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February 23, 2016

Denise Nettesheim
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711



Subject: Maron Property – Site Investigation cost cap exceedence request (>\$20K).
BRRS #: 03-14-563925, PECFA #: 53916-9214-68

Dear Ms. Nettesheim,

A cost estimate (using Usual & Customary schedule of charges) is being submitted for completion of the site investigation at the subject property located at W9468 Iron Road in Beaver Dam, Wisconsin. This is required due to COMM 47 rule changes (Comm 47.337(2)) which requires WDNR approval to exceed the cap, meaning any costs incurred above \$20,000 after April 30, 2006, will not be eligible for reimbursement unless previously approved.

As of today's date, \$15,947.70 has been spent of the \$20,000 Site Investigation Cap, which included a workplan, Drilling Project (6 borings ranging from 10.5-14.5 feet bgs (bedrock ranged from 7 -10.5 feet bgs) with monitoring wells installed in four of the completed borings and one hand auger boring between the buildings) with 18 soil samples collected for field and/or laboratory analysis (VOC/PVOC, PAH, and Naphthalene), one round of groundwater monitoring from the four site monitoring wells and on-site private well for laboratory analysis (VOC, PAH, Nitrate/Nitrite, Sulfate, Dissolved Iron & Manganese), hydraulic conductivity testing, and survey.

The proposed workscope to complete the site investigation includes one additional round of groundwater monitoring from the site monitoring wells and private well for laboratory analysis (PVOC and PAH), waste disposal, and completion of the Soil and Groundwater Investigation Report. The cost estimate for the above work scope is as follows:

Groundwater Monitoring (one event)	\$ 943.20
Laboratory Analysis	\$ 501.70
Waste Disposal	\$ 959.70
Soil and Groundwater Investigation Report	\$4,728.90
Change Order Request	\$ 363.60
Total	\$7,497.10

METCO is requesting a cost cap exceedence in the amount of **\$3,444.80** (proposed additional costs to complete the investigation \$7,497.10 minus the remaining investigation budget \$4,052.30). This will bring the total site investigation costs to \$23,444.80.

Upon state approval of the proposed workscope and budget, METCO will proceed with the site investigation.

Attached are a site layout map, data tables, and draft standardized invoice form for the above workscope as required.

Should you have any questions, comments, or recommendations please contact me at our La Crosse office (608) 781-8879 or email at jasonp@metcohq.com.

Sincerely,

A handwritten signature in black ink that reads "Jason T. Powell". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Jason T. Powell
Staff Scientist

