

A.2 Soil Analytical Results Table  
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT (PVOC & PAH)		
																Exceedance Count	Hazard Index	Cumulative Cancer Risk
B-1-2	2-3	U	04/29/02	0.00	3.37	NS	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.025	NS	0	0.0004	1.9E-08
B-2-2	2-3	U	04/29/02	0.00	4.21	NS	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.025	NS	0	0.0004	1.9E-08
B-3-2	2-3	U	04/29/02	0.00	6.89	NS	<0.025	0.0299	<0.025	NS	<0.025	0.106	0.0355	0.146	NS	0	0.0004	1.9E-08
G-1-1	3.5	U	06/19/17	3.1	2.57	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-1-2	8	U	06/19/17	16.3	NS	NS	<0.025	0.088	<0.025	<0.025	<0.025	0.299	0.111	0.539	NS			
G-1-3	11.5	U	06/19/17	257.0	NS	NS	0.099	0.93	<0.025	0.77	0.216	3.3	1.14	5.02	NS			
G-2-1	3.5	U	06/19/17	35.4	3.21	NS	1.34	8.9	<0.25	22	2.41	64	28.5	46.8	NS	2	0.4517	5.9E-06
G-2-2	7	U	06/19/17	2179.0	NS	NS	<0.3	7.5	<0.5	5.4	5.0	34	9.9	43.5	SEE VOC SHEET			
G-2-3	10	U	06/19/17	1143.0	NS	NS	0.043	1.27	<0.025	1.37	0.69	6.4	2.09	7.43	NS			
G-3-1	3.5	U	06/19/17	2.4	15.8	NS	<0.025	0.050	<0.025	0.0172	0.065	0.121	0.041	0.225	NS	0	0.0007	9.4E-09
G-3-2	4-8	U	06/19/17	1.9	NOT SAMPLED										NS			
G-3-3	10	U	06/19/17	2.4	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.040	<0.025	0.050-0.075	NS			
G-3-4	13	U	06/19/17	1.9	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-4-1	3.5	U	06/19/17	4.3	121	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	1	0.3134	2.7E-06
G-4-2	7	U	06/19/17	4.4	NOT SAMPLED										NS			
G-4-3	9	U	06/19/17	3.4	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-4-4	13	U	06/19/17	3.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-1	3.5	U	06/19/17	1.9	4.39	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-5-2	7	U	06/19/17	2.5	NOT SAMPLED										NS			
G-5-3	9	U	06/19/17	4.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-4	13	U	06/19/17	2.4	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-6-1	3.5	U	06/19/17	4.9	31.4	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-6-2	7	U	06/19/17	6.8	NOT SAMPLED										NS			
G-6-3	11	U	06/19/17	7.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-7-1	3.5	U	06/19/17	4.3	1.67	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-7-2	7	U	06/19/17	4.0	NOT SAMPLED										NS			
G-7-3	8	U	06/19/17	3.9	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-7-4	13	U	06/19/17	3.7	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-8-1	3.5	U	06/19/17	4.1	4.24	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-8-2	7	U	06/19/17	4.8	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-8-3	10	U	06/19/17	7.9	NS	NS	<0.025	<0.025	<0.025	<0.025	0.0255	0.038	<0.025	0.063-0.088	NS			
G-9-1	3.5	U	06/19/17	3.0	3.95	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-9-2	7	U	06/19/17	2.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-9-3	10	U	06/19/17	24.1	NS	NS	<0.025	<0.025	<0.025	0.106	0.033	0.133	0.042	<0.276	NS			
G-10-1	3.5	U	06/19/17	4.4	4.12	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-10-2	7	U	06/19/17	3.0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-10-3	10	U	06/19/17	4.7	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-1	3.5	U	06/19/17	16.7	34.60	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-11-2	7	U	06/19/17	1.9	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-3	10	U	06/19/17	933	NS	NS	<0.025	<0.025	<0.025	0.060	0.0272	0.40	0.187	0.614	NS			
G-12-1	3.5	U	06/19/17	4.7	32.30	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-12-2	7	U	06/19/17	3.8	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-12-3	10	U	06/19/17	3.8	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-13-1	3.5	U	06/19/17	1.9	3.13	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-13-2	6	U	06/19/17	2.0	NOT SAMPLED										NS			
G-13-3	9	U	06/19/17	4.6	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
Groundwater RCL					27	-	0.0051	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	1.6	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	480*	8870*	-	818*	219*	182*	260*	-			

