

A.1 Groundwater Analytical Table

(Geoprobe)

A to Z Sales & Service – LGU BRRRTS #03-59-190963

Sample ID	Date	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
G-1-W	06/19/17	1210	4300	<41	1430	9800	5350	19300
G-2-W	06/19/17	1800	5500	<41	790	31500	4260	22800
G-3-W	06/19/17	650	830	<41	158	3600	992	3930
G-4-W	06/19/17	15.3	15.6	<0.82	5.9	<0.67	7.3	16
G-5-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-7-W	06/19/17	104	1180	<41	251	1660	1620	5680
G-8-W	06/19/17	45	1040	<41	400	1270	3020	5580
G-9-W	06/19/17	2960	5900	<82	1000	24500	5180	24400
G-10-W	06/19/17	15.5	2170	<41	380	2370	3370	8310
G-11-W	06/19/17	320	1260	<82	510	6300	6440	20300
G-12-W	06/19/17	10.8	16.9	<0.82	25.2	7.4	103.6	94
G-13-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-14-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-15-W	06/20/17	0.29	9.6	<0.82	<2.17	<0.67	22.4	47.6
G-16-W	06/20/17	<0.17	1.19	<0.82	<2.17	<0.67	<2.05	5.02
G-17-W	06/20/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-18-W	06/20/17	3500	4800	<41	660	22300	4560	19600
G-19-W	06/20/17	3200	4400	<164	580	25500	3570	19100
G-20-W	06/20/17	3700	4800	<410	<1085	37000	3590	21900
ENFORCEMENT STANDARD ES = Bold								
<i>PREVENTIVE ACTION LIMIT PAL = Italics</i>								
		5	700	60	100	800	480	2000
		0.5	140	12	10	160	96	400

NS = Not Sampled

(ppb) = parts per billion

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

(ppm) = parts per million

A.1 Groundwater Analytical Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-4

PVC Elevation = 1078.08 (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)
01/30/18	1065.12	12.96	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
05/01/18	1066.23	11.85	1.6	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
08/27/19	1066.66	11.42	<1.1	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
11/19/19	1066.65	11.43	<1.1	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
02/11/20	1066.22	11.86	<2.2	<0.48	<0.55	<0.71	<0.82	<0.62	<1.37	<2.04
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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-5

PVC Elevation = 1075.64 (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)
01/30/18	1065.06	10.58	1.3	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
05/01/18	1065.99	9.65	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
08/27/19	1066.42	9.22	<1.1	370	530	<5.6	115	1550	525	1480
11/19/19	1066.50	9.14	<1.1	14.1	0.54	<0.24	<1.3	0.6	0.74-1.41	2.26
02/11/20	1066.07	9.57	<2.2	0.76	0.87	<0.71	<0.82	<0.62	1.55-2.21	1.68-2.37
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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-6

PVC Elevation = 1078.23 (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)
01/30/18	1064.54	13.69	<0.9	770	1240	<14	258	1730	779	3690
05/01/18	1065.45	12.78	<0.9	224	370	<2.8	40	194	182	884
08/27/19	1065.99	12.24	<1.1	630	1710	<5.6	292	6200	1710	7840
11/19/19	1066.12	12.11	<1.1	760	1540	<12	266	3800	1249	5990
02/11/20	1065.58	12.65	<2.2	1340	1480	<35.5	207	4600	978	5320
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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
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Well MW-7

PVC Elevation = 1080.29 (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)
08/27/19	1065.61	14.68	<1.1	0.88	<0.26	<0.28	<2.1	<0.19	<1.43	2.39-2.82
11/19/19	1065.73	14.56	<1.1	0.49	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/11/20	1065.14	15.15	<2.2	<0.48	<0.55	<0.71	<0.82	<0.62	<1.37	<2.04
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>italics</i>			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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)
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-1

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)
1/30/2018	<1.60	<1.80	<1.80	<3.40	<3.40	<4.00	<2.20	<2.80	<3.80	<2.00	<6.20	<2.20	<2.40	95.0	134	540	<5.00	<6.00
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	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)
1/30/2018	0.62	<0.45	0.56	<0.85	<0.85	<1.00	<0.55	<0.70	<0.95	<0.50	<1.55	<0.55	<0.60	49.0	87.0	230	1.37	<1.50
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	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)
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.012	<0.013	0.0254	<0.025	<0.03
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)
A to Z Sales & Service – LGU BRRTS #03-59-190963

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)
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.013	<0.023	<0.025	<0.03	
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italic																		
(ppb) = parts per billion (ppm) = parts per million																		
ns = not sampled																		
Note: Elevations are presented in feet mean sea level (msl).																		

Well MW-5

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)
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.013	0.0313	<0.025	<0.03	
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italic																		
(ppb) = parts per billion (ppm) = parts per million																		
ns = not sampled																		
Note: Elevations are presented in feet mean sea level (msl).																		

Well MW-6

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)
1/30/2018	<0.20	<0.225	0.225	<0.425	<0.425	<0.50	<0.275	<0.35	<0.475	<0.25	<0.775	<0.275	<0.30	13.4	10.7	98.0	<0.625	<0.75
ENFORCEMENT STANDARD = ES - Bold																		
PREVENTIVE ACTION LIMIT = PAL - Italic																		
(ppb) = parts per billion (ppm) = parts per million																		
ns = not sampled																		
Note: Elevations are presented in feet mean sea level (msl).																		