Attachments

c: Karen Maron – Client

A.2. Soil Analytical Results Table
Maron Property BRRTS #03-14-563925

Sampling Conducted on:	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	11/30/15			
VOC's											Bold = Groundwater RCL	Underline & Bold = Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID# Sample Depth/ft.	GP-1-S 0-4	GP-2-S 0-4	GP-3-S 0-4	GP-4-S 0-4	GP-5-S 0-4	GP-6-2 0-4	GP-7-S 0-4	GP-8-S 0-4	MW-1-2 6				
Solids Percent	87.1	87.7	84.3	79.6	88.2	81.4	84.1	80.3	88.9				
Benzene/ppm	< 0.32	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.8	0.00512	1.49	1820	
Bromobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	=	354	=	
Bromodichloromethane/ppm	< 0.3	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.75	0.000326	0.39	=	
Bromoform/ppm	< 0.46	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 1.15	0.00233	61.6	=	
tert-Butylbenzene/ppm	< 0.7	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 1.75	=	183	183	
sec-Butylbenzene/ppm	1.86 "J"	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	4.6 "J"	=	145	145	
n-Butylbenzene/ppm	8.3	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	29.9	=	108	108	
Carbon Tetrachloride/ppm	< 0.42	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 1.05	0.00388	0.85	=	
Chlorobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	=	392	=	
Chloroethane/ppm	< 0.9	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 2.25	0.227	=	=	
Chloroform/ppm	< 0.52	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 1.3	0.0033	0.42	=	
Chloromethane/ppm	< 5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 12.5	0.0155	171	=	
2-Chlorotoluene/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	=	=	=	
4-Chlorotoluene/ppm	< 0.64	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 1.6	=	=	=	
1,2-Dibromo-3-chloropropane/ppm	< 1.56	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 3.9	0.000173	0.01	=	
Dibromochloromethane/ppm	< 0.62	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 1.55	0.032	0.93	=	
1,4-Dichlorobenzene/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	0.144	3.48	=	
1,3-Dichlorobenzene/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	1.15	297	297	
1,2-Dichlorobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	1.17	376	376	
Dichlorodifluoromethane/ppm	< 0.86	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 2.15	3.08	135	=	
1,2-Dichloroethane/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	0.00284	0.61	540	
1,1-Dichloroethane/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.484	4.72	=	
1,1-Dichloroethene/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	0.00502	342	=	
cis-1,2-Dichloroethane/ppm	< 0.42	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 1.05	0.0412	156	=	
trans-1,2-Dichloroethane/ppm	< 0.48	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 1.2	0.0588	211	=	
1,2-Dichloropropane/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.00332	1.33	=	
2,2-Dichloropropane/ppm	< 2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	=	527	527	
1,3-Dichloropropane/ppm	< 0.62	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 1.55	=	1490	1490	
Di-isopropyl ether/ppm	< 0.24	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.6	=	2260	2260	
EDB (1,2-Dibromoethane)/ppm	< 0.7	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 1.75	0.0000282	0.05	=	
Ethylbenzene/ppm	42	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	125	1.57	7.47	480	
Hexachlorobutadiene/ppm	< 2.2	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 5.5	=	6.23	=	
Isopropylbenzene/ppm	5.4	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	12.7	=	=	=	
p-Isopropyltoluene/ppm	< 1.12	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 2.8	=	162	162	
Methylene chloride/ppm	< 4.4	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 11	0.00256	60.7	=	
Methyl tert-butyl ether (MTBE)/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.027	59.4	8870	
Naphthalene/ppm	11.2	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	30.3	0.659	5.15	=	
n-Propylbenzene/ppm	24.4	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	66	=	=	=	
1,1,2,2-Tetrachloroethane/ppm	< 0.26	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.65	0.000156	0.75	=	
1,1,1,2-Tetrachloroethane/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	0.0533	2.59	=	
Tetrachloroethane (PCE)/ppm	< 1.08	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 2.7	0.00454	30.7	=	
Toluene/ppm	16.5	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	50	1.11	818	818	
1,2,4-Trichlorobenzene/ppm	< 1.7	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 4.25	0.408	22.1	=	
1,2,3-Trichlorobenzene/ppm	< 2.4	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 6	=	48.9	=	
1,1,1-Trichloroethane/ppm	< 0.8	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 2	0.14	=	=	
1,1,2-Trichloroethane/ppm	< 0.66	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 1.65	0.00324	1.48	=	
Trichloroethene (TCE)/ppm	< 0.84	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 2.1	0.00358	0.64	=	
Trichlorofluoromethane/ppm	< 1.2	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 3	=	1120	=	
1,2,4-Trimethylbenzene/ppm	142	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	380*	1.38	89.8	219	
1,3,5-Trimethylbenzene/ppm	50	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	125		182	182	
Vinyl Chloride/ppm	< 0.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	0.000138	0.07	=	
m&p-Xylene/ppm	183	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	480*	3.94	258	258	
o-Xylene/ppm	63	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	171*				

NS = not sampled, NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences

*J Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.1 Groundwater Analytical Table
Maron Property BRRS #03-14-563925

