

A.3 Residual Soil Contamination Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	GRO (ppm)	DIRECT CONTACT (PVOC & PAH)										Exeedance Count	Hazard Index	Cumulative Cancer Risk
							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)				
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-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-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	
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				
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)