.4	7.5				
4/14/2015	XX	SWXXAXA26	UF	0.005 U	7		0.22		1.6			0.7	6.1				
7/21/2015	XX	SWXXAXA4A	UF	0.012	11.8	0.01 U	0.2	0.0003 U	2.7	0.05 U	0.005 U	1.5	10.6				
10/20/2015	XX	SWXXAXA6G	UF	0.013	9.8		0.39		2.2			1.3	8.4				
4/26/2016	XX	SWXXAXA8H	UF	0.01	8.1		0.12		1.7			0.5	5.9				
10/18/2016	XX	SWXXAXACI	UF	0.005 U	17.3		0.11		4	0.1		1.3	11				
SW-C																	
4/28/2008	XX	SWXXCX6J9	UF		6.7		0.16		1.5	0.03 J		0.5	5.6				
7/22/2008	XX	SWXXCX721	UF		10.9		0.38		2.4	0.09		0.6	7.4				
10/7/2008	XX	SWXXCX74C	UF		8.3		0.37		2.1	0.05		0.9	6.1				
4/21/2009	XX	SWXXCX773	UF		6.4		0.13		1.5	0.02 J		0.4	5.1				
7/21/2009	XX	SWXXCX79D	UF		9.6		0.46		2	0.06		0.4	5.7				
10/20/2009	XX	SWXXCX7E8	UF		12.7		0.32		2.9	0.06		1.1	7.9				
3/30/2010	XX	SWXXCX7H0	UF		5.5		0.13		1.2	0.02 U		0.5	4.3				
7/27/2010	XX	SWXXCX7J5	UF		10.8		0.14		2.6	0.07		0.5	6.5				
10/5/2010	XX	SWXXCX81C	UF		11.2		0.19		2.6	0.04 J		0.9	7.6				
4/12/2011	XX	SWXXCX8A2	UF		5.4		0.11		1.3			0.5	5.2				
7/26/2011	XX	SWXXCX8DI	UF	0.006	11.9		0.19	0.0002 J	2.3	0.07	0.002 U	0.4	6.8				
10/18/2011	XX	SWXXCX8C0	UF	0.002 U	9.6		0.33		2			0.8	5.7				
10/18/2011	XX	SWXXCX8G7	UF			0.003 U											
10/18/2011	XD	SWDP2X8BC	UF	0.002 U	10		0.35		2			0.9	5.7				
10/18/2011	XD	SWDP2X8FJ	UF			0.003 U											
4/11/2012	XX	SWXXCX8I5	UF	0.002 J	8		0.14		1.8			0.6	6.2				
7/10/2012	XX	SWXXCX908	UF	0.005 U	7.9	0.01 U	0.35	0.0003 U	2	0.05	0.005 U	0.4	6				
10/3/2012	XX	SWXXCX92A	UF	0.005 U	9.4		0.31		2.2			0.8	6.3				
10/3/2012	XD	SWDP2X922	UF	0.005 U	9.8		0.32		2.3			0.9	6.5				

SUMMARY REPORT

Surface Water Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L
(SW-C)													
4/9/2013	XX	SWXXCX94A	UF	0.005 U	6.6		0.11		1.8			0.7	6.3
7/9/2013	XX	SWXXCX96A	UF	0.005	9.1	0.01 U	1.36	0.0003 U	2.4	0.08	0.005 U	0.5	6.1
10/22/2013	XX	SWXXCX9A9	UF	0.005	10.2		0.24		2.5			0.8	6.9
10/22/2013	XD	SWDP2X9A1	UF	0.005	10.6		0.26		2.6			0.8	6.6
4/29/2014	XX	SWXXCX9CC	UF	0.005 U	6.4		0.11		1.4			0.8	6.1
7/15/2014	XX	SWXXCX9EE	UF	0.005 U	9.7	0.01 U	0.28	0.0003 U	2	0.05 U	0.005 U	0.4	6.7
9/30/2014	XX	SWXXCX9GD	UF	0.005	12.1		0.34		2.6			1.4	7.6
9/30/2014	XD	SWDP2X9G5	UF	0.007	11.7		0.34		2.5			1.2	7.2
4/14/2015	XX	SWXXCXA27	UF	0.006	6.8		0.19		1.6			0.7	6.2
7/21/2015	XX	SWXXCXA4B	UF	0.013	12.4	0.01 U	0.19	0.0003 U	2.8	0.05	0.005 U	0.8	9.3
10/20/2015	XX	SWXXCXA6H	UF	0.006	10.5		0.29		2.1			1	7.6
10/20/2015	XD	SWDP2XA69	UF	0.008	10.6		0.28		2.1			1	7.1
4/26/2016	XX	SWXXCXA8I	UF	0.011	8.4		0.12		1.8			0.5	6.1
10/18/2016	XX	SWXXCXACJ	UF	0.005 U	20.2		0.16		4.5	0.1		1.2	9.9
SW-D													
4/28/2008	XX	SWXXDX6JA	UF		43.9		0.2		7.1	0.08		1.3	29.9
4/28/2008	XD	SWDP3X6J4	UF		41.5		0.23		6.7	0.07		1.3	28.9
7/22/2008	XX	SWXXDX722	UF		24.1		0.45		5.9	0.02 J		2.2	24.8
10/7/2008	XX	SWXXDX74D	UF		16.5		0.34		4.2	0.02 J		1	18.5
10/7/2008	XD	SWDP3X747	UF		16.8		0.39		4.5	0.02 J		1.1	18.9
4/21/2009	XX	SWXXDX774	UF		18.5		0.46		5.1	0.06		0.7	16
7/21/2009	XX	SWXXDX79E	UF		28.6		0.68		7	0.08		0.7	18.4
10/20/2009	XX	SWXXDX7E9	UF		22.8		0.46		5.9	0.04 J		1.8	19.2
3/30/2010	XX	SWXXDX7H1	UF		13.7		2.11		3	0.08		1.2	18.7
3/30/2010	XD	SWDP3X7GF	UF		19.1		1.24		3.2	0.07		1.2	27.9
7/27/2010	XX	SWXXDX7J6	UF		76.6		0.02 J		9.9	0.07		1.7	40.9
10/5/2010	XX	SWXXDX81D	UF		15.3		0.54		3.8	0.02 J		1.4	20.4
10/5/2010	XD	SWDP3X817	UF		15.9		0.59		4.1	0.02 J		1.4	21.4
4/12/2011	XX	SWXXDX8A3	UF		16.3		0.28		3.1			0.9	26.1
4/12/2011	XD	SWDP2X89E	UF		17.7		0.25		3.7			0.9	28.1
7/26/2011	XX	SWXXDX8DJ	UF	0.011	62.4		0.13	0.0003	10.1	0.12	0.002 U	1.4	36.9
10/18/2011	XX	SWXXDX8C1	UF	0.002 U	26.5		0.38		5.2			1.6	18
10/18/2011	XX	SWXXDX8G8	UF			0.003 U							
4/11/2012	XX	SWXXDX8I6	UF	0.003 J	22.8		0.19		5.7			1	25.7
4/11/2012	XD	SWDP2X8HH	UF	0.003 J	26		0.18		5.8			1.1	26.7
7/10/2012	XX	SWXXDX909	UF	0.005 U	73.3	0.01 U	0.08	0.0003 U	11.6	0.14	0.005 U	2	49.8
10/3/2012	XX	SWXXDX92B	UF	0.005 U	21.5		0.33		4.9			1.8	22.7
4/9/2013	XX	SWXXDX94B	UF	0.005 U	17.3		0.79		5.2			1.4	38.8
4/9/2013	XD	SWDP2X942	UF	0.005 U	18.2		0.68		5.2			1.4	49.9
7/9/2013	XX	SWXXDX96B	UF	0.01	36.5	0.01 U	0.47	0.0003 U	10.9	0.17	0.005 U	1.9	39.2
10/22/2013	XX	SWXXDX9AA	UF	0.009	53.2		0.17		12			2.7	40.9
4/29/2014	XX	SWXXDX9CD	UF	0.005 U	19.5		0.23		5.2			2.4	30.8
4/29/2014	XD	SWDP2X9C4	UF	0.005 U	20.1		0.22		5.1			2.3	31.4
7/15/2014	XX	SWXXDX9EF	UF	0.01	66.1	0.01 U	0.2	0.0003 U	10	0.17	0.005 U	4.6	51.8
9/30/2014	XX	SWXXDX9GE	UF	0.005 U	101		0.05 U		11.9			2.3	50.7
4/14/2015	XX	SWXXDXA28	UF	0.005	9.4		0.38		2.3			1.1	18.8
4/14/2015	XD	SWDP2XA1J	UF	0.006	9		0.39		2.3			1.1	18.2
7/21/2015	XX	SWXXDXA4C	UF	0.012	52.7	0.01 U	0.2	0.0003	13.1	0.08	0.005 U	6.6	81.4
10/20/2015	XX	SWXXDXA6I	UF	0.011	31.7		0.28		7.1			3.1	36.8

SUMMARY REPORT

Surface Water Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Filtration -	Arsenic mg/L	Calcium mg/L	Cobalt mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Sodium mg/L				
(SW-D)																	
4/26/2016	XX	SWXXDXA8J	UF	0.014	34.5		0.29		8.7			2.3	54.1				
4/26/2016	XD	SWDP2XA8A	UF	0.014	35		0.31		9.2			2.3	54.5				
10/18/2016	XX	SWXXDXAD0	UF	0.005 U	109		0.26		13.7	0.14		2.2	62.8				
10/18/2016	XD	SWDP2XACB	UF	0.005 U	111		0.24		13.9	0.19		2.3	65.4				
SW-E																	
4/28/2008	XX	SWXXEX6JB	UF		58.5		0.25		9.4	0.17		1.8	38.5				
7/22/2008	XX	SWXXEX723	UF		56.7		0.33		9	0.12		2.2	35.2				
10/7/2008	XX	SWXXEX74E	UF		48.6		0.27		8.3	0.13		1.6	30.5				
4/21/2009	XX	SWXXEX775	UF		62.6		0.5		10.7	0.35		1.7	37.1				
7/21/2009	XX	SWXXEX79F	UF		75.9		0.31		11.5	0.35		1.9	38.3				
10/20/2009	XX	SWXXEX7EA	UF		55.6		0.35		9.8	0.15		2.3	31.1				
3/30/2010	XX	SWXXEX7H2	UF		12.3		1.74		2.9	0.08		1.1	14.1				
7/27/2010	XX	SWXXEX7J7	UF		84.8		0.24		13.1	0.27		2.2	40.7				
10/5/2010	XX	SWXXEX81E	UF		44.5		0.3		7.2	0.1		1.6	28.2				
4/12/2011	XX	SWXXEX8A4	UF		20.6		0.26		4.3			1	22.9				
7/26/2011	XX	SWXXEX8E0	UF	0.014	82.2		0.18	0.0001 J	12.2	0.22	0.002 U	2.2	44.3				
7/26/2011	XD	SWDP2X8DA	UF	0.016	81.7		0.17	0.0001 J	12.3	0.22	0.002 U	2.2	45				
10/18/2011	XX	SWXXEX8C2	UF	0.011	48.8		0.28		7.6			1.8	24.5				
10/18/2011	XX	SWXXEX8G9	UF			0.003 U											
4/11/2012	XX	SWXXEX8I7	UF	0.006	40.2		0.23		7.8			1.4	30.9				
7/10/2012	XX	SWXXEX90A	UF	0.005 U	94.3	0.01 U	0.15	0.0003 U	13.5	0.23	0.005 U	2.5	51				
7/10/2012	XD	SWDP2X900	UF	0.005 U	88.3	0.01 U	0.16	0.0003 U	14.9	0.24	0.005 U	2.7	57.1				
10/3/2012	XX	SWXXEX92C	UF	0.005	42.8		0.29		7.1			1.9	29.4				
4/9/2013	XX	SWXXEX94C	UF	0.005 U	35.6		0.88		7.1			2	79.8				
7/9/2013	XX	SWXXEX96C	UF	0.005 U	79.9	0.01 U	0.31	0.0003 U	13.8	0.29	0.005 U	2.6	52.2				
7/9/2013	XD	SWDP2X962	UF	0.005 U	80.5	0.01 U	0.29	0.0003 U	14.5	0.28	0.005 U	2.5	56.6				
10/22/2013	XX	SWXXEX9AB	UF	0.005 U	92.4		0.16		15.1			2.8	53.1				
4/29/2014	XX	SWXXEX9CE	UF	0.008	46.2		0.21		8.1			2.3	42.6				
7/15/2014	XX	SWXXEX9EG	UF	0.019	88.1	0.01 U	0.22	0.0003 U	12.6	0.26	0.005 U	2.9	59.2				
7/15/2014	XD	SWDP2X9E6	UF	0.017	86	0.01 U	0.22	0.0003 U	12.1	0.26	0.005 U	2.8	58.3				
9/30/2014	XX	SWXXEX9GF	UF	0.018	97.4		0.09		13.4			2.8	57.1				
4/14/2015	XX	SWXXEXA29	UF	0.007	16.2		0.37		3.1			1.2	24.2				
7/21/2015	XX	SWXXEXA4D	UF	0.017	106	0.01 U	0.12	0.0003 U	14.8	0.22	0.005 U	3.3	85.3				
7/21/2015	XD	SWDP2XA43	UF	0.017	103	0.01 U	0.12	0.0003 U	14.9	0.23	0.005 U	3.2	84				
10/20/2015	XX	SWXXEXA6J	UF	0.02	76.9		0.14		10.6			2.7	47.6				
4/26/2016	XX	SWXXEXA90	UF	0.03	83.3		0.17		12.3			2.2	59.8				
10/18/2016	XX	SWXXEXAD1	UF	0.005 U	109		0.16		15.2	0.2		2.6	65.7				

SUMMARY REPORT

Surface Water Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-E)			Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID											

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

Sample collection notes:

UF - No analytical parameters were field filtered

REPORT PREPARED: 11/22/2016 16:07

FOR: Pinetree Landfill

SUMMARY REPORT

Residential Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW-103) Date	Type	Sample ID	Collection Method	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Reference Point Feet	Water Level Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
DW-103											
4/28/2008	XX	DW103X710		436	8.2	10.2			115	1	0
7/21/2008	XX	DW103X73B		412	7.5	11.2			305	1	1
10/8/2008	XX	DW103X763		372	7.4	11.3			310	2	2
4/20/2009	XX	DW103X78E		376	7.5	10			96	0.6	0
7/20/2009	XX	DW103X7B3		403	7.2	13			264	1	0.2
10/20/2009	XX	DW103X7FJ		585	7.1	10.9			278	1	0.5
3/29/2010	XX	DW103X7IB		454	7.4	9.9			197	1	0
7/26/2010	XX	DW103X80F		414	7.4	11.6			242	2	0.1
10/4/2010	XX	DW103X833		494	8.1	15.9			272	2	0
4/11/2011	XX	DW103X8AI		452	7.8	11.4			108	1	0
7/25/2011	XX	DW103X8EE	GRAB	440	7.7	15.9			262	1	0
10/18/2011	XX	DW103X8CG	GRAB	326	8.1	13.4			259	1	0
4/9/2012	XX	DW103X8J1	GRAB	407	7.8	11.1			344	1	1.8
7/9/2012	XX	DW103X913	GRAB	386	7.6	15.3			9	2	3.5
10/24/2012	XX	DW103X933	GRAB	401	7.4	11.6			242	1	1.9
4/8/2013	XX	DW103X956	GRAB	426	7.5	10.8			95	1	0.8
7/8/2013	XX	DW103X975	GRAB	399	7.1	12.4			95	1	0.5
10/21/2013	XX	DW103X9B2	GRAB	372	7.2	12.6			174	1	0.2
4/28/2014	XX	DW103X9D8	GRAB	409	6.2	10.7			146	1	1.2
6/3/2014	XX	DW103N41793	GRAB	415	8.1	10.2			135	2	0.5
7/14/2014	XX	DW103X9F9	GRAB	418	7.7	14.8			145	1	0.8
9/29/2014	XX	DW103X9H6	GRAB	433	7.6	12.4			96	1	0.6
4/13/2015	XX	DW103XA33	GRAB	416	7.9	10.3			55	1.5	0.6
7/20/2015	XX	DW103XA5G	GRAB	428	7.7	12.6			105	1.3	0.6
10/19/2015	XX	DW103XA7A		A	A	A			A	A	A
12/15/2015	XX	DW103XA7AX	GRAB	383	8.7	10.5			94	2.3	3.7
4/25/2016	XX	DW103XA9B	GRAB	482	7.8	9.9			88	1.2	2.1
10/17/2016	XX	DW103XADA	GRAB	477	8.1	12.7			98	1.2	0.8
DW04-109											
4/30/2008	XX	DW109X716	LF	858	7.9	9	134.04	33.5	278	0.8	18.3
7/21/2008	XX	DW109X740	LF	1105	7.2	16.4	134.04		876	6	8.7
10/7/2008	XX	DW109X768	LF	2880	7.6	11.3	134.04		1004	8	20.1
4/22/2009	XX	DW109X78I	LF	895	7.4	9.6	134.04	32.7	129	1	2.5
7/21/2009	XX	DW109X7BA	LF	905	7.2	14.9	134.04		109	3	12.6
10/20/2009	XX	DW109X7G3	LF	925	7.9	7.4	134.04	33.87	99	1	11.3
3/31/2010	XX	DW109X7IC	LF	1048	7.1	8.1	134.04	32.4	74	3	12.2
7/27/2010	XX	DW109X812	LF	905	7	12.1	134.04	34.2	105	1	2.6
10/5/2010	XX	DW109X834	LF	1126	7.3	10.4	134.04	35.5	87	1	0.9
4/11/2011	XX	DW109X8AJ	LF	274	8.5	9.6	134.04	32.4	278	1	2.3
7/25/2011	XX	DW109X8EF	LF	204	8.9	12.9	134.04	35.7	197	1	5.7
10/18/2011	XX	DW109X8CH	LF	178	8.6	10.8	134.04	33.06	362	1	3.6
4/10/2012	XX	DW109X8J2	LF	761	7	9.4	134.04	33	352	0.6	3
7/10/2012	XX	DW109X914	LF	790	7.2	10.9	134.04	32.68	22	0.6	5.6
10/2/2012	XX	DW109X934	LF	805	7.3	10.6	134.04	33.75	168	1	9.2
4/9/2013	XX	DW109X957	LF	798	7.1	8.2	134.04	33	149	1	1.8
7/10/2013	XX	DW109X976	LF	877	7.1	10.2	134.04	33	314	1	7
10/21/2013	XX	DW109X9B3	LF	449	7.8	9.8	134.04	33.1	129	1	4.8

REPORT PREPARED: 11/22/2016 16:07

FOR: Pinetree Landfill

SUMMARY REPORT

Residential Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW04-109)

Date	Type	Sample ID	Collection Method -	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Reference Point Feet	Water Level Depth Feet	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU						
4/29/2014	XX	DW109X9D9	LF	295	6.8	9.6	134.04	33.5	251	1	1.6						
6/3/2014	XX	DW109N41793	LF	273	9.7	12.3			219	1	5.4						
7/14/2014	XX	DW109X9FA	LF	656	7.3	13.1	134.04	33.1	123	1	2.6						
9/29/2014	XX	DW109X9H7	LF	793	7.6	11.6	134.04	33.6	291	0.6	6.3						
4/13/2015	XX	DW109XA34	LF	229	9.4	10.9	134.04	33.3	347	1.1	3.5						
7/20/2015	XX	DW109XA5F	LF	251	9.1	17.2	134.04	33.65	180	1	4.2						
10/19/2015	XX	DW109XA81	LF	215	8.8	8.7	134.04	34.6	301	0.8	2.4						
4/25/2016	XX	DW109XA9C	LF	280	9.1	9.8	134.04	32.56	212	0.9	1.4						
10/17/2016	XX	DW109XADB	LF	260	8.9	12.8	134.04	35.31	233	1.6	3.1						

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

A - The sampling location was Inaccessible

Sample collection notes:

LF - Low flow sample method used to collect the sample.

REPORT PREPARED: 11/22/2016 16:03

FOR: Pinetree Landfill

SUMMARY REPORT

Residential Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW-103) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L										
DW-103																	
7/21/2008	XX	DW103X73B		11.6	165	1 J	26.7										
7/20/2009	XX	DW103X7B3		10.8	162	1.2 J	24.8										
7/26/2010	XX	DW103X80F		7.1	160	0.7 U	38.3										
7/25/2011	XX	DW103X8EE	256	9.1	157	0.7 U	48.6										
7/9/2012	XX	DW103X913	232	9.9	159	2 U	22.2										
7/8/2013	XX	DW103X975	223	8.7	160	2 U	23.2										
6/3/2014	XX	DW103N41793	239	9	161	2 U	36.4										
6/3/2014	XD	DW103D41793	245	9.1	159	2 U	36.9										
7/14/2014	XX	DW103X9F9	236	10	164	2 U	25.5										
7/20/2015	XX	DW103XA56	255	10.1	158	2 U	33.8										
10/17/2016	XX	DW103XADA	243	8.4	157	2 U	42.5										
10/17/2016	XD	DWDP3XADD	234	8.1	157	2 U	40.3										
DW04-109																	
7/21/2008	XX	DW109X740		38.8	433	4.1	151										
7/21/2009	XX	DW109X7BA		33.8	481	2.4	28.6										
7/27/2010	XX	DW109X812		14.8	520	1.6 J	19.7										
7/25/2011	XX	DW109X8EF	130	3.3	62	3.2	22.3										
7/25/2011	XD	DWDP3X8EI	129	3.6	62	3.2	22										
7/10/2012	XX	DW109X914	450	46.8	351	2 U	15.6										
7/10/2012	XD	DWDP3X917	450	44.8	331	2 U	15.9										
7/10/2013	XX	DW109X976	496	61.6	368	2 U	15.6										
7/10/2013	XD	DWDP3X979	499	59.7	366	2 U	15.2										
6/3/2014	XX	DW109N41793	327	25.3	248	3	11.6										
7/14/2014	XX	DW109X9FA	229	10.4	180	3.1	11.9										
7/14/2014	XD	DWDP3X9FD	264	17.8	200	3.1	14.1										
7/20/2015	XX	DW109XA57	162	2 U	109	3	11.1										
7/20/2015	XD	DWDP3XA5A	142	2 U	101	3	12										
10/17/2016	XX	DW109XADB	124	2 U	78	2.7	12										

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/22/2016 16:04

FOR: Pinetree Landfill

SUMMARY REPORT

Residential Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW-103)			Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID															
DW-103																	
7/21/2008	XX	DW103X73B	UF	0.008 J	36		0.24		15.1	0.16		2.6	23.4				
7/20/2009	XX	DW103X7B3	UF	0.007	34.3		0.43		14.1	0.16		2.4	21.7				
7/26/2010	XX	DW103X80F	UF	0.016	32.1		0.19		14.7	0.14		2.6	34.9				
7/25/2011	XX	DW103X8EE	UF	0.02	27.8		0.12	0.001 J	14.9	0.12	0.002 U	2.9	38.9				
10/18/2011	XX	DW103X8H0	UF	0.017		0.003 U											
7/9/2012	XX	DW103X913	UF	0.013	29.5	0.01 U	0.44	0.003 U	17.9	0.17	0.005 U	2.9	27.8				
7/8/2013	XX	DW103X975	UF	0.029	35.7	0.01 U	0.58	0.003 U	16.3	0.19	0.009	2.8	20.5				
6/3/2014	XX	DW103N41793	UF	0.012	33.5				14.3			2.6	32.5				
6/3/2014	XD	DW103D41793	UF	0.013	34.4				14.4			2.7	31.4				
7/14/2014	XX	DW103X9F9	UF	0.012	38.5	0.01 U	0.51	0.004 U	14.9	0.18	0.005 U	2.5	21.9				
4/13/2015	XX	DW103XA3C	UF	0.013													
7/20/2015	XX	DW103XA56	UF	0.019	36.5	0.01 U	0.4	0.004 U	15.5	0.16	0.005 U	2.7	30.1				
7/20/2015	XX	DW103XA5G	UF	0.014													
10/19/2015	XX	DW103XA7A		A													
12/15/2015	XX	DW103XA7AX	UF	0.011													
10/17/2016	XX	DW103XADA	UF	0.01	35	0.01 U	0.45	0.004 U	15.2	0.16	0.005 U	2.7	34.5				
10/17/2016	XD	DWDP3XADD	UF	0.01	34.8	0.01 U	0.49	0.004 U	15.8	0.17	0.005 U	2.7	34.7				
DW04-109																	
7/21/2008	XX	DW109X740	UF	0.003 J	94.3		43.92		37.1	0.45		4.5	44.5				
7/21/2009	XX	DW109X7BA	UF	0.002 U	166.2		164		50.4	1.36		1.9	16.3				
7/27/2010	XX	DW109X812	UF	0.039	140		31.1		50.3	0.34		1.4	14.5				
7/25/2011	XX	DW109X8EF	UF	0.002 U	5.8		19	0.001 J	15.8	0.11	0.003 J	8.3	10.1				
7/25/2011	XD	DWDP3X8EI	UF	0.002 U	6.1		23.1	0.001 J	16.3	0.13	0.004 J	8.8	10.4				
10/18/2011	XX	DW109X8H1	UF	0.003 J		0.003 U											
7/10/2012	XX	DW109X914	UF	0.01	57.3	0.01 U	1.89	0.003 U	30	0.09	0.005 U	8.4	12.8				
7/10/2012	XD	DWDP3X917	UF	0.005 U	97.8	0.01 U	3.77	0.003 U	43.5	0.15	0.005 U	4.6	14.6				
7/10/2013	XX	DW109X976	UF	0.042	109	0.01 U	3.07	0.003 U	46.2	0.17	0.005 U	2.8	12.5				
7/10/2013	XD	DWDP3X979	UF	0.036	87.4	0.01 U	3.33	0.003 U	41.5	0.15	0.005 U	3.8	12.9				
6/3/2014	XX	DW109N41793	UF	0.005 U	5.4				14.5			10.1	14.9				
7/14/2014	XX	DW109X9FA	UF	0.005 U	87.2	0.01 U	2.39	0.004 U	32.7	0.13	0.005 U	6.8	10.5				
7/14/2014	XD	DWDP3X9FD	UF	0.005 U	47.1	0.01 U	4.4	0.004 U	24	0.11	0.005 U	9.9	10.1				
4/13/2015	XX	DW109XA3D	UF	0.005 U													
7/20/2015	XX	DW109XA57	UF	0.006	42	0.01 U	2.44	0.004 U	19.7	0.09	0.005 U	13.1	7.5				
7/20/2015	XX	DW109XA5F	UF	0.005													
7/20/2015	XD	DWDP3XA5A	UF	0.006	45.2	0.01 U	2.12	0.004 U	20.2	0.09	0.005 U	13.2	7.5				
10/19/2015	XX	DW109XA81	UF	0.005													
10/17/2016	XX	DW109XADB	UF	0.005 U	5.3	0.01 U	0.53	0.004 U	14.8	0.05 U	0.005 U	11.5	12.1				

SUMMARY REPORT

Residential Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW04-109)			Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID											

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

A - The sampling location was Inaccessible
J - Analyte was positively identified/Associated value is an estimate.
U - Not Detected above the reported sample detection limit.

Sample collection notes:

UF - No analytical parameters were field filtered

REPORT PREPARED: 11/22/2016 16:07

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Eh mV	Dissolved Oxygen mg/L	Turbidity (field) NTU
LCS-3C								
7/27/2011	XX	LTL3CX8E3	36300	6.9	30.3	99	6	D3
10/18/2011	XX	LTXXXX8GC	36400	7.3	27.9	-61	0.6	629
7/9/2012	XX	LTL3CX90D	22800	7.5	24.1	101	2	824
7/8/2013	XX	LTL3CX96F	47600	7.4	30	202	3	6.4
7/15/2014	XX	LTL3CX9EJ	42500	7.2	27.9	-101	D2	1946
7/21/2015	XX	LTL3CXA4G	38500	7.2	28.1	88	D2	3.2
4/27/2016	XX	LTLCSXA92	40200	6.4	20.6	64	0.8	1.2
10/18/2016	XX	LTLCSXAD3	40100	6.5	17.7	220	D2	2.6
LCS-SI								
4/13/2011	XX	LTSC1X8A7	16250	7.5	6.8	-94	D2	5.8
4/10/2012	XX	LTSC1X8IA	14900	7.7	9.7	50	D2	8.9
4/8/2013	XX	LTSC1X94F	15560	7.6	6.9	-67	D2	6.5
4/29/2014	XX	LTSC1X9CH	17120	7.9	6.7	-153	D2	5.8
4/15/2015	XX	LTSC1XA2C	18130	8.4	8.1	279	D2	1
10/18/2016	XX	LTXXXXAE0	15120	6.7	15.5	139	D2	0.6
PDPS								
4/30/2008	XX	LTPDPX6J3	12930	7.5	14.3	217	2	21.2
7/23/2008	XX	LTPDPX71F	5870	6.8	21.4	116	1	6.2
10/8/2008	XX	LTPDPX746	5100	7.3	18.4	51	1	4.3
4/22/2009	XX	LTPDPX76H	6070	7.1	16.2	223	1	0
7/21/2009	XX	LTPDPX797	6370	7.2	23.2	292	2	7.7
10/21/2009	XX	LTPDPX7E2	5490	7	20.1	208	5	26.3
3/30/2010	XX	LTPDPX7GE	3130	6.7	10.5	173	1	1.4
7/26/2010	XX	LTPDPX7IJ	7560	7	25.8	138	1	6
10/6/2010	XX	LTPDPX816	4910	7	17	211	1	3.6
4/12/2011	XX	LTPDPX8A5	3920	7.2	15.4	125	1	3.7
7/26/2011	XX	LTPDPX8E1	6670	7.3	23.5	230	2	4.4
10/18/2011	XX	LTPDPX8C3	3310	7.2	18.8	56	1	11.6
4/10/2012	XX	LTPDPX8I8	3800	7.1	16.8	340	2	6.9
7/9/2012	XX	LTPDPX90B	4040	6.9	22.9	48	3	3.9
10/2/2012	XX	LTPDPX92D	2930	6.7	21.3	201	2	6.1
4/9/2013	XX	LTPDPX94D	2410	6.9	11.9	145	1	5.4
7/10/2013	XX	LTPDPX96D	4130	6.7	20.7	140	3	23
10/23/2013	XX	LTPDPX9AC	3880	7.2	14.8	219	3	35
4/29/2014	XX	LTPDPX9CF	8660	7.5	14	87	1	0.8
7/15/2014	XX	LTPDPX9EH	2690	6.8	20.2	170	1	2.6
9/30/2014	XX	LTPDPX9GG	4890	7.1	17.8	175	1	5.7
1/20/2015	XX	LTPDPX9I8	2110	7.6	4.4	57	3	2.8
4/15/2015	XX	LTPDPXA2A	1536	7	10.4	276	1	4.9
7/21/2015	XX	LTPDPXA4E	3240	7.1	23.3	254	2	4.3
10/20/2015	XX	LTPDPXA70	3670	7.1	16.7	207	1	3.6
4/27/2016	XX	LTPDPXA91	2060	6.8	8.7	167	1	25.6
10/18/2016	XX	LTPDPXAD2	9100	6.5	18.3	238	1	6.6

SUMMARY REPORT

Leachate Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(PDPS)			Specific Conductance	pH	Temperature	Eh	Dissolved Oxygen	Turbidity (field)
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	mV	mg/L	NTU

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

D2 - Sample too dark to read D.O. reading.

D3 - Sample too dark to take reading.

REPORT PREPARED: 11/22/2016 16:02

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C) Date	Type	Sample ID	Total Dissolved Solids mg/L	Sulfate mg/L	Bicarbonate (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
LCS-3C							
7/27/2011	XX	LTL3CX8E3	21470	247 J	1910	632	19200
7/27/2011	XD	LTDP4X8F0	21940	225 J	1970	634	17800
7/9/2012	XX	LTL3CX90D	13220	219	1500	436	8210
7/9/2012	XD	LTDP4X919	15610	206	1770	470	9010
7/8/2013	XX	LTL3CX96F	22390	1100	3690	1700	32600
7/15/2014	XX	LTL3CX9EJ	18760	4450	3950	1020	22800
7/21/2015	XX	LTL3CXA4G	25640	1780	4150	1150	17700
4/27/2016	XX	LTLCSXA92	20840	685	5260	1510	10700
10/18/2016	XX	LTLCSXAD3	21490	2260	4900	2020	19200
LCS-SI							
4/13/2011	XX	LTSC1X8A7	9078	1560	5740	31	2070
4/10/2012	XX	LTSC1X8IA	9250	2940	5630	772	3480
4/8/2013	XX	LTSC1X94F	9240	1060	5900	374	1710
4/29/2014	XX	LTSC1X9CH	9520	1080	6120	609	2160
4/15/2015	XX	LTSC1XA2C	9665	979	6420	538	2560
10/18/2016	XX	LTXXXXAE0	10410	3340	6870	1510	11400
PDPS							
4/30/2008	XX	LTPDPX6J3		78.6	4300	999	2320
7/23/2008	XX	LTPDPX71F		37	1930	233	1190
10/8/2008	XX	LTPDPX746		58.3	1780	224	1160
4/22/2009	XX	LTPDPX76H		20.6	1920	286	1010
7/21/2009	XX	LTPDPX797		34.8	2060	257	1270
10/21/2009	XX	LTPDPX7E2		6 U	2370	235	1010
3/30/2010	XX	LTPDPX7GE		34.8	1090	67.2	507
7/26/2010	XX	LTPDPX7IJ		120 U	2670	335	1630
10/6/2010	XX	LTPDPX816		30.8	1440	142	889
4/12/2011	XX	LTPDPX8A5	1842	39.4	1240	6	707
4/12/2011	XD	LTDP4X8B4	1832	42.9	1270	5.9	715
7/26/2011	XX	LTPDPX8E1	1638	6 U	2090	218	1610
10/18/2011	XX	LTPDPX8C3	1519	22.6	940	82.2	423
4/10/2012	XX	LTPDPX8I8	2007	57.5	1320	117	527
4/10/2012	XD	LTDP4X8J7	2037	59.4	1310	113	546
7/9/2012	XX	LTPDPX90B	2108	35.5	1340	142	662
10/2/2012	XX	LTPDPX92D	1523	35.3	870	55.8	443
4/9/2013	XX	LTPDPX94D	1154	15.9	749	43.7	313
4/9/2013	XD	LTDP4X95C	1190	15.8	763	44.8	315
7/10/2013	XX	LTPDPX96D	1994	4.7	1270	134	464
10/23/2013	XX	LTPDPX9AC	1916	20 U	1350	97	829
4/29/2014	XX	LTPDPX9CF	3660	21.6	2720	258	1070
7/15/2014	XX	LTPDPX9EH	1294	1390	900	5450	3370
9/30/2014	XX	LTPDPX9GG	2336	20 U	1470	141	727
4/15/2015	XX	LTPDPXA2A	767	30 U	500	27.4	161
7/21/2015	XX	LTPDPXA4E	1790	864	1090	89.4	3390
10/20/2015	XX	LTPDPXA70	1906	21.8	1190	110	621
4/27/2016	XX	LTPDPXA91	984	17.4	670	53.3	258
10/18/2016	XX	LTPDPXAD2	4540	31	2890	399	1480

SUMMARY REPORT

Leachate Inorganics

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(PDPS)			Total Dissolved Solids	Sulfate	Bicarbonate (CaCO3)	Organic Carbon	Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID					

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/22/2016 16:01

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C)			Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID											
LCS-3C													
7/27/2011	XX	LTL3CX8E3	UF	0.239	522		22	0.029	303	1.1	0.175	1736	4252
7/27/2011	XD	LTDP4X8F0	UF	0.249	541		22	0.025	306	1.2	0.178	1737	4228
10/18/2011	XX	LTXXXX8GC	UF			0.016 J							
7/9/2012	XX	LTL3CX90D	UF	0.36	489	0.1 U	23.4	0.03 U	198	1.8	0.06	1289	3321
7/9/2012	XD	LTDP4X919	UF	0.44	455	0.1 U	23.4	0.03 U	260	1.4	0.08	1807	3864
7/8/2013	XX	LTL3CX96F	UF	0.554	320	0.05 U	18.1	0.015 U	348	0.4	0.096	2383	6638
7/15/2014	XX	LTL3CX9EJ	UF	0.532	302	0.028	7.42	0.003 U	227	0.54	0.101	1752	5083
7/21/2015	XX	LTL3CXA4G	UF	0.66	459	0.1 U	8	0.03 U	376	3 U	0.14	2668	7005
4/27/2016	XX	LTLCSXA92	UF	0.51	184		8.05		154			1737	4560
10/18/2016	XX	LTLCSXAD3	UF	0.581	179	0.05 U	5.5	0.015 U	192	0.4	0.119	2087	5874
LCS-SI													
4/13/2011	XX	LTSC1X8A7	UF	0.108	51.6		1.2	0.02	703	0.7	0.205	401	1887
4/10/2012	XX	LTSC1X8IA	UF	0.095	56.5	0.032	0.88	0.002 J	772	0.63	0.184	470	2156
4/8/2013	XX	LTSC1X94F	UF	0.098	46.8	0.035	0.72	0.006 U	684	0.56	0.209	478	2075
4/29/2014	XX	LTSC1X9CH	UF	0.114	46.6	0.05	0.52	0.006	591	0.58	0.266	504	2181
4/15/2015	XX	LTSC1XA2C	UF	0.213	38	0.065	6.15	0.024	455	0.46	0.377	588	2677
10/18/2016	XX	LTXXXXAE0	UF	0.209	30.8	0.066	14.5	0.006 U	311	0.16	0.425	692	2756
PDPS													
4/30/2008	XX	LTPDPX6J3	UF		113		9.62		76.4	1.03		427	1482
7/23/2008	XX	LTPDPX71F	UF	0.207	128.6		18.72	0.029	98.5	1.29		179.7	605
10/8/2008	XX	LTPDPX746	UF		141		10.4		72	2.5		167	631
4/22/2009	XX	LTPDPX76H	UF		93		11.9		86	0.7		155	598
7/21/2009	XX	LTPDPX797	UF	0.126	104		7	0.005 U	76	0.9		170	659
10/21/2009	XX	LTPDPX7E2	UF		101		13.1		85	0.7		193	716
3/30/2010	XX	LTPDPX7GE	UF		129		9.38		55.2	2.22		83.9	287
7/26/2010	XX	LTPDPX7IJ	UF	0.294	86.4		11.5	0.009	92.4	0.19		237	891
10/6/2010	XX	LTPDPX816	UF		109		4		68	0.9		113	438
4/12/2011	XX	LTPDPX8A5	UF		112		7.5		52			102	373
4/12/2011	XD	LTDP4X8B4	UF		105		6.4		54.2			104	355
7/26/2011	XX	LTPDPX8E1	UF	0.171	83.8		4.63	0.004	93.9	0.19	0.244	181	726
10/18/2011	XX	LTPDPX8C3	UF	0.15	119		12.8		48			66	238
10/18/2011	XX	LTPDPX8GA	UF			0.012							
4/10/2012	XX	LTPDPX8I8	UF	0.11	113		3.8		72			120	419
4/10/2012	XD	LTDP4X8J7	UF	0.107	105		3.2		69			104	395
7/9/2012	XX	LTPDPX90B	UF	0.211	87	0.05 U	8.8	0.015 U	71	0.8	0.105	132	533
10/2/2012	XX	LTPDPX92D	UF	0.103	149		6		72			93	324
4/9/2013	XX	LTPDPX94D	UF	0.13	100		7.2		65			83.4	244
4/9/2013	XD	LTDP4X95C	UF	0.111	91		6.52		59.2			76.6	244
7/10/2013	XX	LTPDPX96D	UF	0.394	94	0.05 U	21.3	0.015 U	79	0.8	0.09	104	401
10/23/2013	XX	LTPDPX9AC	UF	0.546	103		38.9		79.9			123	418
4/29/2014	XX	LTPDPX9CF	UF	0.55	73.8		9.27		65.4			238	985
7/15/2014	XX	LTPDPX9EH	UF	0.17	89.4	0.01 U	6.37	0.003 U	49.8	0.76	0.072	65.4	233
9/30/2014	XX	LTPDPX9GG	UF	0.377	81.3		8.61		78.2			141	542
1/20/2015	XX	LTPDPX9I8	UF	0.135									
1/20/2015	XX	LTPDPX9J5	FILT	0.128									
4/15/2015	XX	LTPDPXA2A	UF	0.112	84.1		2.16		26.6			32.7	118
7/21/2015	XX	LTPDPXA4E	UF	0.198	98.8	0.01 U	4.03	0.003 U	72.2	0.54	0.102	113	435

REPORT PREPARED: 11/22/2016 16:01

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate Metals

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(PDPS)			Filtration	Arsenic	Calcium	Cobalt	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID															
10/20/2015	XX	LTPDPXA70	UF	0.212	95.7		3.16		60.9			101	415				
4/27/2016	XX	LTPDPXA91	UF	0.521	92.7		23.5		26.9			39.7	171				
10/18/2016	XX	LTPDPXAD2	UF	0.648	83.6	0.045	21.1	0.005	54.5	0.84	0.303	209	1254				

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

Sample collection notes:

FILT - One or more analytical parameters were field filtered.