Well Sampling Conducted on May 7, 2015

VOC's Well Name	GP-1-W	GP-2-W	GP-3-W	GP-4-W	GP-5-W	GP-6-W	GP-7-W	GP-8-W	ENFORCE MENT STANDARD = ES - Bold		PREVENTIVE ACTION LIMIT = PAL - Italics	
Benzene/ppb	< 44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	5	<i>0.5</i>		
Bromobenzene/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	==	==		
Bromodichloromethane/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	0.6	<i>0.06</i>		
Bromoform/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	4.4	<i>0.44</i>		
tert-Butylbenzene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==		
sec-Butylbenzene/ppb	124 "J"	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	==	==		
n-Butylbenzene/ppb	660	< 1	< 1	< 1	< 1	< 1	< 1	< 1	==	==		
Carbon Tetrachloride/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	5	<i>0.5</i>		
Chlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	==	==		
Chloroethane/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	400	<i>80</i>		
Chloroform/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	6	<i>0.6</i>		
Chloromethane/ppb	< 190	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	30	<i>3</i>		
2-Chlorotoluene/ppb	< 40	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	==	==		
4-Chlorotoluene/ppb	< 63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	==	==		
1,2-Dibromo-3-chloropropane/ppb	< 140	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	0.2	<i>0.02</i>		
Dibromochloromethane/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	60	<i>6</i>		
1,4-Dichlorobenzene/ppb	< 49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	75	<i>15</i>		
1,3-Dichlorobenzene/ppb	< 52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	600	<i>120</i>		
1,2-Dichlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	600	<i>60</i>		
Dichlorodifluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	1000	<i>200</i>		
1,2-Dichloroethane/ppb	< 54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	5	<i>0.5</i>		
1,1-Dichloroethane/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	850	<i>85</i>		
1,1-Dichloroethane/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	7	<i>0.7</i>		
cis-1,2-Dichloroethane/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	70	<i>7</i>		
trans-1,2-Dichloroethane/ppb	< 54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	100	<i>20</i>		
1,2-Dichloropropane/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	5	<i>0.5</i>		
2,2-Dichloropropane/ppb	< 310	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	==	==		
1,3-Dichloropropane/ppb	< 42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	==	==		
Di-isopropyl ether/ppb	< 44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==		
EDB (1,2-Dibromoethane)/ppb	< 63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	0.05	<i>0.005</i>		
Ethylbenzene/ppb	5500	< 0.71	2.78	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	700	<i>140</i>		
Hexachlorobutadiene/ppb	< 220	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	==	==		
Isopropylbenzene/ppb	590	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	==	==		
p-Isopropyltoluene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==		
Methylene chloride/ppb	< 130	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	5	<i>0.5</i>		
Methyl tert-butyl ether (MTBE)/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	60	<i>12</i>		
Naphthalene/ppb	1240	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	100	<i>10</i>		
n-Propylbenzene/ppb	2690	< 0.77	1.4 "J"	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	==	==		
1,1,2,2-Tetrachloroethane/ppb	< 52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	0.2	<i>0.02</i>		
1,1,1,2-Tetrachloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	70	<i>7</i>		
Tetrachloroethene (PCE)/ppb	< 74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	5	<i>0.5</i>		
Toluene/ppb	1120	0.61 "J"	1.39 "J"	< 0.44	0.48 "J"	< 0.44	< 0.44	0.6 "J"	800	<i>160</i>		
1,2,4-Trichlorobenzene/ppb	< 170	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	70	<i>14</i>		
1,2,3-Trichlorobenzene/ppb	< 270	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	==	==		
1,1,1-Trichloroethane/ppb	< 84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	200	<i>40</i>		
1,1,2-Trichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	5	<i>0.5</i>		
Trichloroethene (TCE)/ppb	< 47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	5	<i>0.5</i>		
Trichlorofluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	==	==		
1,2,4-Trimethylbenzene/ppb	16500	< 1.6	11.7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	Total TMB's 480		Total TMB's 96	
1,3,5-Trimethylbenzene/ppb	5100	< 1.5	3.8 "J"	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	0.2		0.02	
Vinyl Chloride/ppb	< 17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	300		60	
m&p-Xylene/ppb	19500	< 2.2	12	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	10		2	
o-Xylene/ppb	3900	< 0.9	3.7	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	300		60	
Nitrite Plus Nitrate, Dissolved/ppm									10		2	
Sulfate, Dissolved/ppm									300		60	
Iron, Dissolved/ppb												
Manganese, Dissolved/ppb												

NS = not sampled, NM = Not Measured
 Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
 == No Exceedences
 (ppb) = parts per billion (ppm) = parts per million