Bold = Groundwater RCL Exceedance

Bold & Underline = Non Industrial Direct Contact RCL Exceedance

(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance

Bold & Asteric \* = C-sat Exceedance

NS = Not Sampled

NM = Not Measured

(ppm) = parts per million

ND = No Detects

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

VOC's = Volatile Organic Compounds

Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table  
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT (PVOC & PAH)		
																Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-13-4	13	U	06/19/17	3.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-14-1	3.5	U	06/19/17	5.6	0.00	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-14-2	7	U	06/19/17	4.8	NOT SAMPLED										NS			
G-14-3	10	U	06/19/17	2.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-14-4	14	U	06/19/17	3.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-15-1	3.5	U	06/20/17	2.6	2.35	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-15-2	7	U	06/20/17	1.4	NOT SAMPLED										NS			
G-15-3	9	U	06/20/17	2.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-15-4	13	U	06/20/17	2.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-16-1	3.5	U	06/20/17	3.4	1.76	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-16-2	7	U	06/20/17	2.8	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-16-3	10	U	06/20/17	3.3	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-17-1	3.5	U	06/20/17	4.7	4.23	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-17-2	5	U	06/20/17	6.4	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-17-3	9.5	U	06/20/17	9.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-18-1	3.5	U	06/20/17	12.1	1.75	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-18-2	7	U	06/20/17	33	NS	NS	<0.025	0.077	<0.025	<0.025	0.0256	0.172	0.064	0.363	NS			
G-18-3	10	U	06/20/17	46	NS	NS	<0.025	<0.025	<0.025	0.063	<0.025	0.107	0.035	0.146	NS			
G-19-1	3.5	U	06/20/17	410	2.69	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-19-2	6	U	06/20/17	88.0	NS	NS	4.3	8.8	<0.25	21.2	1.46	21.2	8.8	22.9	NS			
G-19-3	10	U	06/20/17	STOPPED WORKING	NS	NS	0.029	0.128	<0.025	<0.025	0.034	0.243	0.087	0.609	NS			
G-20-1	3.5	U	06/20/17		31.0	NS	<0.025	<0.025	<0.025	0.072	<0.025	0.146	0.14	0.105	NS	0	0.0013	1.3E-08
G-20-2	6	U	06/20/17		NS	NS	0.36	7.4	<0.25	16.6	2.28	83	29.4	62.9	NS			
G-20-3	10	U	06/20/17		NS	NS	<0.025	0.45	<0.025	0.63	0.285	2.53	0.81	2.67	NS			
G-21-1	3.5	U	06/20/17		3.19	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-21-2	6.0	U	06/20/17		NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-21-3	10.0	U	06/20/17		NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
Groundwater RCL					27	-	0.0051	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	1.6	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	480*	8870*	-	818*	219*	182*	260*	-			