UF - No analytical parameters were field filtered

REPORT PREPARED: 12/1/2016 13:44

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C) Date	Type	Sample ID	Analytical Method (VOA) -	Chloromethane ug/L	Bromomethane ug/L	Vinyl Chloride ug/L	Chloroethane ug/L	Methylene Chloride ug/L	Acetone ug/L	Carbon Disulfide ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L	trans-1,2-Dichloroethene ug/L	Chloroform ug/L	1,2-Dichloroethane ug/L	Methyl Ethyl Ketone ug/L	1,1,1-Trichloroethane ug/L
LCS-3C																	
7/27/2011	XX	LTL3CX8E3	EPA 8260	2.5 U	5 U	2.5 U	2.5 U	25 U	87	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	27 J	2.5 U
7/27/2011	XD	LTDP4X8F0	EPA 8260	2.5 U	5 U	2.5 U	2.5 U	25 U	101	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	30 J	2.5 U
7/9/2012	XX	LTL3CX90D	EPA 8260	10 U	20 U	10 U	10 U	50 U	427	10 U	10 U	10 U	10 U	10 U	10 U	203	10 U
7/9/2012	XD	LTDP4X919	EPA 8260	10 U	20 U	10 U	10 U	50 U	388	10 U	10 U	10 U	10 U	10 U	10 U	183	10 U
7/8/2013	XX	LTL3CX96F	EPA 8260	250 U	100 U	100 U	100 U	300 U	1800	500 U	50 U	75 U	75 U	75 U	50 U	820	50 U
7/15/2014	XX	LTL3CX9EJ	EPA 8260	2 U	2 U	2 U	5 U	5 U	160	5 U	1 U	2 U	2 U	2 U	2 U	130	2 U
7/21/2015	XX	LTL3CXA4G	EPA 8260	2 U	2 U	2 U	5 U	5 U	330	5 U	1 U	2 U	2 U	2 U	2 U	160	2 U
10/18/2016	XX	LTLCSXAD3	EPA 8260	20 U	20 U	2 U	50 U	50 U	300	20 U	10 U	10 U	10 U	10 U	10 U	200	10 U
LCS-SI																	
4/13/2011	XX	LTSC1X8A7	EPA 8260	5 U	10 U	5 U	5 U	50 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	5 U
4/10/2012	XX	LTSC1X8IA	EPA 8260	5 U	10 U	5 U	5 U	25 U	81	14	5 U	5 U	5 U	5 U	5 U	50 U	5 U
4/8/2013	XX	LTSC1X94F	EPA 8260	1 U	2 U	1 U	1 U	5 U	18	1.4	1 U	1 U	1 U	1 U	1 U	10 U	1 U
4/29/2014	XX	LTSC1X9CH	EPA 8260	10 U	10 U	10 U	30 U	30 U	50 U	10 U	5 U	5 U	5 U	5 U	5 U	50 U	5 U
4/15/2015	XX	LTSC1XA2C	EPA 8260	20 U	20 U	20 U	50 U	50 U	100 U	20 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U
10/18/2016	XX	LTXXXXAE0	EPA 8260	20 U	20 U	2 U	50 U	50 U	100 U	20 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U
PDPS																	
7/26/2000	XX	LTPDPX31I	EPA 8260	2 U	2 U	1 J	13	5 U	187	2 U	2 U	6	1 J	2 U	2	254	2 U
1/31/2001	XX	LTPDPX3B8	EPA 8260	2 U	2 U	2	9	5 U	235	6	2 U	5	2 U	2 U	2	354	2 U
7/18/2001	XX	LTPDPX3FD	EPA 8260	2 U	2 U	2 U	10	5 U	451	2 U	2 U	5	1 J	2 U	2	530	2 U
7/8/2002	XX	LTPDPX436	EPA 8260	20 U	20 U	20 U	20 U	50 U	280	20 U	20 U	20 U	20 U	20 U	20 U	284	20 U
7/22/2003	XX	LTPDPX4BH	EPA 8260	2 U	2 U	1 J	6	5 U	128	2 U	2 U	5	2 U	2 U	2	114	2 U
7/12/2004	XX	LTPDPX56C	EPA 8260	2 U	2 U	2 U	3	5 U	68	2 U	2 U	3	2 U	2 U	2 U	23	2 U
11/4/2004	XX	LTPDPX5A4	EPA 8260	2 U	2 U	2 U	3	5 U	51	2 U	2 U	2	2 U	2 U	2 U	26	2 U
7/12/2005	XX	LTPDPX5FC	EPA 8260	20 U	20 U	20 U	20 U	50 U	389	20 U	20 U	20 U	20 U	20 U	20 U	264	20 U
6/20/2006	XX	LTPDPX63C	EPA 8260	2 U	2 U	2 U	3	5 U	127	2 U	2 U	2 U	2 U	2 U	2 U	60	2 U
7/10/2007	XX	LTPDPX6BC	EPA 8260	20 U	20 U	20 U	20 U	50 U	100 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	20 U
7/23/2008	XX	LTPDPX71F	EPA 8260	20 U	20 U	20 U	20 U	50 U	100 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	20 U
7/21/2009	XX	LTPDPX797	EPA 8260	5 U	5 U	5 U	5 U	25 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	5 U
7/26/2010	XX	LTPDPX7IJ	EPA 8260	5 U	10 U	5 U	5 U	50 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	5 U
7/26/2011	XX	LTPDPX8E1	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	129	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.5 J	0.5 U
7/9/2012	XX	LTPDPX90B	EPA 8260	10 U	20 U	10 U	10 U	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U
7/10/2013	XX	LTPDPX96D	EPA 8260	25 U	10 U	10 U	10 U	30 U	50 U	50 U	5 U	7.5 U	7.5 U	7.5 U	5 U	50 U	5 U
7/15/2014	XX	LTPDPX9EH	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/21/2015	XX	LTPDPXA4E	EPA 8260	2 U	2 U	2 U	5 U	5 U	30	5 U	1 U	2 U	2 U	2 U	2 U	10	2 U
10/18/2016	XX	LTPDPXAD2	EPA 8260	20 U	20 U	2 U	50 U	50 U	100 U	20 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U
QCBT																	
7/5/2000	XX	BTXXXXHEB	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/5/2000	XX	BTXXXX309	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
9/13/2000	XX	BTXXXX345	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
1/25/2001	XX	BTXXXX39J	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
3/22/2001	XX	BTXXXX3C5	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/11/2001	XX	BTXXXX3E2	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/11/2001	XX	BTXXXX3E3	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
9/12/2001	XX	BTXXXX3I3	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
6/26/2002	XX	BTXXXX41E	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
6/26/2002	XX	BTXXXX41F	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U

SUMMARY REPORT

Leachate VOAs - Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT) Date	Type	Sample ID	Analytical Method (VOA) -	Chloromethane ug/L	Bromomethane ug/L	Vinyl Chloride ug/L	Chloroethane ug/L	Methylene Chloride ug/L	Acetone ug/L	Carbon Disulfide ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L	trans-1,2-Dichloroethene ug/L	Chloroform ug/L	1,2-Dichloroethane ug/L	Methyl Ethyl Ketone ug/L	1,1,1-Trichloroethane ug/L
9/4/2002	XX	BTXXXX441	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
3/27/2003	XX	BTXXXX460	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/14/2003	XX	BTXXXX4A5	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/31/2003	XX	BTXXXX4A6	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/20/2003	XX	BTXXXX4CJ	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/20/2003	XX	BTXXXX4F0	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/20/2003	XX	BTXXXXHEG	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/20/2003	XX	BTXXXXHEE	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/20/2003	XX	BTXXXXHEF	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/19/2004	XX	BTXXXX4G1	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/19/2004	XX	BTXXXX4G3	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/12/2004	XX	BTXXXX552	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/4/2004	XX	BTXXXXHEJ	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
11/4/2004	XX	BTXXXX5A7	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
2/22/2005	XX	BTXXXX5B1	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/25/2005	XX	BTXXXX5ED	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/11/2005	XX	BTXXXX5GF	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/25/2005	XX	BTXXXX5J9	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
10/26/2005	XX	BTXXXX5JA	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/17/2006	XX	BTXXXX621	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/18/2006	XX	BTXXXX622	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
4/19/2006	XX	BTXXXX635	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
6/20/2006	XX	BTXXXX64F	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
6/21/2006	XX	BTXXXX65G	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/10/2007	XX	BTXXXX6CE	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/23/2008	XX	BTXXXX73G	EPA 8260	2 U	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
7/21/2009	XX	BTXXXX7A9	EPA 8260	1 U	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/26/2010	XX	BTXXXX800	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
4/13/2011	XX	BTXXXX8B3	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	23	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
7/27/2011	XX	BTXXXX8F5	EPA 8260	0.5 U	1 U	0.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
4/10/2012	XX	BTXXXX8J6	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/9/2012	XX	BTXXXX918	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
4/8/2013	XX	BTXXXX95B	EPA 8260	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
7/8/2013	XX	BTXXXX97A	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
7/10/2013	XX	BTXXXX97C	EPA 8260	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U
10/22/2013	XX	BTXXXX9B9	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/22/2013	XX	BTXXXX9BD	EPA 624	5 U	2 U	2 U	5 U	5 U	50 U		1 U	2 U	2 U	2 U	2 U	10 U	2 U
4/28/2014	XX	BTXXXX9DD	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/14/2014	XX	BTXXXX9FE	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
9/30/2014	XX	BTXXXX9HC	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/1/2014	XX	BTXXXX9HF	EPA 624	5 U	2 U	2 U	5 U	5 U	50 U		1 U	2 U	2 U	2 U	2 U	10 U	2 U
4/15/2015	XX	BTXXXXA37	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
7/20/2015	XX	BTXXXXA5B	EPA 8260	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U
10/18/2016	XX	BTXXXXADF	EPA 8260	2 U	2 U	0.2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U

SUMMARY REPORT

Leachate VOAs - Part 1 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Analytical Method (VOA)	Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane
			-	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
Date	Type	Sample ID															

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 12/1/2016 13:44

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C) Date	Type	Sample ID	Carbon Tetrachloride ug/L	Vinyl Acetate ug/L	Bromodichloro methane ug/L	1,2-Dichloropropane ug/L	cis-1,3-Dichloropropene ug/L	Trichloroethene ug/L	Dibromochloro methane ug/L	1,1,2-Trichloroethane ug/L	Benzene ug/L	trans-1,3-Dichloropropene ug/L	Bromoform ug/L	4-Methyl-2-Pentanone ug/L	2-Hexanone ug/L	Tetrachloroethene ug/L	1,1,2,2-Tetrachloroethane ug/L
LCS-3C																	
7/27/2011	XX	LTL3CX8E3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	25 U	2.5 U	2.5 U
7/27/2011	XD	LTDP4X8F0	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	25 U	2.5 U	2.5 U
7/9/2012	XX	LTL3CX90D	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	10 U	10 U
7/9/2012	XD	LTDP4X919	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	10 U	10 U
7/8/2013	XX	LTL3CX96F	50 U	500 U	50 U	180 U	50 U	50 U	50 U	75 U	50 U	50 U	200 U	500 U	500 U	50 U	50 U
7/15/2014	XX	LTL3CX9EJ	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	3	2 U	2 U	20	10 U	2 U	2 U
7/21/2015	XX	LTL3CXA4G	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	7	2 U	2 U	20	10 U	2 U	2 U
10/18/2016	XX	LTLCSXAD3	10 U	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U
LCS-SI																	
4/13/2011	XX	LTSC1X8A7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	5 U	5 U
4/10/2012	XX	LTSC1X8IA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3 J	5 U	5 U	50 U	50 U	5 U	5 U
4/8/2013	XX	LTSC1X94F	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U	10 U	10 U	1 U	1 U
4/29/2014	XX	LTSC1X9CH	5 U	50 U	3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	50 U	50 U	5 U	5 U
4/15/2015	XX	LTSC1XA2C	10 U	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U
10/18/2016	XX	LTXXXXAE0	10 U	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U
PDPS																	
7/26/2000	XX	LTPDPX31I	2 U	15 U	2 U	1 J	2 U	2 U	2 U	2 U	9	2 U	2 U	15	10 U	2 U	2 U
1/31/2001	XX	LTPDPX3B8	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	11	2 U	2 U	23	10 U	2 U	2 U
7/18/2001	XX	LTPDPX3FD	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	13	2 U	2 U	23	10 U	2 U	2 U
7/8/2002	XX	LTPDPX436	20 U	150 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U
7/22/2003	XX	LTPDPX4BH	2 U	15 U	2 U	2	2 U	2 U	2 U	2 U	8	2 U	2 U	10 U	10	2 U	2 U
7/12/2004	XX	LTPDPX56C	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2	2 U	2 U	10 U	10 U	2 U	2 U
11/4/2004	XX	LTPDPX5A4	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	3	2 U	2 U	10 U	10 U	2 U	2 U
7/12/2005	XX	LTPDPX5FC	20 U	150 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U
6/20/2006	XX	LTPDPX63C	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	5	2 U	2 U	10 U	10 U	2 U	2 U
7/10/2007	XX	LTPDPX6BC	20 U	150 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U
7/23/2008	XX	LTPDPX71F	20 U	150 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U
7/21/2009	XX	LTPDPX797	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	5 U	5 U
7/26/2010	XX	LTPDPX7IJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	5 U	5 U
7/26/2011	XX	LTPDPX8E1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/9/2012	XX	LTPDPX90B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	10 U	10 U
7/10/2013	XX	LTPDPX96D	5 U	50 U	5 U	18 U	5 U	5 U	5 U	7.5 U	5 U	5 U	20 U	50 U	50 U	5 U	5 U
7/15/2014	XX	LTPDPX9EH	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2015	XX	LTPDPXA4E	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/18/2016	XX	LTPDPXAD2	10 U	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U
QCBT																	
7/5/2000	XX	BTXXXXHEB	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/5/2000	XX	BTXXXX309	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
9/13/2000	XX	BTXXXX345	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
1/25/2001	XX	BTXXXX39J	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
3/22/2001	XX	BTXXXX3C5	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/11/2001	XX	BTXXXX3E2	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/11/2001	XX	BTXXXX3E3	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
9/12/2001	XX	BTXXXX3I3	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
6/26/2002	XX	BTXXXX41E	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
6/26/2002	XX	BTXXXX41F	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U

SUMMARY REPORT

Leachate VOAs - Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Carbon Tetrachloride	Vinyl Acetate	Bromodichloro methane	1,2-Dichloropropane	cis-1,3-Dichloropropene	Trichloroethene	Dibromochloro methane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloropropene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloroethene	1,1,2,2-Tetrachloroethane
Date	Type	Sample ID	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
9/4/2002	XX	BTXXXX441	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
3/27/2003	XX	BTXXXX460	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/14/2003	XX	BTXXXX4A5	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/31/2003	XX	BTXXXX4A6	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/20/2003	XX	BTXXXX4CJ	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/20/2003	XX	BTXXXX4F0	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/20/2003	XX	BTXXXXHEG	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/20/2003	XX	BTXXXXHEE	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/20/2003	XX	BTXXXXHEF	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/19/2004	XX	BTXXXX4G1	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/19/2004	XX	BTXXXX4G3	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/12/2004	XX	BTXXXX552	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/4/2004	XX	BTXXXXHEJ	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
11/4/2004	XX	BTXXXX5A7	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
2/22/2005	XX	BTXXXX5B1	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/25/2005	XX	BTXXXX5ED	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/11/2005	XX	BTXXXX5GF	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/25/2005	XX	BTXXXX5J9	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
10/26/2005	XX	BTXXXX5JA	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/17/2006	XX	BTXXXX621	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/18/2006	XX	BTXXXX622	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
4/19/2006	XX	BTXXXX635	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
6/20/2006	XX	BTXXXX64F	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
6/21/2006	XX	BTXXXX65G	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/10/2007	XX	BTXXXX6CE	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/23/2008	XX	BTXXXX73G	2 U	15 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U
7/21/2009	XX	BTXXXX7A9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/26/2010	XX	BTXXXX800	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
4/13/2011	XX	BTXXXX8B3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
7/27/2011	XX	BTXXXX8F5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U
4/10/2012	XX	BTXXXX8J6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/9/2012	XX	BTXXXX918	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
4/8/2013	XX	BTXXXX95B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
7/8/2013	XX	BTXXXX97A	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
7/10/2013	XX	BTXXXX97C	0.5 U	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U
10/22/2013	XX	BTXXXX9B9	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/22/2013	XX	BTXXXX9BD	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/28/2014	XX	BTXXXX9DD	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/14/2014	XX	BTXXXX9FE	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
9/30/2014	XX	BTXXXX9HC	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/1/2014	XX	BTXXXX9HF	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/15/2015	XX	BTXXXXA37	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
7/20/2015	XX	BTXXXXA5B	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
10/18/2016	XX	BTXXXXADF	2 U	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U

REPORT PREPARED: 12/1/2016 13:44

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 2 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Carbon Tetrachloride	Vinyl Acetate	Bromodichloro methane	1,2-Dichloropropane	cis-1,3-Dichloropropene	Trichloroethene	Dibromochloro methane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloropropene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloroethene	1,1,2,2-Tetrachloroethane
Date	Type	Sample ID	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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 12/1/2016 13:47

FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C) Date	Type	Sample ID	Toluene ug/L	Chlorobenzene ug/L	Ethylbenzene ug/L	Styrene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	Tetrahydrofuran ug/L	Trichlorofluoromethane ug/L	cis-1,2-Dichloroethene ug/L	Bromochloromethane ug/L	1,2-Dibromoethane ug/L	1,1,1,2-Tetrachloroethane ug/L	1,2,3-Trichloropropane ug/L	Acrylonitrile ug/L	1,2-Dibromo-3-Chloropropane ug/L
LCS-3C																	
7/27/2011	XX	LTL3CX8E3	4.6 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
7/27/2011	XD	LTDP4X8F0	4.7 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
7/9/2012	XX	LTL3CX90D	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/9/2012	XD	LTDP4X919	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/8/2013	XX	LTL3CX96F	75 U	50 U	50 U	100 U	100 U	100 U		250 U	50 U	250 U	200 U	50 U	500 U	500 U	250 U
7/15/2014	XX	LTL3CX9EJ	25	2 U	7	1 U	4	7		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
7/21/2015	XX	LTL3CXA4G	59	2 U	16	2	9	17		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/18/2016	XX	LTLCSXAD3	30	10 U	10 U	10 U	10 U	10 U	400	50 U	10 U	10 U	20 U	10 U	10 U	200 U	20 U
10/18/2016	XX	LTLCSXAD3DL2SIM											0.5 U		0.5 U	2.5 U	0.5 U
LCS-SI																	
4/13/2011	XX	LTSC1X8A7	16	5 U	26	5 U	18	23		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4/10/2012	XX	LTSC1X8IA	17	5 U	26	5 U	21	22		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4/8/2013	XX	LTSC1X94F	11	1 U	19	1 U	13	14		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/29/2014	XX	LTSC1X9CH	10	5 U	22	5 U	16	16		30 U	5 U	5 U	10 U	5 U	5 U	100 U	10 U
4/15/2015	XX	LTSC1XA2C	10 U	10 U	10 U	10 U	10 U	10 U		50 U	10 U	10 U	20 U	10 U	10 U	200 U	20 U
10/18/2016	XX	LTXXXXAE0	10 U	10 U	10 U	10 U	10 U	10 U	300	50 U	10 U	10 U	20 U	10 U	10 U	200 U	20 U
10/18/2016	XX	LTXXXXAE0DL3SIM											2.5 U		2.5 U	12 U	2.5 U
PDPS																	
7/26/2000	XX	LTPDPX31I	24	4	24	2 U	15	38		2 U	3	2 U	2 U	2 U	2 U	2 U	2 U
1/31/2001	XX	LTPDPX3B8	58	6	54	2 U	28	96		2 U	4	2 U	2 U	2 U	2 U	2 U	2 U
7/18/2001	XX	LTPDPX3FD	22	3	19	2 U	9	44		2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U
7/8/2002	XX	LTPDPX436	20 U	20 U	20 U	20 U	20 U	27		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
7/22/2003	XX	LTPDPX4BH	33	2	14	2 U	8	23		2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U
7/12/2004	XX	LTPDPX56C	2	2 U	2 U	2 U	3	8		2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U
11/4/2004	XX	LTPDPX5A4	4	1 J	5	2 U	4	11	167	2 U	2	2 U	2 U	2 U	2 U	2 U	2 U
7/12/2005	XX	LTPDPX5FC	20 U	20 U	20 U	20 U	20 U	12 J		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
6/20/2006	XX	LTPDPX63C	2 U	2	2 U	2 U	1 J	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/10/2007	XX	LTPDPX6BC	20 U	20 U	20 U	20 U	20 U	20 U		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
7/23/2008	XX	LTPDPX71F	20 U	20 U	20 U	20 U	20 U	20 U		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
7/21/2009	XX	LTPDPX797	5 U	5 U	5 U	5 U	5 U	4.6 J		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7/26/2010	XX	LTPDPX7IJ	6.2 J	5 U	7.4 J	5 U	5 U	10		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7/26/2011	XX	LTPDPX8E1	1.8	0.84 J	1.1	0.5 U	1.2	2.7		0.5 U	0.52 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/9/2012	XX	LTPDPX90B	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/10/2013	XX	LTPDPX96D	7.5 U	5 U	5 U	10 U	10 U	10 U		25 U	5 U	25 U	20 U	5 U	50 U	50 U	25 U
7/15/2014	XX	LTPDPX9EH	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
7/21/2015	XX	LTPDPXA4E	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/18/2016	XX	LTPDPXAD2	10 U	10 U	10 U	10 U	10 U	10 U	100 U	50 U	10 U	10 U	20 U	10 U	10 U	200 U	20 U
10/18/2016	XX	LTPDPXAD2DL2SIM											0.5 U		0.5 U	2.5 U	0.5 U
QCBT																	
7/5/2000	XX	BTXXXXHEB	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/5/2000	XX	BTXXXX309	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/13/2000	XX	BTXXXX345	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1/25/2001	XX	BTXXXX39J	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3/22/2001	XX	BTXXXX3C5	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/11/2001	XX	BTXXXX3E2	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/11/2001	XX	BTXXXX3E3	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

SUMMARY REPORT

Leachate VOAs - Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT) Date	Type	Sample ID	Toluene ug/L	Chlorobenzene ug/L	Ethylbenzene ug/L	Styrene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	Tetrahydrofuran ug/L	Trichlorofluoromethane ug/L	cis-1,2-Dichloroethene ug/L	Bromochloromethane ug/L	1,2-Dibromoethane ug/L	1,1,1,2-Tetrachloroethane ug/L	1,2,3-Trichloropropane ug/L	Acrylonitrile ug/L	1,2-Dibromo-3-Chloropropane ug/L
9/12/2001	XX	BTXXXX3I3	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
6/26/2002	XX	BTXXXX41F	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
6/26/2002	XX	BTXXXX41E	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/4/2002	XX	BTXXXX441	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3/27/2003	XX	BTXXXX460	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/14/2003	XX	BTXXXX4A5	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/31/2003	XX	BTXXXX4A6	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/20/2003	XX	BTXXXXHEG	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/20/2003	XX	BTXXXX4CJ	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/20/2003	XX	BTXXXX4F0	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/20/2003	XX	BTXXXXHEE	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/20/2003	XX	BTXXXXHEF	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/19/2004	XX	BTXXXX4G3	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/19/2004	XX	BTXXXX4G1	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/12/2004	XX	BTXXXX552	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/4/2004	XX	BTXXXXHEJ	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
11/4/2004	XX	BTXXXX5A7	2 U	2 U	2 U	2 U	2 U	2 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2/22/2005	XX	BTXXXX5B1	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/25/2005	XX	BTXXXX5ED	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/11/2005	XX	BTXXXX5GF	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/25/2005	XX	BTXXXX5J9	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/26/2005	XX	BTXXXX5JA	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/17/2006	XX	BTXXXX621	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/18/2006	XX	BTXXXX622	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/19/2006	XX	BTXXXX635	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
6/20/2006	XX	BTXXXX64F	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
6/21/2006	XX	BTXXXX65G	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/10/2007	XX	BTXXXX6CE	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/23/2008	XX	BTXXXX73G	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/21/2009	XX	BTXXXX7A9	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/26/2010	XX	BTXXXX800	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/13/2011	XX	BTXXXX8B3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/27/2011	XX	BTXXXX8F5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/10/2012	XX	BTXXXX8J6	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/9/2012	XX	BTXXXX918	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/8/2013	XX	BTXXXX95B	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/8/2013	XX	BTXXXX97A	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U		2.5 U	0.5 U	2.5 U	2 U	0.5 U	5 U	5 U	2.5 U
7/10/2013	XX	BTXXXX97C	0.75 U	0.5 U	0.5 U	1 U	1 U	1 U		2.5 U	0.5 U	2.5 U	2 U	0.5 U	5 U	5 U	2.5 U
10/22/2013	XX	BTXXXX9B9	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/22/2013	XX	BTXXXX9BD	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U					50 U	
4/28/2014	XX	BTXXXX9DD	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
7/14/2014	XX	BTXXXX9FE	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
9/30/2014	XX	BTXXXX9HC	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/1/2014	XX	BTXXXX9HF	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U					50 U	
4/15/2015	XX	BTXXXXA37	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
7/20/2015	XX	BTXXXXA5B	1 U	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/18/2016	XX	BTXXXXADF	1 U	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U
10/18/2016	XX	BTXXXXADFSIM											0.05 U		0.05 U	0.25 U	0.05 U

SUMMARY REPORT

Leachate VOAs - Part 3 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Toluene	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetrahydrofuran	Trichlorofluoro methane	cis-1,2-Dichloroethene	Bromochlorome thane	1,2-Dibromoethane	1,1,1,2-Tetrachloroetha ne	1,2,3-Trichloropropan e	Acrylonitrile	1,2-Dibromo-3-Chloropropane
Date	Type	Sample ID	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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

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FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-3C)			Dibromomethane	1,4-Dichlorobenzene	1,2-Dichlorobenzene	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane									
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L									
LCS-3C																	
7/27/2011	XX	LTL3CX8E3	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U									
7/27/2011	XD	LTDP4X8F0	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U									
7/9/2012	XX	LTL3CX90D	10 U	10 U	10 U		10 U	10 U									
7/9/2012	XD	LTDP4X919	10 U	10 U	10 U		10 U	10 U									
7/8/2013	XX	LTL3CX96F	500 U	250 U	250 U		250 U										
7/15/2014	XX	LTL3CX9EJ	2 U	2	1 U		5 U	5 U									
7/21/2015	XX	LTL3CXA4G	2 U	6	1 U		5 U	5 U									
10/18/2016	XX	LTLCSXAD3	10 U	10 U	10 U	50 U	50 U	50 U									
LCS-SI																	
4/13/2011	XX	LTSC1X8A7	5 U	6.2 J	5 U		5 U	5 U									
4/10/2012	XX	LTSC1X8IA	5 U	6.4	5 U		5 U	5 U									
4/8/2013	XX	LTSC1X94F	1 U	4	1 U		1 U	1 U									
4/29/2014	XX	LTSC1X9CH	5 U	5 U	5 U		30 U	30 U									
4/15/2015	XX	LTSC1XA2C	10 U	10 U	10 U		50 U	50 U									
10/18/2016	XX	LTXXXXAE0	10 U	10 U	10 U	50 U	50 U	50 U									
PDPS																	
7/26/2000	XX	LTPDPX31I	2 U	8	2		2 U	2 U									
1/31/2001	XX	LTPDPX3B8	2 U	13	3		2 U	2 U									
7/18/2001	XX	LTPDPX3FD	2 U	9	3		2 U	2 U									
7/8/2002	XX	LTPDPX436	20 U	20 U	20 U		20 U	20 U									
7/22/2003	XX	LTPDPX4BH	2 U	7	2		2 U	2 U									
7/12/2004	XX	LTPDPX56C	2 U	6	2 U		2 U	2 U									
11/4/2004	XX	LTPDPX5A4	2 U	4	2 U	70	2 U	2 U									
7/12/2005	XX	LTPDPX5FC	20 U	20 U	20 U		20 U	20 U									
6/20/2006	XX	LTPDPX63C	2 U	7	1 J		2 U	2 U									
7/10/2007	XX	LTPDPX6BC	20 U	20 U	20 U		20 U	20 U									
7/23/2008	XX	LTPDPX71F	20 U	20 U	20 U		20 U	20 U									
7/21/2009	XX	LTPDPX797	5 U	3 J	5 U		5 U	5 U									
7/26/2010	XX	LTPDPX7IJ	5 U	5 U	5 U		5 U	5 U									
7/26/2011	XX	LTPDPX8E1	0.5 U	3.2	0.57 J		0.5 U	0.5 U									
7/9/2012	XX	LTPDPX90B	10 U	10 U	10 U		10 U	10 U									
7/10/2013	XX	LTPDPX96D	50 U	25 U	25 U		25 U										
7/15/2014	XX	LTPDPX9EH	2 U	3	1 U		5 U	5 U									
7/21/2015	XX	LTPDPXA4E	2 U	2	1 U		5 U	5 U									
10/18/2016	XX	LTPDPXAD2	10 U	10 U	10 U	50 U	50 U	50 U									
QCBT																	
7/5/2000	XX	BTXXXXHEB	2 U	2 U	2 U		2 U	2 U									
7/5/2000	XX	BTXXXX309	2 U	2 U	2 U		2 U	2 U									
9/13/2000	XX	BTXXXX345	2 U	2 U	2 U		2 U	2 U									
1/25/2001	XX	BTXXXX39J	2 U	2 U	2 U		2 U	2 U									
3/22/2001	XX	BTXXXX3C5	2 U	2 U	2 U		2 U	2 U									
7/11/2001	XX	BTXXXX3E2	2 U	2 U	2 U		2 U	2 U									
7/11/2001	XX	BTXXXX3E3	2 U	2 U	2 U		2 U	2 U									
9/12/2001	XX	BTXXXX3I3	2 U	2 U	2 U		2 U	2 U									
6/26/2002	XX	BTXXXX41E	2 U	2 U	2 U		2 U	2 U									
6/26/2002	XX	BTXXXX41F	2 U	2 U	2 U		2 U	2 U									

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FOR: Pinetree Landfill

SUMMARY REPORT

Leachate VOAs - Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)

Date	Type	Sample ID	Dibromomethane ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichlorobenzene ug/L	Diethyl ether ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
9/4/2002	XX	BTXXXX441	2 U	2 U	2 U		2 U	2 U
3/27/2003	XX	BTXXXX460	2 U	2 U	2 U		2 U	2 U
7/14/2003	XX	BTXXXX4A5	2 U	2 U	2 U		2 U	2 U
7/31/2003	XX	BTXXXX4A6	2 U	2 U	2 U		2 U	2 U
10/20/2003	XX	BTXXXX4CJ	2 U	2 U	2 U		2 U	2 U
10/20/2003	XX	BTXXXX4F0	2 U	2 U	2 U		2 U	2 U
10/20/2003	XX	BTXXXXHEG	2 U	2 U	2 U		2 U	2 U
10/20/2003	XX	BTXXXXHEE	2 U	2 U	2 U		2 U	2 U
10/20/2003	XX	BTXXXXHEF	2 U	2 U	2 U		2 U	2 U
4/19/2004	XX	BTXXXX4G1	2 U	2 U	2 U		2 U	2 U
4/19/2004	XX	BTXXXX4G3	2 U	2 U	2 U		2 U	2 U
7/12/2004	XX	BTXXXX552	2 U	2 U	2 U		2 U	2 U
10/4/2004	XX	BTXXXXHEJ	2 U	2 U	2 U		2 U	2 U
11/4/2004	XX	BTXXXX5A7	2 U	2 U	2 U	2 U	2 U	2 U
2/22/2005	XX	BTXXXX5B1	2 U	2 U	2 U		2 U	2 U
4/25/2005	XX	BTXXXX5ED	2 U	2 U	2 U		2 U	2 U
7/11/2005	XX	BTXXXX5GF	2 U	2 U	2 U		2 U	2 U
10/25/2005	XX	BTXXXX5J9	2 U	2 U	2 U		2 U	2 U
10/26/2005	XX	BTXXXX5JA	2 U	2 U	2 U		2 U	2 U
4/17/2006	XX	BTXXXX621	2 U	2 U	2 U		2 U	2 U
4/18/2006	XX	BTXXXX622	2 U	2 U	2 U		2 U	2 U
4/19/2006	XX	BTXXXX635	2 U	2 U	2 U		2 U	2 U
6/20/2006	XX	BTXXXX64F	2 U	2 U	2 U		2 U	2 U
6/21/2006	XX	BTXXXX65G	2 U	2 U	2 U		2 U	2 U
7/10/2007	XX	BTXXXX6CE	2 U	2 U	2 U		2 U	2 U
7/23/2008	XX	BTXXXX73G	2 U	2 U	2 U		2 U	2 U
7/21/2009	XX	BTXXXX7A9	1 U	1 U	1 U		1 U	1 U
7/26/2010	XX	BTXXXX800	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
4/13/2011	XX	BTXXXX8B3	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
7/26/2011	XX	BTXXXX8F4	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
7/27/2011	XX	BTXXXX8F5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
4/10/2012	XX	BTXXXX8J6	1 U	1 U	1 U		1 U	1 U
7/9/2012	XX	BTXXXX918	1 U	1 U	1 U		1 U	1 U
4/8/2013	XX	BTXXXX95B	1 U	1 U	1 U		1 U	1 U
7/8/2013	XX	BTXXXX97A	5 U	2.5 U	2.5 U		2.5 U	
7/10/2013	XX	BTXXXX97C	5 U	2.5 U	2.5 U		2.5 U	
10/22/2013	XX	BTXXXX9B9	2 U	1 U	1 U		5 U	5 U
10/22/2013	XX	BTXXXX9BD		1 U	1 U			
4/28/2014	XX	BTXXXX9DD	2 U	1 U	1 U		5 U	5 U
7/14/2014	XX	BTXXXX9FE	2 U	1 U	1 U		5 U	5 U
9/30/2014	XX	BTXXXX9HC	2 U	1 U	1 U		5 U	5 U
10/1/2014	XX	BTXXXX9HF		1 U	1 U			
4/15/2015	XX	BTXXXXA37	2 U	1 U	1 U		5 U	5 U
7/20/2015	XX	BTXXXXA5B	2 U	1 U	1 U		5 U	5 U
10/18/2016	XX	BTXXXXADF	2 U	1 U	1 U	5 U	5 U	5 U

SUMMARY REPORT

Leachate VOAs - Part 4 of 4

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)			Dibromomethane	1,4-Dichlorobenzene	1,2-Dichlorobenzene	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/22/2016 15:01

FOR: Pinetree Landfill

SUMMARY REPORT

Methane

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(509B)