A.1 Groundwater Analytical Table
 Maron Property BRRTS #03-14-563925

Well MW-1

PVC Elevation = 884.27 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.47	7.80	NS	<44	1920	<110	550	830	4560	9990
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

PVC Elevation = 881.44 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	877.60	3.84	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

PVC Elevation = 879.52 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.09	3.43	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
 Maron Property BRRTS #03-14-563925

Well MW-4

PVC Elevation = 879.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.06	3.02	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
ENFORCEMENT STANDARDS = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well W9468 PW

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	NM	NM	NS	<0.43	<0.39	<1	<0.67	<0.45	<0.99	<1.40
ENFORCEMENT STANDARDS = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Marion Property BRRTS #03-14-563925

Well MW-1

Date	Acenaphthylene (ppb)	Acenaphthene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
07/27/16	<2	<2.1	<2	<1.9	<1.9	<1.9	<2.4	<1.8	<1.7	<2.5	<1.8	<1.7	<1.8	65	121	380	2.1	<1.8
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italics																		
(ppb) = parts per billion																		
(ppm) = parts per million																		
ns = not sampled																		
nm = not measured																		
Note: Elevations are presented in feet mean sea level (msl).																		

Well MW-2

Date	Acenaphthylene (ppb)	Acenaphthene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
07/27/16	<0.02	<0.021	<0.02	<0.019	<0.019	<0.019	<0.024	<0.018	<0.017	<0.025	0.022	<0.017	<0.018	<0.018	<0.017	<0.018	<0.017	0.020
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italics																		
(ppb) = parts per billion																		
(ppm) = parts per million																		
ns = not sampled																		
nm = not measured																		
Note: Elevations are presented in feet mean sea level (msl).																		

Well MW-3

Date	Acenaphthylene (ppb)	Acenaphthene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
07/27/16	<0.02	<0.021	<0.02	0.028	<0.019	<0.019	<0.024	<0.018	0.022	<0.025	0.029	<0.017	<0.018	0.021	0.025	0.024	0.021	0.027
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italics																		
(ppb) = parts per billion																		
(ppm) = parts per million																		
ns = not sampled																		
nm = not measured																		
Note: Elevations are presented in feet mean sea level (msl).																		

A.1 Groundwater Analytical Table
(PAH)
Maron Property BRRTS #03-14-563925

Well MW-4

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
01/21/16	<0.02	<0.021	0.042	0.126	0.093	0.75	0.095	0.084	0.138	0.043	0.14	<0.017	0.076	0.026	0.018	0.039	0.048	0.135
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italics																		
(ppb) = parts per billion																		
(ppm) = parts per million																		
ns = not sampled																		
nm = not measured																		
Note: Elevations are presented in feet mean sea level (msl).																		

Well W9468 PW

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
01/21/16																		
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italics																		
(ppb) = parts per billion																		
(ppm) = parts per million																		
ns = not sampled																		
nm = not measured																		
Note: Elevations are presented in feet mean sea level (msl).																		

A.1 Groundwater Analytical Table
 Maron Property BRRTS #03-14-563925

Well Sampling Conducted on:

Well Sampling Conducted on January 21, 2016

VOC's

Well Name	W9468 PW	ENFORCE MENT STANDARD = ES – Bold	PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>
Benzene/ppb	< 0.43	5	<i>0.5</i>
Bromobenzene/ppb	< 0.48	==	==
Bromodichloromethane/ppb	< 0.48	==	==
Bromoform/ppb	< 0.9	==	==
Bromomethane/ppb	< 2.6	==	==
Carbon Tetrachloride/ppb	< 0.51	==	==
Chlorobenzene/ppb	< 0.45	==	==
Chloroethane/ppb	< 0.46	==	==
Chloroform/ppb	< 0.44	==	==
Chloromethane/ppb	< 0.79	==	==
2-Chlorotoluene/ppb	< 0.39	==	==
4-Chlorotoluene/ppb	< 0.46	==	==
Dibromochloromethane/ppb	< 0.6	==	==
Dibromomethane/ppb	< 0.56	==	==
1,4-Dichlorobenzene/ppb	< 0.48	==	==
1,3-Dichlorobenzene/ppb	< 0.54	==	==
1,2-Dichlorobenzene/ppb	< 0.46	==	==
Dichlorodifluoromethane/ppb	< 0.91	==	==
1,2-Dichloroethane/ppb	< 0.48	5	<i>0.5</i>
1,1-Dichloroethane/ppb	< 0.98	850	<i>85</i>
1,1-Dichloroethene/ppb	< 0.52	==	==
cis-1,2-Dichloroethene/ppb	< 0.46	==	==
trans-1,2-Dichloroethene/ppb	< 0.49	70	<i>7</i>
1,2-Dichloropropane/ppb	< 0.5	==	==
2,2-Dichloropropane/ppb	< 2.1	==	==
1,3-Dichloropropane/ppb	< 0.42	==	==
trans-1,3-Dichloropropene/ppb	< 0.51	==	==
cis-1,3-Dichloropropene/ppb	< 0.44	==	==
1,1-Dichloropropene/ppb	< 0.58	==	==
Ethylbenzene/ppb	< 0.39	700	<i>140</i>
Hexachlorobutadiene/ppb	< 0.92	==	==
Isopropylbenzene/ppb	< 0.44	==	==
p-Isopropyltoluene/ppb	< 0.49	==	==
Methylene chloride/ppb	< 0.45	==	==
Methyl tert-butyl ether (MTBE)/ppb	< 1	60	<i>12</i>
Naphthalene/ppb	< 0.67	100	<i>10</i>
Styrene/ppb	< 0.4	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.53	==	==
1,1,1,2-Tetrachloroethane/ppb	< 0.52	==	==
Tetrachloroethene(PCE)/ppb	< 0.49	5	<i>0.5</i>
Toluene/ppb	< 0.45	800	<i>160</i>
1,2,4-Trichlorobenzene/ppb	< 0.55	==	==
1,1,1-Trichloroethane/ppb	< 0.35	==	==
1,1,2-Trichloroethane/ppb	< 0.55	==	==
Trichloroethene (TCE)/ppb	< 0.48	5	<i>0.5</i>
Trichlorofluoromethane/ppb	< 0.91	==	==
1,2,3-Trichloropropane/ppb	< 0.99	==	==
Trichlorotrifluoroethane/ppb	< 0.86	==	==
1,2,4-Trimethylbenzene/ppb	< 0.52	==	==
1,3,5-Trimethylbenzene/ppb	< 0.47	Total TMB's 480	<i>Total TMB's 96</i>
Vinyl Chloride/ppb	< 0.2	==	==
m&p-Xylene/ppb	< 0.85	==	==
o-Xylene/ppb	< 0.55	Total Xylenes 2000	<i>Total Xylenes 400</i>

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled, NM = Not Measured

Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

== = No Exceedances

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Usual and Customary Standardized Invoice #18
July 2015 - January 2016



RR-047A

PECFA #: 53916-9214-68
 BRRT's #: 03-14-563925
 Site Name: Maron Property
 Site Address: W9468 Iron Road, Beaver Dam, WI

Vendor Name: _____
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$7,497.10
 Variance to U&C Total \$-
 Grand Total \$7,497.10

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$69.00	5	\$345.00
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$598.20	1	\$598.20
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$130.60	1	\$130.60
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$40.10	1	\$40.10
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$103.00	5	\$515.00
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$274.00	1	\$274.00
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$4,728.90	1	\$4,728.90
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule	Lab Schedule	11	\$501.70
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$363.60	1	\$363.60