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																Exceedance Count	Hazard Index	Cumulative Cancer Risk
MW-3-1	3.5	U	10/23/17	1.5	NOT SAMPLED										NS	0		
MW-3-2	8	U	10/23/17	1.7	NOT SAMPLED										NS			
MW-3-3	12	U	10/23/17	1.7	NOT SAMPLED										NS			
MW-3-4	16	S	10/23/17	127	NOT SAMPLED										NS			
MW-4-1	3.5	U	10/23/17	1.1	NOT SAMPLED										NS	0		
MW-4-2	8	U	10/23/17	0.8	NOT SAMPLED										NS			
MW-4-3	12	U	10/23/17	2.0	NOT SAMPLED										NS			
MW-4-4	16	S	10/23/17	1.4	NOT SAMPLED										NS			
MW-5-1	3.5	U	10/23/17	1.5	NOT SAMPLED										NS	0		
MW-5-2	8	U	10/23/17	1.5	NOT SAMPLED										NS			
MW-5-3	12	S	10/23/17	2.1	NOT SAMPLED										NS			
MW-5-4	16	S	10/23/17	1.6	NOT SAMPLED										NS			
MW-6-1	3.5	U	10/23/17	1.1	NOT SAMPLED										NS	0		
MW-6-2	8	U	10/23/17	1.4	NOT SAMPLED										NS			
MW-6-3	12	U	10/23/17	1.6	NOT SAMPLED										NS			
MW-6-4	16	S	10/23/17	2.0	NOT SAMPLED										NS			
MW-6-5	20	S	10/23/17	1.8	NOT SAMPLED										NS			
MW-1-1	3.5	U	10/24/17	1247	NS	4600	(12.3)	(72)	<2.5	(40)	48	(299)*	118	(359)*	NS	5	1.932	2.4E-05
MW-1-2	8	U	10/24/17	1199	NOT SAMPLED										NS			
MW-1-3	12	U	10/24/17	3088	NS	12100	65	370	<1.25	114	620	740*	254*	1670*	TCLP LEAD <0.1 TCLP BENZENE <0.05			
MW-1-4	14-16				NO RECOVERY										NS			
MW-2-1	3.5	U	10/24/17	2.2	NOT SAMPLED										NS	0		
MW-2-2	8	U	10/24/17	1.3	NOT SAMPLED										NS			
MW-2-3	12	U	10/24/17	1.2	NOT SAMPLED										NS			
MW-2-4	16	S	10/24/17	1954	NOT SAMPLED										NS			
EX-1	3.0	U	06/24/19	0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-2	9.0	U	06/24/19	9.3	NS	NS	<0.025	0.033	<0.025	0.135	<0.025	0.172	0.078	0.184	NS			
EX-3	3.0	U	06/24/19	0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-4	9.0	U	06/24/19	0.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-5	3.0	U	06/24/19	0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-6	3.0	U	06/24/19	0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-7	9.0	U	06/24/19	800	NS	NS	0.79	15.8	<0.25	7.7	13.4	50	16	81.3	NS			
EX-8	16.0	S	06/24/19	50	NS	NS	0.68	0.65	<0.025	0.12	5.3	0.46	0.125	3.05	NS			
EX-9	9.0	U	06/24/19	88	NS	NS	1.03	12.4	<0.025	7.7	6.0	45	15.1	60.9	NS			
MW-7-1	3.5	U	07/30/19	0.3	NOT SAMPLED										NS	0		
MW-7-2	8.0	U	07/30/19	0.7	NOT SAMPLED										NS			
MW-7-3	12.0	U	07/30/19	1.3	NOT SAMPLED										NS			
MW-7-4	14.0	U	07/30/19	1.2	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-7-5	20.0	S	07/30/19	4.1	NOT SAMPLED										NS			
Groundwater RCL					27	-	0.0051	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	1.6	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	480*	8870*	-	818*	219*	182*	260*	-			