Date	Type	Sample ID	Methane ug/L
509B			
4/11/2011	XX	GW509B899	114
7/27/2011	XX	GW509B8D5	15.2
4/10/2012	XX	GW509B8HC	50.7
7/10/2012	XX	GW509B8JF	80.1
4/9/2013	XX	GW509B93H	280
7/9/2013	XX	GW509B95H	125
4/29/2014	XX	GW509B9BJ	180
7/15/2014	XX	GW509B9E1	110
4/14/2015	XX	GW509BA1E	110
7/21/2015	XX	GW509BA3I	70
641			
4/29/2008	XX	GW641X708	1270
7/21/2008	XX	GW641X72J	1280
10/7/2008	XX	GW641X75B	1030
4/20/2009	XX	GW641X782	1210
7/20/2009	XX	GW641X7AB	650
10/20/2009	XX	GW641X7F7	410
3/29/2010	XX	GW641X7HJ	350
8/10/2010	XX	GW641X803RE	3290
10/5/2010	XX	GW641X82B	2310
4/13/2011	XX	GW641X89C	1330
7/26/2011	XX	GW641X8D8	2400
4/10/2012	XX	GW641X8HF	159
7/10/2012	XX	GW641X8JI	41.6
4/9/2013	XX	GW641X940	160
7/9/2013	XX	GW641X960	1040
4/30/2014	XX	GW641X9C2	1800
7/16/2014	XX	GW641X9E4	420
4/15/2015	XX	GW641XA1H	30
7/22/2015	XX	GW641XA41	20 U
10/19/2016	XX	GW641XAC9	20 U
DW04-109			
4/30/2008	XX	DW109X716	7320
7/21/2008	XX	DW109X740	5580
10/7/2008	XX	DW109X768	6650
4/22/2009	XX	DW109X78I	12700
7/21/2009	XX	DW109X7BA	11800
10/20/2009	XX	DW109X7G3	15000
3/31/2010	XX	DW109X7IC	441
8/10/2010	XX	DW109X812RE	3490
10/5/2010	XX	DW109X834	3590
4/11/2011	XX	DW109X8AJ	7590
7/25/2011	XX	DW109X8EF	6670
7/25/2011	XD	DWDP3X8EI	6200
10/18/2011	XX	DW109X8CH	6610
4/10/2012	XX	DW109X8J2	682
7/10/2012	XX	DW109X914	1830

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW04-109)

Date	Type	Sample ID	Methane ug/L
7/10/2012	XD	DWDP3X917	616
10/2/2012	XX	DW109X934	913
4/9/2013	XX	DW109X957	901
7/10/2013	XX	DW109X976	180
7/10/2013	XD	DWDP3X979	138
10/21/2013	XX	DW109X9B3	1140
4/29/2014	XX	DW109X9D9	830
7/14/2014	XX	DW109X9FA	740
7/14/2014	XD	DWDP3X9FD	550
9/29/2014	XX	DW109X9H7	110
4/13/2015	XX	DW109XA34	110
7/20/2015	XX	DW109XA57	190
7/20/2015	XD	DWDP3XA5A	220
10/19/2015	XX	DW109XA7B	300
4/25/2016	XX	DW109XA9C	20 U
10/17/2016	XX	DW109XADB	190

DW-103

4/28/2008	XX	DW103X710	191
7/21/2008	XX	DW103X73B	181
10/8/2008	XX	DW103X763	213
4/20/2009	XX	DW103X78E	326
7/20/2009	XX	DW103X7B3	241
10/20/2009	XX	DW103X7FJ	280
3/29/2010	XX	DW103X7IB	332 M8
8/10/2010	XX	DW103X80FRE	223
10/4/2010	XX	DW103X833	252
4/11/2011	XX	DW103X8AI	460
4/11/2011	XD	DWDP3X8B2	411
7/25/2011	XX	DW103X8EE	306
10/18/2011	XX	DW103X8CG	149
4/9/2012	XX	DW103X8J1	417
4/9/2012	XD	DWDP3X8J5	290
7/9/2012	XX	DW103X913	396
10/24/2012	XX	DW103X933	380
4/8/2013	XX	DW103X956	96.4
4/8/2013	XD	DWDP3X95A	261
7/8/2013	XX	DW103X975	373
10/21/2013	XX	DW103X9B2	318
10/21/2013	XD	DWDP3X9B6	6.6 U
4/28/2014	XX	DW103X9D8	130
4/28/2014	XD	DWDP3X9DC	130
7/14/2014	XX	DW103X9F9	90
9/29/2014	XX	DW103X9H6	130
4/13/2015	XX	DW103XA33	60
4/13/2015	XD	DWDP3XA36	70
7/20/2015	XX	DW103XA56	70
10/19/2015	XX	DW103XA7A	A
12/15/2015	XX	DW103XA7AX	50
4/25/2016	XX	DW103XA9B	40

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DW-103)			Methane ug/L
Date	Type	Sample ID	
4/25/2016	XD	DWDP3XA9E	50
10/17/2016	XX	DW103XADA	50
10/17/2016	XD	DWDP3XADD	60
DW-111			
4/29/2008	XX	DW111X719	68
4/29/2008	XD	DWDP5X715	67
7/21/2008	XX	DW111X73I	144
10/6/2008	XX	DW111X76B	189
4/21/2009	XX	DW111X790	385
7/21/2009	XX	DW111X7B9	112
10/19/2009	XX	DW111X7G5	33
3/31/2010	XX	DW111X7IE	14.5
8/10/2010	XX	DW111X811RE	10 U
10/5/2010	XX	DW111X836	1260
4/13/2011	XX	DW111X8B0	10 U
7/26/2011	XX	DW111X8EG	10 U
10/18/2011	XX	DW111X8CI	10 U
10/18/2011	XD	DWDP3X8D0	10 U
4/9/2012	XX	DW111X8J3	6.6 U
7/10/2012	XX	DW111X915	6.6 U
10/2/2012	XX	DW111X935	6.6 U
10/2/2012	XD	DWDP3X937	6.6 U
4/9/2013	XX	DW111X958	6.6 U
7/8/2013	XX	DW111X977	6.6 U
10/21/2013	XX	DW111X9B4	A
4/28/2014	XX	DW111X9DH	A
7/14/2014	XX	DW111X9FB	A
9/29/2014	XX	DW111X9H8	A
7/20/2015	XX	DW111XA58	!
LCS-3C			
7/27/2011	XX	LTL3CX8E3	4010
7/27/2011	XD	LTDP4X8F0	3880
7/9/2012	XX	LTL3CX90D	1990
7/9/2012	XD	LTDP4X919	1790
7/8/2013	XX	LTL3CX96F	5560
7/15/2014	XX	LTL3CX9EJ	1300
7/21/2015	XX	LTL3CXA4G	1400
10/18/2016	XX	LTLCSXAD3	700
LCS-6			
4/29/2008	XX	LTLC6X6J2	2570
7/23/2008	XX	LTLC6X71E	1210
10/8/2008	XX	LTLC6X745	2450
4/21/2009	XX	LTLC6X76G	2090
7/21/2009	XX	LTLC6X796	6040
10/21/2009	XX	LTLC6X7E1	3200
3/29/2010	XX	LTLC6X7GD	9550
8/10/2010	XX	LTLC6X7IIRE	3090
10/6/2010	XX	LTLC6X815	3450

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LCS-6)			Methane ug/L														
Date	Type	Sample ID															
7/26/2011	XX	LTLC6X8E2	1410														
7/10/2012	XX	LTLC6X90C	1930														
7/10/2013	XX	LTLC6X96E	776														
7/16/2014	XX	LTLC6X9EI	560														
7/21/2015	XX	LTLC6XA4F	790														
LCS-SI																	
4/13/2011	XX	LTSC1X8A7	8750														
4/10/2012	XX	LTSC1X8IA	7110														
4/8/2013	XX	LTSC1X94F	6500														
4/29/2014	XX	LTSC1X9CH	1500														
4/15/2015	XX	LTSC1XA2C	180														
10/18/2016	XX	LTXXXXAE0	60														
LCS-SII																	
4/13/2011	XX	LTSC2X8A8	1140														
4/10/2012	XX	LTSC2X8IB	2440														
4/8/2013	XX	LTSC2X94G	782														
4/29/2014	XX	LTSC2X9CI	490														
4/15/2015	XX	LTSC2XA2D	200														
MW02-801A																	
4/30/2008	XX	GW801A709	2450														
4/30/2008	XD	GWDP4X6JI	2300														
7/22/2008	XX	GW801A730	2190														
7/22/2008	XD	GWDP2X71D	2230														
10/8/2008	XX	GW801A75C	948														
10/8/2008	XD	GWDP4X751	1060														
4/22/2009	XX	GW801A783	2380														
4/22/2009	XD	GWDP4X77C	2320														
7/22/2009	XX	GW801A7AC	3030														
7/22/2009	XD	GWDP2X795	3470														
10/21/2009	XX	GW801A7F8	3400														
10/21/2009	XD	GWDP4X7EH	3600														
3/30/2010	XX	GW801A7I0	3230														
3/30/2010	XD	GWDP4X7H9	2820														
8/11/2010	XX	GW801A804RE	1110														
8/11/2010	XD	GWDP2X7IHRE	1160														
10/4/2010	XX	GW801A82C	104														
10/4/2010	XD	GWDP4X821	108														
4/11/2011	XX	GW801A89F	1040														
7/25/2011	XX	GW801A8DB	1830														
4/9/2012	XX	GW801A8HI	2050														
7/9/2012	XX	GW801A901	2110														
4/9/2013	XX	GW801A943	1950														
7/8/2013	XX	GW801A963	2510														
4/28/2014	XX	GW801A9C5	780														
7/14/2014	XX	GW801A9E7	1100														
4/13/2015	XX	GW801AA20	1000														
7/20/2015	XX	GW801AA44	710														
10/17/2016	XX	GW801AACC	730														

SUMMARY REPORT
Methane

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-802A) Methane ug/L

Date	Type	Sample ID	Methane ug/L
MW03-802A			
4/29/2008	XX	GW802A70A	6510
7/22/2008	XX	GW802A731	4720
10/6/2008	XX	GW802A75D	2930
4/21/2009	XX	GW802A784	3880
7/21/2009	XX	GW802A7AD	5250
10/19/2009	XX	GW802A7F9	5100
3/30/2010	XX	GW802A7I1	5680 M8
8/10/2010	XX	GW802A805RE	5530
10/4/2010	XX	GW802A82D	4560
4/11/2011	XX	GW802A89G	5510
4/11/2011	XD	GWDP1X89D	6120
7/26/2011	XX	GW802A8DC	9010
4/9/2012	XX	GW802A8HJ	4240
4/9/2012	XD	GWDP1X8HG	4820
7/9/2012	XX	GW802A902	4740
4/8/2013	XX	GW802A944	6890
4/8/2013	XD	GWDP1X941	6180
7/8/2013	XX	GW802A964	6760
7/8/2013	XD	GWDP4X97B	8700
4/28/2014	XX	GW802A9C6	3200
4/28/2014	XD	GWDP1X9C3	4900
7/14/2014	XX	GW802A9E8	3100
7/14/2014	XD	GWDP4X9FF	3500
4/13/2015	XX	GW802AA21	3000
4/13/2015	XD	GWDP1XA1I	2400
7/20/2015	XX	GW802AA45	420
7/20/2015	XD	GWDP4XA5C	480
10/17/2016	XX	GW802AACD	50
MW03-802B			
4/29/2008	XX	GW802B6JD	3780
7/22/2008	XX	GW802B725	3190
10/6/2008	XX	GW802B74G	2720
4/21/2009	XX	GW802B777	3920
7/21/2009	XX	GW802B79H	4670
10/19/2009	XX	GW802B7EC	3400
3/30/2010	XX	GW802B7H4	4390 M8
8/10/2010	XX	GW802B7J9RE	3260
10/4/2010	XX	GW802B81G	6740
4/11/2011	XX	GW802B8AE	6600
4/9/2012	XX	GW802B8IH	1760
4/8/2013	XX	GW802B952	4010
4/28/2014	XX	GW802B9D4	2000
4/13/2015	XX	GW802BA2J	710
4/25/2016	XX	GW802BA97	700
10/17/2016	XX	GW802BAD6	1300
MW03-803A			
4/29/2008	XX	GW803A6JE	539

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW03-803A)

Date	Type	Sample ID	Methane ug/L
7/22/2008	XX	GW803A726	2030
10/6/2008	XX	GW803A74H	1490
4/21/2009	XX	GW803A778	811
7/21/2009	XX	GW803A79I	2010
10/19/2009	XX	GW803A7ED	570
3/30/2010	XX	GW803A7H5	1240 M8
8/10/2010	XX	GW803A7JARE	912
10/4/2010	XX	GW803A81H	331
4/11/2011	XX	GW803A8AF	896
4/9/2012	XX	GW803A8II	438
4/8/2013	XX	GW803A953	251
4/28/2014	XX	GW803A9D5	140
4/13/2015	XX	GW803AA30	90
4/25/2016	XX	GW803AA98	90
7/27/2016	XX	GW803AABB	40
10/17/2016	XX	GW803AAD7	30

MW03-803B

4/29/2008	XX	GW803B6JF	5540
7/22/2008	XX	GW803B727	3330
10/6/2008	XX	GW803B74I	4080
10/6/2008	XD	GWDP2X744	5740
4/21/2009	XX	GW803B779	5260
7/21/2009	XX	GW803B79J	5970
10/19/2009	XX	GW803B7EE	830
3/30/2010	XX	GW803B7H6	7160 M8
8/10/2010	XX	GW803B7JBRE	3480
10/4/2010	XX	GW803B81I	1770
4/11/2011	XX	GW803B89H	4240
7/26/2011	XX	GW803B8DD	6490
4/9/2012	XX	GW803B8I0	2460
7/9/2012	XX	GW803B903	4710
4/8/2013	XX	GW803B945	5620
7/8/2013	XX	GW803B965	7100
4/28/2014	XX	GW803B9C7	4200
7/14/2014	XX	GW803B9E9	3800
4/13/2015	XX	GW803BA22	1300
7/20/2015	XX	GW803BA46	800
10/17/2016	XX	GW803BACE	250
10/17/2016	XD	GWDP1XACA	310

MW-906B

4/29/2008	XX	GW906B70D	20
7/22/2008	XX	GW906B734	7 U
10/6/2008	XX	GW906B75G	7 U
4/20/2009	XX	GW906B787	45
7/22/2009	XX	GW906B7AG	12
10/19/2009	XX	GW906B7FC	5.3 J
3/29/2010	XX	GW906B7I4	10 U
8/11/2010	XX	GW906B808RE	10 U

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-906B)

Date	Type	Sample ID	Methane ug/L
10/4/2010	XX	GW906B82G	10 U
4/11/2011	XX	GW906B89J	10 U
7/25/2011	XX	GW906B8DF	10 U
4/9/2012	XX	GW906B8I2	6.6 U
7/9/2012	XX	GW906B905	6.6 U
4/8/2013	XX	GW906B947	6.6 U
7/9/2013	XX	GW906B967	6.6 U
4/28/2014	XX	GW906B9C9	20 U
7/15/2014	XX	GW906B9EB	20 U
4/14/2015	XX	GW906BA24	20 U
7/21/2015	XX	GW906BA48	20 U

MW-916

Date	Type	Sample ID	Methane ug/L
4/30/2008	XX	GW916X70H	8360
7/21/2008	XX	GW916X738	6390
10/7/2008	XX	GW916X760	8800
4/20/2009	XX	GW916X78B	10100
7/21/2009	XX	GW916X7B0	708
10/20/2009	XX	GW916X7FG	5600
3/31/2010	XX	GW916X7I8	10 U
3/31/2010	XD	GWDP2X7GC	10 U
8/11/2010	XX	GW916X80CRE	10 U
10/5/2010	XX	GW916X830	2180
4/12/2011	XX	GW916X89A	179
7/26/2011	XX	GW916X8D6	502
4/10/2012	XX	GW916X8HD	600
7/10/2012	XX	GW916X8JG	138
4/8/2013	XX	GW916X93I	6.6 U
7/9/2013	XX	GW916X95I	89.6
4/29/2014	XX	GW916X9C0	530
7/15/2014	XX	GW916X9E2	170
4/29/2015	XX	GW916XA1F	20 U
7/21/2015	XX	GW916XA3J	140
10/18/2016	XX	GW916XAC7	20

MW-917

Date	Type	Sample ID	Methane ug/L
4/30/2008	XX	GW917X70I	5630
7/21/2008	XX	GW917X739	6920
10/7/2008	XX	GW917X761	6390
4/20/2009	XX	GW917X78C	5780
7/21/2009	XX	GW917X7B1	8160
10/20/2009	XX	GW917X7FH	9400
3/31/2010	XX	GW917X7I9	2720
8/11/2010	XX	GW917X80DRE	1860
10/5/2010	XX	GW917X831	3500
4/12/2011	XX	GW917X89I	2120
7/26/2011	XX	GW917X8DE	1020
4/10/2012	XX	GW917X8I1	630
7/10/2012	XX	GW917X904	677
4/8/2013	XX	GW917X946	535

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-917)

Date	Type	Sample ID	Methane ug/L
7/9/2013	XX	GW917X966	587
4/29/2014	XX	GW917X9C8	220
7/15/2014	XX	GW917X9EA	170
4/14/2015	XX	GW917XA23	130
7/21/2015	XX	GW917XA47	100
10/18/2016	XX	GW917XACF	20
PDPS			
4/30/2008	XX	LTPDPX6J3	2120
7/23/2008	XX	LTPDPX71F	1960
10/8/2008	XX	LTPDPX746	1590
4/22/2009	XX	LTPDPX76H	1850
7/21/2009	XX	LTPDPX797	1310
10/21/2009	XX	LTPDPX7E2	6100
3/30/2010	XX	LTPDPX7GE	4310
8/10/2010	XX	LTPDPX7IJRE	4640
10/6/2010	XX	LTPDPX816	1740
7/26/2011	XX	LTPDPX8E1	4200
7/9/2012	XX	LTPDPX90B	3390
7/10/2013	XX	LTPDPX96D	6960
7/15/2014	XX	LTPDPX9EH	340
7/21/2015	XX	LTPDPXA4E	290
10/18/2016	XX	LTPDPXAD2	290
QCBT			
4/28/2008	XX	BTXXXX705	7 U
4/29/2008	XX	BTXXXX706	7 U
4/30/2008	XX	BTXXXX717	7 U
7/21/2008	XX	BTXXXX72G	7 U
7/22/2008	XX	BTXXXX72H	7 U
7/23/2008	XX	BTXXXX73G	7 U
10/6/2008	XX	BTXXXX758	7 U
10/7/2008	XX	BTXXXX759	7 U
10/8/2008	XX	BTXXXX769	7 U
4/20/2009	XX	BTXXXX77J	7 U
4/21/2009	XX	BTXXXX780	7 U
4/22/2009	XX	BTXXXX78J	7 U
7/20/2009	XX	BTXXXX7A8	7 U
7/21/2009	XX	BTXXXX7A9	7 U
7/22/2009	XX	BTXXXX7B8	7 U
8/20/2009	XX	BTXXXX7CG	7 U
10/19/2009	XX	BTXXXX7F4	10 U
10/20/2009	XX	BTXXXX7F5	10 U
10/20/2009	XX	BTXXXXHG5	10 U
10/21/2009	XX	BTXXXX7G4	10 U
3/29/2010	XX	BTXXXX7HG	10 U
3/30/2010	XX	BTXXXX7HH	10 UM8
3/31/2010	XX	BTXXXX7ID	10 U
8/10/2010	XX	BTXXXX801RE	10 U
10/4/2010	XX	BTXXXX828	10 U

SUMMARY REPORT

Methane

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)

Date	Type	Sample ID	Methane ug/L
10/5/2010	XX	BTXXXX829	10 U
10/6/2010	XX	BTXXXX835	10 U
4/11/2011	XX	BTXXXXHG6	10 U
4/12/2011	XX	BTXXXXHG7	10 U
4/13/2011	XX	BTXXXX8B3	10 U
7/25/2011	XX	BTXXXX8EJ	10 U
7/26/2011	XX	BTXXXX8F4	10 U
7/27/2011	XX	BTXXXX8F5	10 U
10/18/2011	XX	BTXXXX8D1	10 U
4/9/2012	XX	BTXXXX8J8	6.6 U
4/10/2012	XX	BTXXXX8J6	6.6 U
7/9/2012	XX	BTXXXX918	6.6 U
7/10/2012	XX	BTXXXX91D	6.6 U
10/2/2012	XX	BTXXXX938	6.6 U
10/24/2012	XX	BTXXXX93D	6.6 U
4/8/2013	XX	BTXXXX95B	6.6 U
7/8/2013	XX	BTXXXX97A	6.6 U
7/10/2013	XX	BTXXXX97C	6.6 U
10/21/2013	XX	BTXXXX9BA	6.6 U
4/28/2014	XX	BTXXXX9DD	20 U
4/30/2014	XX	BTXXXX9DG	20 U
7/14/2014	XX	BTXXXX9FE	20 U
9/29/2014	XX	BTXXXX9HD	20 U
4/13/2015	XX	BTXXXXA39	20 U
4/15/2015	XX	BTXXXXA37	20 U
10/19/2015	XX	BTXXXXA7F	20 U
4/25/2016	XX	BTXXXXA9F	20 U
10/17/2016	XX	BTXXXXADE	20 U
10/18/2016	XX	BTXXXXADF	20 U
10/19/2016	XX	BTXXXXADG	20 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- A - The sampling location was Inaccessible
- J - Analyte was positively identified/Associated value is an estimate.
- M8 - Final laboratory CCV values for methane analysis failed low on this sample, therefore the methane value on this sample is considered to have a low bias.
- U - Not Detected above the reported sample detection limit.
- UM8 - Non detect. Final laboratory CCV values for methane analysis failed low on this sample, therefore the methane value on this sample is considered to have a low bias.

FALL 2016
FIELD DATA SHEETS

SME
Sevee & Maher Engineers, Inc.

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 160160.00 DATE: 10-19-16

SAMPLE LOCATION: 200

WEATHER: Sun 68°F

SAMPLE ID: GW200 X AC8

START TIME: 0750 END: 0855

(DUPS) — —

TRIP BLANK ID: See COC

WELL DEPTH: 20.20 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 13.40 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 16.6
TUBING DIAMETER 1.7 (ID)
SCREENED INTERVAL (TPVC) 11.6 TO 21.6

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 0800

PUMPING END TIME: 0845

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-19-16

SAMPLE LOCATION: 200

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:					E	YSI		002			
Model ID :				NA		*	See	cal.	sheet		
0		200	13.40								
5	1.0		13.42		1.6	7.9	630	12.1	0.2	-121	
10	2.0		13.44		1.3	7.4	632	12.0	0.2	-117	
15	3.0		13.45		1.0	7.3	632	12.1	0.2	-117	
18	3.6		13.45		0.7	7.3	633	12.1	0.1	-117	
21	4.2		13.45		0.5	7.2	633	12.2	0.1	-117	
24	4.8	200	13.45		0.3	7.2	633	12.2	0.1	-117	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 16016.00 DATE: 10-18-16

SAMPLE LOCATION: 509A WEATHER: cloudy 47°F

SAMPLE ID: START TIME: 857 END: 927

(DUPS) TRIP BLANK ID:

WELL DEPTH: 24.40 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 8.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
(X) OTHER:
PROTECTIVE CASING: (X) LOCKED
(X) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 23.30
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 19.40 TO 24.40

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 900 PUMPING END TIME: 924

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES: Short PVC

* Field readings only

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: 509A

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200		SET		A				
Model ID :			Heron	MA	ok	Ref	TO	Cal	STA		
0	0	1	8.90								
5	.8	150	9.20		17.0	7.1	1120	10.4		-85	
10	1.5		9.20		8.1	6.9	1217	10.3		-43	
15	2.3		9.20		6.1	6.8	1230	10.3		-33	
18	2.7		9.20		5.9	6.7	1236	10.3		-28	
21	3.2		9.20		4.9	6.7	1235	10.3		-27	
24	3.6	150	9.20		4.3	6.7	1234	10.3	0.71	-28	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 160160.00 DATE: 10-18-96

SAMPLE LOCATION: 509B

WEATHER: Cloudy 47°F

SAMPLE ID: GW 509B AC6

START TIME: 810 END: 855

(DUPS) ___ ___ ___

TRIP BLANK ID: See COC

WELL DEPTH: 17.77 FT
( ) TOP OF WELL ( ) TOP OF CASING
( ) MEASURED ( ) HISTORICAL

WATER DEPTH: 9.00 FT
( ) TOP OF WELL ( ) TOP OF CASING
( ) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: ( ) GOOD ( ) CRACKED
( ) OTHER: ___
PROTECTIVE CASING: ( ) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 16.70
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 12.75 TO 17.75

WELL: ( ) CAP ( ) NO CAP
WELL MATL: ( ) PVC ( ) SS ( ) OTHER: ___

PUMPING START TIME: 815

PUMPING END TIME: 852

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ___
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
( )	( )	DEDICATED SIL. TUBING
( )	( )	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

( ) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( ) ___

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: ___
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: ___

NOTES: Tall PVC

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

(page 2 of 2)

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: 509B

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:				200			SET	A				
Model ID :				Heron	NA	X	Ref	TO	Cal	SA		
	0	0	1	9.00								
20	5	0.8	150	9.00		6.9	7.8	1211	10.6		39	
25	10	1.5		9.00		4.7	7.0	1247	10.8		21	
30	15	2.3		9.00		2.3	6.8	1249	10.8		15	
33	18	2.7		9.00		2.1	6.7	1249	10.8		10	
36	21	3.2		9.00		1.9	6.7	1250	10.8		12	
39	24	3.6	150	9.00		1.9	6.7	1249	10.8	0.66	11	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 16016.00 DATE: 10-18-16

SAMPLE LOCATION: 516B-B WEATHER: Cloudy 53°F

SAMPLE ID: GW 516 B AC4 START TIME: 1057 END: 1145

(DUPS) TRIP BLANK ID: 30

WELL DEPTH: 43.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 14.00 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 42
TUBING DIAMETER 1.7 (ID)
SCREENED INTERVAL (TPVC) 37 TO 47

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1600 PUMPING END TIME: 1140

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES:

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: 516B-B

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200		K	SET	A				
Model ID :			solnist	NA	&	Ref	TO	cal	Stab		
0	0	1	14.00								
5	.5	100	14.78		6.4	7.1	1152	10.7		-75	
10	1.0		15.50		5.9	7.1	1143	10.8		-91	
15	1.5		16.28		5.4	7.1	1142	10.7		-98	
18	1.8		16.85		2.0	7.1	1141	10.7		-103	
21	2.1		17.18		1.9	7.1	1142	10.6		-105	
24	2.4	100	17.70		1.9	7.1	1141	10.7	0.57	-106	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-19-16

SAMPLE LOCATION: 641

WEATHER: Sun 69°F

SAMPLE ID: GW 641 X AC9

START TIME: 0910 END: 1010

(DUPS) ___ ___ ___ ___

TRIP BLANK ID: See COC

WELL DEPTH: 34.33 FT

(X) TOP OF WELL ( ) TOP OF CASING

(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 23.06 FT

(X) TOP OF WELL ( ) TOP OF CASING

(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:

SURFACE SEAL: (X) GOOD ( ) CRACKED

( ) OTHER: ___

PROTECTIVE CASING: (X) LOCKED

( ) NO LOCK

( ) SECURE

( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 16.6

TUBING DIAMETER 0.17 (ID)

SCREENED INTERVAL (TPVC) 11.6 TO 21.6

WELL: (X) CAP ( ) NO CAP

WELL MATL: (X) PVC ( ) SS ( ) OTHER: ___

PUMPING START TIME: 0920

PUMPING END TIME: 1005

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ___
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER

(X) TAP WATER

( ) NON-PHOSPHATE DETERGENT

( ) 10% NITRIC ACID

( ) HIGH-PRESSURE STEAM CLEAN

( ) ___

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na

AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES: ___

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-19-16

SAMPLE LOCATION: G41

ORP OFFSET: Ø mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200' Heron		E	Y	SI	002			
Model ID :				Na		★	see	cal. sheet			
0		150	23.06								
5			23.08		1.5	7.1	819	14.5	0.6	-78	
10			23.10		1.2	7.0	821	14.3	0.4	-81	
15			23.10		0.9	7.0	813	15.1	0.4	-83	
18			23.10		0.7	7.0	816	15.4	0.5	-86	
21			23.10		0.5	6.9	821	15.3	0.4	-86	
24		150	23.10		0.4	6.9	822	15.3	0.4	-86	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 1696.00 DATE: 10-18-16

SAMPLE LOCATION: MW-01-602B WEATHER: Cloudy 68°F

SAMPLE ID: No Sample Taken START TIME: 1000 END: 1100

(DUPS) — — TRIP BLANK ID: —

WELL DEPTH: 50.45 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 32.47 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 45.5
TUBING DIAMETER 1/4 (ID)
SCREENED INTERVAL (TPVC) 40.45 TO 50.45

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1015 PUMPING END TIME: 1045

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
( )	( )	DEDICATED SIL. TUBING
( )	( )	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

* Field Readings Only.

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: MW-01-6023

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			2001 Heron		E	YSI	001				
Model ID :				Na		See	Cal.		Sheet		
0		100	32.47								
5	0.5		32.48		1.5	7.2	663	9.6	0.1	-98	
10	1.0		32.50		1.2	7.0	661	9.6	0.1	-99	
15	1.5		32.50		1.0	6.9	660	9.5	0.1	-100	
18	1.8		32.50		0.8	6.8	660	9.5	0.1	-100	
21	2.1		32.50		0.6	6.8	660	9.5	0.1	-100	
24	2.4	100	32.50		0.3	6.8	660	9.5	0.1	-100	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW-02-801A WEATHER: Sun

SAMPLE ID: GW801AACC START TIME: 1145 END: 1235

(DUPS) — — — — TRIP BLANK ID: Seecoc

— — — —

WELL DEPTH: 60.88 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 28.40 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 55.85
TUBING DIAMETER 1/4 (ID)
SCREENED INTERVAL (TPVC) 50.85 TO 60.85

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1155 PUMPING END TIME: 1225

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: 500 mls

NOTES:

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW-02-801A

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			2001 Heron	/	E	YSI 002					
Model ID :				/ Na		☆ See cal. sheet					
0		100	28.40								
					☆ Grab Sample						
30	3.0	100	36.75	/	1.1	6.6	2876	14.0	0.3	-116	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW-02-801B

WEATHER: Sun 70°F

SAMPLE ID: No Sample Taken

START TIME: 1245 END: 1330

(DUPS) — —

TRIP BLANK ID: —

WELL DEPTH: 32.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 27.70 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 31.9
TUBING DIAMETER 1/4 (ID)
SCREENED INTERVAL (TPVC) 27.90 TO 32.90

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1300

PUMPING END TIME: 1324

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

☆ Field Readings Only.

SAMPLED BY: B.C.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTC

DATE: 10-17-16

SAMPLE LOCATION: MW-02-801B

ORP OFFSET: Ø mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			2001 Heron		E	YSI		002			
Model ID :				Na		See Cal. Sheet					
0		100	27.70								
5	1.0		27.78		2.8	6.9	2558	12.7	1.0	-25	
10	2.0		27.80		2.6	6.8	2622	12.8	0.8	-35	
15	3.0		27.82		2.2	6.8	2634	12.9	0.7	-46	
18	3.6		27.85		1.7	6.7	2712	12.9	0.5	-52	
21	4.2		27.85		1.5	6.7	2729	12.8	0.5	-56	
24	4.8	100	27.85		1.3	6.7	2732	12.8	0.5		

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW03-802A

WEATHER: Sunny 65°F

SAMPLE ID: GW 802A ACD

START TIME: 1405 END: 1500

(DUPS) ___ ___ ___ ___

TRIP BLANK ID: See COC

WELL DEPTH: 54.50 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 26.80 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER: ___
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 49.59
TUBING DIAMETER 1.17 (ID)
SCREENED INTERVAL (TPVC) 44.56 TO 54.56

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER: ___

PUMPING START TIME: 1410

PUMPING END TIME: 1445

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ___
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( ) ___

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: 150 mls
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: 200 mls

NOTES: ___

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW03-802A

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:		↓	200	/	←	SET	A	—	—	—	
Model ID :		↓	Solns	/ NA	←	REF	TO	Cal	SW		
0	0	1	26.80								
/	/	100	/								
/	/	/	/	←	Grab		Sample				
35	3.5	100	30.25	—	3.7	7.3	491	13.4	0.59	28	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW03-802B WEATHER: Sunny 65°F

SAMPLE ID: GW 802 B AD6 START TIME: 1300 END: 1400

(DUPS) TRIP BLANK ID: See COC

WELL DEPTH: 34.85 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 28.30 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 29.97
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 24.92 TO 34.92

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1305 PUMPING END TIME: 1350

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	( )	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

( ) DISTILLED/DEIONIZED WATER
(X) TAP WATER
(X) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES:

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW03-802B

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
	Unit ID Number:			200		KSET		A				
	Model ID :			solinst	NA	X	Ref	to	cal	STD		
	0	0	1	28.30								
10	5	.5	100	28.30		18.1	6.4	1515	14.4		-35	
15	10	1.0		28.30		10.9	6.3	1542	13.0		-44	
20	15	1.5		28.30		7.8	6.2	1567	12.8		-50	
23	18	1.8		28.30		6.4	6.2	1569	12.9		-51	
26	21	2.1		28.30		5.9	6.2	1589	12.6		-54	
29	24	2.4	100	28.30		6.1	6.2	1587	12.5	3.59	-54	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW03-803A

WEATHER: Sunny 45°F

SAMPLE ID: GW 803A ADM

START TIME: 810 END: 903

(DUPS)

TRIP BLANK ID: See COC

WELL DEPTH: 43.89 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 23.10 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 39.90
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 32.93 TO 43.93

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 815

PUMPING END TIME: 900

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES:

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

(page 2 of 2)

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW03-803A

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:				200		KSET		A				
Model ID :				Solnist	NA	*	REF	TO	Cal	STL		
	0	0	1	23.10								
20	5	.5	100	23.75		5.5	6.9	1436	10.6		141	
25	10	1.0		24.04		4.8	6.5	1441	10.6		145	
30	15	1.5		24.28		4.4	6.4	1442	10.6		147	
33	18	1.8		24.45		4.5	6.4	1449	10.6		149	
36	21	2.1		24.60		3.5	6.4	1450	10.6		150	
39	24	2.4	100	24.70		3.9	6.4	1455	10.6	1.76	150	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MWD3-803B

WEATHER: Sunny 56°F

SAMPLE ID: GW 803 BACE

START TIME: 905 END: 1010

(DUPS) GW DP1 X ACA

TRIP BLANK ID: See COC

WELL DEPTH: 30.00 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 24.20 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 26.01
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 20.01 TO 30.01

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 910

PUMPING END TIME: 1005

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

( ) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: /
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW03-803B

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			↓	200	↓	← SET		A	→	→	→	
Model ID :			↓	Solinst	NA	~~X~~	Ref	TD	Cal	STD		
	0	0	↓	24.20	↓					↓		
15	5	1.0	200	24.35	↓	6.3	6.3	1492	11.0	↓	16	
20	10	2.0	↓	24.54	↓	5.3	6.3	1492	11.0	↓	2	
25	15	3.0	↓	24.64	↓	5.7	6.3	1493	11.1	↓	-2	
28	18	3.6	↓	24.65	↓	5.3	6.3	1497	11.1	↓	-1	
31	21	4.2	↓	24.65	↓	5.2	6.3	1497	11.2	↓	-1	
34	24	4.8	200	24.65	↓	5.2	6.3	1497	11.2	2.14	-1	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW03-804A

WEATHER: Sunny 65°F

SAMPLE ID: ___ ___ ___ ___

START TIME: 1145 END: 1214

(DUPS) ___ ___ ___ ___

TRIP BLANK ID: ___ ___ ___ ___

WELL DEPTH: 54.47 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 20.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER: ___
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 50.55
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 34.54 TO 54.54

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER: ___

PUMPING START TIME: 1147 PUMPING END TIME: 1211

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ___
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( ) ___

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: /
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

Field readings only

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW03-804A

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:				200		← SET	A	→				
Model ID :				Solnst	NA	✓	Ref	To	Cal	STA		
	0	0		20.90								
52	5	1.0	200	21.43		3.5	6.8	1031	13.4		53	
57	10	2.0		21.58		2.4	6.6	1063	14.0		56	
02	15	3.0		21.59		1.7	6.6	1071	14.0		56	
05	18	3.6		21.59		1.8	6.6	1069	13.9		56	
08	21	4.2		21.59		1.6	6.6	1068	14.0		56	
11	24	4.8	200	21.59		1.4	6.6	1070	14.0	0.85	56	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: MW-906B

WEATHER: Sun 70°F

SAMPLE ID: GW 906B ACG

START TIME: 1415 END: 1525

(DUPS) — —

TRIP BLANK ID: see CoC

WELL DEPTH: 40.25 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 33.70 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 37.5
TUBING DIAMETER 1/4 (ID)
SCREENED INTERVAL (TPVC) 29.00 TO 40.20

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1430

PUMPING END TIME: 1515

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: B.G

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: MW-906B

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200' Heron		E	YSI	002				
Model ID :				Na		☆	see	cal.	sheet		
0		200	33.70								
5	1.0		34.21		1.6	7.3	436	10.2	0.9	117	
10	2.0		34.56		1.3	7.1	461	10.3	0.5	112	
15	3.0		34.68		0.9	7.1	465	10.3	0.4	108	
18	3.6		34.75		0.8	7.0	467	10.2	0.3	105	
21	4.2		34.75		0.6	7.0	468	10.2	0.3	102	
24	4.8	200	34.75		0.3	7.0	469	10.2	0.3	101	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC

PROJECT NO: 160161.00 DATE: 10-18-16

SAMPLE LOCATION: MW-916

WEATHER: Cloudy 68°F

SAMPLE ID: GW 916X AC7

START TIME: 1500 END: 1545

(DUPS) — —

TRIP BLANK ID: See COC

WELL DEPTH: 45.44 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 39.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 43.0
TUBING DIAMETER 1/4 (ID)
SCREENED INTERVAL (TPVC) 35.20 TO 45.44