Variance
 Variance

Usual and Customary Standardized Invoice #18
July 2015 - January 2016



RR-047A

TOTAL LAB CHARGES \$501.70 TASK 33 11 \$501.70 TASK 24 0 \$-

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL			
AIR	A1	Benzene	SAMPLE	\$42.80		\$-			
AIR	A2	BETX	SAMPLE	\$47.10		\$-			
AIR	A3	GRO	SAMPLE	\$43.90		\$-			
AIR	A4	VOC's	SAMPLE	\$68.50		\$-			
WATER	W1	GRO/PVOC	SAMPLE	\$27.80		\$-			
WATER	W2	PVOC	SAMPLE	\$25.70	6	\$154.20			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$41.70		\$-			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$28.90		\$-			
WATER	W5	VOC	SAMPLE	\$68.50		\$-			
WATER	W6	PAH	SAMPLE	\$69.50	5	\$347.50			
WATER	W7	Lead	SAMPLE	\$11.80		\$-			
WATER	W8	Cadmium	SAMPLE	\$12.90		\$-			
WATER	W9	Hardness	SAMPLE	\$11.80		\$-			
WATER	W10	BOD, Total	SAMPLE	\$22.50		\$-			
WATER	W11	Nitrate	SAMPLE	\$10.70		\$-			
WATER	W12	Total Kjeldahl	SAMPLE	\$19.30		\$-			
WATER	W13	Ammonia	SAMPLE	\$16.10		\$-			
WATER	W14	Sulfate	SAMPLE	\$9.70		\$-			
WATER	W15	Iron	SAMPLE	\$9.70		\$-			
WATER	W16	Manganese	SAMPLE	\$9.70		\$-			
WATER	W17	Alkalinity	SAMPLE	\$9.70		\$-			
WATER	W18	methane	SAMPLE	\$43.90		\$-			
WATER	W19	Phosphorous	SAMPLE	\$17.20		\$-			
WATER	W20	VOC Method 524.2	SAMPLE	\$167.90		\$-			
WATER	W21	EDB Method 504	SAMPLE	\$90.90		\$-			
SOILS	S1	GRO	SAMPLE	\$23.60		\$-	MAX COST	SAMPLES	TOTAL
SOILS	S2	DRO	SAMPLE	\$28.90		\$-	\$23.60		\$-
SOILS	S3	GRO/PVOC	SAMPLE	\$26.80		\$-	\$28.90		\$-
SOILS	S4	PVOC	SAMPLE	\$24.60		\$-	\$26.80		\$-
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$47.10		\$-	\$24.60		\$-
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$34.30		\$-	\$47.10		\$-
SOILS	S7	VOC	SAMPLE	\$68.50		\$-	\$34.30		\$-
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$48.20		\$-	\$68.50		\$-
SOILS	S9	PAH	SAMPLE	\$69.50		\$-	\$48.20		\$-
SOILS	S10	Lead	SAMPLE	\$11.80		\$-	\$69.50		\$-
SOILS	S11	Cadmium	SAMPLE	\$13.90		\$-	\$11.80		\$-
SOILS	S12	Free Liquid	SAMPLE	\$10.70		\$-	TASK 24 TOTAL		\$-
SOILS	S13	Flash Point	SAMPLE	\$24.60		\$-			
SOILS	S14	Grain Size - dry	SAMPLE	\$40.70		\$-			
SOILS	S15	Grain Size - wet	SAMPLE	\$54.60		\$-			
SOILS	S16	Bulk Density	SAMPLE	\$12.90		\$-			
SOILS	S17	Permeability	SAMPLE	\$39.60		\$-			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$19.30		\$-			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$16.10		\$-			
SOILS	S20	% Organic Matter	SAMPLE	\$27.80		\$-			
SOILS	S21	TOC as NPOC	SAMPLE	\$54.60		\$-			
SOILS	S22	Soil Moisture Content	SAMPLE	\$6.50		\$-			
SOILS	S23	Air Filled Porosity	SAMPLE	\$24.60		\$-			
SOILS	S24	% Total Solids	SAMPLE	\$6.50		\$-			
SOILS	S25	Field Capacity	SAMPLE	\$26.80		\$-			
SOILS	S26	TCLP Lead	SAMPLE	\$79.20		\$-			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$25.70		\$-			
SOILS	S28	TCLP Cadmium	SAMPLE	\$79.20		\$-			
SOILS	S29	TCLP Benzene	SAMPLE	\$79.20		\$-			
SOILS		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyr	SAMPLE	\$534.60		\$-			
LNAPL		Interfacial tension II (LNAPL/air [dyne/							
LNAPL		Interfacial tension III (water/air) [dyne/							
TASK 33 TOTAL						\$501.70			