Bold = Groundwater RCL Exceedance

Bold & Underline = Non Industrial Direct Contact RCL Exceedance

(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance

Bold & Asteric \* = C-sat Exceedance

NS = Not Sampled

NM = Not Measured

(ppm) = parts per million

ND = No Detects

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

VOC's = Volatile Organic Compounds

Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table  
(PAH)  
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample	Depth (feet)	Saturation U/S	Date	Acenaph- thene (ppm)	Acenaph- thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,l) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl- naphthalene (ppm)	2-Methyl- naphthalene (ppm)	Naph- thalene (ppm)	Phenan- threne (ppm)	Pyrene (ppm)	DIRECT CONTACT (PVOC & PAH)		
																						Exceedance Count	Hazard Index	Cumulative Cancer Risk
G-3-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	0.0247	0.0172	<0.0111	<0.0153	0	0.0007	9.4E-09
G-4-1	3.5	U	06/19/17	<0.0151	0.047	0.059	0.169	<b>0.19</b>	<b>0.254</b>	0.95	0.083	<b>0.175</b>	0.059	0.179	<0.0179	0.189	<0.0203	<0.0113	<0.0153	0.039	0.194	<u>1</u>	0.3134	2.7E-06
G-5-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-6-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	0.0145	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-7-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-13-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-14-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-15-1	3.5	U	06/20/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
EX-10	3.0	U	06/25/19	<0.0163	<0.0086	<0.0043	<0.016	<0.0124	<0.0109	<0.0084	<0.0091	<0.006	<0.0101	<0.0054	<0.0086	<0.0082	<0.0086	<0.0147	<0.0153	<0.0071	<0.0067	0		
EX-11	3.0	U	06/25/19	<0.0163	<0.0086	<0.0043	<0.016	<0.0124	<0.0109	<0.0084	<0.0091	<0.006	<0.0101	<0.0054	<0.0086	<0.0082	<0.0086	<0.0147	<0.0153	<0.0071	<0.0067	0		
EX-12	3.0	U	06/25/19	<0.0163	<0.0086	<0.0043	<0.016	<0.0124	<0.0109	<0.0084	<0.0091	<0.006	<0.0101	<0.0054	<0.0086	<0.0082	<0.0086	<0.0147	<0.0153	<0.0071	<0.0067	0		
EX-13	3.0	U	06/25/19	<0.0163	<0.0086	<0.0043	<0.016	<0.0124	<0.0109	<0.0084	<0.0091	<0.006	<0.0101	<0.0054	<0.0086	<0.0082	<0.0086	<0.0147	<0.0153	<0.0071	<0.0067	0		
Groundwater RCL				---	---	197	---	0.47	0.2390	---	---	0.0721	---	88.8	14.8	---	---	---	0.6582	---	54.5			
Non-Industrial Direct Contact RCL				<b>3590</b>	---	<b>17900</b>	<b>1.140</b>	<b>0.1150</b>	<b>1.150</b>	---	<b>11.50</b>	<b>115</b>	<b>0.1150</b>	<b>2390</b>	<b>2390</b>	<b>1.150</b>	<b>17.6</b>	<b>239</b>	<b>5.52</b>	---	<b>1790</b>		<b>1.00E+00</b>	<b>1.00E-05</b>
Industrial Direct Contact RCL				<b>(45200)</b>	---	<b>(100000)</b>	<b>(20.8)</b>	<b>(2.11)</b>	<b>(21.1)</b>	---	<b>(211)</b>	<b>(2110)</b>	<b>(2.11)</b>	<b>(30100)</b>	<b>(30100)</b>	<b>(21.1)</b>	<b>(72.7)</b>	<b>(3010)</b>	<b>(24.1)</b>	---	<b>(22600)</b>			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance  
**Bold & Underline** = Non Industrial Direct Contact RCL Exceedance  
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance  
**Bold &Asteric \*** = C-sat Exceedance  
(ppm) = parts per million  
PAH = Polynuclear Aromatic Hydrocarbons  
PID = Photoionization Detector  
VOC's = Volatile Organic Compounds

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)  
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table  
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sampling Conducted on June 19, 2017