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1515

PUMPING END TIME: 1530

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: MW-910

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			2001 Heron		E	X	SI	002			
Model ID :				N/A		☆	See Cal. Sheet				
0		200	39.90								
5	1.0		39.95		2.7	7.4	695	9.3	0.4	-39	
10	2.0		39.97		2.5	7.2	775	9.2	0.3	-45	
15	3.0		39.40		1.8	7.1	850	9.2	0.3	-54	
18	3.6		39.41		1.5	7.1	880	9.2	0.2	-55	
21	4.2		39.41		1.3	7.0	881	9.2	0.2	-56	
24	4.8	200	39.41		1.1	7.0	883	9.2	0.2	-57	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC

PROJECT NO: 16016.00 DATE: 10-18-16

SAMPLE LOCATION: MW-917

WEATHER: Cloudy 68°F

SAMPLE ID: GW 917 X ACF

START TIME: 1330 END: 1445

(DUPS) — —

TRIP BLANK ID: See CoC

WELL DEPTH: 63.70 FT

(X) TOP OF WELL ( ) TOP OF CASING

(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 37.50 FT

(X) TOP OF WELL ( ) TOP OF CASING

(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:

SURFACE SEAL: (X) GOOD ( ) CRACKED

( ) OTHER:

PROTECTIVE CASING: (X) LOCKED

( ) NO LOCK

( ) SECURE

( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 55.0

TUBING DIAMETER 1/4 (ID)

SCREENED INTERVAL (TPVC) 53.70 TO 63.70

WELL: (X) CAP ( ) NO CAP

WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1345

PUMPING END TIME: 1430

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
( )	( )	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
(X)	(X)	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER

( ) TAP WATER

( ) NON-PHOSPHATE DETERGENT

( ) 10% NITRIC ACID

( ) HIGH-PRESSURE STEAM CLEAN

( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na

AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

(page 2 of 2)

SITE: PTL

DATE: 10-18-16

SAMPLE LOCATION: MW-917

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200' Heron		E	YSI	002				
Model ID :				Na		☑	See Cal. Sheet				
0		200	37.50								
5	1.0		37.51		0.6	7.2	895	9.2	0.3	-72	
10	2.0		37.51		0.5	7.0	904	9.1	0.1	-90	
15	3.0		37.51		0.4	7.0	905	9.1	0.1	-91	
18	3.6		37.51		0.3	7.0	906	9.1	0.1	-94	
21	4.2		37.51		0.2	7.0	907	9.1	0.1	-96	
24	4.8	200	37.51		0.2	7.0	906	9.1	0.1	-98	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 160016.00 DATE: 10-19-16

SAMPLE LOCATION: MW-123

WEATHER: Sun 70°F

SAMPLE ID: GW123XACS

START TIME: 1020 END: 1120

(DUPS) —

TRIP BLANK ID: See COC

WELL DEPTH: 178.60 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 17.90 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 60.0
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) ____ TO 178.60

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1030

PUMPING END TIME: 1115

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ____
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( ) ____

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-19-16

SAMPLE LOCATION: MW-123

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200' Heron		E	YSI		002			
Model ID :				Na		☆	See	Cal.	Sheet		
0		200	17.90								
5	1.0		17.91		1.0	7.6	1049	11.4	0.6	-82	
10	2.0		17.91		0.8	7.4	844	11.4	0.4	-92	
15	3.0		17.91		0.6	7.3	800	11.5	0.3	-92	
18	3.6		17.91		0.4	7.2	788	11.5	0.3	-92	
21	4.2		17.91		0.3	7.2	785	11.5	0.3	-92	
24	4.8	200	17.91		0.2	7.2	780	11.5	0.3	-92	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 16016.00 DATE: 10-18-16

SAMPLE LOCATION: MW98-64A WEATHER: Cloudy 50°F

SAMPLE ID: START TIME: 940 END: 1012

(DUPS) TRIP BLANK ID:

WELL DEPTH: 28.58 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 10.28 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 26.10
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 23.60 TO 28.60

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 945 PUMPING END TIME: 1009

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES:

* Field Readings only

Close To road

SAMPLED BY: TAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL DATE: 10-18-16

SAMPLE LOCATION: MW98-601A ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:		↓	200	/	← SET	A	→				
Model ID :		↓	solinst	/ NA	or	REF	TO	Cal	STA		
0	0	/	10.28	/					/		
5	0.8	150	10.60	/	17.5	6.7	2333	13.6	/	25	
10	1.5	/	10.60	/	9.6	6.5	2354	13.7	/	25	
15	2.3	/	10.60	/	8.7	6.5	2364	13.6	/	26	
18	2.7	/	10.60	/	4.1	6.5	2370	13.5	/	26	
21	3.2		10.60	/	4.5	6.5	2368	13.6	/	26	
24	3.6	150	10.60	/	4.0	6.5	2371	13.5	2.87	26	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: FTL PROJECT NO: 16016.00 DATE: 10-18-16

SAMPLE LOCATION: MW98-601B WEATHER: Cloudy 50°F

SAMPLE ID: START TIME: 1015 END: 1047

(DUPS) TRIP BLANK ID:

WELL DEPTH: 15.07 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 10.25 FT
(X) TOP OF WELL ( ) TOP OF CASING
( ) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 12.1
TUBING DIAMETER 1.17 (ID)
SCREENED INTERVAL (TPVC) 9.60 TO 14.60

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1020 PUMPING END TIME: 1044

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES: Field readings only

SAMPLED BY: DAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL DATE: 10-18-16

SAMPLE LOCATION: MW98-601B ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			200			SET	A				
Model ID :			solnts	NA	K	RF	TO	(u)	SA		
0	0	1	10.25								
5	1.0	200	10.37		5.4	6.5	1680	14.7		-25	
10	2.0		10.38		4.1	6.5	1698	14.7		-28	
15	3.0		10.38		4.3	6.5	1697	14.7		-32	
18	3.6		10.38		4.0	6.5	1696	14.7		-34	
21	4.2		10.38		3.8	6.4	1698	14.7		-35	
24	4.8	200	10.38		3.8	6.4	1696	14.7	3.14	-35	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTC

PROJECT NO: 16016.00 DATE: 10-19-16

SAMPLE LOCATION: P-9113

WEATHER: Sun 72°F

SAMPLE ID: No Sample Taken

START TIME: 1145 END: 1245

(DUPS) ___ ___ ___ ___

TRIP BLANK ID: See COC

WELL DEPTH: 22.48 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 5.82 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER: ___
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 21.55
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) ___ TO 22.55

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER: ___

PUMPING START TIME: 1200

PUMPING END TIME: 1230

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D. ___
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
( ) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( ) ___

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM: Na
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION: /

NOTES:

☆ Field Readings Only.

SAMPLED BY: B.L.

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTC

DATE: 10-19-16

SAMPLE LOCATION: P-911B

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:			2001 Heron		E	YSI		Ood			
Model ID :				Na		☆	See cal. sheet				
0		100	5.82								
5	0.5		5.96		3.6	7.1	916	10.8	0.2	-78	
10	1.0		6.10		2.5	7.1	912	11.0	0.2	-78	
15	1.5		6.17		2.3	6.9	918	11.2	0.2	-79	
18	1.8		6.20		1.9	6.9	916	11.2	0.2	-78	
21	2.1		6.20		1.7	6.8	917	11.2	0.2	-79	
24	2.4	100	6.20		1.5	6.8	918	11.1	0.2	-78	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL

PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: 914-A

WEATHER: sunny 62°F

SAMPLE ID: GW 914 A ACH

START TIME: 1025 END: 1107

(DUPS)

TRIP BLANK ID: —

WELL DEPTH: 12.22* FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 10.00 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 39
TUBING DIAMETER .17 (ID)
SCREENED INTERVAL (TPVC) 37 TO 42

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1030

PUMPING END TIME: 1104

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
(X)	(X)	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
(X)	(X)	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES: * obstruction water level stoped ~~that~~ 12.22

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: P-914A

ORP OFFSET: 0 mV

	Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:				150		← SET		A	→			
Model ID :				Heron	/NA	V	REF	TO	cal	STM		
	0	0		10.00								
35	5	.8	150	10.50		2.6	7.0	844	10.7		-107	
40	10	1.5		10.53		2.4	6.9	865	11.0		-92	
45	15	2.3		10.55		2.6	6.9	866	11.1		-80	
48	18	2.7		10.55		2.4	6.9	855	11.0		-65	
51	21	3.2		10.55		2.6	6.8	848	11.0		-65	
54	24	3.6	150	10.55		2.7	6.8	847	11.0	0.43	-67	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
PRIVATE WELL

SITE ID: PTL
SAMPLE DATE: 10-17-16
SAMPLE LOCATION: DW-04-109
SAMPLE TIME: 1400
SAMPLE ID: DW-109-X-ADB
SAMPLER: B.L.

MAILING ADDRESS: Old Cold Brook Rd
ZIP CODE
PROPERTY ADDRESS:
TAX MAP: LOT NO.:

SAMPLE APPEARANCE/ODOR Clear
TEMPERATURE 12.8 C
pH 8.9
Turbidity 3.1
CONDUCTIVITY 260 µmhos/cm
E_H 28 mV
DISS. OX. 1.6 mg/L
E_H OFFSET 0 mV

INSTRUMENTS CALIBRATED (date) 10-17-16
DUPLICATE SAMPLE COLLECTED (Y/N) Na IF YES, SAMPLE ID —
SAMPLE BOTTLES FILLED (ID) (SEE COC)

WELL DESCRIPTION:

W.L. 35.31

NOTES:
TOTAL ALKALINITY Na
PURGE RATE Na
PURGE TIME Na

SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
PRIVATE WELL

SITE ID: PTC
SAMPLE DATE: 10-17-16
SAMPLE LOCATION: DW-103 (walker)
SAMPLE TIME: 1100
SAMPLE ID: DW-103-X-ADA
SAMPLER: BL.

MAILING ADDRESS: 5 Old Cold Brook R
ZIP CODE
PROPERTY ADDRESS:
TAX MAP: LOT NO.:

SAMPLE APPEARANCE/ODOR Clear
TEMPERATURE 12.7 C
pH 8.1
Turbidity 0.8
CONDUCTIVITY 477 µmhos/cm
E_H -107 mV
DISS. OX. 1.2 mg/L
E_H OFFSET 0 mV

INSTRUMENTS CALIBRATED (date) 10-17-16
DUPLICATE SAMPLE COLLECTED (Y/N) Yes IF YES, SAMPLE ID DW-DP3-X-ADD
SAMPLE BOTTLES FILLED (ID) (SEE COC)

WELL DESCRIPTION:
* Sample Taken at kitchen Faucet.

NOTES:
TOTAL ALKALINITY Na
PURGE RATE 15 min.
PURGE TIME 2.0

MONITORING WELL SAMPLE PURGING FORM

SITE: PTL PROJECT NO: 16016.00 DATE: 10-17-16

SAMPLE LOCATION: 914-B WEATHER: Sunny 62°F

SAMPLE ID: START TIME: 1110 END: 1135

(DUPS) TRIP BLANK ID:

WELL DEPTH: 18.30 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

WATER DEPTH: 9.15 FT
(X) TOP OF WELL ( ) TOP OF CASING
(X) MEASURED ( ) HISTORICAL

CONDITION OF WELL:
SURFACE SEAL: (X) GOOD ( ) CRACKED
( ) OTHER:
PROTECTIVE CASING: (X) LOCKED
( ) NO LOCK
( ) SECURE
( ) NEEDS REPAIR (ABLE TO MOVE)

TUBING INLET (TPVC) 17
TUBING DIAMETER 1/2 (ID)
SCREENED INTERVAL (TPVC) 16 TO 15

WELL: (X) CAP ( ) NO CAP
WELL MATL: (X) PVC ( ) SS ( ) OTHER:

PUMPING START TIME: 1112 PUMPING END TIME: 1132

EQUIPMENT DECONTAMINATION

PURGING	SAMPLING	
( )	( )	PERISTALTIC PUMP ISCO
(X)	(X)	PERISTALTIC PUMP GEOTECH
( )	( )	SUBMERSIBLE PUMP
( )	( )	BLADDER PUMP
( )	( )	AIR LIFT PUMP
( )	( )	BAILER I.D.
( )	( )	LDPE/SILICON TUBING
( )	( )	TEFLON/SILICON TUBING
( )	( )	IN-LINE FILTER
(X)	(X)	DEDICATED SIL. TUBING
(X)	(X)	DEDICATED POLY. TUBING

DECONTAMINATION FLUIDS USED

(X) DISTILLED/DEIONIZED WATER
(X) TAP WATER
( ) NON-PHOSPHATE DETERGENT
( ) 10% NITRIC ACID
( ) HIGH-PRESSURE STEAM CLEAN
( )

AMOUNT OF WATER CONTAINED IN DEDICATED SYSTEM:
AMOUNT OF WATER PURGED PRIOR TO GRAB SAMPLE COLLECTION:

NOTES:

* Field readings only

SAMPLED BY: PAS

MONITORING WELL SAMPLE PURGING FORM - PART II

SITE: PTL

DATE: 10-17-16

SAMPLE LOCATION: P-914B

ORP OFFSET: 0 mV

Elapsed Time (min)	Liters Pumped	Flow Rate (ml/min)	WL TPVC (ft)	WL Top of Casing (ft)	Turb (1)	pH (2)	Spec Cond (3)	Temp °C (4)	DO (5)	ORP (6)	Comments
Unit ID Number:		↓	150	/	←	SET	A	→			
Model ID :		↓	Heron	/ NA	✗	RCF	TO	Cal	STA		
0	0	1	9.15								
		100									
				✗	Grab		Sample				
20	2.0	100	15.00	/	5.4	6.6	772	11.9	0.59	28	

NOTES:

(1) TURBIDITY (NTU)
(2) pH (STD UNITS)
(3) SPECIFIC CONDUCTANCE (umhos/cm @25C)
(4) TEMPERATURE (C)
(5) DISSOLVED OXYGEN (ppm)
(6) UNADJUSTED OXIDATION REDUCTION POTENTIAL (+- mV)

SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER/LEACHATE

SITE ID: PTL
SAMPLE DATE: 10-18-16
SAMPLE LOCATION: LCS-3C
SAMPLE TIME: 1320

SAMPLE ID LT-LCS-X-AD3
WATER BODY/STRUCTURE SAMPLED Pumphouse
SAMPLE COLLECTION METHOD Grab
DEPTH @ SAMPLE SITE spink.4
DEPTH OF SAMPLE ↓
DECON (Y/N) lab bottles
FLOW RATE/VELOCITY

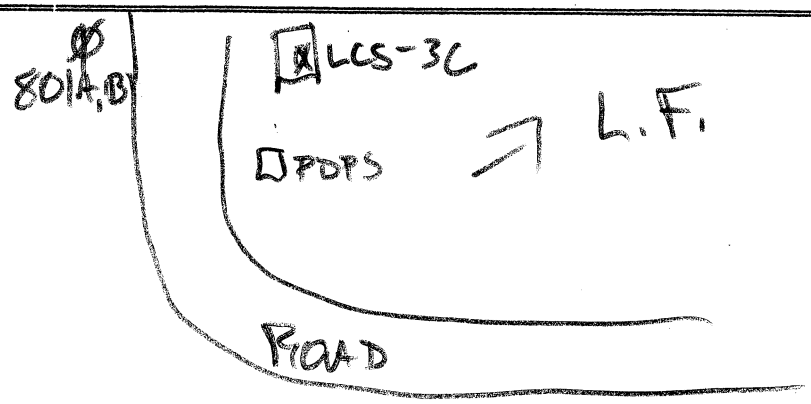
SAMPLE APPEARANCE/ODOR Black, ODER
TEMPERATURE 17.7C
pH 6.5
CONDUCTIVITY 40,100 µmhos/cm
E_H 15 mV
DISS. OX. Color out of range mg/L
E_H OFFSET 0 mV
TURBIDITY 2.6 NTU

INSTRUMENTS CALIBRATED (date) 10-18-16
DUPLICATE SAMPLE COLLECTED (Y/N) NO IF YES, SAMPLE ID
SAMPLE BOTTLES FILLED (ID) (SEE COC)

NOTES:

SAMPLER:

LOCATION SKETCH



SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER/LEACHATE

SITE ID: PTL
SAMPLE DATE: 10-18-16
SAMPLE LOCATION: LSC-SI
SAMPLE TIME: 1500

SAMPLE ID LT-XXX-X-AEO
WATER BODY/STRUCTURE SAMPLED Manhole
SAMPLE COLLECTION METHOD Geotech
DEPTH @ SAMPLE SITE ↓
DEPTH OF SAMPLE ↓
DECON (Y/N) lab bottles
FLOW RATE/VELOCITY Still H_2O

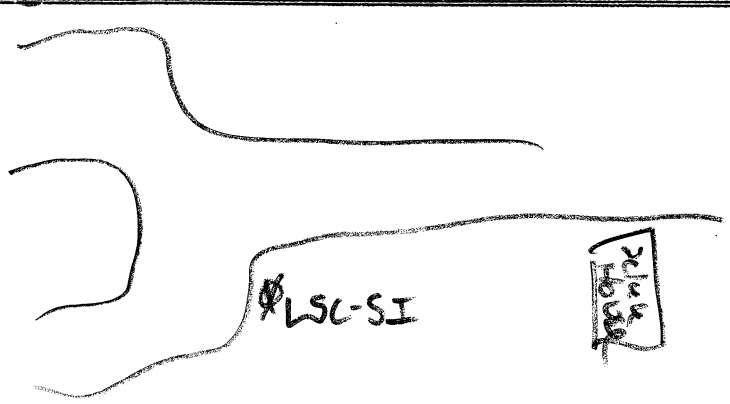
SAMPLE APPEARANCE/ODOR Dark Brown, ODER
TEMPERATURE 15.5 C
pH 6.7
CONDUCTIVITY 15,120 µmhos/cm
E_H -66 mV
DISS. OX* See below mg/L
E_H OFFSET Ø mV
TURBIDITY 0.6 NTU

INSTRUMENTS CALIBRATED (date) 10-18-16
DUPLICATE SAMPLE COLLECTED (Y/N) NO IF YES, SAMPLE ID —
SAMPLE BOTTLES FILLED (ID) (SEE COC)

NOTES: * Color to Absure to get proper Reading

SAMPLER: PAS

LOCATION SKETCH



SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER/LEACHATE

SITE ID: PTL
SAMPLE DATE: 10-18-16
SAMPLE LOCATION: PDPS
SAMPLE TIME: 1400

SAMPLE ID LT-PDP-X-AD2
WATER BODY/STRUCTURE SAMPLED Manhole
SAMPLE COLLECTION METHOD Geotech
DEPTH @ SAMPLE SITE
DEPTH OF SAMPLE
DECON (Y/N) lab bottles
FLOW RATE/VELOCITY

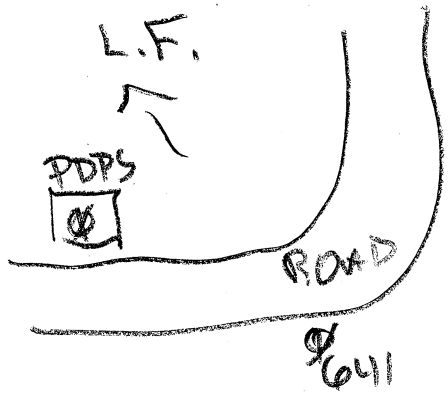
SAMPLE APPEARANCE/ODOR Dark Brown, ODER
TEMPERATURE 18.3 C
pH 6.5
CONDUCTIVITY 9100 µmhos/cm
E_H 33 mV
DISS. OX. 1.0 mg/L
E_H OFFSET 0 mV
TURBIDITY 6.6 NTU

INSTRUMENTS CALIBRATED (date) 10-18-16
DUPLICATE SAMPLE COLLECTED (Y/N) NO IF YES, SAMPLE ID
SAMPLE BOTTLES FILLED (ID) (SEE COC)

NOTES:

SAMPLER:

LOCATION SKETCH



SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER

SITE ID: PTL

SAMPLE DATE / TIME: 10-18-16/0800

SAMPLE LOCATION: SW-A

SAMPLER: B.L

SAMPLE ID SW-XXA-X-ACI

WATER BODY SAMPLED Sow River

SAMPLE COLLECTION METHOD Grab

DEPTH @ SAMPLE SITE 4"

DEPTH OF SAMPLE 1"

DECON (Y/N) Lab Bottles

FLOW RATE/VELOCITY Slow

SAMPLE APPEARANCE/ODOR Clear

TEMPERATURE 10.3 C

E_H 126 mV

CONDUCTIVITY 180 µmhos/cm

E_H OFFSET 0 mV

DISS. OX. 4.6 mg/L

PHENOLTHALIEN ALKALINITY Na (# of drops) x ___ (mg/L per drop) = ___ mg/L

TURBIDITY 1.8 NTU

TOTAL ALKALINITY Na (# of drops) x ___ (mg/L per drop) = ___ mg/L

pH 8.3

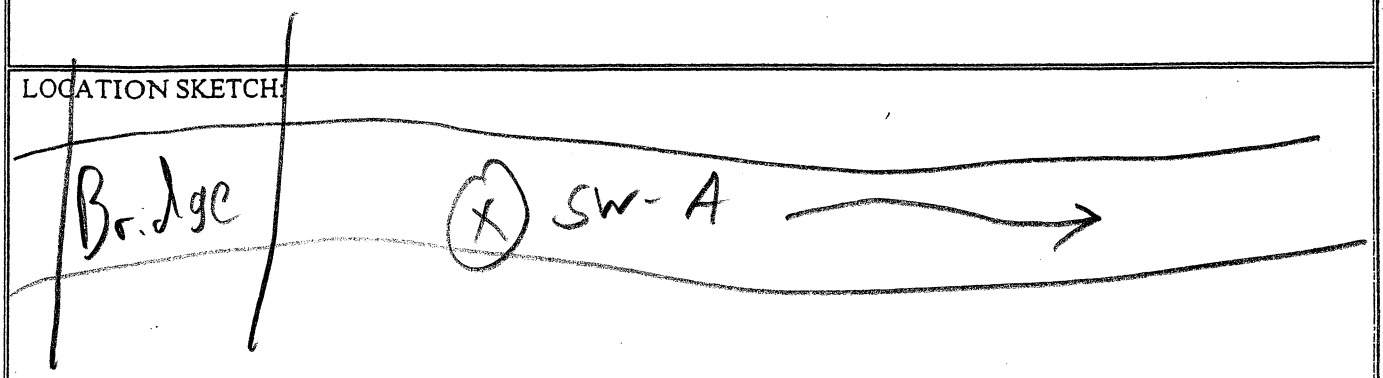
INSTRUMENTS CALIBRATED (date) 10-18-16

DUPLICATE SAMPLE COLLECTED (Y/N) Na IF YES, SAMPLE ID —

SAMPLE BOTTLES FILLED (ID) — (SEE COC)

NOTES:

LOCATION SKETCH:



SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER

SITE ID: PTC
SAMPLE DATE / TIME: 10-18-16/0930
SAMPLE LOCATION: SW-C
SAMPLER: B.L.

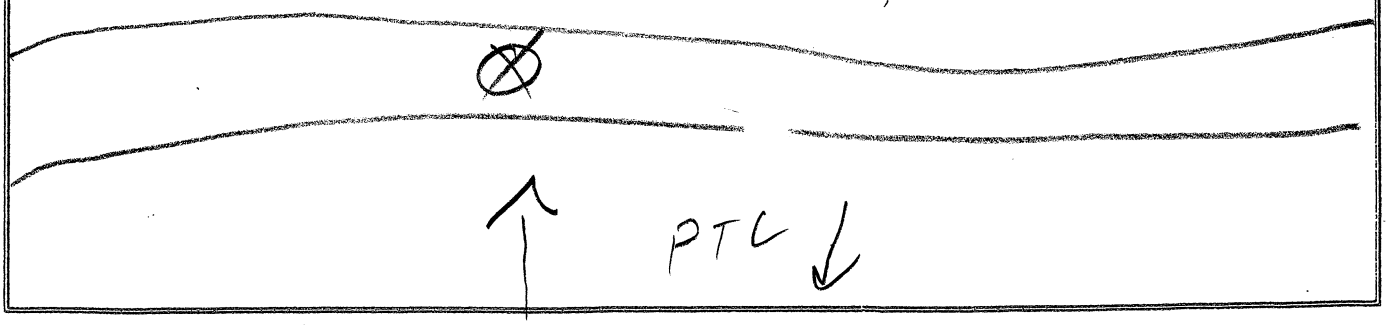
SAMPLE ID SW-XXC-X-ACJ
WATER BODY SAMPLED Sow River
SAMPLE COLLECTION METHOD Grab
DEPTH @ SAMPLE SITE 5"
DEPTH OF SAMPLE 1"
DECON (Y/N) Lab Bottles
FLOW RATE/VELOCITY Slow

SAMPLE APPEARANCE/ODOR Clear
TEMPERATURE 10.1 C
E_H 140 mV
CONDUCTIVITY 200 µmhos/cm
E_H OFFSET 0 mV
DISS. OX. 6.8 mg/L
PHENOLTHALIEN ALKALINITY N/A (# of drops) x — (mg/L per drop) = — mg/L
TURBIDITY 2.2 NTU
pH 8.3
TOTAL ALKALINITY N/A (# of drops) x — (mg/L per drop) = — mg/L

INSTRUMENTS CALIBRATED (date) 10-18-16
DUPLICATE SAMPLE COLLECTED (Y/N) N/A IF YES, SAMPLE ID —
SAMPLE BOTTLES FILLED (ID) — (SEE COC)

NOTES:

LOCATION SKETCH:



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January 31, 2000

SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER

SITE ID: PTL

SAMPLE DATE / TIME: 10-17-16 / 0830

SAMPLE LOCATION: SW-D

SAMPLER: B.L.

SAMPLE ID SW-XXD-X-ADO

WATER BODY SAMPLED Stream

SAMPLE COLLECTION METHOD Grab

DEPTH @ SAMPLE SITE 3"

DEPTH OF SAMPLE 1"

DECON (Y/N) Lab Bottles

FLOW RATE/VELOCITY Slow

SAMPLE APPEARANCE/ODOR Clear

TEMPERATURE 9.8 C

E_H 80 mV

CONDUCTIVITY 890 µmhos/cm

E_H OFFSET 0 mV

DISS. OX. 5.1 mg/L

PHENOLTHALIEN ALKALINITY Na (# of drops) x — (mg/L per drop) = — mg/L

TURBIDITY 2.1 NTU

TOTAL ALKALINITY Na (# of drops) x — (mg/L per drop) = — mg/L

pH 7.5

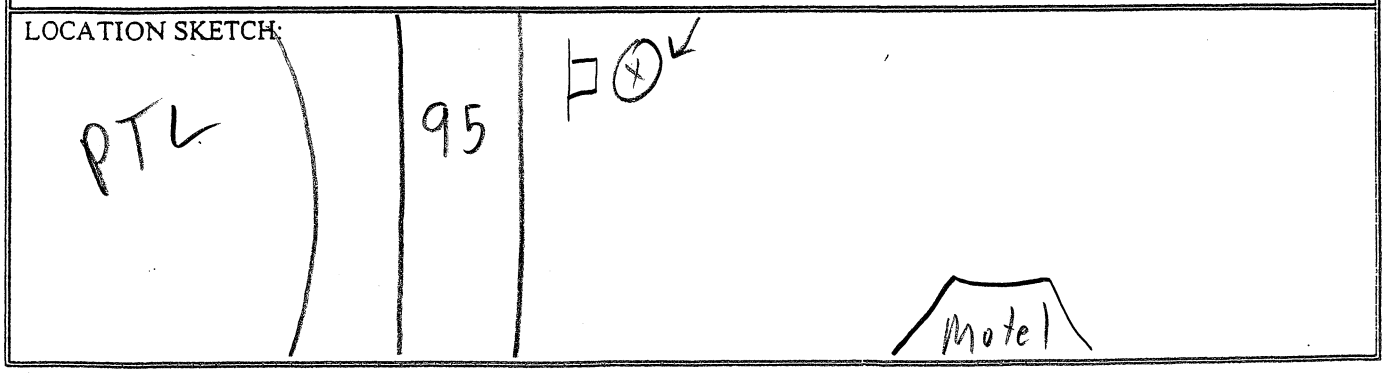
INSTRUMENTS CALIBRATED (date) 10-18-16

DUPLICATE SAMPLE COLLECTED (Y/N) Yes IF YES, SAMPLE ID SW-DP2-X-ACB

SAMPLE BOTTLES FILLED (ID) — 7 (SEE COC)

NOTES:

LOCATION SKETCH:



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January 31, 2000

SEVEE & MAHER ENGINEERS, INC.
SAMPLE DATA RECORD
SURFACE WATER

SITE ID: PTL

SAMPLE DATE / TIME: 10-17-16 / 0900

SAMPLE LOCATION: SW-E

SAMPLER: B.L. 8 Dam

SAMPLE ID SW-XXE-X-AD1

WATER BODY SAMPLED Stream

SAMPLE COLLECTION METHOD Grab

DEPTH @ SAMPLE SITE 2"

DEPTH OF SAMPLE 1"

DECON (Y/N) Lab Bottles

FLOW RATE/VELOCITY Slow

SAMPLE APPEARANCE/ODOR Clear

TEMPERATURE 9.6 C

E_H 127 mV

CONDUCTIVITY 721 µmhos/cm

E_H OFFSET 0 mV

DISS. OX. 8.6 mg/L

PHENOLTHALIEN ALKALINITY Na (# of drops) x ___ (mg/L per drop) = ___ mg/L

TURBIDITY 2.2 NTU

TOTAL ALKALINITY Na (# of drops) x ___ (mg/L per drop) = ___ mg/L

pH 7.8

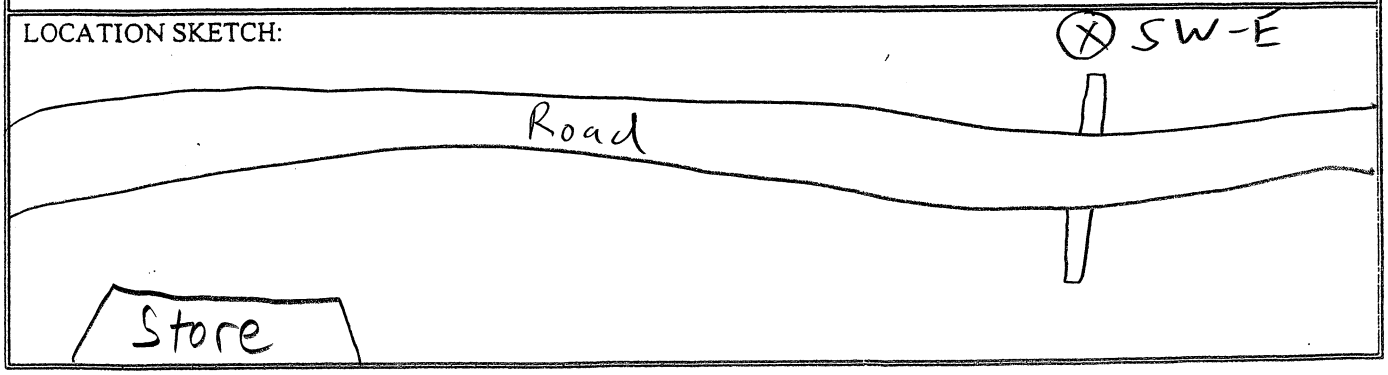
INSTRUMENTS CALIBRATED (date) 10-17-16

DUPLICATE SAMPLE COLLECTED (Y/N) Na IF YES, SAMPLE ID —

SAMPLE BOTTLES FILLED (ID) — (SEE COC)

NOTES:

LOCATION SKETCH:



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January 31, 2000

FIELD INSTRUMENT CALIBRATION
DAILY OPERATING LOG

CLIENT:

DATE/TIME: 10-17-16 8:00

PROJECT SITE: PTL

JOB NUMBER: 16016.00

Meter Set	INSTRUMENT	MODEL ID NUMBER	UNIT ID NUMBER	STANDARD(S) USED FOR CALIBRATION*1	WAS CALIBRATION SUCCESSFULLY COMPLETED? (IF YES, PLACE ✔ IN APPROPRIATE AREA) (For ORP, Place Results Of Calibration In Appropriate Box)		MIDDAY STANDARD(S) CHECK*1 (Check off Appropriate Standard if Meter is in Calibration		OPERATOR INITIALS
							Standard	Reading	
A	pH	YSI PRO PLUS	SME001	4.01 7.00 ___	4 ✓ reading 4.00 7 ✓ reading 7.00 10___ reading___		___ 7.00 ___	___ 7.02 ___	PS
	Specific Conductivity	YSI PRO PLUS	SME001	1413 Microsiemens	✓ reading 1413		1413 Microsiemens	1413	
	DO	YSI PRO PLUS	SME001	✓ 100% ✓ ZERO	✓ 100% reading 100.9 ✓ ZERO reading 0.07		100%	100.5	
	ORP	YSI PRO PLUS	SME001	240 Mv ORP Solution	✓ 240 Mv	Reading 240	240 Mv ORP	240	
	Turbidity	~~LaMotte 2020we~~ HACH	Box: SME001	✓ 1.0 NTU ✓ 10 NTU	1.0 reading	10.0 reading	✓ 1 NTU ___10 NTU	✓ 1 NTU ___10 NTU	
B	pH	YSI PRO PLUS	SME002	4.01 7.00 ___	4 ✓ reading 4.01 7 ✓ reading 7.00 10___ reading___		___ 7.00 ___	___ 7.00 ___	BL
	Specific Conductivity	YSI PRO PLUS	SME002	445 Microsiemens	✓ reading 444		445 Microsiemens	445	
	DO	YSI PRO PLUS	SME002	✓ 100% ___ ZERO	✓ 100% reading 99.1 ✓ ZERO reading 0.10		100%	100.5	
	ORP	YSI PRO PLUS	SME002	240 Mv ORP Solution	✓ 240 Mv	Reading 240	240 Mv ORP	240	
	Turbidity	~~LaMotte 2020we~~ HACH	Box: SME002	✓ 1.0 NTU ✓ 10 NTU	1.0 reading	10.0 reading	✓ 1 NTU ___10 NTU	✓ 1 NTU ___10 NTU	

*1 Calibration of meters is completed once daily before work starts – a standards check for pH, conductivity and turbidity should be completed midway through each day or if a particular field value falls outside of historic ranges.

ADDITIONAL NOTES:

FIELD INSTRUMENT CALIBRATION
DAILY OPERATING LOG

CLIENT:

DATE/TIME: 10-18-16 630

PROJECT SITE: FTL

JOB NUMBER: 16016.00

Meter Set	INSTRUMENT	MODEL ID NUMBER	UNIT ID NUMBER	STANDARD(S) USED FOR CALIBRATION*1	WAS CALIBRATION SUCCESSFULLY COMPLETED? (IF YES, PLACE ✔ IN APPROPRIATE AREA) (For ORP, Place Results Of Calibration In Appropriate Box)		MIDDAY STANDARD(S) CHECK*1 (Check off Appropriate Standard if Meter is in Calibration		OPERATOR INITIALS
							Standard	Reading	
A	pH	YSI PRO PLUS	SME001	4.01 7.00 ___	4 ✔ reading 4.02 7 ✔ reading 7.00 10 ___ reading ___		7.00	7.00	PS
	Specific Conductivity	YSI PRO PLUS	SME001	1413 Microsiemens	✔ reading 1411		1413 Microsiemens	1413	
	DO	YSI PRO PLUS	SME001	✔ 100% ✔ ZERO	✔ 100% reading 100.3 ✔ ZERO reading 0.05		100%	100.5	
	ORP	YSI PRO PLUS	SME001	240 Mv ORP Solution	✔ 240 Mv	Reading 240.3	240 Mv ORP	240	
	Turbidity	~~LaMotte 2020we~~ HACH	Box: SME001	✔ 1.0 NTU ✔ 10 NTU	1.0 reading	100 reading	✔ 1 NTU ✔ 10 NTU	✔ 1 NTU ✔ 10 NTU	
B	pH	YSI PRO PLUS	SME002	4.01 7.00 ___	4 ✔ reading 4.00 7 ✔ reading 7.00 10 ___ reading ___		7.00	7.05	BL
	Specific Conductivity	YSI PRO PLUS	SME002	445 Microsiemens	445 reading 445		445 Microsiemens	443	
	DO	YSI PRO PLUS	SME002	✔ 100% ✔ ZERO	✔ 100% reading 98.9 ✔ ZERO reading 0.10		100%	99.3	
	ORP	YSI PRO PLUS	SME002	240 Mv ORP Solution	✔ 240 Mv	Reading 240.1	240 Mv ORP	240	
	Turbidity	~~LaMotte 2020we~~ HACH	Box: SME002	✔ 1.0 NTU ✔ 10 NTU	1.0 reading	100 reading	✔ 1 NTU ___ 10 NTU	✔ 1 NTU ___ 10 NTU	

*1 Calibration of meters is completed once daily before work starts – a standards check for pH, conductivity and turbidity should be completed midway through each day or if a particular field value falls outside of historic ranges.

ADDITIONAL NOTES:

FIELD INSTRUMENT CALIBRATION
DAILY OPERATING LOG

CLIENT:

DATE/TIME: 10-18-16 645

PROJECT SITE: PTL

JOB NUMBER: 16016.00

Meter Set	INSTRUMENT	MODEL ID NUMBER	UNIT ID NUMBER	UNITS OF MEASURE	STANDARD(S) USED IN CALIBRATION	CALIBRATION OR OFFSET CALCULATED	OPERATOR INITIALS
A	pH	Cole Palmer Acorn pH 6	Box: 1A	pH	4.0 7.0	NA	PS
	Specific Conductivity	Cole Palmer Acorn Con 5	Box: 1	Microsiemens	1413	NA	↓
	Turbidity	LaMotte 2020 Turb.Meter	Box: E	NTU	1.0 10.0	NA	
	ORP	Cole Palmer pH Series 20	Probe: Box: 3	240 mV	~~4~~ ~~7~~ 240 ~~Quinhydrone~~	~~0~~	
B	pH	Cole Palmer Acorn pH 6	Box:	pH		NA	
	Specific Conductivity	Cole Palmer Acorn Con 5	Box:	Microsiemens		NA	
	Turbidity	LaMotte 2020 Turb.Meter	Box:	NTU		NA	
	ORP	Cole Palmer pH Series 20	Probe: Box:	mV	4 - 7 - Quinhydrone		

ADDITIONAL NOTES:

FLOW CELL METERS

FIELD INSTRUMENT CALIBRATION
DAILY OPERATING LOG

CLIENT:

DATE/TIME: 10-19-16 700

PROJECT SITE: TTL

JOB NUMBER: 16016.00

Meter Set	INSTRUMENT	MODEL ID NUMBER	UNIT ID NUMBER	STANDARD(S) USED FOR CALIBRATION*1	WAS CALIBRATION SUCCESSFULLY COMPLETED? (IF YES, PLACE ✔ IN APPROPRIATE AREA) (For ORP, Place Results Of Calibration In Appropriate Box)		MIDDAY STANDARD(S) CHECK*1 (Check off Appropriate Standard if Meter is in Calibration		OPERATOR INITIALS
							Standard	Reading	
A	pH	YSI PRO PLUS	SME001	____ ____ ____	4___ reading____ 7___ reading____ 10___ reading____		____ ____ ____	____ ____ ____	
	Specific Conductivity	YSI PRO PLUS	SME001	____ Microsiemens	____ reading____		____ Microsiemens	____	
	DO	YSI PRO PLUS	SME001	___ 100% ___ ZERO	____100% reading____ ____ZERO reading____		100%	____	
	ORP	YSI PRO PLUS	SME001	240 Mv ORP Solution	____240 Mv	Reading____	240 Mv ORP	____	
	Turbidity	LaMotte 2020we	Box:	___1.0 NTU ___10 NTU	____reading	____reading	___1 NTU ___10 NTU	___1 NTU ___10 NTU	
B	pH	YSI PRO PLUS	SME002	4.01 7.00 ____	4 ✓ reading 4.02 7 ✓ reading 7.00 10___ reading____		____ ____ ____	____ ____ ____	BL
	Specific Conductivity	YSI PRO PLUS	SME002	445 Microsiemens	✓ reading 444		____ Microsiemens	____	
	DO	YSI PRO PLUS	SME002	✓ 100% ✓ ZERO	✓ 100% reading 100.9 ✓ ZERO reading 0.10		100%	____	
	ORP	YSI PRO PLUS	SME002	240 Mv ORP Solution	✓ 240 Mv	Reading 240	240 Mv ORP	____	
	Turbidity	~~LaMotte 2020we~~ HACH	Box: SME002	✓ 1.0 NTU ✓ 10 NTU	1.0 reading	10.0 reading	___1 NTU ___10 NTU	___1 NTU ___10 NTU	

*1 Calibration of meters is completed once daily before work starts – a standards check for pH, conductivity and turbidity should be completed midway through each day or if a particular field value falls outside of historic ranges.

ADDITIONAL NOTES:

CHAIN–OF–CUSTODY RECORD

SEVEE & MAHER ENGINEERS, INC. • P.O. BOX 85A • 4 BLANCHARD ROAD • CUMBERLAND CENTER, MAINE 04021 • (207)829–5016 • FAX (207)829–5692

CLIENT:

PROJECT NAME: PTL

PROJECT/P.O. #: 16016.00

REPORT TO: Dave Maher

ADDRESS: see above

INVOICE TO:

ADDRESS: " "

SAMPLED BY: (PRINT) P Sevee

SAMPLER SIGNATURE:

FILTERED (Y/N): N N N N N

PRESERVED: 3 4 3 4 2

ANALYSIS REQUIRED

LEGEND FOR PRESERVATIVE
1 – 4° CELSIUS
2 – HCL
3 – HNO_3
4 – H_2SO_4
5 – $Na_2SO_3 + H_2SO_4$
6 – NaOH

ITEM NO.	SAMPLE IDENTIFICATION	DATE	TIME	COMPOSITE OR GRAB	W–WATER L–LIQUID S–SOLID	TOTAL NUMBER OF CONTAINERS	1NO-1G	1NO-2L	1NO-3X	Mahnue Ethene Ethane	VOA-SPEC. Methane				REMARKS	LAB SAMPLE #
1	BTXXXXADE	10-17-16	800	G	W	10	–	–	–	2	8				See pg 2 of 2 for	
2	GW8Q2AACD		1445			13	1	1	1	2	8				Calcs method	
3	GW8Q2BAD6		1350			13	1	1	1	2	8				/INFO	
4	GW8Q3AADF		900			13	1	1	1	2	8					
5	GW8Q3BACE		1005			13	1	1	1	2	8					
6	GW914AACH		1104			3	1	1	1	–	–					
7	GWDP1XACA		–			13	1	1	1	2	8					
8	GW8Q1AACC		1225			13	1	1	1	2	8					
9	GW9Q6BACG		1515			3	1	1	1	–	–					
10	DW1Q3XADA		1100			5	1	1	1	2	–					
11	DWDP3XADD		–			5	1	1	1	2	–					
12	DW1Q9XADB		1400			13	1	1	1	2	8					
13																
14																
15																

RELINQUISHED BY:	DATE: 10-17-16	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

A CHAIN OF CUSTODY IS REQUESTED WITH EACH SET OF SAMPLES

CHAIN–OF–CUSTODY RECORD

SEVEE & MAHER ENGINEERS, INC. • P.O. BOX 85A • 4 BLANCHARD ROAD • CUMBERLAND CENTER, MAINE 04021 • (207)829–5016 • FAX (207)829–5692

CLIENT:

PROJECT NAME: PTL

PROJECT/P.O. #: 16016.00

REPORT TO: Dave Maher

ADDRESS: See Above

INVOICE TO:

ADDRESS: " "

SAMPLED BY: (PRINT) P Sevee

SAMPLER SIGNATURE: [signature]

FILTERED (Y/N): N N N N N N

PRESERVED: 1 3 4 3 4 2

ANALYSIS REQUIRED

LEGEND FOR PRESERVATIVE
1 – 4° CELSIUS
2 – HCL
3 – HNO_3
4 – H_2SO_4
5 – $Na_2SO_3 + H_2SO_4$
6 – NaOH

ITEM NO.	SAMPLE IDENTIFICATION	DATE	TIME	COMPOSITE OR GRAB	W–WATER L–LIQUID S–SOLID	TOTAL NUMBER OF CONTAINERS	INO-16	INO-23	INO-24	INO-32	Methane, Ethane, Ethene	VOA-SPEC METHODS			REMARKS	LAB SAMPLE #
1	BTXXXXADF	10-18-16	800	G	W	10	–	–	–	–	2	8			See pg 2 of 2 for codes method info	
2	GW509BAC6		852			3	1	–	1	1	–	–				
3	GW516BAC4		1140			3	1	–	1	1	–	–				
4	GW916XAC7		1530			13	1	–	1	1	2	8				
5	GW917XACF		1430			5	1	–	1	1	2	–				
6	SWXXAXACI		800			3	1	1	1	–	–	–				
7	SWXXCXACJ		930			3	1	1	1	–	–	–				
8	SWXXDXADX		830			3	1	1	1	–	–	–				
9	SWXXEXAD1		900			3	1	1	1	–	–	–				
10	SWDP2XACB		—			3	1	1	1	–	–	–				
11	LTXXXXAEX		1500			13	1	–	1	1	2	8				
12	LTLCS8AD3		1320			13	1	–	1	1	2	8				
13	LTPDPXAD2		1400			13	1	–	1	1	2	8				
14																
15																

RELINQUISHED BY: [signature]	DATE: 10-18-16	TIME: 1600	RECEIVED BY: DATE: TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY: DATE: TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY: DATE: TIME:

A CHAIN OF CUSTODY IS REQUESTED WITH EACH SET OF SAMPLES

CHAIN-OF-CUSTODY RECORD

SEVEE & MAHER ENGINEERS, INC. • P.O. BOX 85A • 4 BLANCHARD ROAD • CUMBERLAND CENTER, MAINE 04021 • (207)829-5016 • FAX (207)829-5692

CLIENT:	PROJECT NAME: PTL	PROJECT/ P.O. #: 1601600	FILTERED (Y/N): N N N N N
REPORT TO: D. Maher	ADDRESS: See Above		PRESERVED: 1 4 3 4 2
INVOICE TO:	ADDRESS: " "		ANALYSIS REQUIRED: INO-16, INO-2L, INO-3Y, methane, ethene, ethane, VOA-spec. methods
SAMPLED BY: (PRINT) B. Letiecq	SAMPLER SIGNATURE: Brian Letiecq		

LEGEND FOR PRESERVATIVE
1 – 4° CELSIUS
2 – HCL
3 – HNO_3
4 – H_2SO_4
5 – $Na_2SO_3 + H_2SO_4$
6 – NaOH

ITEM NO.	SAMPLE IDENTIFICATION	DATE	TIME	COMPOSITE OR GRAB	W-WATER L-LIQUID S-SOLID	TOTAL NUMBER OF CONTAINERS	INO-16	INO-2L	INO-3Y	methane, ethene, ethane	VOA-spec. methods				REMARKS	LAB SAMPLE #
1	BTXXXXADG	10-19-16	0700	Grab	W	10	–	–	–	2	8					
2	GW123XAC5	↓	1115	↓	↓	3	1	1	1	–	–					
3	GW641XAC9	↓	1005	↓	↓	13	1	1	1	2	8					
4	GW200XAC8	↓	0845	↓	↓	3	1	1	1	–	–					
5																
6																
7																
8																
9		☆	See Page 2 of 3 For Codes/Methods info.													
10																
11																
12																
13																
14															temp 0.1 °C – KB 10.19.16	
15																

RELINQUISHED BY: Brian Letiecq	DATE: 10-19-16	TIME: 1520	RECEIVED BY: K Balzer	DATE: 10.19.16	TIME: 1520
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

FALL 2016
LABORATORY ANALYTICAL REPORTS

SME
Sevee & Maher Engineers, Inc.

HAB
11-16-16

Eastern Analytical, Inc.

professional laboratory & drilling services

Jackie Villinski
Maine Environmental Laboratory
One Main Street
Yarmouth , ME 04096

ACCREDITED IN ACCORDANCE WITH nelac

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 161904
Client Identification: SAM2005-16
Date Received: 10/21/2016

Dear Ms. Villinski :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director | 10.31.16 Date | 16 # of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Temperature upon receipt (°C): 0 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
161904.01	BTXXXXADF	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy
161904.02	GW916XAC7	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy
161904.03	GW917XACF	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy
161904.04	LTXXXXAE0	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy
161904.05	LTLCSXAD3	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy
161904.06	LTPDPXAD2	10/21/16	10/18/16	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.
Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.
All results contained in this report relate only to the above listed samples.
References include:
1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater,20th Edition, 1998 and 22nd Edition, 2012
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Sample ID: BTXXXXADF

Lab Sample ID: 161904.01
Matrix: aqueous
Date Sampled: 10/18/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BML

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**100 %R**	
1,2-Dichlorobenzene-d4 (surr)	**101 %R**	
Toluene-d8 (surr)	**100 %R**	

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Sample ID: GW916XAC7

Lab Sample ID: 161904.02
Matrix: aqueous
Date Sampled: 10/18/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BML

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**100 %R**	
1,2-Dichlorobenzene-d4 (surr)	**99 %R**	
Toluene-d8 (surr)	**100 %R**	

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Sample ID: LTXXXXAE0

Lab Sample ID: 161904.04
Matrix: aqueous
Date Sampled: 10/18/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 10

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BML

Parameter	Result	RL
Chloromethane	< 20	20
Vinyl chloride	< 2	2
Bromomethane	< 20	20
Chloroethane	< 50	50
Trichlorofluoromethane	< 50	50
Diethyl Ether	< 50	50
Acetone	< 100	100
1,1-Dichloroethene	< 10	10
Iodomethane	< 50	50
Methylene chloride	< 50	50
Carbon disulfide	< 20	20
Acrylonitrile	< 200	200
trans-1,2-Dichloroethene	< 10	10
Vinyl acetate	< 100	100
1,1-Dichloroethane	< 10	10
cis-1,2-Dichloroethene	< 10	10
2-Butanone(MEK)	< 100	100
Bromochloromethane	< 10	10
Tetrahydrofuran(THF)	**300**	100
Chloroform	< 10	10
1,1,1-Trichloroethane	< 10	10
Carbon tetrachloride	< 10	10
Benzene	< 10	10
1,2-Dichloroethane	< 10	10
Trichloroethene	< 10	10
1,2-Dichloropropane	< 10	10
Dibromomethane	< 10	10
Bromodichloromethane	< 5	5
4-Methyl-2-pentanone(MIBK)	< 100	100
cis-1,3-Dichloropropene	< 10	10
Toluene	< 10	10
trans-1,3-Dichloropropene	< 10	10
1,1,2-Trichloroethane	< 10	10
2-Hexanone	< 100	100
Tetrachloroethene	< 10	10
Dibromochloromethane	< 10	10
1,2-Dibromoethane(EDB)	< 20	20
Chlorobenzene	< 10	10
1,1,1,2-Tetrachloroethane	< 10	10
Ethylbenzene	< 10	10

Parameter	Result	RL
mp-Xylene	< 10	10
o-Xylene	< 10	10
Styrene	< 10	10
Bromoform	< 20	20
1,1,2,2-Tetrachloroethane	< 10	10
1,2,3-Trichloropropane	< 10	10
trans-1,4-dichloro-2-butene	< 50	50
1,4-Dichlorobenzene	< 10	10
1,2-Dichlorobenzene	< 10	10
1,2-Dibromo-3-chloropropane	< 20	20
4-Bromofluorobenzene (surr)	**101 %R**	
1,2-Dichlorobenzene-d4 (surr)	**100 %R**	
Toluene-d8 (surr)	**99 %R**	

The reporting limits are elevated due to the sample matrix. Dual runs/reanalysis was not performed due to the foaming characteristics and matrix of the sample.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Sample ID: LTLCSXAD3

Lab Sample ID: 161904.05
Matrix: aqueous
Date Sampled: 10/18/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 10

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BML

Parameter	Result	RL	Parameter	Result	RL
Chloromethane	< 20	20	mp-Xylene	< 10	10
Vinyl chloride	< 2	2	o-Xylene	< 10	10
Bromomethane	< 20	20	Styrene	< 10	10
Chloroethane	< 50	50	Bromoform	< 20	20
Trichlorofluoromethane	< 50	50	1,1,2,2-Tetrachloroethane	< 10	10
Diethyl Ether	< 50	50	1,2,3-Trichloropropane	< 10	10
Acetone	**300**	100	trans-1,4-dichloro-2-butene	< 50	50
1,1-Dichloroethene	< 10	10	1,4-Dichlorobenzene	< 10	10
Iodomethane	< 50	50	1,2-Dichlorobenzene	< 10	10
Methylene chloride	< 50	50	1,2-Dibromo-3-chloropropane	< 20	20
Carbon disulfide	< 20	20	4-Bromofluorobenzene (surr)	**101 %R**	
Acrylonitrile	< 200	200	1,2-Dichlorobenzene-d4 (surr)	**101 %R**	
trans-1,2-Dichloroethene	< 10	10	Toluene-d8 (surr)	**99 %R**	
Vinyl acetate	< 100	100			
1,1-Dichloroethane	< 10	10			
cis-1,2-Dichloroethene	< 10	10			
2-Butanone(MEK)	**200**	100			
Bromochloromethane	< 10	10			
Tetrahydrofuran(THF)	**400**	100			
Chloroform	< 10	10			
1,1,1-Trichloroethane	< 10	10			
Carbon tetrachloride	< 10	10			
Benzene	< 10	10			
1,2-Dichloroethane	< 10	10			
Trichloroethene	< 10	10			
1,2-Dichloropropane	< 10	10			
Dibromomethane	< 10	10			
Bromodichloromethane	< 5	5			
4-Methyl-2-pentanone(MIBK)	< 100	100			
cis-1,3-Dichloropropene	< 10	10			
Toluene	**30**	10			
trans-1,3-Dichloropropene	< 10	10			
1,1,2-Trichloroethane	< 10	10			
2-Hexanone	< 100	100			
Tetrachloroethene	< 10	10			
Dibromochloromethane	< 10	10			
1,2-Dibromoethane(EDB)	< 20	20			
Chlorobenzene	< 10	10			
1,1,1,2-Tetrachloroethane	< 10	10			
Ethylbenzene	< 10	10			

The reporting limits are elevated due to the sample matrix. Dual runs/reanalysis was not performed due to the foaming characteristics and matrix of the sample.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Sample ID: LTPDPXAD2

Lab Sample ID: 161904.06
Matrix: aqueous
Date Sampled: 10/18/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 10

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BML

Parameter	Result	RL	Parameter	Result	RL
Chloromethane	< 20	20	mp-Xylene	< 10	10
Vinyl chloride	< 2	2	o-Xylene	< 10	10
Bromomethane	< 20	20	Styrene	< 10	10
Chloroethane	< 50	50	Bromoform	< 20	20
Trichlorofluoromethane	< 50	50	1,1,2,2-Tetrachloroethane	< 10	10
Diethyl Ether	< 50	50	1,2,3-Trichloropropane	< 10	10
Acetone	< 100	100	trans-1,4-dichloro-2-butene	< 50	50
1,1-Dichloroethene	< 10	10	1,4-Dichlorobenzene	< 10	10
Iodomethane	< 50	50	1,2-Dichlorobenzene	< 10	10
Methylene chloride	< 50	50	1,2-Dibromo-3-chloropropane	< 20	20
Carbon disulfide	< 20	20	4-Bromofluorobenzene (surr)	**102 %R**	
Acrylonitrile	< 200	200	1,2-Dichlorobenzene-d4 (surr)	**100 %R**	
trans-1,2-Dichloroethene	< 10	10	Toluene-d8 (surr)	**101 %R**	
Vinyl acetate	< 100	100			
1,1-Dichloroethane	< 10	10			
cis-1,2-Dichloroethene	< 10	10			
2-Butanone(MEK)	< 100	100			
Bromochloromethane	< 10	10			
Tetrahydrofuran(THF)	< 100	100			
Chloroform	< 10	10			
1,1,1-Trichloroethane	< 10	10			
Carbon tetrachloride	< 10	10			
Benzene	< 10	10			
1,2-Dichloroethane	< 10	10			
Trichloroethene	< 10	10			
1,2-Dichloropropane	< 10	10			
Dibromomethane	< 10	10			
Bromodichloromethane	< 5	5			
4-Methyl-2-pentanone(MIBK)	< 100	100			
cis-1,3-Dichloropropene	< 10	10			
Toluene	< 10	10			
trans-1,3-Dichloropropene	< 10	10			
1,1,2-Trichloroethane	< 10	10			
2-Hexanone	< 100	100			
Tetrachloroethene	< 10	10			
Dibromochloromethane	< 10	10			
1,2-Dibromoethane(EDB)	< 20	20			
Chlorobenzene	< 10	10			
1,1,1,2-Tetrachloroethane	< 10	10			
Ethylbenzene	< 10	10			

The reporting limits are elevated due to the sample matrix. Dual runs/reanalysis was not performed due to the foaming characteristics and matrix of the sample.

QC REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Chloromethane	< 2	22 (108 %R)	21 (103 %R) (5 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Vinyl chloride	< 0.2	21 (103 %R)	19 (97 %R) (6 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromomethane	< 2	21 (103 %R)	20 (98 %R) (4 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Chloroethane	< 5	21 (104 %R)	20 (101 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Trichlorofluoromethane	< 5	19 (95 %R)	18 (91 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Diethyl Ether	< 5	18 (88 %R)	17 (86 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Acetone	< 10	20 (90 %R)	20 (92 %R) (2 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
1,1-Dichloroethene	< 1	18 (92 %R)	17 (85 %R) (7 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Iodomethane	< 5	* 13 (66 %R)	* 13 (64 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Methylene chloride	< 5	18 (89 %R)	17 (86 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Carbon disulfide	< 5	24 (118 %R)	23 (113 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Acrylonitrile	< 20	20 (103 %R)	20 (102 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
trans-1,2-Dichloroethene	< 2	20 (98 %R)	18 (92 %R) (6 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Vinyl acetate	< 10	20 (98 %R)	20 (90 %R) (9 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1-Dichloroethane	< 2	20 (98 %R)	19 (95 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
cis-1,2-Dichloroethene	< 2	19 (94 %R)	18 (90 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
2-Butanone(MEK)	< 10	20 (93 %R)	20 (93 %R) (0 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Bromochloromethane	< 2	20 (98 %R)	19 (96 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Tetrahydrofuran(THF)	< 10	20 (112 %R)	20 (118 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Chloroform	< 2	20 (100 %R)	19 (97 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,1-Trichloroethane	< 2	19 (96 %R)	18 (92 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Carbon tetrachloride	< 2	19 (96 %R)	18 (92 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Benzene	< 1	20 (99 %R)	19 (96 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichloroethane	< 2	19 (96 %R)	19 (94 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Trichloroethene	< 2	19 (97 %R)	19 (94 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichloropropane	< 2	19 (93 %R)	18 (91 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Dibromomethane	< 2	19 (95 %R)	19 (93 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromodichloromethane	< 0.5	21 (106 %R)	21 (105 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
4-Methyl-2-pentanone(MIBK)	< 10	20 (96 %R)	20 (96 %R) (0 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
cis-1,3-Dichloropropene	< 2	20 (101 %R)	20 (99 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Toluene	< 1	21 (103 %R)	20 (99 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
trans-1,3-Dichloropropene	< 2	20 (98 %R)	20 (98 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,2-Trichloroethane	< 2	19 (95 %R)	19 (96 %R) (0 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
2-Hexanone	< 10	20 (98 %R)	20 (98 %R) (0 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Tetrachloroethene	< 2	20 (98 %R)	19 (95 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Dibromochloromethane	< 2	21 (104 %R)	20 (102 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dibromoethane(EDB)	< 2	20 (100 %R)	20 (98 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Chlorobenzene	< 2	20 (100 %R)	19 (97 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,1,2-Tetrachloroethane	< 2	19 (97 %R)	19 (96 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Ethylbenzene	< 1	20 (99 %R)	20 (98 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
mp-Xylene	< 1	40 (100 %R)	38 (96 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
o-Xylene	< 1	20 (100 %R)	19 (96 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Styrene	< 1	19 (97 %R)	19 (96 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromoform	< 2	18 (91 %R)	18 (92 %R) (0 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,2,2-Tetrachloroethane	< 2	20 (100 %R)	20 (99 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2,3-Trichloropropane	< 2	20 (98 %R)	19 (96 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B

QC REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
trans-1,4-dichloro-2-butene	< 5	* 41 (204 %R)	* 39 (197 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,4-Dichlorobenzene	< 1	20 (102 %R)	19 (97 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichlorobenzene	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dibromo-3-chloropropane	< 2	20 (98 %R)	19 (96 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	101 %R	99 %R	101 %R	10/24/2016	% Rec	70 - 130	20	8260B
1,2-Dichlorobenzene-d4 (surr)	99 %R	100 %R	101 %R	10/24/2016	% Rec	70 - 130	20	8260B
Toluene-d8 (surr)	100 %R	100 %R	100 %R	10/24/2016	% Rec	70 - 130	20	8260B

Samples were extracted and analyzed within holding time limits.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
Sample surrogate recoveries met the above stated criteria.
The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.
There were no exceptions in the analyses, unless noted.
*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.
Analytes that exceed limits high but are not detected in the field samples do not impact the data. For analytes that show low recovery and are not detected in the field samples, a low point calibration standard has been analyzed to support the reporting limit.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	BTXXXXADF
Lab Sample ID:	161904.01
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	< 20	20	1	ug/L	10/26/16	12:58		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	GW916XAC7
Lab Sample ID:	161904.02
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**20**	20	1	ug/L	10/26/16 13:05		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	GW917XACF
Lab Sample ID:	161904.03
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**20**	20	1	ug/L	10/26/16 13:20		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	LTXXXXAE0
Lab Sample ID:	161904.04
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**60**	20	1	ug/L	10/26/16 13:29		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	LTLCSXAD3
Lab Sample ID:	161904.05
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**700**	20	1	ug/L	10/26/16 13:36		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2005-16**

Client Sample ID:	LTPDPXAD2
Lab Sample ID:	161904.06
Matrix:	aqueous
Date Sampled:	10/18/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**290**	20	1	ug/L	10/26/16 13:47		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

QC REPORT

EAI ID#: **161904**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2005-16**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Methane	< 20	960 (96 %R)		ug/L	10/26/16	85 - 115	20	*8015Bmod/

Samples were analyzed within holding times unless noted on the sample results page.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.
Exceptions to the above statements are flagged or noted above or on the QC Narrative page.
*/! Flagged analyte recoveries deviated from the QA/QC limits.

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

EAT

FOR LAB USE ONLY 161904 16#

ANALYSES (Specify Method: RCRA, NPDES, DW)

REPORT TO: J. Villinski | TELEPHONE | EMAIL

COMPANY | BILL TO / PURCHASE ORDER #

ADDRESS

PROJECT NAME: SAM2005-16 | SAMPLER NAME

Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by: _____
Temp. °C _____

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	VOA 8260 40 CFR, 47 compounds App I, Part 258	methane								LAB ID/SUBCONTRACTOR
BTXXXX ADF	4	Vial		X	TB	X		HCl/≤6°C	10.18.16	0800	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	↓		X								
GW916XAC7	4	↓		↓	GW	↓		HCl/≤6°C	↓	1530	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	↓		X								
GW917XACF	2	↓		↓	↓	↓		↓	↓	1430		X								
LTXXXXAE0	4	↓		↓	L	↓		HCl/≤6°C	↓	1500	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	↓		X								
LTLCSXAD3	4	↓		↓	↓	↓		HCl/≤6°C	↓	1320	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	↓		X								
LTPDPXAD2	4	↓		↓	↓	↓		HCl/≤6°C	↓	1400	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	↓		X								

TURNAROUND REQUEST
☒ Standard 10/31
☐ Priority (SURCHARGE)
MEL 3120101-46

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL #16016.00
☐ DW Compliance (sent to State)
☐ CC Results to _____

COMMENTS for VOA 8260: add diethyl ether + tetrahydrofuran
DL of ≤0.2 ug/L for vinyl chloride
Report to LOQ
need ME cert
0°C

RELINQUISHED BY SAMPLER:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY: [signature]	DATE 10/21/16	TIME 16:10	RECEIVED BY: R. E. McFarland
RELINQUISHED BY: R. McFarland	DATE 10-21-16	TIME 1310	RECEIVED BY LABORATORY: [signature]

 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

HAB 11-16-16

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

November 1, 2016

Ms. Jackie Villinski
Maine Environmental Laboratory
1 Main Street
Yarmouth,ME 04096

RE: Katahdin Lab Number: SJ8668
Project ID: SAM2005-16
Project Manager: Ms. Kristen Schultz
Sample Receipt Date(s): October 19, 2016

Dear Ms. Villinski:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to http://www.katahdinlab.com/cert.html for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES

Leslie Dimond

Authorized Signature

11/01/2016

Date

TECHNICAL NARRATIVE

Organics Analysis

The samples of Work Order SJ8668 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or for the specific methods listed below or on the Report of Analysis.

8260 SIM Analysis

Samples SJ8668-3, 4, and 5 had high recoveries for the surrogate p-bromofluorobenzene, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL in the aforementioned samples, the samples were not reanalyzed.

Samples SJ8668-3, 4, and 5 were diluted due to matrix interference, sample viscosity or other matrix-related problem. Consequently, the samples PQLs were accordingly.

The method blank WG193788-2 had a high recovery for the surrogate p-bromofluorobenzene, which was outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL, no further action was taken.

There were no other protocol deviations or observations noted by the organics laboratory staff.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8668-1
Client ID: BTXXXXADF
Project: SAM2005-16
SDG: SJ8668
Lab File ID: D6007.D

Sample Date: 18-OCT-16
Received Date: 19-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		108.	%			
1,2-Dichloroethane-d4		109.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		85.9	%			

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Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8668-2
Client ID: GW916XAC7
Project: SAM2005-16
SDG: SJ8668
Lab File ID: D6015.D

Sample Date: 18-OCT-16
Received Date: 19-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		105.	%			
1,2-Dichloroethane-d4		104.	%			
Toluene-D8		100.	%			
p-Bromofluorobenzene		81.0	%			

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Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8668-3DL3
Client ID: LTXXXXAE0
Project: SAM2005-16
SDG: SJ8668
Lab File ID: D6033.D

Sample Date: 18-OCT-16
Received Date: 19-OCT-16
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	2.5	ug/L	50	.05	2.5
1,2,3-Trichloropropane	U	2.5	ug/L	50	.05	2.5
1,2-dibromo-3-chloropropane	U	2.5	ug/L	50	.05	2.5
acrylonitrile	U	12	ug/L	50	.25	12.
Dibromofluoromethane		106.	%			
1,2-Dichloroethane-d4		108.	%			
Toluene-D8		98.4	%			
p-Bromofluorobenzene	*	141.	%			

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Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8668-4DL2
Client ID: LTLCSXAD3
Project: SAM2005-16
SDG: SJ8668
Lab File ID: D6030.D

Sample Date: 18-OCT-16
Received Date: 19-OCT-16
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.50	ug/L	10	.05	0.50
1,2,3-Trichloropropane	U	0.50	ug/L	10	.05	0.50
1,2-dibromo-3-chloropropane	U	0.50	ug/L	10	.05	0.50
acrylonitrile	U	2.5	ug/L	10	.25	2.5
Dibromofluoromethane		100.	%			
1,2-Dichloroethane-d4		97.7	%			
Toluene-D8		105.	%			
p-Bromofluorobenzene	*	158.	%			

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Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8668-5DL2
Client ID: LTPDPXAD2
Project: SAM2005-16
SDG: SJ8668
Lab File ID: D6031.D

Sample Date: 18-OCT-16
Received Date: 19-OCT-16
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.50	ug/L	10	.05	0.50
1,2,3-Trichloropropane	U	0.50	ug/L	10	.05	0.50
1,2-dibromo-3-chloropropane	U	0.50	ug/L	10	.05	0.50
acrylonitrile	U	2.5	ug/L	10	.25	2.5
Dibromofluoromethane		102.	%			
1,2-Dichloroethane-d4		102.	%			
Toluene-D8		99.1	%			
p-Bromofluorobenzene	*	150.	%			

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : SAM2005-16
Lab File ID : D6005.D
Instrument ID : GCMS-D
Heated Purge : No

SDG : SJ8668
Lab Sample ID : WG193624-2
Date Analyzed : 28-OCT-16
Time Analyzed : 12:57

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG193624-1	D6003.D	10/28/16	11:33
BTXXXXADF	SJ8668-1	D6007.D	10/28/16	14:13
GW916XAC7	SJ8668-2	D6015.D	10/28/16	19:16

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ANALYTICAL SERVICES

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Report of Analytical Results

Client:
Lab ID: WG193624-2
Client ID: Method Blank Sample
Project:
SDG: SJ8668
Lab File ID: D6005.D

Sample Date:
Received Date:
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		102.	%			
1,2-Dichloroethane-d4		102.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		84.6	%			

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Cert No E87604

LCS Recovery Report

Client:
Lab ID: WG193624-1
Client ID: LCS
Project:
SDG: SJ8668
LCS File ID: D6003.D

Sample Date:
Received Date:
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dibromoethane	82.0	0.500	0.410	ug/L	70-130
1,2,3-Trichloropropane	82.0	0.500	0.410	ug/L	70-130
1,2-dibromo-3-chloropropane	76.0	0.500	0.380	ug/L	70-130
acrylonitrile	76.0	2.50	1.90	ug/L	70-130
Dibromofluoromethane	88.5				70-130
1,2-Dichloroethane-d4	89.2				70-130
Toluene-D8	95.4				70-130
p-Bromofluorobenzene	93.4				70-130

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : SAM2005-16
Lab File ID : D6027.D
Instrument ID : GCMS-D
Heated Purge : No

SDG : SJ8668
Lab Sample ID : WG193788-2
Date Analyzed : 31-OCT-16
Time Analyzed : 15:13

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG193788-1	D6025.D	10/31/16	13:51
LTLCSXAD3	SJ8668-4DL2	D6030.D	10/31/16	17:07
LTPDPXAD2	SJ8668-5DL2	D6031.D	10/31/16	17:45
LTXXXXAE0	SJ8668-3DL3	D6033.D	10/31/16	19:01

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Report of Analytical Results

Client:
Lab ID: WG193788-2
Client ID: Method Blank Sample
Project:
SDG: SJ8668
Lab File ID: D6027.D

Sample Date:
Received Date:
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		102.	%			
1,2-Dichloroethane-d4		104.	%			
Toluene-D8		98.7	%			
p-Bromofluorobenzene	*	140.	%			

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ANALYTICAL SERVICES

Cert No E87604

LCS Recovery Report

Client:
Lab ID: WG193788-1
Client ID: LCS
Project:
SDG: SJ8668
LCS File ID: D6025.D

Sample Date:
Received Date:
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dibromoethane	100.	0.500	0.500	ug/L	70-130
1,2,3-Trichloropropane	104.	0.500	0.520	ug/L	70-130
1,2-dibromo-3-chloropropane	102.	0.500	0.510	ug/L	70-130
acrylonitrile	104.	2.50	2.60	ug/L	70-130
Dibromofluoromethane	86.3				70-130
1,2-Dichloroethane-d4	85.6				70-130
Toluene-D8	94.0				70-130
p-Bromofluorobenzene	98.6				70-130

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Katahdin Analytical Services, LLC. **Sample Receipt Condition Report**

Client: MEL	KAS PM: KSS	Sampled By: Client
Project:	KIMS Entry By: SO	Delivered By: KAS
KAS Work Order#: SJ8668, 8669	KIMS Review By: AMH	Received By: SO
SDG #:	Cooler: ___ of ___	Date/Time Rec.: 10-19-16 1700

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?				✓	
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.		✓			Temp (°C): 14.6
Samples received at <6 °C w/o freezing?		✓			Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?		✓			The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?				✓	
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?		✓			Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?	✓				
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	√ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				✓	
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.

KAT

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

FOR LAB USE ONLY
LABORATORY REPORT #

REPORT TO: J. Villinski
TELEPHONE:
EMAIL:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: SAM2005-16
SAMPLER NAME:

SJ8668

ANALYSES (Specify Method: RCRA, NPDES, DW, etc.): 8260C SIM (low level)

SAMPLE RECEIVING
Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by: _____
Temp. °C _____

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	8260C SIM (low level)	LAB ID/SUBCONTRACTOR
BTXXXXADF	4	Vial		X	TB	X		HCl 4°C	10-18-16	0800	X	
GW916XAC7	↓	↓		↓	GW	↓		↓	↓	1530	X	
LTXXXXAE0	↓	↓		↓	L	↓		↓	↓	1500	X	
LTLCSXAD3	↓	↓		↓	L	↓		↓	↓	1320	X	
LTPDPXAD2	↓	↓		↓	L	↓		↓	↓	1400	X	

TURNAROUND REQUEST
☒ Standard 10/31
☐ Priority (SURCHARGE)

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL # 16016-00
☐ DW Compliance (sent to State)
☐ CC Results to _____

COMMENTS VOC compounds: 1,2-dibromoethane (CRL 0.05 ppb); 1,2,3-trichloropropane (CRL 0.05 ppb); 1,2-dibromo-3-chloropropane (CRL 0.2 ppb); acrylonitrile (best RL)
Report to LOQ

	DATE	TIME		
RELINQUISHED BY SAMPLER:			RECEIVED BY:	
RELINQUISHED BY:	10-19-16	1608	RECEIVED BY:	1604
RELINQUISHED BY:	10-19-16	1654	RECEIVED BY LABORATORY:	

COC 12414 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

page 1 of _____

Katahdin Analytical Services SJ8668 page 0000016 of 0000017

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 20, 2016
09:30 AM

Quote/Incoming: --

Login Number: SJ8668

Account: MEL001 NoWeb
Maine Environmental Laboratory

Project: MEL8260

Primary Report Address:
Jackie Villinski
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096
jackie@mel-lab.com

Primary Invoice Address:
Accounts Payable
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096

Report CC Addresses:
Invoice CC Addresses:

Login Information:

ANALYSIS INSTRUCTIONS	:
CHECK NO.	:
CLIENT PO#	: PTL #16016.00
CLIENT PROJECT MANAGE	:
CONTRACT	:
COOLER TEMPERATURE	: 14.6
DELIVERY SERVICES	: KAS
EDD FORMAT	:
LOGIN INITIALS	: SO
PM	: KSS
PROJECT NAME	: SAM2005-16
QC LEVEL	: I
REGULATORY LIST	:
REPORT INSTRUCTIONS	: email pdf to Jackie and melab@mel-lab.com. Invoice to melab@mel-lab.com
SDG ID	:
SDG STATUS	:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SJ8668-1	BTXXXXADF	18-OCT-16 08:00	19-OCT-16			31-OCT-16	
SJ8668-2	GW916XAC7	18-OCT-16 15:30	19-OCT-16			31-OCT-16	
SJ8668-3	LTXXXXAE0	18-OCT-16 15:00	19-OCT-16			31-OCT-16	
SJ8668-4	LTLCSXAD3	18-OCT-16 13:20	19-OCT-16			31-OCT-16	
SJ8668-5	LTPDPXAD2	18-OCT-16 14:00	19-OCT-16			31-OCT-16	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S	SW8260SIM-S	01-NOV-16	40mL Vial+HCl		

Total Samples: *5* ***Total Analyses:*** *5*

11-7-16

Maine Environmental Laboratory

Report of Analyses

One Main Street Yarmouth, Maine 04096 Tel.: (207) 846-6569 Fax: (207) 846-9066 Email: melab@mel-lab.com

Dave Maher
Sevee & Maher Engineers, Inc.
P.O. Box 85A
Cumberland Center, ME 04021

Report Date: November 8, 2016

Report No.: SAM2005-16

Enclosed are the results of the analyses requested on your samples as received by the laboratory. Samples were received in acceptable condition and analyzed within method holding times with all quality control data within laboratory acceptance limits unless noted. Reporting detection limits are the minimum levels for reporting quantitative data. These limits are 3.18 times the method detection limit as defined in CFR 40 Part 136, Appendix B. Maine Environmental Laboratory is certified by Maine (cert. #2015007) and New Hampshire NELAP (NH ELAP) (cert. #2031). A list of certified parameters is available upon request. The results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the report. This report shall not be reproduced, except in full, without the written consent of the laboratory.