VOC's		Bold = Groundwater RCL	<u>Underline &amp; Bold = Non- Industrial</u> <u>Direct</u> <u>Contact RCL</u>	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C- sat) RCL
Sample ID#	G-2-2				
Sample Depth/ft.	7				
Solids Percent					
Benzene/ppm	< 0.3	0.0051	<u>1.6</u>	(7.07)	1820*
Bromobenzene/ppm	< 0.25	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.74	0.0003	<u>0.418</u>	(1.83)	= =
Bromoform/ppm	< 0.29	0.0023	<u>25.4</u>	(113)	= =
tert-Butylbenzene/ppm	< 0.26	= =	<u>183</u>	(183)	183*
sec-Butylbenzene/ppm	0.58 "J"	= =	<u>145</u>	(145)	145*
n-Butylbenzene/ppm	3.6	= =	<u>108</u>	(108)	108*
Carbon Tetrachloride/ppm	< 0.16	0.0039	<u>0.916</u>	(4.03)	= =
Chlorobenzene/ppm	< 0.13	= =	<u>370</u>	(761)	761*
Chloroethane/ppm	< 0.91	0.2266	= =	= =	= =
Chloroform/ppm	< 0.35	0.0033	<u>0.454</u>	(1.98)	= =
Chloromethane/ppm	< 0.76	0.0155	<u>159</u>	(669)	= =
2-Chlorotoluene/ppm	< 0.15	= =	<u>907</u>	(907)	907*
4-Chlorotoluene/ppm	< 0.18	= =	<u>253</u>	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 0.58	0.0002	<u>0.008</u>	(0.092)	= =
Dibromochloromethane/ppm	< 0.25	0.032	<u>8.28</u>	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.37	0.144	<u>3.74</u>	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.37	1.1528	<u>297</u>	(297)	297*
1,2-Dichlorobenzene/ppm	< 0.28	1.168	<u>376</u>	(376)	376*
Dichlorodifluoromethane/ppm	< 0.48	3.0863	<u>126</u>	(530)	= =
1,2-Dichloroethane/ppm	< 0.38	0.0028	<u>0.652</u>	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.34	0.4834	<u>5.06</u>	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.22	0.005	<u>320</u>	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.32	0.0412	<u>156</u>	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.28	0.0626	<u>1560</u>	(1850)	= =
1,2-Dichloropropane/ppm	< 0.35	0.0033	<u>3.4</u>	(15)	= =
1,3-Dichloropropane/ppm	< 0.25	= =	<u>1490</u>	(1490)	1490*
trans-1,3-Dichloropropene/ppm	< 0.22	0.003	<u>1510</u>	(1510)	= =
cis-1,3-Dichloropropene/ppm	< 0.39	= =	<u>1210</u>	(1210)	= =
Di-isopropyl ether/ppm	< 0.1	= =	<u>2260</u>	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.23	0.0000282	<u>0.05</u>	(0.221)	= =
Ethylbenzene/ppm	7.5	1.57	<u>8.02</u>	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.85	= =	<u>1.63</u>	(7.19)	= =
Isopropylbenzene/ppm	0.92 "J"	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.29	= =	<u>162</u>	(162)	162*
Methylene chloride/ppm	< 1.5	0.0026	<u>61.8</u>	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.5	0.027	<u>63.8</u>	(282)	8870*
Naphthalene/ppm	5.4	0.6582	<u>5.52</u>	(24.1)	= =
n-Propylbenzene/ppm	4.2	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.28	0.0002	<u>0.81</u>	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.28	0.0534	<u>2.78</u>	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.32	0.0045	<u>33</u>	(145)	= =
Toluene/ppm	5	1.1072	<u>818</u>	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.64	0.408	<u>24</u>	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.66	= =	<u>62.6</u>	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.3	0.1402	<u>640</u>	(640)	640*
1,1,2-Trichloroethane/ppm	< 0.33	0.0032	<u>1.59</u>	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.41	0.0036	<u>1.3</u>	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.41	4.4775	<u>1230</u>	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	34	1.3787	<u>219</u>	(219)	219*
1,3,5-Trimethylbenzene/ppm	9.9	0.0001	<u>182</u>	(182)	182*
Vinyl Chloride/ppm	< 0.19	= =	<u>0.067</u>	(2.08)	= =
m&p-Xylene/ppm	32	3.96	<u>260</u>	(260)	260*
o-Xylene/ppm	11.5				

NS = not sampled, NM = Not Measured  
(ppm) = parts per million  
= = No Exceedences

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

Note: Non-Industrial RCLs apply to this site.