The complete report consists of the following sections:

- Maine Environmental Laboratory report
- Chain of Custody form
- Eastern Analytical Inc. report
- Katahdin Analytical Services report

Project Name/ID: PTL #16016.00

Date Received: 10/19/16

Sampler Name: P. Sevee

References

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes, USEPA, Cincinnati, Ohio, March 1983.
EPA1 - EPA/600/R-93/100 Methods for the Determination of Inorganic Substances in Environmental Samples, Aug. 1993.
EPA2 - EPA600/R-94/111 Methods for the Determination of Metals in Environmental Samples, Supplement 1, May 1994
EPA3-EPA/600/R-06/115,Determination of Trace Elements in DW by Axially Viewed ICP-Atomic Emission Spectrometry,Rev 4.2 Oct. 2003
CLP - USEPA CLP Statement of Work for Inorganic Superfund Methods, ISM01.2, Exh. D, Sec. 1.6, Jan. 2010.
HEX - EPA-821-R-98-002, Method 1664, Rev. A: N-Hexane Extractable Material by Extraction and Gravimetry, Feb. 1999.
HACH - Chemical Oxygen Demand, Method 8000, Hach Handbook of Water Analysis, Hach Chemical Company, 1979.
STM - Standard Methods for the Examination of Water and Wastewater, 18th edition, APHA,AWWA,WPCF, 1992.
SW8- SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates I-IV, 2007.
STM1 - Standard Methods for the Examination of Water and Wastewater, 20th edition, APHA,AWWA,WPCF, 1998.

Authorized signature Jacquelyn R. Villinski

Jacquelyn R. Villinski, Laboratory Director

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	CALCIUM	139		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	IRON	0.58		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	MAGNESIUM	30.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	MANGANESE	10.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	POTASSIUM	6.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	SODIUM	58.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	BICARBONATE ALK	292		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	CHLORIDE	171		MG/L	0.9	3			SW9056		10/27/2016	10/27/2016	7:14			3	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	SULFATE	15.8		MG/L	1.8	6.0			SW9056		10/27/2016	10/27/2016	7:14			3	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	TDS	709		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW509BAC6	SAM200516	SAM200516-01	GW509BAC6	ME	10/18/2016	8:52	GW	NA	TOC	2.5		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	ARSENIC	0.015		MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	CALCIUM	125		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	IRON	1.83		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	MAGNESIUM	23.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	MANGANESE	1.94		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	POTASSIUM	3.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	SODIUM	70.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	BICARBONATE ALK	305		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	CHLORIDE	140		MG/L	0.9	3.0			SW9056		10/27/2016	10/27/2016	7:14			3	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	SULFATE	17.4		MG/L	1.8	6.0			SW9056		10/27/2016	10/27/2016	7:14			3	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	TDS	607		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW516BAC4	SAM200516	SAM200516-02	GW516BAC4	ME	10/18/2016	11:40	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	CALCIUM	83.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	IRON	0.83		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	MAGNESIUM	35.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	MANGANESE	0.24		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	POTASSIUM	3.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	SODIUM	5.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	BICARBONATE ALK	229		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	CHLORIDE	2.3		MG/L	0.3	1.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	SULFATE	24.9		MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	TDS	283		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW916XAC7	SAM200516	SAM200516-03	GW916XAC7	ME	10/18/2016	15:30	GW	NA	TOC	2.2		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	ARSENIC	0.104		MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	CALCIUM	111		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	IRON	7.75		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	MAGNESIUM	68.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	MANGANESE	0.91		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	POTASSIUM	2.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	SODIUM	8.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	BICARBONATE ALK	442		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	CHLORIDE	8.6		MG/L	0.3	1.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	SULFATE	38.5		MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	TDS	542		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW917XACF	SAM200516	SAM200516-04	GW917XACF	ME	10/18/2016	14:30	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	CALCIUM	17.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	IRON	0.11		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	MAGNESIUM	4.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	MANGANESE	0.10		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	POTASSIUM	1.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	SODIUM	11.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	BICARBONATE ALK	49		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	CHLORIDE	22.7		MG/L	0.3	1.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	SULFATE		U	MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	TDS	118		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	SWXXAXACI	SAM200516	SAM200516-05	SWXXAXACI	ME	10/18/2016	8:00	SW	NA	TOC	9.1		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	CALCIUM	20.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	IRON	0.16		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	MAGNESIUM	4.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	MANGANESE	0.10		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	POTASSIUM	1.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	SODIUM	9.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	BICARBONATE ALK	58		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	CHLORIDE	18.6		MG/L	0.3	1.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	SULFATE	2.5		MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	TDS	114		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	SWXXCXACI	SAM200516	SAM200516-06	SWXXCXACI	ME	10/18/2016	9:30	SW	NA	TOC	4.4		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	CALCIUM	109		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	IRON	0.26		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	MAGNESIUM	13.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	MANGANESE	0.14		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	POTASSIUM	2.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	SODIUM	62.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	BICARBONATE ALK	235		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	CHLORIDE	96.2		MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	16887006	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	SULFATE	11.0		MG/L	1.2	4.0			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	14808798	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	TDS	566		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	SWXXDXAD0	SAM200516	SAM200516-07	SWXXDXAD0	ME	10/18/2016	8:30	SW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	CALCIUM	109		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	IRON	0.16		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	MAGNESIUM	15.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	MANGANESE	0.20		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	POTASSIUM	2.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	SODIUM	65.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	BICARBONATE ALK	253		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	CHLORIDE	131		MG/L	0.6	2			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	16887006	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	SULFATE	10.2		MG/L	1.2	4.0			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	14808798	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	TDS	534		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	SWXXEXAD1	SAM200516	SAM200516-08	SWXXEXAD1	ME	10/18/2016	9:00	SW	NA	TOC	2.2		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	CALCIUM	111		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	IRON	0.24		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	MAGNESIUM	13.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	MANGANESE	0.19		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	POTASSIUM	2.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	SODIUM	65.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	BICARBONATE ALK	230		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	CHLORIDE	96.3		MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	16887006	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	SULFATE	11.0		MG/L	1.2	4.0			SW9056		10/27/2016	10/27/2016	7:14			2	NA	TRG	U	GS	14808798	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	TDS	557		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	SWDP2XACB	SAM200516	SAM200516-09	SWDP2XACB	ME	10/18/2016		SW	D	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	ARSENIC	0.209		MG/L	0.004	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	2	NA	TRG	U	GS	7440382	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	CALCIUM	30.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	COBALT	0.066		MG/L	0.006	0.020			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	2	NA	TRG	U	GS	7440484	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	IRON	14.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	LEAD		U	MG/L	0.002	0.006			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	2	NA	TRG	U	GS	7439921	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	MAGNESIUM	311		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	10	NA	TRG	U	GS	7439954	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	MANGANESE	0.16		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	NICKEL	0.425		MG/L	0.004	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	2	NA	TRG	U	GS	7440020	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	POTASSIUM	692		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	10	NA	TRG	U	GS	7440097	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	SODIUM	2756		MG/L	5	15			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	50	NA	TRG	U	GS	7440235	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	BICARBONATE ALK	6870		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	CHLORIDE	11400		MG/L	60	200			SW9056		10/27/2016	10/27/2016	7:14			200	NA	TRG	U	GS	16887006	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	SULFATE	3340		MG/L	120	400			SW9056		10/27/2016	10/27/2016	7:14			200	NA	TRG	U	GS	14808798	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	TDS	10410		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	LTXXXXAE0	SAM200516	SAM200516-10	LTXXXXAE0	ME	10/18/2016	15:00	L	NA	TOC	1510		MG/L	35	100			SW9060A		10/25/2016	10/25/2016	7:25			50	NA	TRG	U	GS	DEP2001	U

PROJECTSITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	ARSENIC	0.581		MG/L	0.010	0.025			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7440382	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	CALCIUM	179		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7440702	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	COBALT		U	MG/L	0.015	0.050			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7440484	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	IRON	5.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7439896	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	LEAD		U	MG/L	0.005	0.015			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7439921	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	MAGNESIUM	192		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7439954	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	MANGANESE	0.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7439965	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	NICKEL	0.119		MG/L	0.010	0.025			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	5	NA	TRG	U	GS	7440020	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	POTASSIUM	2087		MG/L	5	15			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	50	NA	TRG	U	GS	7440097	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	SODIUM	5874		MG/L	5	15			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	50	NA	TRG	U	GS	7440235	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	BICARBONATE ALK	4900		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	CHLORIDE	19200		MG/L	60	200			SW9056		10/27/2016	10/27/2016	7:14			200	NA	TRG	U	GS	16887006	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	SULFATE	2260		MG/L	120	400			SW9056		10/27/2016	10/27/2016	7:14			200	NA	TRG	U	GS	14808798	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	TDS	21490		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	LTLCSXAD3	SAM200516	SAM200516-11	LTLCSXAD3	ME	10/18/2016	13:20	L	NA	TOC	2020		MG/L	35	100			SW9060A		10/25/2016	10/25/2016	7:25			50	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	ARSENIC	0.648		MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	CALCIUM	83.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	COBALT	0.045		MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	IRON	21.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	LEAD	0.005		MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	MAGNESIUM	54.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	MANGANESE	0.84		MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	NICKEL	0.303		MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	POTASSIUM	209		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	10	NA	TRG	U	GS	7440097	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	SODIUM	1254		MG/L	1	3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	10	NA	TRG	U	GS	7440235	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	BICARBONATE ALK	2890		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	CHLORIDE	1480		MG/L	9	30			SW9056		10/28/2016	10/28/2016	7:11			30	NA	TRG	U	GS	16887006	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	SULFATE	31.0		MG/L	9.0	30.0			SW9056		10/27/2016	10/27/2016	7:14			15	NA	TRG	U	GS	14808798	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	TDS	4540		MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	LTPDPXAD2	SAM200516	SAM200516-12	LTPDPXAD2	ME	10/18/2016	14:00	L	NA	TOC	399		MG/L	35	100			SW9060A		10/25/2016	10/25/2016	7:25			50	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	ARSENIC						96		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	CALCIUM						93		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	COBALT						101		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	IRON						97		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	LEAD						99		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	MAGNESIUM						96		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	MANGANESE						97		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	NICKEL						103		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	POTASSIUM						94		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	11/4/2016	8:00	AQ	LCS	SODIUM						91		SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		SC	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/31/2016	9:15	AQ	LCS	BICARBONATE ALK						101		SM2320B		10/31/2016	10/31/2016	9:15					SC	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/31/2016	9:15	AQ	LCS	BICARBONATE ALK						98		SM2320B		10/31/2016	10/31/2016	9:15					SC	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/27/2016	7:14	AQ	LCS	CHLORIDE						99		SW9056		10/27/2016	10/27/2016	7:14			1		SC	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/28/2016	7:11	AQ	LCS	CHLORIDE						98		SW9056		10/28/2016	10/28/2016	7:11			1		SC	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/27/2016	7:14	AQ	LCS	SULFATE						97		SW9056		10/27/2016	10/27/2016	7:14			1		SC	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/24/2016	12:50	AQ	LCS	TDS						99		SM2540C		10/24/2016	10/24/2016	12:50					SC	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200516	LCS	LCS	ME	10/25/2016	7:25	AQ	LCS	TOC						106		SW9060A		10/25/2016	10/25/2016	7:25			1		SC	NA	NA	DEP2001	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	CALCIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	MAGNESIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	MANGANESE		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	POTASSIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	11/4/2016	8:00	AQ	LB	SODIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/4/2016	11/7/2016	11:45	11/4/2016	8:00	1		TRG	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/31/2016	9:15	AQ	LB	BICARBONATE ALK		U	MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15					TRG	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/31/2016	9:15	AQ	LB	BICARBONATE ALK		U	MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15					TRG	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/27/2016	7:14	AQ	LB	CHLORIDE		U	MG/L	0.3	1.0			SW9056		10/27/2016	10/27/2016	7:14			1		TRG	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/28/2016	7:11	AQ	LB	CHLORIDE		U	MG/L	0.3	1.0			SW9056		10/28/2016	10/28/2016	7:11			1		TRG	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/27/2016	7:14	AQ	LB	SULFATE		U	MG/L	0.6	2.0			SW9056		10/27/2016	10/27/2016	7:14			1		TRG	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/24/2016	12:50	AQ	LB	TDS		U	MG/L	10	10			SM2540C		10/24/2016	10/24/2016	12:50					TRG	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200516	BLANK	BLANK	ME	10/25/2016	7:25	AQ	LB	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1		TRG	NA	NA	DEP2001	NA

SAM2005-16

ANALTICAL METHOD LIST FOR SELECTED SAMPLES

Pinetree Landfill

Code	Name	# Bottles	Bottle Size	Preservative	Filtered	Hold Time (days)
Round: 110						
FP	FIELD PARAMETERS	1	1000 ML(P)		No	
INO-16	CL,SO4,BICARBONATE,TDS	1	1000 ML(P)	4C	No	7
INO-23	Ca,Fe,Mg,Na,K,As,Mn	1	250 ML(P)	4C HNO3 ph<2	No	180
INO-2L	TOC - unfiltered	1	40 ML(G)	4 C, H2SO4 to pH<2	No	28
INO-3Y	Ca,Fe,Mg,Na,K,As,Pb,Mn,Ni,Co	1	250 ML(P)	4C HNO3 ph<2	No	180
METHANE,ETHENE,ETHAN	METHANE ETHANE ETHENE	2	40 ML(G)	4C,H2SO4	No	7
VOA - SPEC. METHODS	Most parameters by standard 8260c reporting limits with lower reporting limits and methods as shown below - see Jackie Villinski for details	8	40 ml (G)	4 C, HCL to pH<2	No	7

HAB
11-17-16

Eastern Analytical, Inc.

professional laboratory & drilling services

Jackie Villinski
Maine Environmental Laboratory
One Main Street
Yarmouth , ME 04096

ACCREDITED IN ACCORDANCE WITH nelac

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 161905
Client Identification: SAM2006-16
Date Received: 10/21/2016

Dear Ms. Villinski :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw — Lorraine Olashaw, Lab Director

10.31.16 — Date

11 — # of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Temperature upon receipt (°C): 0 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
161905.01	BTXXXXADG	10/21/16	10/19/16	aqueous		Adheres to Sample Acceptance Policy
161905.02	GW641XAC9	10/21/16	10/19/16	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.
Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.
All results contained in this report relate only to the above listed samples.
References include:
1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater,20th Edition, 1998 and 22nd Edition, 2012
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Sample ID: BTXXXXADG

Lab Sample ID: 161905.01
Matrix: aqueous
Date Sampled: 10/19/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/24/16
Method: 8260B
Analyst: BAM

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**101 %R**	
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	
Toluene-d8 (surr)	**97 %R**	

LABORATORY REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Sample ID: GW641XAC9

Lab Sample ID: 161905.02
Matrix: aqueous
Date Sampled: 10/19/16
Date Received: 10/21/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/26/16
Method: 8260B
Analyst: BAM

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**102 %R**	
1,2-Dichlorobenzene-d4 (surr)	**83 %R**	
Toluene-d8 (surr)	**108 %R**	

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QC REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Chloromethane	< 2	19 (93 %R)	18 (89 %R) (4 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Vinyl chloride	< 0.2	21 (104 %R)	19 (95 %R) (9 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromomethane	< 2	18 (90 %R)	17 (84 %R) (7 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Chloroethane	< 5	21 (103 %R)	20 (101 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Trichlorofluoromethane	< 5	21 (103 %R)	20 (99 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Diethyl Ether	< 5	19 (94 %R)	19 (94 %R) (0 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Acetone	< 10	20 (106 %R)	20 (109 %R) (3 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
1,1-Dichloroethene	< 1	19 (95 %R)	18 (91 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Iodomethane	< 5	* 12 (61 %R)	* 11 (55 %R) (9 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Methylene chloride	< 5	19 (93 %R)	18 (91 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Carbon disulfide	< 5	25 (126 %R)	24 (121 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Acrylonitrile	< 20	20 (112 %R)	20 (115 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
trans-1,2-Dichloroethene	< 2	20 (98 %R)	18 (92 %R) (6 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Vinyl acetate	< 10	30 (125 %R)	30 (130 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1-Dichloroethane	< 2	21 (105 %R)	21 (103 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
cis-1,2-Dichloroethene	< 2	20 (98 %R)	19 (96 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
2-Butanone(MEK)	< 10	20 (92 %R)	20 (97 %R) (6 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Bromochloromethane	< 2	20 (98 %R)	19 (96 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Tetrahydrofuran(THF)	< 10	20 (123 %R)	30 (128 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Chloroform	< 2	21 (105 %R)	20 (102 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,1-Trichloroethane	< 2	21 (105 %R)	20 (101 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Carbon tetrachloride	< 2	21 (107 %R)	21 (103 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Benzene	< 1	20 (101 %R)	20 (99 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichloroethane	< 2	20 (102 %R)	21 (103 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Trichloroethene	< 2	20 (102 %R)	20 (98 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichloropropane	< 2	20 (102 %R)	20 (101 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Dibromomethane	< 2	20 (99 %R)	21 (104 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromodichloromethane	< 0.5	24 (122 %R)	24 (120 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
4-Methyl-2-pentanone(MIBK)	< 10	20 (111 %R)	20 (114 %R) (3 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
cis-1,3-Dichloropropene	< 2	23 (115 %R)	23 (113 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Toluene	< 1	20 (99 %R)	19 (96 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
trans-1,3-Dichloropropene	< 2	21 (107 %R)	21 (106 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,2-Trichloroethane	< 2	19 (94 %R)	19 (95 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
2-Hexanone	< 10	20 (89 %R)	20 (94 %R) (5 RPD)	10/24/2016	ug/L	40 - 160	20	8260B
Tetrachloroethene	< 2	19 (97 %R)	19 (93 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Dibromochloromethane	< 2	22 (110 %R)	21 (107 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dibromoethane(EDB)	< 2	20 (98 %R)	20 (99 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Chlorobenzene	< 2	20 (98 %R)	19 (94 %R) (4 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,1,2-Tetrachloroethane	< 2	20 (101 %R)	20 (100 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Ethylbenzene	< 1	19 (96 %R)	19 (94 %R) (2 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
mp-Xylene	< 1	39 (97 %R)	38 (94 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
o-Xylene	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Styrene	< 1	19 (97 %R)	19 (94 %R) (3 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
Bromoform	< 2	18 (91 %R)	18 (90 %R) (1 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,1,2,2-Tetrachloroethane	< 2	23 (116 %R)	22 (108 %R) (7 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2,3-Trichloropropane	< 2	21 (105 %R)	20 (99 %R) (6 RPD)	10/24/2016	ug/L	70 - 130	20	8260B

QC REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
trans-1,4-dichloro-2-butene	< 5	* 42 (210 %R)	* 38 (191 %R) (10 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,4-Dichlorobenzene	< 1	22 (111 %R)	20 (100 %R) (10 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dichlorobenzene	< 1	22 (111 %R)	20 (100 %R) (10 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
1,2-Dibromo-3-chloropropane	< 2	19 (93 %R)	18 (88 %R) (5 RPD)	10/24/2016	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	101 %R	101 %R	105 %R	10/24/2016	% Rec	70 - 130	20	8260B
1,2-Dichlorobenzene-d4 (surr)	100 %R	98 %R	100 %R	10/24/2016	% Rec	70 - 130	20	8260B
Toluene-d8 (surr)	97 %R	96 %R	97 %R	10/24/2016	% Rec	70 - 130	20	8260B

Samples were extracted and analyzed within holding time limits.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
Sample surrogate recoveries met the above stated criteria.
The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.
There were no exceptions in the analyses, unless noted.
*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.
Analytes that exceed limits high but are not detected in the field samples do not impact the data. For analytes that show low recovery and are not detected in the field samples, a low point calibration standard has been analyzed to support the reporting limit.

QC REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 5	19 (94 %R)	19 (93 %R) (1 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
Chloromethane	< 0.2	17 (87 %R)	15 (75 %R) (15 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
Vinyl chloride	< 2	19 (94 %R)	19 (93 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Bromomethane	< 2	13 (63 %R)	14 (69 %R) (9 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
Chloroethane	< 5	19 (93 %R)	19 (97 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Trichlorofluoromethane	< 5	16 (80 %R)	18 (89 %R) (11 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Diethyl Ether	< 5	16 (81 %R)	17 (85 %R) (5 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Acetone	< 10	10 (55 %R)	10 (61 %R) (10 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
1,1-Dichloroethene	< 1	16 (82 %R)	16 (80 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
tert-Butyl Alcohol (TBA)	< 30	80 (80 %R)	80 (83 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Methylene chloride	< 5	18 (92 %R)	19 (95 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Carbon disulfide	< 5	20 (101 %R)	21 (103 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Methyl-t-butyl ether(MTBE)	< 5	18 (89 %R)	18 (92 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Ethyl-t-butyl ether(ETBE)	< 5	17 (86 %R)	17 (86 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Isopropyl ether(DIPE)	< 5	18 (91 %R)	18 (91 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
tert-amyl methyl ether(TAME)	< 5	17 (83 %R)	17 (84 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
trans-1,2-Dichloroethene	< 2	17 (87 %R)	17 (87 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1-Dichloroethane	< 2	18 (92 %R)	19 (94 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
2,2-Dichloropropane	< 2	18 (91 %R)	18 (91 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
cis-1,2-Dichloroethene	< 2	19 (95 %R)	19 (97 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
2-Butanone(MEK)	< 10	10 (72 %R)	20 (78 %R) (7 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
Bromochloromethane	< 2	17 (86 %R)	17 (87 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Tetrahydrofuran(THF)	< 10	20 (104 %R)	20 (104 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Chloroform	< 2	19 (95 %R)	19 (97 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1,1-Trichloroethane	< 2	19 (95 %R)	19 (94 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Carbon tetrachloride	< 2	22 (112 %R)	22 (110 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1-Dichloropropene	< 2	19 (93 %R)	18 (92 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Benzene	< 1	19 (93 %R)	18 (91 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2-Dichloroethane	< 2	19 (96 %R)	20 (98 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Trichloroethene	< 2	19 (93 %R)	18 (90 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2-Dichloropropane	< 2	19 (93 %R)	18 (90 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Dibromomethane	< 2	18 (91 %R)	19 (96 %R) (5 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Bromodichloromethane	< 0.5	21 (107 %R)	21 (106 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,4-Dioxane	< 50	< 50 (71 %R)	< 50 (94 %R) (27 RPD) !	10/26/2016	ug/L	40 - 160	20	8260B
4-Methyl-2-pentanone(MIBK)	< 10	20 (86 %R)	20 (87 %R) (2 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
cis-1,3-Dichloropropene	< 2	20 (98 %R)	20 (98 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Toluene	< 1	19 (93 %R)	18 (91 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
trans-1,3-Dichloropropene	< 2	20 (98 %R)	19 (93 %R) (5 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1,2-Trichloroethane	< 2	21 (104 %R)	20 (100 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
2-Hexanone	< 10	20 (80 %R)	20 (80 %R) (0 RPD)	10/26/2016	ug/L	40 - 160	20	8260B
Tetrachloroethene	< 2	19 (94 %R)	18 (90 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,3-Dichloropropane	< 2	21 (103 %R)	20 (101 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Dibromochloromethane	< 2	23 (116 %R)	22 (112 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2-Dibromoethane(EDB)	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Chlorobenzene	< 2	19 (96 %R)	19 (95 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1,1,2-Tetrachloroethane	< 2	22 (112 %R)	21 (107 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B

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QC REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	20 (100 %R)	20 (98 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
mp-Xylene	< 1	38 (96 %R)	38 (96 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
o-Xylene	< 1	19 (96 %R)	19 (96 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Styrene	< 1	19 (97 %R)	20 (98 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Bromoform	< 2	20 (98 %R)	19 (95 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
IsoPropylbenzene	< 1	20 (98 %R)	19 (97 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Bromobenzene	< 2	19 (94 %R)	19 (93 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,1,2,2-Tetrachloroethane	< 2	19 (95 %R)	19 (96 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2,3-Trichloropropane	< 2	20 (100 %R)	19 (96 %R) (4 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
n-Propylbenzene	< 1	20 (100 %R)	20 (99 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
2-Chlorotoluene	< 2	19 (97 %R)	19 (96 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
4-Chlorotoluene	< 2	20 (98 %R)	19 (97 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,3,5-Trimethylbenzene	< 1	20 (98 %R)	19 (97 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
tert-Butylbenzene	< 1	19 (96 %R)	19 (95 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2,4-Trimethylbenzene	< 1	20 (100 %R)	20 (99 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
sec-Butylbenzene	< 1	20 (99 %R)	19 (97 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,3-Dichlorobenzene	< 1	19 (97 %R)	19 (96 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
p-Isopropyltoluene	< 1	20 (98 %R)	20 (98 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,4-Dichlorobenzene	< 1	19 (97 %R)	19 (97 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2-Dichlorobenzene	< 1	19 (96 %R)	19 (95 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
n-Butylbenzene	< 1	20 (101 %R)	20 (99 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2-Dibromo-3-chloropropane	< 2	18 (91 %R)	18 (89 %R) (3 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,3,5-Trichlorobenzene	< 1	18 (90 %R)	18 (90 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2,4-Trichlorobenzene	< 1	18 (88 %R)	17 (87 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Hexachlorobutadiene	< 0.5	16 (82 %R)	16 (80 %R) (2 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
Naphthalene	< 5	18 (90 %R)	18 (89 %R) (0 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
1,2,3-Trichlorobenzene	< 1	18 (91 %R)	18 (90 %R) (1 RPD)	10/26/2016	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	100 %R	104 %R	105 %R	10/26/2016	% Rec	70 - 130	20	8260B
1,2-Dichlorobenzene-d4 (surr)	88 %R	84 %R	83 %R	10/26/2016	% Rec	70 - 130	20	8260B
Toluene-d8 (surr)	104 %R	106 %R	106 %R	10/26/2016	% Rec	70 - 130	20	8260B
1,2-Dichloroethane-d4 (surr)	112 %R	109 %R	112 %R	10/26/2016	% Rec	70 - 130	20	8260B

Samples were extracted and analyzed within holding time limits.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
Sample surrogate recoveries met the above stated criteria.
The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.
There were no exceptions in the analyses, unless noted.
*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.
Analytes that exceed limits high but are not detected in the field samples do not impact the data. For analytes that show low recovery and are not detected in the field samples, a low point calibration standard has been analyzed to support the reporting limit.

LABORATORY REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2006-16**

Client Sample ID:	BTXXXXADG
Lab Sample ID:	161905.01
Matrix:	aqueous
Date Sampled:	10/19/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	< 20	20	1	ug/L	10/26/16 13:56		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2006-16**

Client Sample ID:	GW641XAC9
Lab Sample ID:	161905.02
Matrix:	aqueous
Date Sampled:	10/19/16
Date Received:	10/21/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	< 20	20	1	ug/L	10/26/16 14:04		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

QC REPORT

EAI ID#: **161905**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2006-16**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Methane	< 20	960 (96 %R)		ug/L	10/26/16	85 - 115	20	*8015Bmod/

Samples were analyzed within holding times unless noted on the sample results page.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.
Exceptions to the above statements are flagged or noted above or on the QC Narrative page.
*/I Flagged analyte recoveries deviated from the QA/QC limits.

EAI

161905

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

ANALYSES (Specify Method: RCRA, NPDES, DW

REPORT TO: J. Villinski
TELEPHONE:
EMAIL:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: SAM2006-16
SAMPLER NAME:

SAMPLE RECEIVING
Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by:
Temp. °C

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	VOA 8260 40CFR, 47 compounds ADD I, part 250	methane									LAB ID/SUBCONTRACTOR
BTXXXXADG	4	vial		X	TB	X		HCl/≤6°C	10-19-16	0700	X										
↓	2	↓		X	↓	X		H_2SO_4/≤6°C	↓	↓		X									
GW641XAC9	4	↓		X	GW	X		HCl/≤6°C	↓	1005	X										
↓	2	↓		X	↓	X		H_2SO_4/≤6°C	↓	↓		X									

TURNAROUND REQUEST
☒ Standard 10/31
☐ Priority (SURCHARGE)
MEL 312G101-40

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL# 16016.00
☐ DW Compliance (sent to State)
☐ CC Results to

COMMENTS for VOA 8260: add diethyl ether + tetrahydrofuran
DL of ≤0.2 ug/L for vinyl chloride
Report to LOQ need ME cert 0°C

RELINQUISHED BY SAMPLER:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY: [signature]	DATE 10/21/16	TIME 10:10	RECEIVED BY: R. McFarland
RELINQUISHED BY: R. McFarland	DATE 10-21-16	TIME 1310	RECEIVED BY LABORATORY: [signature]

COC 12414 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

11-16-16

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

November 1, 2016

Ms. Jackie Villinski
Maine Environmental Laboratory
1 Main Street
Yarmouth,ME 04096

RE: Katahdin Lab Number: SJ8669
Project ID: SAM2006-16
Project Manager: Ms. Kristen Schultz
Sample Receipt Date(s): October 19, 2016

Dear Ms. Villinski:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to http://www.katahdinlab.com/cert.html for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES

Leslie Dimond

Authorized Signature

11/01/2016

Date

TECHNICAL NARRATIVE

Organics Analysis

The samples of Work Order SJ8669 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or for the specific methods listed below or on the Report of Analysis.

8260 SIM Analysis

The method blank WG193788-2 had a high recovery for the surrogate p-bromofluorobenzene, which was outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL, no further action was taken.

There were no other protocol deviations or observations noted by the organics laboratory staff.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

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Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8669-1
Client ID: BTXXXXADG
Project: SAM2006-16
SDG: SJ8669
Lab File ID: D6028.D

Sample Date: 19-OCT-16
Received Date: 19-OCT-16
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		104.	%			
1,2-Dichloroethane-d4		104.	%			
Toluene-D8		100.	%			
p-Bromofluorobenzene		85.9	%			

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Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8669-2
Client ID: GW641XAC9
Project: SAM2006-16
SDG: SJ8669
Lab File ID: D6029.D

Sample Date: 19-OCT-16
Received Date: 19-OCT-16
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		107.	%			
1,2-Dichloroethane-d4		108.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		89.9	%			

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : SAM2006-16
Lab File ID : D6027.D
Instrument ID : GCMS-D
Heated Purge : No

SDG : SJ8669
Lab Sample ID : WG193788-2
Date Analyzed : 31-OCT-16
Time Analyzed : 15:13

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG193788-1	D6025.D	10/31/16	13:51
BTXXXXADG	SJ8669-1	D6028.D	10/31/16	15:51
GW641XAC9	SJ8669-2	D6029.D	10/31/16	16:29

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http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client:
Lab ID: WG193788-2
Client ID: Method Blank Sample
Project:
SDG: SJ8669
Lab File ID: D6027.D

Sample Date:
Received Date:
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		102.	%			
1,2-Dichloroethane-d4		104.	%			
Toluene-D8		98.7	%			
p-Bromofluorobenzene	*	140.	%			

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

LCS Recovery Report

Client:
Lab ID: WG193788-1
Client ID: LCS
Project:
SDG: SJ8669
LCS File ID: D6025.D

Sample Date:
Received Date:
Extract Date: 31-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193788

Analysis Date: 31-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dibromoethane	100.	0.500	0.500	ug/L	70-130
1,2,3-Trichloropropane	104.	0.500	0.520	ug/L	70-130
1,2-dibromo-3-chloropropane	102.	0.500	0.510	ug/L	70-130
acrylonitrile	104.	2.50	2.60	ug/L	70-130
Dibromofluoromethane	86.3				70-130
1,2-Dichloroethane-d4	85.6				70-130
Toluene-D8	94.0				70-130
p-Bromofluorobenzene	98.6				70-130

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Katahdin Analytical Services, LLC. **Sample Receipt Condition Report**

Client: MEL	KAS PM: KSS	Sampled By: Client
Project:	KIMS Entry By: SO	Delivered By: KAS
KAS Work Order#: SJ8668, 8669	KIMS Review By: AMH	Received By: SO
SDG #:	Cooler: ___ of ___	Date/Time Rec.: 10-19-16 1700

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?				✓	
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.		✓			Temp (°C): 14.6
Samples received at <6 °C w/o freezing?		✓			Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?		✓			The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?				✓	
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?		✓			Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?	✓				
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	√ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				✓	
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.

QA-048 – Revision 6 – 07/20/2015

KAT

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

REPORT TO: J. Villinski
TELEPHONE:
EMAIL:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: SAM2006-16
SAMPLER NAME:

SJ8669

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	8260C SIM (low level)										LAB ID/SUBCONTRACTOR
BTXXXXADG	4	vial		X	TB	X		HCl/4°C	10-19-16	0700	X										
GW641XAC9	4	↓		X	GW	X		↓	↓	1005	X										

ANALYSES (Specify Method: RCRA, NPDES, DW, etc.)

FOR LAB USE ONLY
LABORATORY REPORT #

SAMPLE RECEIVING
Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by:
Temp. °C

TURNAROUND REQUEST
☒ Standard DB1
☐ Priority (SURCHARGE)

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL #16016-00
☐ DW Compliance (sent to State)
☐ CC Results to

COMMENTS VOC compounds:
1,2-dibromoethane (RL 0.05 ppb); 1,2,3-trichloropropane (RL 0.05 ppb)
1,2-dibromo-3-chloropropane (RL 0.2 ppb); acrylonitrile (best RL)
Report to LOQ

	DATE	TIME	
RELINQUISHED BY SAMPLER:			RECEIVED BY:
RELINQUISHED BY: K Balner	10-19-16	1608	RECEIVED BY: 1606
RELINQUISHED BY:	10-19-16	1654	RECEIVED BY LABORATORY:

COC 12414 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

Katahdin Analytical Services SJ8669 page 0000010 of 0000011

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 20, 2016
09:29 AM

Login Number: SJ8669

Account: MEL001 NoWeb
Maine Environmental Laboratory

Project: MEL8260

Primary Report Address:
Jackie Villinski
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096
Jackie@mel-lab.com

Primary Invoice Address:
Accounts Payable
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096

Report CC Addresses:
Invoice CC Addresses:

Quote/Incoming: --

Login Information:

ANALYSIS INSTRUCTIONS	:	
CHECK NO.	:	
CLIENT PO#	:	PTL #16016.00
CLIENT PROJECT MANAGE	:	
CONTRACT	:	
COOLER TEMPERATURE	:	14.6
DELIVERY SERVICES	:	KAS
EDD FORMAT	:	
LOGIN INITIALS	:	SO
PM	:	KSS
PROJECT NAME	:	SAM2006-16
QC LEVEL	:	I
REGULATORY LIST	:	
REPORT INSTRUCTIONS	:	email pdf to Jackie and melab@mel-lab.com. Invoice to melab@mel-lab.com
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SJ8669-1	BTXXXXADG	19-OCT-16 07:00	19-OCT-16			31-OCT-16	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S	SW8260SIM-S	02-NOV-16	40mL Vial+HCl		

SJ8669-2	GW641XAC9	19-OCT-16 10:05	19-OCT-16			31-OCT-16

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S	SW8260SIM-S	02-NOV-16	40mL Vial+HCl		

Total Samples: **2** ***Total Analyses:*** **2**

TAB
11-17-16

Eastern Analytical, Inc.
professional laboratory & drilling services

Jackie Villinski
Maine Environmental Laboratory
One Main Street
Yarmouth , ME 04096

ACCREDITED IN ACCORDANCE WITH nelac

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 161760
Client Identification: SAM2004-16
Date Received: 10/18/2016

Dear Ms. Villinski :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw
Lorraine Olashaw, Lab Director

10·28·16
Date

24
# of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Temperature upon receipt (°C): 1.8 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
161760.01	BTXXXXADE	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.02	GW802AACD	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.03	GW802BAD6	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.04	GW803AAD7	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.05	GW803BACE	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.06	GWDP1XACA	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.07	GW801AACC	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.08	DW103XADA	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.09	DWDP3XADD	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy
161760.1	DW109XADB	10/18/16	10/17/16	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.
Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.
All results contained in this report relate only to the above listed samples.
References include:
1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater,20th Edition, 1998 and 22nd Edition, 2012
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

Eastern Analytical, Inc. www.eailabs.com | 800.287.0525 | customerservice@eailabs.com

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: BTXXXXADE

Lab Sample ID: 161760.01
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**96 %R**	
1,2-Dichlorobenzene-d4 (surr)	**96 %R**	
Toluene-d8 (surr)	**100 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GW802AACD

Lab Sample ID: 161760.02
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**96 %R**	
1,2-Dichlorobenzene-d4 (surr)	**100 %R**	
Toluene-d8 (surr)	**98 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GW802BAD6

Lab Sample ID: 161760.03
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	**1.5**	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	**40**	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	**4**	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	**2**	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**95 %R**	
1,2-Dichlorobenzene-d4 (surr)	**96 %R**	
Toluene-d8 (surr)	**99 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GW803AAD7

Lab Sample ID: 161760.04
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	**0.3**	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	**61**	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	**4**	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**95 %R**	
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	
Toluene-d8 (surr)	**98 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GW803BACE

Lab Sample ID: 161760.05
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	**1.5**	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	**110**	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	**5**	2
cis-1,2-Dichloroethene	**4**	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**97 %R**	
1,2-Dichlorobenzene-d4 (surr)	**97 %R**	
Toluene-d8 (surr)	**99 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GWDP1XACA

Lab Sample ID: 161760.06
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	**1.6**	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	**120**	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	**5**	2
cis-1,2-Dichloroethene	**4**	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**96 %R**	
1,2-Dichlorobenzene-d4 (surr)	**100 %R**	
Toluene-d8 (surr)	**98 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: GW801AACC

Lab Sample ID: 161760.07
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	**0.4**	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	**34**	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	**10**	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	**3**	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	**4**	1
1,2-Dichlorobenzene	**1**	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**97 %R**	
1,2-Dichlorobenzene-d4 (surr)	**97 %R**	
Toluene-d8 (surr)	**100 %R**	

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Sample ID: DW109XADB

Lab Sample ID: 161760.1
Matrix: aqueous
Date Sampled: 10/17/16
Date Received: 10/18/16
Date of Extraction/Prep:
Dilution Factor: 1

Units: ug/L
Date of Analysis: 10/20/16
Method: 8260B
Analyst: VG

Parameter	Result	RL
Chloromethane	< 2	2
Vinyl chloride	< 0.2	0.2
Bromomethane	< 2	2
Chloroethane	< 5	5
Trichlorofluoromethane	< 5	5
Diethyl Ether	< 5	5
Acetone	< 10	10
1,1-Dichloroethene	< 1	1
Iodomethane	< 5	5
Methylene chloride	< 5	5
Carbon disulfide	< 5	5
Acrylonitrile	< 20	20
trans-1,2-Dichloroethene	< 2	2
Vinyl acetate	< 10	10
1,1-Dichloroethane	< 2	2
cis-1,2-Dichloroethene	< 2	2
2-Butanone(MEK)	< 10	10
Bromochloromethane	< 2	2
Tetrahydrofuran(THF)	< 10	10
Chloroform	< 2	2
1,1,1-Trichloroethane	< 2	2
Carbon tetrachloride	< 2	2
Benzene	< 1	1
1,2-Dichloroethane	< 2	2
Trichloroethene	< 2	2
1,2-Dichloropropane	< 2	2
Dibromomethane	< 2	2
Bromodichloromethane	< 0.5	0.5
4-Methyl-2-pentanone(MIBK)	< 10	10
cis-1,3-Dichloropropene	< 2	2
Toluene	< 1	1
trans-1,3-Dichloropropene	< 2	2
1,1,2-Trichloroethane	< 2	2
2-Hexanone	< 10	10
Tetrachloroethene	< 2	2
Dibromochloromethane	< 2	2
1,2-Dibromoethane(EDB)	< 2	2
Chlorobenzene	< 2	2
1,1,1,2-Tetrachloroethane	< 2	2
Ethylbenzene	< 1	1

Parameter	Result	RL
mp-Xylene	< 1	1
o-Xylene	< 1	1
Styrene	< 1	1
Bromoform	< 2	2
1,1,2,2-Tetrachloroethane	< 2	2
1,2,3-Trichloropropane	< 2	2
trans-1,4-dichloro-2-butene	< 5	5
1,4-Dichlorobenzene	< 1	1
1,2-Dichlorobenzene	< 1	1
1,2-Dibromo-3-chloropropane	< 2	2
4-Bromofluorobenzene (surr)	**97 %R**	
1,2-Dichlorobenzene-d4 (surr)	**99 %R**	
Toluene-d8 (surr)	**98 %R**	

QC REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Chloromethane	< 2	17 (84 %R)	16 (81 %R) (3 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
Vinyl chloride	< 0.2	17 (86 %R)	17 (86 %R) (0 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Bromomethane	< 2	10 (50 %R)	11 (57 %R) (12 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
Chloroethane	< 5	20 (101 %R)	19 (97 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Trichlorofluoromethane	< 5	19 (95 %R)	19 (93 %R) (2 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Diethyl Ether	< 5	18 (92 %R)	18 (88 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Acetone	< 10	20 (112 %R)	20 (101 %R) (10 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
1,1-Dichloroethene	< 1	18 (88 %R)	17 (84 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Iodomethane	< 5	* 11 (53 %R)	* 11 (54 %R) (2 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Methylene chloride	< 5	19 (93 %R)	18 (90 %R) (3 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Carbon disulfide	< 5	24 (118 %R)	23 (114 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Acrylonitrile	< 20	20 (109 %R)	20 (101 %R) (7 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
trans-1,2-Dichloroethene	< 2	19 (93 %R)	18 (90 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Vinyl acetate	< 10	20 (115 %R)	20 (109 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,1-Dichloroethane	< 2	20 (101 %R)	19 (97 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
cis-1,2-Dichloroethene	< 2	19 (96 %R)	18 (91 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
2-Butanone(MEK)	< 10	20 (87 %R)	20 (83 %R) (5 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
Bromochloromethane	< 2	21 (103 %R)	20 (99 %R) (3 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Tetrahydrofuran(THF)	< 10	20 (112 %R)	20 (107 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Chloroform	< 2	21 (105 %R)	20 (100 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,1,1-Trichloroethane	< 2	19 (96 %R)	18 (92 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Carbon tetrachloride	< 2	19 (96 %R)	19 (93 %R) (3 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Benzene	< 1	20 (99 %R)	19 (95 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2-Dichloroethane	< 2	20 (102 %R)	19 (96 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Trichloroethene	< 2	19 (96 %R)	19 (93 %R) (3 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2-Dichloropropane	< 2	20 (100 %R)	19 (96 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Dibromomethane	< 2	20 (101 %R)	19 (95 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Bromodichloromethane	< 0.5	23 (117 %R)	22 (112 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
4-Methyl-2-pentanone(MIBK)	< 10	20 (99 %R)	20 (93 %R) (7 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
cis-1,3-Dichloropropene	< 2	21 (107 %R)	20 (101 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Toluene	< 1	20 (99 %R)	19 (94 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
trans-1,3-Dichloropropene	< 2	21 (103 %R)	20 (99 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,1,2-Trichloroethane	< 2	19 (96 %R)	18 (92 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
2-Hexanone	< 10	20 (84 %R)	20 (78 %R) (7 RPD)	10/19/2016	ug/L	40 - 160	20	8260B
Tetrachloroethene	< 2	19 (93 %R)	17 (87 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Dibromochloromethane	< 2	21 (105 %R)	20 (101 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2-Dibromoethane(EDB)	< 2	20 (100 %R)	19 (93 %R) (7 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Chlorobenzene	< 2	21 (105 %R)	20 (101 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,1,1,2-Tetrachloroethane	< 2	20 (102 %R)	20 (98 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Ethylbenzene	< 1	19 (95 %R)	18 (92 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
mp-Xylene	< 1	38 (96 %R)	36 (91 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
o-Xylene	< 1	20 (99 %R)	19 (95 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Styrene	< 1	20 (98 %R)	18 (92 %R) (6 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
Bromoform	< 2	17 (84 %R)	16 (80 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,1,2,2-Tetrachloroethane	< 2	23 (113 %R)	22 (108 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2,3-Trichloropropane	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	10/19/2016	ug/L	70 - 130	20	8260B

QC REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
trans-1,4-dichloro-2-butene	< 5	* 36 (179 %R)	* 34 (170 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,4-Dichlorobenzene	< 1	22 (110 %R)	21 (105 %R) (5 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2-Dichlorobenzene	< 1	22 (109 %R)	21 (105 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
1,2-Dibromo-3-chloropropane	< 2	17 (83 %R)	16 (80 %R) (4 RPD)	10/19/2016	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	97 %R	101 %R	99 %R	10/19/2016	% Rec	70 - 130	20	8260B
1,2-Dichlorobenzene-d4 (surr)	99 %R	98 %R	99 %R	10/19/2016	% Rec	70 - 130	20	8260B
Toluene-d8 (surr)	98 %R	98 %R	98 %R	10/19/2016	% Rec	70 - 130	20	8260B

Samples were extracted and analyzed within holding time limits.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
Sample surrogate recoveries met the above stated criteria.
The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.
There were no exceptions in the analyses, unless noted.
*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.
Analytes that exceed limits high but are not detected in the field samples do not impact the data. For analytes that show low recovery and are not detected in the field samples, a low point calibration standard has been analyzed to support the reporting limit.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	BTXXXXADE
Lab Sample ID:	161760.01
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	< 20	20	1	ug/L	10/25/16 15:03		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GW802AACD
Lab Sample ID:	161760.02
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**50**	20	1	ug/L	10/25/16	15:10		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GW802BAD6
Lab Sample ID:	161760.03
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**1300**	20	1	ug/L	10/25/16	15:16		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GW803AAD7
Lab Sample ID:	161760.04
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**30**	20	1	ug/L	10/25/16 15:21		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GW803BACE
Lab Sample ID:	161760.05
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**250**	20	1	ug/L	10/25/16	15:26		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

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LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GWDP1XACA
Lab Sample ID:	161760.06
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**310**	20	1	ug/L	10/25/16	15:32		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	GW801AACC
Lab Sample ID:	161760.07
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**730**	20	1	ug/L	10/25/16 15:37		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	DW103XADA
Lab Sample ID:	161760.08
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed	Date Prepared	Method	Analyst
Methane	**50**	20	1	ug/L	10/25/16 15:48		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	DWDP3XADD
Lab Sample ID:	161760.09
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**60**	20	1	ug/L	10/25/16	15:54		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

LABORATORY REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**
Client Designation: **SAM2004-16**

Client Sample ID:	DW109XADB
Lab Sample ID:	161760.1
Matrix:	aqueous
Date Sampled:	10/17/16
Date Received:	10/18/16

	Result	RL	Dilution Factor	Units	Date / Time Analyzed		Date Prepared	Method	Analyst
Methane	**190**	20	1	ug/L	10/25/16	15:59		*8015Bmod/RSK	BAM

*8015Bmod/RSK-175 is the method used for methane analysis.

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QC REPORT

EAI ID#: **161760**

Client: **Maine Environmental Laboratory**

Client Designation: **SAM2004-16**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Methane	< 20	1000 (102 %R)		ug/L	10/25/16	85 - 115	20	*8015Bmo

Parameter Name	Duplicate Parent ID	Duplicate Parent	Duplicate	Units	Date of Analysis	RPD	Method
Methane	161760.07	730	730 (0 RPD)	ug/L	10/25/16	20	*8015Bmo

Samples were analyzed within holding times unless noted on the sample results page.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.
Exceptions to the above statements are flagged or noted above or on the QC Narrative page.
*/! Flagged analyte recoveries deviated from the QA/QC limits.

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

FOR LAB USE ONLY: 161760 23

ANALYSES (Specify Method: RCRA, NPDES, DW,)

REPORT TO: J. Villinski
TELEPHONE:
EMAIL:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: SAM2004-16
SAMPLER NAME:

Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by: KB 10-18-16
Temp. °C 2.1 KB 10-18-16

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	VOA 8260 40CFR, 47 compounds App I, part 258	Methane								LAB ID/SUBCONTRACTOR
BTXXXXADE	4	vial		X	TB	X		HCl/≤6°C	10-17-16	0800	X									
↓	2				GW			H_2SO_4/≤6°C		↓		X								
GW802AACD	4							HCl/≤6°C		1445	X									
↓	2							H_2SO_4/≤6°C		↓		X								
GW802BAD6	4							HCl/≤6°C		1350	X									
↓	2							H_2SO_4/≤6°C		↓		X								
GW803AAD7	4							HCl/≤6°C		0900	X									
↓	2							H_2SO_4/≤6°C		↓		X								
GW803BACE	4							HCl/≤6°C		1005	X									
↓	2							H_2SO_4/≤6°C		↓		X								
GWDP1XACA	4							HCl/≤6°C		—	X									
↓	2	↓		↓	↓	↓		H_2SO_4/≤6°C	↓	—		X								

TURNAROUND REQUEST
☒ Standard 10/28
☐ Priority (SURCHARGE)
MEL3120101-40

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL # 16016-00
☐ DW Compliance (sent to State)
☐ CC Results to

COMMENTS: * for VOA 8260: add diethyl ether + tetrahydrofuran
DL of ≤0.2 ug/L for vinyl chloride
Report to LOQ
need ME cert
1.8°C

RELINQUISHED BY SAMPLER:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY: Z Balyer	DATE 10-18-16	TIME 1200	RECEIVED BY: Terry Cromm
RELINQUISHED BY: Terry Cromm	DATE 10-18-16	TIME 1440	RECEIVED BY LABORATORY:

 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

CAJ

FOR LAB USE ONLY

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

161760 24

REPORT TO: J. Villinski | TELEPHONE | EMAIL

COMPANY | BILL TO / PURCHASE ORDER #

ADDRESS

PROJECT NAME: SAM2004-16 | SAMPLER NAME

ANALYSES (Specify Method: RCRA, NPDES, DW, etc)

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	* VOA 8260 (40 CFR, 47 compounds App I, part 256)	methane								LAB ID/SUBCONTRACTOR
GW801AACC	4	Vial		X	GW	X		HCl/4°C	10-17-16	1225	X									
↓	2	↓		↓	↓	↓		H_2SO_4/4°C	↓	↓		X								
DW103XADA	2							↓		1100		X								
DWDP3XADP	2									—		X								
DW109XADB	4							HCl/4°C	↓	1400	X									
↓	2	↓		↓	↓	↓		H_2SO_4/4°C	↓	↓		X								

SAMPLE RECEIPT
Within Hold Time? ☐Yes ☐No ☐N/A
Good Condition? ☐Yes ☐No ☐N/A
Preserved? ☐Yes ☐No ☐N/A
Custody Seal? ☐Yes ☐No ☐N/A
Del. by: _____
Temp. °C _____

TURNAROUND REQUEST
☒ Standard 10/28
☐ Priority (SURCHARGE)
MEL3120101-40

REPORTING REQUIREMENTS?
☐ Standard Report
☒ ME DEP EDD PTL #16016.00
☐ DW Compliance (sent to State)
☐ CC Results to _____

COMMENTS * for VOA 8260: add diethyl ether + tetrahydrofuran
DL of ≤0.2 ug/L for vinyl chloride
Report to LOQ
need ME Cert

RELINQUISHED BY SAMPLER:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY: Z Bolyn	DATE 10-18-16	TIME 1200	RECEIVED BY: Jerry Cram
RELINQUISHED BY: Jerry Cram	DATE 10-18-16	TIME 1440	RECEIVED BY LABORATORY:

HAD 11-16-16

Maine Environmental Laboratory

Report of Analyses

One Main Street Yarmouth, Maine 04096 Tel.: (207) 846-6569 Fax: (207) 846-9066 Email: melab@mel-lab.com

Dave Maher
Sevee & Maher Engineers, Inc.
P.O. Box 85A
Cumberland Center, ME 04021

Report Date: November 8, 2016

Report No.: SAM2006-16

Enclosed are the results of the analyses requested on your samples as received by the laboratory. Samples were received in acceptable condition and analyzed within method holding times with all quality control data within laboratory acceptance limits unless noted. Reporting detection limits are the minimum levels for reporting quantitative data. These limits are 3.18 times the method detection limit as defined in CFR 40 Part 136, Appendix B. Maine Environmental Laboratory is certified by Maine (cert. #2015007) and New Hampshire NELAP (NH ELAP) (cert. #2031). A list of certified parameters is available upon request. The results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the report. This report shall not be reproduced, except in full, without the written consent of the laboratory.

The complete report consists of the following sections:

- Maine Environmental Laboratory report
- Chain of Custody form
- Eastern Analytical Inc. report
- Katahdin Analytical Services report

Project Name/ID: PTL #16016.00

Date Received: 10/19/16

Sampler Name: B. Letiecq

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Jacquelyn R. Villinski, Laboratory Director

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	ARSENIC	0.007		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	CALCIUM	88.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	IRON	1.84		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	MAGNESIUM	26.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	MANGANESE	1.87		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	POTASSIUM	3.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	SODIUM	37.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	BICARBONATE ALK	265		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	CHLORIDE	75.7		MG/L	1.5	5.0			SW9056		10/28/2016	10/28/2016	7:14			5	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	SULFATE	27.4		MG/L	3.0	10.0			SW9056		10/28/2016	10/28/2016	7:14			5	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	TDS	471		MG/L	10	10			SM2540C		10/25/2016	10/25/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	NA	TOC	3.3		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	ARSENIC	0.013		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	CALCIUM	101		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	IRON	5.42		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	MAGNESIUM	18.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	MANGANESE	1.74		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	POTASSIUM	8.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	SODIUM	32.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	BICARBONATE ALK	290		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	CHLORIDE	70.8		MG/L	0.9	3.0			SW9056		10/28/2016	10/28/2016	7:14			3	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	SULFATE	41.5		MG/L	1.8	6.0			SW9056		10/28/2016	10/28/2016	7:14			3	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	TDS	477		MG/L	10	10			SM2540C		10/25/2016	10/25/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	NA	TOC	4.0		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	ARSENIC	0.035		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	CALCIUM	90.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	IRON	6.96		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	MAGNESIUM	11.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	MANGANESE	1.50		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	POTASSIUM	4.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	SODIUM	18.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	BICARBONATE ALK	257		MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	CHLORIDE	25.2		MG/L	0.3	1.0			SW9056		10/28/2016	10/28/2016	7:14			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	SULFATE	20.7		MG/L	0.6	2.0			SW9056		10/28/2016	10/28/2016	7:14			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	TDS	506		MG/L	10	10			SM2540C		10/25/2016	10/25/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	NA	TOC	4.5		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	ARSENIC						89		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	CALCIUM						90		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	COBALT						93		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	IRON						96		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	LEAD						90		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	MAGNESIUM						98		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	MANGANESE						98		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	NICKEL						90		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	POTASSIUM						96		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	SODIUM						92		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		SC	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	10/31/2016	9:15	AQ	LCS	BICARBONATE ALK						101		SM2320B		10/31/2016	10/31/2016	9:15					SC	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	10/28/2016	7:14	AQ	LCS	CHLORIDE						98		SW9056		10/28/2016	10/28/2016	7:14			1		SC	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	10/28/2016	7:14	AQ	LCS	SULFATE						97		SW9056		10/28/2016	10/28/2016	7:14			1		SC	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	10/25/2016	15:00	AQ	LCS	TDS						101		SM2540C		10/25/2016	10/25/2016	15:00					SC	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200616	LCS	LCS	ME	10/25/2016	7:25	AQ	LCS	TOC						106		SW9060A		10/25/2016	10/25/2016	7:25			1		SC	NA	NA	DEP2001	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	CALCIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	MAGNESIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	MANGANESE		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	POTASSIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	SODIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1		TRG	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	10/31/2016	9:15	AQ	LB	BICARBONATE ALK		U	MG/L	0.7	2.5			SM2320B		10/31/2016	10/31/2016	9:15					TRG	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	10/28/2016	7:14	AQ	LB	CHLORIDE		U	MG/L	0.3	1.0			SW9056		10/28/2016	10/28/2016	7:14			1		TRG	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	10/28/2016	7:14	AQ	LB	SULFATE		U	MG/L	0.6	2.0			SW9056		10/28/2016	10/28/2016	7:14			1		TRG	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	10/25/2016	15:00	AQ	LB	TDS		U	MG/L	10	10			SM2540C		10/25/2016	10/25/2016	15:00					TRG	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200616	BLANK	BLANK	ME	10/25/2016	7:25	AQ	LB	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:25			1		TRG	NA	NA	DEP2001	NA

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	L	TDS	489		MG/L	10	10			SM2540C		10/25/2016	10/25/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	ARSENIC	0.015		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	CALCIUM	103		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	IRON	5.51		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	MAGNESIUM	18.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	MANGANESE	1.75		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	POTASSIUM	8.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW641XAC9	SAM200616	SAM200616-02	GW641XAC9	ME	10/19/2016	10:05	GW	L	SODIUM	32.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	ARSENIC						101		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440382	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	CALCIUM						86		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440702	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	COBALT						94		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440484	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	IRON						92		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7439896	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	LEAD						95		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7439921	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	MAGNESIUM						99		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7439954	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	MANGANESE						89		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7439965	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	NICKEL						92		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440020	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	POTASSIUM						99		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440097	U
PTL #16016.00	GW123XAC5	SAM200616	SAM200616-01	GW123XAC5	ME	10/19/2016	11:15	GW	MS	SODIUM						91		SW6010B	SW3010A	11/2/2016	11/3/2016	14:15	11/2/2016	7:50	1	NA	SC	U	GS	7440235	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	MS	TOC						94		SW9060A		10/25/2016	10/25/2016	7:25			1	NA	SC	U	GS	DEP2001	U
PTL #16016.00	GW200XAC8	SAM200616	SAM200616-03	GW200XAC8	ME	10/19/2016	8:45	GW	MSD	TOC						95	0.3	SW9060A		10/25/2016	10/25/2016	7:25			1	NA	SC	U	GS	DEP2001	U

Maine Environmental Laboratory - QC Acceptance Limits						
Analyte	**Method**	**Sample Matrix**	**LCS % Recovery**	**Method Blanks**	**Duplicate % RPD**	**Matrix Spike % Recovery**
Metals	200.2 or 200.7	AQ	85% - 115%	<(2.2xMDL)	±10% [1]	70% - 130%
Metals	6010B	AQ	80% - 120%	< RDL	±20%	75% - 125%
Metals	6010B	S	80% - 120% [3]	< RDL	±20%	75% - 125%
Metals	6010B	Oils	80% - 120% [3]	< RDL	±20%	75% - 125%
Mercury	245.1	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Mercury	7470A	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Mercury	7471B	S	80% - 120% [3]	< RDL	±20% [2]	80% - 120%
Alkalinity	2320B	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
BOD_5	5210B	AQ	198 ±30.5 mg/L	<0.2 mg/L	±10% [1]	80% - 120%
COD	8000	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
pH	4500H	AQ	±0.1 pH units	NA	±0.1 pH units	NA
pH	9040C	AQ	±0.1 pH units	NA	<0.1 pH units	NA
pH	9045D	S	±0.1 pH units	NA	<0.1 pH units	NA
Phosphorus	365.3	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Br, Cl, F, NO_2, NO_3, SO_4	300.0	AQ	90% - 110%	< MDL	±10% [1]	90% - 110%
Br, Cl, F, NO_2, NO_3, SO_4	9056	AQ	90% - 110%	< MDL	±10% [1]	80% - 120%
Cl, NO_2, NO_3, SO_4	9056	S	90% - 110%	< MDL	±20% [2]	80% - 120%
Cyanide	4500BCEG	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Cyanide	9010C/9014	AQ	85% - 115%	< RDL	±20% [2]	80% - 120%
Cyanide	9010C/9014	S	85% - 115%	< RDL	±20% [2]	80% - 120%
TOC / DOC	5310B	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
TOC / DOC	9060A	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Conductivity	2510B or 9050A	AQ	80% - 120%	< RDL	±10% [4]	NA
Ammonia	4500NH3BE	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
TS	2540B	AQ	80% - 120%	< RDL	±10% [1]	NA
TDS	2540C	AQ	80% - 120%	< RDL	±10% [1]	NA
TSS	2540D	AQ	80% - 120%	< RDL	±10% [1]	NA
Oil&Grease	1664A or 9070A	AQ	78% - 114%	< MDL	±18%	78% - 114%
Non-Polar Material	1664A or 9070A	AQ	64% - 132%	< MDL	±34%	NA
TS / TVS	2540G	S	80% - 120%	< RDL	±5%	NA
[1] Duplicate RPD is ±10% @ >20X MDL, ±25% @<20X MDL for aqueous samples.						
[2] Duplicate RPD is ±20% @ >20X MDL, ±35% @<20X MDL for solid samples.						
[3] LCS % Recovery for spike into silica is ±20% of true value, LCS % Recovery for natural materials is ±30% of mean						
[4] Duplicate RPD is ±10% @ >20X RDL, ±25% @<20X RDL for aqueous samples.						
LCS: Laboratory Control Sample, RPD: relative percent difference, RDL: reporting detection limit, MDL: method detection limit						

SAM2006-16

ANALTICAL METHOD LIST FOR SELECTED SAMPLES
Pinetree Landfill

Code	Name	# Bottles	Bottle Size	Preservative	Filtered	Hold Time (days)
Round: 110						
FP	FIELD PARAMETERS	1	1000 ML(P)		No	
INO-16	CL,SO4,BICARBONATE,TDS	1	1000 ML(P)	4C	No	7
INO-23	Ca,Fe,Mg,Na,K,As,Mn	1	250 ML(P)	4C HNO3 ph<2	No	180
INO-2L	TOC - unfiltered	1	40 ML(G)	4 C, H2SO4 to pH<2	No	28
INO-3Y	Ca,Fe,Mg,Na,K,As,Pb,Mn,Ni.Co	1	250 ML(P)	4C HNO3 ph<2	No	180
METHANE,ETHENE,ETHAN	METHANE ETHANE ETHENE	2	40 ML(G)	4C,H2SO4	No	7
VOA - SPEC. METHODS	Most parameters by standard 8260c reporting limits with lower reporting limits and methods as shown below - see Jackie Villinski for details	3	40 ml (G)	4 C, HCL to pH<2	No	7

SAM 2006-16

CHAIN-OF-CUSTODY RECORD

SEVEE & MAHER ENGINEERS, INC. • P.O. BOX 85A • 4 BLANCHARD ROAD • CUMBERLAND CENTER, MAINE 04021 • (207)829-5016 • FAX (207)829-5692

EAI

CLIENT:	PROJECT NAME: PTL	PROJECT/P.O. #: 1601600	FILTERED (Y/N) N N N N N
REPORT TO: D. Maher	ADDRESS: See Above		PRESERVED 1 4 3 4 2
INVOICE TO:	ADDRESS: "		ANALYSIS REQUIRED (B) (C) (A)
SAMPLED BY: (PRINT) B. Letiecq	SAMPLER SIGNATURE: Brian Letiecq		

LEGEND FOR PRESERVATIVE
1 – 4° CELSIUS
2 – HCL
3 – HNO_3
4 – H_2SO_4
5 – $Na_2SO_3 + H_2SO_4$
6 – NaOH

ITEM NO.	SAMPLE IDENTIFICATION	DATE	TIME	COMPOSITE OR GRAB	W-WATER L-LIQUID S-SOLID	TOTAL NUMBER OF CONTAINERS	INO-16	INO-2	INO-3	methane, ethane, ethene	VOA-spec. methods				REMARKS	LAB SAMPLE #
1	BTXXXXADG	10-19-16	0700	Grab	W	10	–	–	–	2	8					
-01 2	GW123XAC5	↓	1115	↓	↓	3	1	1	1	–	–					
-02 3	GW641XAC9	↓	1005	↓	↓	13	1	1	1	2	8					
-03 4	GW200XAC8	↓	0845	↓	↓	3	1	1	1	–	–					
5																
6																
7																
8																
9		☆ See Page 2 of 3 For Codes/Methods info.														
10																
11																
12																
13																
14																
15															temp 0.1 °C -KB 10.19.16	

RELINQUISHED BY: Brian Letiecq	DATE: 10-19-16	TIME: 1520	RECEIVED BY: X Balzer	DATE: 10.19.16	TIME: 1520
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

A CHAIN OF CUSTODY IS REQUESTED WITH EACH SET OF SAMPLES

HAB
11-16-16

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

November 1, 2016

Ms. Jackie Villinski
Maine Environmental Laboratory
1 Main Street
Yarmouth,ME 04096

RE: Katahdin Lab Number: SJ8613
Project ID: SAM2004-16
Project Manager: Ms. Kristen Schultz
Sample Receipt Date(s): October 18, 2016

Dear Ms. Villinski:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to http://www.katahdinlab.com/cert.html for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES

Leslie Dimond

Authorized Signature

11/01/2016

Date

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-1
Client ID: BTXXXXADE
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6006.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		104.	%			
1,2-Dichloroethane-d4		107.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		86.0	%			

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-2
Client ID: GW802AACD
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6008.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		109.	%			
1,2-Dichloroethane-d4		109.	%			
Toluene-D8		102.	%			
p-Bromofluorobenzene		85.5	%			

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P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

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ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-3
Client ID: GW802BAD6
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6009.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		94.2	%			
1,2-Dichloroethane-d4		94.4	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		126.	%			

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Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-4
Client ID: GW803AAD7
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6010.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		103.	%			
1,2-Dichloroethane-d4		102.	%			
Toluene-D8		102.	%			
p-Bromofluorobenzene		84.9	%			

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Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-5
Client ID: GW803BACE
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6011.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		97.4	%			
1,2-Dichloroethane-d4		100.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		96.1	%			

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Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-6
Client ID: GWDP1XACA
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6012.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		97.2	%			
1,2-Dichloroethane-d4		96.7	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		94.9	%			

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-7
Client ID: GW801AACC
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6013.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		94.3	%			
1,2-Dichloroethane-d4		91.3	%			
Toluene-D8		99.8	%			
p-Bromofluorobenzene		98.5	%			

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Report of Analytical Results

Client: Maine Environmental Laboratory
Lab ID: SJ8613-8
Client ID: DW109XADB
Project: SAM2004-16
SDG: SJ8613
Lab File ID: D6014.D

Sample Date: 17-OCT-16
Received Date: 18-OCT-16
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		101.	%			
1,2-Dichloroethane-d4		102.	%			
Toluene-D8		102.	%			
p-Bromofluorobenzene		83.4	%			

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : SAM2004-16
Lab File ID : D6005.D
Instrument ID : GCMS-D
Heated Purge : No

SDG : SJ8613
Lab Sample ID : WG193624-2
Date Analyzed : 28-OCT-16
Time Analyzed : 12:57

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG193624-1	D6003.D	10/28/16	11:33
BTXXXXADE	SJ8613-1	D6006.D	10/28/16	13:35
GW802AACD	SJ8613-2	D6008.D	10/28/16	14:51
GW802BAD6	SJ8613-3	D6009.D	10/28/16	15:29
GW803AAD7	SJ8613-4	D6010.D	10/28/16	16:07
GW803BACE	SJ8613-5	D6011.D	10/28/16	16:45
GWDP1XACA	SJ8613-6	D6012.D	10/28/16	17:23
GW801AACC	SJ8613-7	D6013.D	10/28/16	18:00
DW109XADB	SJ8613-8	D6014.D	10/28/16	18:38

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Report of Analytical Results

Client:
Lab ID: WG193624-2
Client ID: Method Blank Sample
Project:
SDG: SJ8613
Lab File ID: D6005.D

Sample Date:
Received Date:
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 31-OCT-16

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
1,2-Dibromoethane	U	0.050	ug/L	1	.05	0.050
1,2,3-Trichloropropane	U	0.050	ug/L	1	.05	0.050
1,2-dibromo-3-chloropropane	U	0.050	ug/L	1	.05	0.050
acrylonitrile	U	0.25	ug/L	1	.25	0.25
Dibromofluoromethane		102.	%			
1,2-Dichloroethane-d4		102.	%			
Toluene-D8		101.	%			
p-Bromofluorobenzene		84.6	%			

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LCS Recovery Report

Client:
Lab ID: WG193624-1
Client ID: LCS
Project:
SDG: SJ8613
LCS File ID: D6003.D

Sample Date:
Received Date:
Extract Date: 28-OCT-16
Extracted By: ERL
Extraction Method: SW846 5030
Lab Prep Batch: WG193624

Analysis Date: 28-OCT-16
Analyst: ERL
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 01-NOV-16

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dibromoethane	82.0	0.500	0.410	ug/L	70-130
1,2,3-Trichloropropane	82.0	0.500	0.410	ug/L	70-130
1,2-dibromo-3-chloropropane	76.0	0.500	0.380	ug/L	70-130
acrylonitrile	76.0	2.50	1.90	ug/L	70-130
Dibromofluoromethane	88.5				70-130
1,2-Dichloroethane-d4	89.2				70-130
Toluene-D8	95.4				70-130
p-Bromofluorobenzene	93.4				70-130

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http://www.katahdinlab.com

Katahdin Analytical Services, LLC. **Sample Receipt Condition Report**

Client: MEL	KAS PM: KSS	Sampled By: Client
Project:	KIMS Entry By: SO	Delivered By: KAS
KAS Work Order#: SJ8613	KIMS Review By: AMH	Received By: SO
SDG #:	Cooler: ___ of ___	Date/Time Rec.: 10-18-16 1645

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?				✓	
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.		✓			Temp (°C): 13.1
Samples received at <6 °C w/o freezing?		✓			Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?		✓			The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?				✓	
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?		✓			Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles: **Aqueous:** No bubble larger than a pea?	✓				
Soil/Sediment: Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	√ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				✓	
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.

KAT

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: melab@mel-lab.com Web: MaineEnvironmentalLaboratory.com

FOR LAB USE ONLY
LABORATORY REPORT #

REPORT TO: J. Villinski
TELEPHONE:
EMAIL:
COMPANY:
BILL TO / PURCHASE ORDER #:
ADDRESS:
PROJECT NAME: SAM2004-16
SAMPLER NAME:

ANALYSES (Specify Method: RCRA, NPDES, DW, etc.)

SAMPLE RECEIVING
Within Hold Time? ❑Yes ❑No ❑N/A
Good Condition? ❑Yes ❑No ❑N/A
Preserved? ❑Yes ❑No ❑N/A
Custody Seal? ❑Yes ❑No ❑N/A
Del. by: _____
Temp. °C _____

SAMPLE IDENTIFICATION SJ8613	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE TYPE	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	8260C SIM (low level)									LAB ID/SUBCONTRACTOR
BTXXXXADE	4	vial		X	TB	X		HCl/4°C	10-17-16	0800	X									
GW802AACD	↓	↓		↓	GW	↓		↓	↓	1445	X									
GW802BAD6					↓					1350	X									
GW803AAD7										0900	X									
GW803BACE										1005	X									
GWDP1XACA										—	X									
GW801AACC										1225	X									
DW109XADB	↓	↓		↓	↓	↓		↓	↓	1400	X									

TURNAROUND REQUEST
☒ Standard 10/28
❑ Priority (SURCHARGE)

REPORTING REQUIREMENTS?
❑ Standard Report
☒ ME DEP EDD PTL # 16016-00
❑ DW Compliance (sent to State)
❑ CC Results to _____

COMMENTS VOC compounds:
1,2-dibromoethane (RL 0.05ppb); 1,2,3-trichloropropane (RL 0.05ppb)
1,2-dibromo-3-chloropropane (RL 0.2ppb); acrylonitrile (best RL)
Report to LOQ

	DATE	TIME	
RELINQUISHED BY SAMPLER:			RECEIVED BY:
RELINQUISHED BY:	DATE 10-18-16	TIME 1545	RECEIVED BY:
RELINQUISHED BY:	DATE 10-18-16	TIME 1645	RECEIVED BY LABORATORY:

COC 12414 It is the client's responsibility to check for accuracy prior to relinquishing samples. By executing this COC, the client has read and agrees to be bound by MEL's Terms & Conditions.

page 1 of 1

Katahdin Analytical Services SJ8613 page 00000015 of 00000017

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 19, 2016
01:36 PM

Quote/Incoming:

Login Number: SJ8613

Account: MEL001 NoWeb
Maine Environmental Laboratory

Project: MEL8260

Primary Report Address:
Jackie Villinski
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096
Jackie@mel-lab.com

Primary Invoice Address:
Accounts Payable
Maine Environmental Laboratory
1 Main Street

Yarmouth,ME 04096

Report CC Addresses:
Invoice CC Addresses:

Login Information:

ANALYSIS INSTRUCTIONS	:
CHECK NO.	:
CLIENT PO#	: PTL # 16016.00
CLIENT PROJECT MANAGE	:
CONTRACT	:
COOLER TEMPERATURE	: 13.1
DELIVERY SERVICES	: KAS
EDD FORMAT	:
LOGIN INITIALS	: SO
PM	: KSS
PROJECT NAME	: SAM2004-16
QC LEVEL	: I
REGULATORY LIST	:
REPORT INSTRUCTIONS	: email pdf to Jackie and melab@mel-lab.com. Invoice to melab@mel-lab.com
SDG ID	:
SDG STATUS	:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SJ8613-1	BTXXXXADE	17-OCT-16 08:00	18-OCT-16			28-OCT-16	
SJ8613-2	GW802AACD	17-OCT-16 14:45	18-OCT-16			28-OCT-16	
SJ8613-3	GW802BAD6	17-OCT-16 13:50	18-OCT-16			28-OCT-16	
SJ8613-4	GW803AAD7	17-OCT-16 09:00	18-OCT-16			28-OCT-16	
SJ8613-5	GW803BACE	17-OCT-16 10:05	18-OCT-16			28-OCT-16	
SJ8613-6	GWDP1XACA	17-OCT-16 00:00	18-OCT-16			28-OCT-16	
SJ8613-7	GW801AACC	17-OCT-16 12:25	18-OCT-16			28-OCT-16	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 19, 2016
01:36 PM

Login Number: SJ8613

Quote/Incoming:

Account: MEL001 NoWeb
Maine Environmental Laboratory

Project: MEL8260

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SJ8613-8	DW109XADB	17-OCT-16 14:00	18-OCT-16			28-OCT-16	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S	SW8260SIM-S	31-OCT-16	40mL Vial+HCl		

Total Samples: *8* ***Total Analyses:*** *8*

✓ HAB 11-16-16

Maine Environmental Laboratory

Report of Analyses

One Main Street Yarmouth, Maine 04096 Tel.: (207) 846-6569 Fax: (207) 846-9066 Email: melab@mel-lab.com

Dave Maher
Sevee & Maher Engineers, Inc.
P.O. Box 85A
Cumberland Center, ME 04021

Report Date: November 8, 2016

Report No.: SAM2004-16

Enclosed are the results of the analyses requested on your samples as received by the laboratory. Samples were received in acceptable condition and analyzed within method holding times with all quality control data within laboratory acceptance limits unless noted. Reporting detection limits are the minimum levels for reporting quantitative data. These limits are 3.18 times the method detection limit as defined in CFR 40 Part 136, Appendix B. Maine Environmental Laboratory is certified by Maine (cert. #2015007) and New Hampshire NELAP (NH ELAP) (cert. #2031). A list of certified parameters is available upon request. The results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the report. This report shall not be reproduced, except in full, without the written consent of the laboratory.

The complete report consists of the following sections:

- Maine Environmental Laboratory report
- Chain of Custody form
- Eastern Analytical Inc. report
- Katahdin Analytical Services report

Project Name/ID: PTL #16016.00

Date Received: 10/18/16

Sampler Name: P. Sevee

References

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes, USEPA, Cincinnati, Ohio, March 1983.
EPA1 - EPA/600/R-93/100 Methods for the Determination of Inorganic Substances in Environmental Samples, Aug. 1993.
EPA2 - EPA600/R-94/111 Methods for the Determination of Metals in Environmental Samples, Supplement 1, May 1994
EPA3-EPA/600/R-06/115,Determination of Trace Elements in DW by Axially Viewed ICP-Atomic Emission Spectrometry,Rev 4.2 Oct. 2003
CLP - USEPA CLP Statement of Work for Inorganic Superfund Methods, ISM01.2, Exh. D, Sec. 1.6, Jan. 2010.
HEX - EPA-821-R-98-002, Method 1664, Rev. A: N-Hexane Extractable Material by Extraction and Gravimetry, Feb. 1999.
HACH - Chemical Oxygen Demand, Method 8000, Hach Handbook of Water Analysis, Hach Chemical Company, 1979.
STM - Standard Methods for the Examination of Water and Wastewater, 18th edition, APHA,AWWA,WPCF, 1992.
SW8- SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates I-IV, 2007.
STM1 - Standard Methods for the Examination of Water and Wastewater, 20th edition, APHA,AWWA,WPCF, 1998.

Authorized signature Jacquelyn R. Villinski

Jacquelyn R. Villinski, Laboratory Director

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	CALCIUM	66.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	MAGNESIUM	9.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	MANGANESE		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	POTASSIUM	0.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	SODIUM	12.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	BICARBONATE ALK	182		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	CHLORIDE	13.0		MG/L	0.3	1.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	SULFATE	10.2		MG/L	0.6	2.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	TDS	254		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	NA	TOC	2.8		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	ARSENIC	0.058		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	CALCIUM	138		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	IRON	23.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	MAGNESIUM	51.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	MANGANESE	8.87		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	NICKEL	0.029		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	POTASSIUM	13.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	SODIUM	71.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	BICARBONATE ALK	575		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	CHLORIDE	113		MG/L	0.6	2			SW9056		10/24/2016	10/24/2016	9:11			2	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	SULFATE	5.6		MG/L	1.2	4.0			SW9056		10/24/2016	10/24/2016	9:11			2	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	TDS	877		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW802BAD6	SAM200416	SAM200416-02	GW802BAD6	ME	10/17/2016	13:50	GW	NA	TOC	8.7		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	ARSENIC	0.009		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	CALCIUM	222		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	5	NA	TRG	U	GS	7440702	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	COBALT	0.011		MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	MAGNESIUM	58.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	MANGANESE	2.29		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	NICKEL	0.009		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	POTASSIUM	2.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	SODIUM	22.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	BICARBONATE ALK	472		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	CHLORIDE	224		MG/L	3	10			SW9056		10/24/2016	10/24/2016	9:11			10	NA	TRG	U	GS	16887006	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	SULFATE		U	MG/L	6	20			SW9056		10/24/2016	10/24/2016	9:11			10	NA	TRG	U	GS	14808798	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	TDS	936		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	C
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	ARSENIC	0.007		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	CALCIUM	223		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	5	NA	TRG	U	GS	7440702	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	COBALT	0.057		MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	IRON	1.26		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	MAGNESIUM	46.9		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	MANGANESE	22.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	NICKEL	0.016		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	POTASSIUM	2.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	SODIUM	18.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	BICARBONATE ALK	628		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	CHLORIDE	87.9		MG/L	0.9	3.0			SW9056		10/24/2016	10/24/2016	9:11			3	NA	TRG	U	GS	16887006	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	SULFATE	13.6		MG/L	1.8	6.0			SW9056		10/24/2016	10/24/2016	9:11			3	NA	TRG	U	GS	14808798	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	TDS	858		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	C
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	C

PROJECTSITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	CALCIUM	91.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	MAGNESIUM	23.2		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	MANGANESE	2.04		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	POTASSIUM	1.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	SODIUM	27.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	BICARBONATE ALK	210		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	CHLORIDE	81.0		MG/L	0.6	2.0			SW9056		10/24/2016	10/24/2016	9:11			2	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	SULFATE	67.5		MG/L	1.2	4.0			SW9056		10/24/2016	10/24/2016	9:11			2	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	TDS	463		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	ARSENIC	0.005		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	CALCIUM	216		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	5	NA	TRG	U	GS	7440702	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	COBALT	0.056		MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	IRON	1.20		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	MAGNESIUM	46.6		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	MANGANESE	22.4		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	NICKEL	0.014		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	POTASSIUM	2.0		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	SODIUM	18.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	BICARBONATE ALK	629		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	CHLORIDE	84.4		MG/L	0.9	3.0			SW9056		10/24/2016	10/24/2016	9:11			3	NA	TRG	U	GS	16887006	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	SULFATE	13.7		MG/L	1.8	6.0			SW9056		10/24/2016	10/24/2016	9:11			3	NA	TRG	U	GS	14808798	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	TDS	855		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GWDP1XACA	SAM200416	SAM200416-06	GWDP1XACA	ME	10/17/2016		GW	D	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	ARSENIC	0.034		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	CALCIUM	108		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	IRON	5.15		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	MAGNESIUM	71.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	MANGANESE	2.59		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	NICKEL	0.114		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	POTASSIUM	77.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	SODIUM	265		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	5	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	BICARBONATE ALK	790		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	CHLORIDE	437		MG/L	3	10			SW9056		10/24/2016	10/24/2016	9:11			10	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	SULFATE		U	MG/L	6	20			SW9056		10/24/2016	10/24/2016	9:11			10	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	TDS	1475		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW801AACC	SAM200416	SAM200416-07	GW801AACC	ME	10/17/2016	12:25	GW	NA	TOC	29.4		MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	CALCIUM	43.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	MAGNESIUM	6.8		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	MANGANESE	0.55		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	POTASSIUM	1.1		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	SODIUM	39.5		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	BICARBONATE ALK	143		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	CHLORIDE	50.8		MG/L	0.3	1.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	SULFATE	11.1		MG/L	0.6	2.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	TDS	270		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW906BACG	SAM200416	SAM200416-08	GW906BACG	ME	10/17/2016	15:15	GW	NA	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	ARSENIC	0.010		MG/L	0.002	0.005			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	CALCIUM	35.0		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	COBALT		U	MG/L	0.003	0.010			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	IRON	0.45		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	LEAD		U	MG/L	0.001	0.004			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	MAGNESIUM	15.2		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	MANGANESE	0.16		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	NICKEL		U	MG/L	0.002	0.005			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	POTASSIUM	2.7		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	SODIUM	34.5		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	BICARBONATE ALK	157		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	CHLORIDE	42.5		MG/L	0.3	1.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	SULFATE	8.4		MG/L	0.6	2.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	TDS	243		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	NA	TOC		U	MG/L	0.7	2.0			SM5310B		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	ARSENIC	0.010		MG/L	0.002	0.005			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	CALCIUM	34.8		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	COBALT		U	MG/L	0.003	0.010			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	IRON	0.49		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	LEAD		U	MG/L	0.001	0.004			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	MAGNESIUM	15.8		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	MANGANESE	0.17		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	NICKEL		U	MG/L	0.002	0.005			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	POTASSIUM	2.7		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	SODIUM	34.7		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	BICARBONATE ALK	157		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	CHLORIDE	40.3		MG/L	0.3	1.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	SULFATE	8.1		MG/L	0.6	2.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	TDS	234		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	D	TOC		U	MG/L	0.7	2.0			SM5310B		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	ARSENIC		U	MG/L	0.002	0.005			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	CALCIUM	5.3		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	COBALT		U	MG/L	0.003	0.010			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	IRON	0.53		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	LEAD		U	MG/L	0.001	0.004			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	MAGNESIUM	14.8		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	MANGANESE		U	MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	NICKEL		U	MG/L	0.002	0.005			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	POTASSIUM	11.5		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	SODIUM	12.1		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	BICARBONATE ALK	78		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	CHLORIDE	12.0		MG/L	0.3	1.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	SULFATE		U	MG/L	0.6	2.0			E300.0		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	TDS	124		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	DW109XADB	SAM200416	SAM200416-11	DW109XADB	ME	10/17/2016	14:00	GW	NA	TOC	2.7		MG/L	0.7	2.0			SM5310B		10/25/2016	10/25/2016	7:27			1	NA	TRG	U	GS	DEP2001	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	8:00	AQ	LCS	ARSENIC						97		E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1		SC	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	CALCIUM						105		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	COBALT						104		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	IRON						108		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	8:00	AQ	LCS	LEAD						99		E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1		SC	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	MAGNESIUM						98		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	MANGANESE						106		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	NICKEL						103		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	POTASSIUM						96		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/27/2016	10:00	AQ	LCS	SODIUM						93		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		SC	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	ARSENIC						93		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	CALCIUM						94		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	COBALT						96		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	IRON						98		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	LEAD						94		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	MAGNESIUM						99		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	MANGANESE						100		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	NICKEL						93		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	POTASSIUM						96		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	11/2/2016	7:50	AQ	LCS	SODIUM						96		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		SC	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/24/2016	9:11	AQ	LCS	CHLORIDE						100		E300.0		10/24/2016	10/24/2016	9:11			1		SC	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/24/2016	9:11	AQ	LCS	SULFATE						95		E300.0		10/24/2016	10/24/2016	9:11			1		SC	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/25/2016	7:27	AQ	LCS	TOC						106		SM5310B		10/25/2016	10/25/2016	7:27			1		SC	NA	NA	DEP2001	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/28/2016	9:00	AQ	LCS	BICARBONATE ALK						100		SM2320B		10/28/2016	10/28/2016	9:00					SC	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/24/2016	9:11	AQ	LCS	CHLORIDE						100		SW9056		10/24/2016	10/24/2016	9:11			1		SC	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/24/2016	9:11	AQ	LCS	SULFATE						95		SW9056		10/24/2016	10/24/2016	9:11			1		SC	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/21/2016	15:00	AQ	LCS	TDS						99		SM2540C		10/21/2016	10/21/2016	15:00					SC	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200416	LCS	LCS	ME	10/25/2016	7:27	AQ	LCS	TOC						106		SW9060A		10/25/2016	10/25/2016	7:27			1		SC	NA	NA	DEP2001	NA

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	8:00	AQ	LB	ARSENIC		U	MG/L	0.002	0.005			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1		TRG	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	CALCIUM		U	MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	COBALT		U	MG/L	0.003	0.010			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	IRON		U	MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	8:00	AQ	LB	LEAD		U	MG/L	0.001	0.003			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1		TRG	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	MAGNESIUM		U	MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	MANGANESE		U	MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	NICKEL		U	MG/L	0.002	0.005			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	POTASSIUM		U	MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/27/2016	10:00	AQ	LB	SODIUM		U	MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1		TRG	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	ARSENIC		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440382	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	CALCIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440702	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	COBALT		U	MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440484	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7439896	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	LEAD		U	MG/L	0.001	0.004			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7439921	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	MAGNESIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7439954	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	MANGANESE		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7439965	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	NICKEL		U	MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440020	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	POTASSIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440097	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	11/2/2016	7:50	AQ	LB	SODIUM		U	MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1		TRG	NA	NA	7440235	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/24/2016	9:11	AQ	LB	CHLORIDE		U	MG/L	0.3	1.0			E300.0		10/24/2016	10/24/2016	9:11			1		TRG	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/24/2016	9:11	AQ	LB	SULFATE		U	MG/L	0.6	2.0			E300.0		10/24/2016	10/24/2016	9:11			1		TRG	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/25/2016	7:27	AQ	LB	TOC		U	MG/L	0.7	2.0			SM5310B		10/25/2016	10/25/2016	7:27			1		TRG	NA	NA	DEP2001	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/28/2016	9:00	AQ	LB	BICARBONATE ALK		U	MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00					TRG	NA	NA	DEP1019	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/24/2016	9:11	AQ	LB	CHLORIDE		U	MG/L	0.3	1.0			SW9056		10/24/2016	10/24/2016	9:11			1		TRG	NA	NA	16887006	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/24/2016	9:11	AQ	LB	SULFATE		U	MG/L	0.6	2.0			SW9056		10/24/2016	10/24/2016	9:11			1		TRG	NA	NA	14808798	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/21/2016	15:00	AQ	LB	TDS		U	MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00					TRG	NA	NA	DEP1007	NA
PTL #16016.00	QC	SAM200416	BLANK	BLANK	ME	10/25/2016	7:27	AQ	LB	TOC		U	MG/L	0.7	2.0			SW9060A		10/25/2016	10/25/2016	7:27			1		TRG	NA	NA	DEP2001	NA

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	L	CHLORIDE	12.8		MG/L	0.3	1.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	16887006	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	L	SULFATE	9.9		MG/L	0.6	2.0			SW9056		10/24/2016	10/24/2016	9:11			1	NA	TRG	U	GS	14808798	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	L	TDS	250		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	ARSENIC	0.008		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	CALCIUM	210		MG/L	1	3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	5	NA	TRG	U	GS	7440702	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	COBALT	0.012		MG/L	0.003	0.010			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	IRON		U	MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	LEAD		U	MG/L	0.001	0.003			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	MAGNESIUM	58.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	MANGANESE	2.27		MG/L	0.02	0.05			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	NICKEL	0.011		MG/L	0.002	0.005			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	POTASSIUM	2.7		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	GW803AAD7	SAM200416	SAM200416-03	GW803AAD7	ME	10/17/2016	9:00	GW	L	SODIUM	22.3		MG/L	0.1	0.3			SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	L	BICARBONATE ALK	209		MG/L	0.7	2.5			SM2320B		10/28/2016	10/28/2016	9:00				NA	TRG	NA	GS	DEP1019	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	ARSENIC	0.010		MG/L	0.002	0.005			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7440382	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	CALCIUM	35.2		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440702	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	COBALT		U	MG/L	0.003	0.010			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440484	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	IRON	0.49		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439896	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	LEAD		U	MG/L	0.001	0.004			E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	TRG	U	GS	7439921	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	MAGNESIUM	15.5		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439954	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	MANGANESE	0.16		MG/L	0.02	0.05			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7439965	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	NICKEL		U	MG/L	0.002	0.005			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440020	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	POTASSIUM	2.8		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440097	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	SODIUM	35.7		MG/L	0.1	0.3			E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	TRG	U	GS	7440235	U
PTL #16016.00	DWDP3XADD	SAM200416	SAM200416-10	DWDP3XADD	ME	10/17/2016		GW	L	TDS	256		MG/L	10	10			SM2540C		10/21/2016	10/21/2016	15:00				NA	TRG	NA	GS	DEP1007	U

PROJECT/SITE	SAMPLE_POINT_NAME	SAMPLE_DELIVERY_GROUP	LAB_SAMPLE_ID	SAMPLE_ID	ANALYSIS_LAB	SAMPLE_DATE	SAMPLE_TIME	SAMPLE_TYPE	QC_TYPE	PARAMETER_NAME	CONCENTRATION	LAB_QUALIFIER	PARAMETER_UNITS	MDL	REPORTING_LIMIT	% RECOVERY	RPD	TEST	PREP_METHOD	BATCH_ID	ANALYSIS_DATE	ANALYSIS_TIME	PREP_DATE	PREP_TIME	DILUTION_FACTOR	WEIGHT_BASIS	RESULT_TYPE_CODE	PARAMETER_FILTERED	SAMPLE_COLLECTION_METHOD	CAS_NO	TREATMENT_STATUS
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	MS	CHLORIDE						106		SW9056		10/24/2016	10/24/2016	9:11			1	NA	SC	U	GS	16887006	U
PTL #16016.00	GW802AACD	SAM200416	SAM200416-01	GW802AACD	ME	10/17/2016	14:45	GW	MS	SULFATE						108		SW9056		10/24/2016	10/24/2016	9:11			1	NA	SC	U	GS	14808798	U
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	MS	TOC						103		SW9060A		10/25/2016	10/25/2016	7:27			1	NA	SC	U	GS	DEP2001	U
PTL #16016.00	GW803BACE	SAM200416	SAM200416-04	GW803BACE	ME	10/17/2016	10:05	GW	MSD	TOC						103	0	SW9060A		10/25/2016	10/25/2016	7:27			1	NA	SC	U	GS	DEP2001	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	ARSENIC						106		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440382	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	CALCIUM						91		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440702	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	COBALT						96		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440484	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	IRON						97		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7439896	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	LEAD						100		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7439921	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	MAGNESIUM						99		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7439954	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	MANGANESE						99		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7439965	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	NICKEL						94		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440020	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	POTASSIUM						98		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440097	U
PTL #16016.00	GW914AACH	SAM200416	SAM200416-05	GW914AACH	ME	10/17/2016	11:04	GW	MS	SODIUM						93		SW6010B	SW3010A	11/2/2016	11/3/2016	11:30	11/2/2016	7:50	1	NA	SC	U	GS	7440235	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	ARSENIC						111		E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	SC	U	GS	7440382	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	CALCIUM						101		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7440702	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	COBALT						110		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7440484	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	IRON						104		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7439896	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	LEAD						103		E200.5	E200.5	11/2/2016	11/3/2016	16:45	11/2/2016	8:00	1	NA	SC	U	GS	7439921	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	MAGNESIUM						97		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7439954	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	MANGANESE						103		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7439965	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	NICKEL						109		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7440020	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	POTASSIUM						97		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7440097	U
PTL #16016.00	DW103XADA	SAM200416	SAM200416-09	DW103XADA	ME	10/17/2016	11:00	GW	MS	SODIUM						97		E200.7	E200.2	10/27/2016	10/28/2016	14:30	10/27/2016	10:00	1	NA	SC	U	GS	7440235	U

Maine Environmental Laboratory - QC Acceptance Limits						
Analyte	**Method**	**Sample Matrix**	**LCS % Recovery**	**Method Blanks**	**Duplicate % RPD**	**Matrix Spike % Recovery**
Metals	200.2 or 200.7	AQ	85% - 115%	<(2.2xMDL)	±10% [1]	70% - 130%
Metals	6010B	AQ	80% - 120%	< RDL	±20%	75% - 125%
Metals	6010B	S	80% - 120% [3]	< RDL	±20%	75% - 125%
Metals	6010B	Oils	80% - 120% [3]	< RDL	±20%	75% - 125%
Mercury	245.1	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Mercury	7470A	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Mercury	7471B	S	80% - 120% [3]	< RDL	±20% [2]	80% - 120%
Alkalinity	2320B	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
BOD_5	5210B	AQ	198 ±30.5 mg/L	<0.2 mg/L	±10% [1]	80% - 120%
COD	8000	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
pH	4500H	AQ	±0.1 pH units	NA	±0.1 pH units	NA
pH	9040C	AQ	±0.1 pH units	NA	<0.1 pH units	NA
pH	9045D	S	±0.1 pH units	NA	<0.1 pH units	NA
Phosphorus	365.3	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Br, Cl, F, NO_2, NO_3, SO_4	300.0	AQ	90% - 110%	< MDL	±10% [1]	90% - 110%
Br, Cl, F, NO_2, NO_3, SO_4	9056	AQ	90% - 110%	< MDL	±10% [1]	80% - 120%
Cl, NO_2, NO_3, SO_4	9056	S	90% - 110%	< MDL	±20% [2]	80% - 120%
Cyanide	4500BCEG	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Cyanide	9010C/9014	AQ	85% - 115%	< RDL	±20% [2]	80% - 120%
Cyanide	9010C/9014	S	85% - 115%	< RDL	±20% [2]	80% - 120%
TOC / DOC	5310B	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
TOC / DOC	9060A	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
Conductivity	2510B or 9050A	AQ	80% - 120%	< RDL	±10% [4]	NA
Ammonia	4500NH3BE	AQ	80% - 120%	< RDL	±10% [1]	80% - 120%
TS	2540B	AQ	80% - 120%	< RDL	±10% [1]	NA
TDS	2540C	AQ	80% - 120%	< RDL	±10% [1]	NA
TSS	2540D	AQ	80% - 120%	< RDL	±10% [1]	NA
Oil&Grease	1664A or 9070A	AQ	78% - 114%	< MDL	±18%	78% - 114%
Non-Polar Material	1664A or 9070A	AQ	64% - 132%	< MDL	±34%	NA
TS / TVS	2540G	S	80% - 120%	< RDL	±5%	NA
[1] Duplicate RPD is ±10% @ >20X MDL, ±25% @<20X MDL for aqueous samples.						
[2] Duplicate RPD is ±20% @ >20X MDL, ±35% @<20X MDL for solid samples.						
[3] LCS % Recovery for spike into silica is ±20% of true value, LCS % Recovery for natural materials is ±30% of mean						
[4] Duplicate RPD is ±10% @ >20X RDL, ±25% @<20X RDL for aqueous samples.						
LCS: Laboratory Control Sample, RPD: relative percent difference, RDL: reporting detection limit, MDL: method detection limit						

SAM2004-16

CHAIN–OF–CUSTODY RECORD

SEVEE & MAHER ENGINEERS, INC. • P.O. BOX 85A • 4 BLANCHARD ROAD • CUMBERLAND CENTER, MAINE 04021 • (207)829–5016 • FAX (207)829–5692

CLIENT:

PROJECT NAME: PTL

PROJECT/P.O. #: 16016.00

REPORT TO: Dave Maher

ADDRESS: see Above

INVOICE TO:

ADDRESS: "

SAMPLED BY: P Sevee (PRINT)

SAMPLER SIGNATURE:

ANALYSIS REQUIRED: (B) (C) (A) Methane Ethane Ethene (RSK-175 Modified) VOA-SPEC. Methods

LEGEND FOR PRESERVATIVE
1 – 4° CELSIUS
2 – HCL
3 – HNO_3
4 – H_2SO_4
5 – $Na_2SO_3 + H_2SO_4$
6 – NaOH

ITEM NO.	SAMPLE IDENTIFICATION	DATE	TIME	COMPOSITE OR GRAB	W–WATER L–LIQUID S–SOLID	TOTAL NUMBER OF CONTAINERS	FILTERED (Y/N)								REMARKS	LAB SAMPLE #
							N	N	N	N	N					
							PRESERVED									
							1	3	4	3	4	2				
							INO-16	INO-2L	INO-3L	Methane Ethane Ethene	VOA-SPEC. Methods					
1	BTXXXXADE	10-17-16	800	G	W	10	–	–	–	2	8				See pg 2 of 2 for calcs method	
-01 2	GW8Q2AACD		1445			13	1	1	1	2	8					
-02 3	GW8Q2BAD6		1350			13	1	1	1	2	8					INFO
-03 4	GW8Q3AADF		900			13	1	1	1	2	8					
-04 5	GW8Q3BACE		1005			13	1	1	1	2	8					
-05 6	GW914AACH		1104			3	1	1	1	–	–					
-06 7	GWDP1XACA		–			13	1	1	1	2	8					
-07 8	GW8Q1AACC		1225			13	1	1	1	2	8					
-08 9	GW9Q6BACG		1515			3	1	1	1	–	–					
-09 10	DW1Q3XADA		1100			5	1	1	1	2	–					
-10 11	DWDP3XADD		–			5	1	1	1	2	–					
-11 12	DW1Q9XADB		1400			13	1	1	1	2	8					
13																
14															temp 1.2°C KB 10 18 16	
15																

RELINQUISHED BY:	DATE: 10-17-16	TIME:	RECEIVED BY: Y Balyer DATE: 10 18 16 TIME: 0924
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY: DATE: TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY: DATE: TIME:

A CHAIN OF CUSTODY IS REQUESTED WITH EACH SET OF SAMPLES

SAM2004-16

Pg 2 of 2

ANALTICAL METHOD LIST FOR SELECTED SAMPLES
Pinetree Landfill

Code	Name	# Bottles	Bottle Size	Preservative	Filtered	Hold Time (days)
Round: 110						
FP	FIELD PARAMETERS	1	1000 ML(P)		No	
INO-16	CL,SO4,BICARBONATE,TDS	1	1000 ML(P)	4C	No	7
INO-23	Ca,Fe,Mg,Na,K,As,Mn	1	250 ML(P)	4C HNO3 ph<2	No	180
INO-2L	TOC - unfiltered	1	40 ML(G)	4 C, H2SO4 to pH<2	No	28
INO-3Y	Ca,Fe,Mg,Na,K,As,Pb,Mn,Ni,Co	1	250 ML(P)	4C HNO3 ph<2	No	180
METHANE,ETHENE,ETHAN	METHANE ETHANE ETHENE	2	40 ML(G)	4C,H2SO4	No	7
VOA - SPEC. METHODS	Most parameters by standard 8260c reporting limits with lower reporting limits and methods as shown below - see Jackie Villinski for details	8	40 ml (G)	4 C, HCL to pH<2	No	7

FALL 2016

RELATIVE PERCENT DIFFERENCE FOR DUPLICATE SAMPLES

PARAMETER CONCENTRATIONS THAT FALL OUTSIDE OF HISTORICAL RANGE

RATIO OF TOTAL DISSOLVED SOLIDS TO SPECIFIC CONDUCTANCE

SME
Sevee & Maher Engineers, Inc.

Relative Percent Difference For Duplicate Samples

Current Round

Pinetree Landfill

Relative Percent Difference (RPD) calculated for samples where results exceed 5 times the Reporting Limit (RL).

RPD = [|S-D|/{(S+D)/2}]*(100) where S = sample value and D = duplicate value

LOCATION	SAMPLE	DUPLICATE	SAMPLE DATE	PARAMETER	RL	S		D		RPD (%)	RPD>10%
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Methane (ug/L)	20	250		310		21.4	*
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Diethyl ether (ug/L)	5	110		120		8.7	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Iron (mg/L)	0.05	0.45		0.49		8.5	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Vinyl Chloride (ug/L)	0.2	1.5		1.6		6.5	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Chloride (mg/L)	1	42.5		40.3		5.3	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Iron (mg/L)	0.05	1.26		1.2		4.9	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Potassium (mg/L)	0.3	2.2		2.3		4.4	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Chloride (mg/L)	3	87.9		84.4		4.1	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Sodium (mg/L)	0.3	62.8		65.4		4.1	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Magnesium (mg/L)	0.3	15.2		15.8		3.9	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Total Dissolved Solids (mg/L)	10	243		234		3.8	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Calcium (mg/L)	3	223		216		3.2	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Bicarbonate (CaCO3) (mg/L)	2.5	235		230		2.2	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Calcium (mg/L)	3	109		111		1.8	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Manganese (mg/L)	0.3	22.8		22.4		1.8	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Cobalt (mg/L)	0.01	0.057		0.056		1.8	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Total Dissolved Solids (mg/L)	10	566		557		1.6	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Magnesium (mg/L)	0.3	13.7		13.9		1.4	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Magnesium (mg/L)	0.3	46.9		46.6		0.6	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Sodium (mg/L)	0.3	34.5		34.7		0.6	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Calcium (mg/L)	0.3	35		34.8		0.6	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Total Dissolved Solids (mg/L)	10	858		855		0.4	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Bicarbonate (CaCO3) (mg/L)	2.5	628		629		0.2	
SW-D	SWXXDXAD0	SWDP2XACB	10/18/2016	Chloride (mg/L)	2	96.2		96.3		0.1	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Sodium (mg/L)	0.3	18.7		18.7		0.0	
MW03-803B	GW803BACE	GWDP1XACA	10/17/2016	Potassium (mg/L)	0.3	2		2		0.0	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Potassium (mg/L)	0.3	2.7		2.7		0.0	
DW-103	DW103XADA	DWDP3XADD	10/17/2016	Bicarbonate (CaCO3) (mg/L)	2.5	157		157		0.0	

LOCATION	SAMPLE	DUPLICATE	SAMPLE DATE	PARAMETER	RL	S	D	RPD (%)	RPD>10%

* INDICATES RPD VALUES GREATER THAN 10%

Parameter Concentrations That Fall Outside Of Historical Range

Pinetree Landfill Current Round (Data Group: 48 ending: 10/31/2016)

PARAMETER/LOCATION	DATE	CONCENTRATION	HISTORICAL MINIMUM	HISTORICAL MAXIMUM	N
Specific Conductance (µmhos/cm @25°C)					
509A	10/18/2016	1234	357	**1208**	18
509B	10/18/2016	1249	580	**1136**	18
516B-B	10/18/2016	1141	400	**1125**	64
MW03-802B	10/17/2016	1587	643	**1323**	39
MW03-803A	10/17/2016	1455	437	**1440**	40
MW03-803B	10/17/2016	1497	432	**1480**	40
MW97-123	10/19/2016	780	**844**	1834	51
SW-A	10/18/2016	180	40	**156**	57
pH (STU)					
LCS-SI	10/18/2016	6.7	**7.5**	8.4	5
Temperature (Deg C)					
LCS-3C	10/18/2016	17.7	**20.6**	30.3	7
LCS-SI	10/18/2016	15.5	6.7	**9.7**	5
Water Level Depth (Feet)					
MW02-801B	10/17/2016	27.7	24.72	**27.65**	42
MW03-802A	10/17/2016	26.8	23.9	**26.06**	39
MW03-803A	10/17/2016	23.1	19.4	**22.25**	40
MW03-803B	10/17/2016	24.2	20.2	**23.6**	40
MW03-804A	10/17/2016	20.9	14.99	**20.8**	39
MW-916	10/18/2016	39.9	34.61	**39.8**	62
P-911B	10/19/2016	5.82	1.88	**4.9**	17
Water Level Elevation (MSL FT)					
MW02-801B	10/17/2016	84.91	**84.96**	87.89	42
MW03-802A	10/17/2016	93.92	**94.66**	96.82	39
MW03-803A	10/17/2016	102.66	**103.51**	106.36	40
MW03-803B	10/17/2016	101.21	**101.81**	105.04	40
MW03-804A	10/17/2016	116.61	**116.71**	122.52	39
MW-916	10/18/2016	99.06	**99.16**	104.52	62
P-911B	10/19/2016	99.85	**100.77**	103.79	17
Eh (mV)					
LCS-3C	10/18/2016	220	-101	**202**	7
MW03-803A	10/17/2016	355	36	**350**	40

NOTES:
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- Duplicate Samples are not compared to the historical range

N = Number of samples in the historical data set.

PARAMETER/LOCATION	DATE	CONCENTRATION	HISTORICAL MINIMUM	HISTORICAL MAXIMUM	N
Dissolved Oxygen (mg/L)					
MW03-802B	10/17/2016	3.6	0.4	**3**	39
MW-916	10/18/2016	0.2	**0.4**	10	62
Well Depth (Feet)					
MW98-601B	10/18/2016	15.07	14.3	**15.05**	11
Vinyl Chloride (ug/L)					
641	10/19/2016	0.2 U	**0.5** U	1	34
MW02-801A	10/17/2016	0.4	**0.5** U	2	22
MW03-802A	10/17/2016	0.2 U	**0.5** U	3	17
MW03-803A	10/17/2016	0.3	**0.5** U	3	13
MW03-803B	10/17/2016	1.5	**2.5**	20	17
MW-916	10/18/2016	0.2 U	**0.5** U	3	22
QCBT	10/17/2016	0.2 U	**0.5** U	2	109
QCBT	10/18/2016	0.2 U	**0.5** U	2	109
QCBT	10/19/2016	0.2 U	**0.5** U	2	109
1,1-Dichloroethane (ug/L)					
MW03-803B	10/17/2016	5	**6**	32	17
1,2,3-Trichloropropane (ug/L)					
MW03-803A	10/17/2016	0.05 U	**0.57**	0.57	13
Arsenic (mg/L)					
509B	10/18/2016	0.005 U	**0.009**	0.063	15
Calcium (mg/L)					
DW04-109	10/17/2016	5.3	**5.4**	180	11
LCS-3C	10/18/2016	179	**184**	522	6
LCS-SI	10/18/2016	30.8	**38**	56.5	5
SW-A	10/18/2016	17.3	4.1	**15**	57
SW-D	10/18/2016	109	7.2	**101**	57
SW-E	10/18/2016	109	12.3	**106**	56
Cobalt (mg/L)					
LCS-SI	10/18/2016	0.066	0.032	**0.065**	4
MW02-801A	10/17/2016	0.01 U	**0.011**	0.048	27
PDPS	10/18/2016	0.045	0.01 U	**0.014**	6
Iron (mg/L)					
516B-B	10/18/2016	1.83	0.02 U	**1.66**	65
LCS-3C	10/18/2016	5.5	**7.42**	23.4	6
LCS-SI	10/18/2016	14.5	0.52	**6.15**	5
MW03-802A	10/17/2016	0.05 U	**0.05**	31	39

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PARAMETER/LOCATION	DATE	CONCENTRATION	HISTORICAL MINIMUM	HISTORICAL MAXIMUM	N
Magnesium (mg/L)					
509B	10/18/2016	30.9	11.3	**29**	17
LCS-SI	10/18/2016	311	**455**	772	5
MW03-802A	10/17/2016	9.2	**10.7**	56.9	39
MW03-802B	10/17/2016	51.1	28	**48.7**	24
MW03-803B	10/17/2016	46.9	6.8	**42.2**	40
SW-A	10/18/2016	4	1	**3**	55
SW-D	10/18/2016	13.7	2	**13.5**	55
Manganese (mg/L)					
509B	10/18/2016	10.8	0.02 U	**8.97**	5
LCS-SI	10/18/2016	0.16	**0.46**	0.7	5
MW02-801A	10/17/2016	2.59	**2.86**	42	31
MW03-802A	10/17/2016	0.05 U	**0.81**	4.1	23
Nickel (mg/L)					
LCS-SI	10/18/2016	0.425	0.184	**0.377**	5
PDPS	10/18/2016	0.303	0.04 U	**0.244**	9
Potassium (mg/L)					
LCS-SI	10/18/2016	692	401	**588**	5
MW03-802A	10/17/2016	0.9	**1.2**	425	39
Sodium (mg/L)					
LCS-SI	10/18/2016	2756	1887	**2677**	5
MW03-802B	10/17/2016	71.3	11	**30.3**	24
MW97-123	10/19/2016	37.3	**38.1**	120	51
Total Dissolved Solids (mg/L)					
509B	10/18/2016	709	396	**700**	16
DW04-109	10/17/2016	124	**130**	496	6
LCS-SI	10/18/2016	10410	9078	**9665**	5
MW03-802A	10/17/2016	254	**268**	677	22
MW03-802B	10/17/2016	877	580	**670**	7
SW-A	10/18/2016	118	48	**100**	16
SW-C	10/18/2016	114	54	**97**	16
SW-D	10/18/2016	566	117	**497**	16
Sulfate (mg/L)					
LCS-SI	10/18/2016	3340	979	**2940**	5
P-914A	10/17/2016	67.5	11	**62.5**	60

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N = Number of samples in the historical data set.

PARAMETER/LOCATION	DATE	CONCENTRATION	HISTORICAL MINIMUM	HISTORICAL MAXIMUM	N
Bicarbonate (CaCO3) (mg/L)					
LCS-SI	10/18/2016	6870	5630	**6420**	5
MW03-802A	10/17/2016	182	**196**	462	39
P-914A	10/17/2016	210	**230**	440	60
SW-A	10/18/2016	49	10.5	**41**	57
Organic Carbon (mg/L)					
LCS-3C	10/18/2016	2020	436	**1700**	6
LCS-SI	10/18/2016	1510	31	**772**	5
MW03-802B	10/17/2016	8.7	0.5 U	**5.9**	24
Chloride (mg/L)					
LCS-SI	10/18/2016	11400	1710	**3480**	5
MW02-801A	10/17/2016	437	**454**	1940	42
MW97-123	10/19/2016	75.7	**75.9**	478	51
SW-A	10/18/2016	22.7	4.7	**19.8**	57
Turbidity (field) (NTU)					
LCS-SI	10/18/2016	0.6	**1**	8.9	5
MW98-601A	10/18/2016	4	0	**1.3**	49
Methane (ug/L)					
LCS-3C	10/18/2016	700	**1300**	5560	5
LCS-SI	10/18/2016	60	**180**	8750	5
MW03-802A	10/17/2016	50	**420**	9010	28
MW03-803A	10/17/2016	30	**40**	3570	25
MW03-803B	10/17/2016	250	**800**	7660	28
MW-917	10/18/2016	20	**100**	10000	27

NOTES:
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- Duplicate Samples are not compared to the historical range

N = Number of samples in the historical data set.

Ratio Of Total Dissolved Solids To Specific Conductance

Pinetree Landfill

Current Round

Results for samples showing the ratios of Total Dissolved Solids (TDS) to Specific Conductance (COND) that are outside the range 0.55-0.75 ((mg/L)/(µmhos/cm)) and those that are within the range.

LOCATION	SAMPLE	SAMPLE DATE	COND (µmhos/cm)	TDS (mg/L)	Ratio (mg/L)/(µmhos/cm)
Ratio Greater Than 0.75 (TDS/COND)					
200	GW200XAC8	10/19/2016	633	506	0.8
Ratio Less Than 0.55 (TDS/COND)					
LCS-3C	LTLCSXAD3	10/18/2016	40100	21490	0.54
516B-B	GW516BAC4	10/18/2016	1141	607	0.53
MW03-802A	GW802AACD	10/17/2016	491	254	0.52
DW-103	DW103XADA	10/17/2016	477	243	0.51
MW02-801A	GW801AACC	10/17/2016	2876	1475	0.51
PDPS	LTPDPXAD2	10/18/2016	9100	4540	0.5
DW04-109	DW109XADB	10/17/2016	260	124	0.48
MW-916	GW916XAC7	10/18/2016	883	283	0.32
Ratio Within 0.55-0.75 (TDS/COND)					
SW-E	SWXXEXAD1	10/18/2016	721	534	0.74
LCS-SI	LTXXXXAE0	10/18/2016	15120	10410	0.69
SW-A	SWXXAXACI	10/18/2016	180	118	0.66
MW03-803A	GW803AAD7	10/17/2016	1455	936	0.64
SW-D	SWXXDXAD0	10/18/2016	890	566	0.64
MW-917	GW917XACF	10/18/2016	906	542	0.6
MW97-123	GW123XAC5	10/19/2016	780	471	0.6
641	GW641XAC9	10/19/2016	822	477	0.58
MW-906B	GW906BACG	10/17/2016	469	270	0.58
509B	GW509BAC6	10/18/2016	1249	709	0.57
MW03-803B	GW803BACE	10/17/2016	1497	858	0.57
SW-C	SWXXCXACJ	10/18/2016	200	114	0.57
P-914A	GW914AACH	10/17/2016	847	463	0.55
MW03-802B	GW802BAD6	10/17/2016	1587	877	0.55

Note: Duplicate samples are not tested.