A.1 Groundwater Analytical Table
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Well Sampling Conducted on:

01/30/18 01/30/18 01/30/18 01/30/18 01/30/18 01/30/18 01/30/18 08/27/19

VOC's Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	ENFORCEMENT STANDARD = ES - Bold		PREVENTIVE ACTION LIMIT = PAL - Italics	
								ES	PAL	ES	PAL
Lead, dissolved/ppb	9.9	5.2	< 0.9	< 0.9	1.3	< 0.9	< 1.1	15			1.5
Benzene/ppb	4900	810	< 0.22	< 0.22	< 0.22	< 0.22	0.88	5			0.5
Bromobenzene/ppb	< 88	< 22	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==			==
Bromodichloromethane/ppb	< 66	< 16.5	< 0.33	< 0.33	< 0.33	< 16.5	< 0.33	0.6			0.06
Bromoform/ppb	< 90	< 22.5	< 0.45	< 0.45	< 0.45	< 22.5	< 0.45	4.4			0.44
tert-Butylbenzene/ppb	< 50	< 12.5	< 0.25	< 0.25	< 0.25	< 12.5	< 0.25	==			==
sec-Butylbenzene/ppb	< 158	< 39.5	< 0.79	< 0.79	< 0.79	< 39.5	< 0.79	==			==
n-Butylbenzene/ppb	< 142	46 "J"	< 0.71	< 0.71	< 0.71	< 35.5	< 0.71	==			==
Carbon Tetrachloride/ppb	< 62	< 15.5	< 0.31	< 0.31	< 0.31	< 15.5	< 0.31	5			0.5
Chlorobenzene/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13	< 0.26	==			==
Chloroethane/ppb	< 122	< 30.5	< 0.61	< 0.61	< 0.61	< 30.5	< 0.61	400			80
Chloroform/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13	< 0.26	6			0.6
Chloromethane/ppb	< 108	< 27	< 0.54	< 0.54	< 0.54	< 27	< 0.54	30			3
2-Chlorotoluene/ppb	< 62	< 15.5	< 0.31	< 0.31	< 0.31	< 15.5	< 0.31	==			==
4-Chlorotoluene/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13	< 0.26	==			==
1,2-Dibromo-3-chloropropane/ppb	< 592	< 148	< 2.96	< 2.96	< 2.96	< 148	< 2.96	0.2			0.02
Dibromochloromethane/ppb	< 44	< 11	< 0.22	< 0.22	< 0.22	< 11	< 0.22	60			6
1,4-Dichlorobenzene/ppb	< 140	< 35	< 0.7	< 0.7	< 0.7	< 35	< 0.7	75			15
1,3-Dichlorobenzene/ppb	< 170	< 42.5	< 0.85	< 0.85	< 0.85	< 42.5	< 0.85	600			120
1,2-Dichlorobenzene/ppb	< 172	< 43	< 0.86	< 0.86	< 0.86	< 43	< 0.86	600			60
Dichlorodifluoromethane/ppb	< 64	< 16	< 0.32	< 0.32	< 0.32	< 16	< 0.32	1000			200
1,2-Dichloroethane/ppb	< 50	< 12.5	< 0.25	< 0.25	< 0.25	< 12.5	< 0.25	5			0.5
1,1-Dichloroethane/ppb	< 72	< 18	< 0.36	< 0.36	< 0.36	< 18	< 0.36	850			85
1,1-Dichloroethene/ppb	< 84	< 21	< 0.42	< 0.42	< 0.42	< 21	< 0.42	7			0.7
cis-1,2-Dichloroethene/ppb	< 74	< 18.5	< 0.37	< 0.37	< 0.37	< 18.5	< 0.37	70			7
trans-1,2-Dichloroethene/ppb	< 68	< 17	< 0.34	< 0.34	< 0.34	< 17	< 0.34	100			20
1,2-Dichloropropane/ppb	< 88	< 22	< 0.44	< 0.44	< 0.44	< 22	< 0.44	5			0.5
1,3-Dichloropropane/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15	< 0.3	==			==
trans-1,3-Dichloropropene/ppm	< 64	< 16	< 0.32	< 0.32	< 0.32	< 16	< 0.32	0.4			0.04
cis-1,3-Dichloropropene/ppm	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13	< 0.26	==			==
Di-isopropyl ether/ppb	< 42	< 10.5	< 0.21	< 0.21	< 0.21	< 10.5	< 0.21	==			==
EDB (1,2-Dibromoethane)/ppb	< 68	< 17	< 0.34	< 0.34	< 0.34	< 17	< 0.34	0.05			0.005
Ethylbenzene/ppb	4100	1710	< 0.26	< 0.26	< 0.26	1240	< 0.26	700			140
Hexachlorobutadiene/ppb	< 268	< 67	< 1.34	< 1.34	< 1.34	< 67	< 1.34	==			==
Isopropylbenzene/ppb	< 156	72 "J"	< 0.78	< 0.78	< 0.78	44 "J"	< 0.78	==			==
p-Isopropyltoluene/ppb	< 48	< 12	< 0.24	< 0.24	< 0.24	< 12	< 0.24	==			==
Methylene chloride/ppb	< 264	< 66	< 1.32	< 1.32	< 1.32	< 66	< 1.32	5			0.5
Methyl tert-butyl ether (MTBE)/ppb	< 56	< 14	< 0.28	< 0.28	< 0.28	< 14	< 0.28	60			12
Naphthalene/ppb	880 "J"	305 "J"	< 2.1	< 2.1	< 2.1	258 "J"	< 2.1	100			10
n-Propylbenzene/ppb	330 "J"	236	< 0.61	< 0.61	< 0.61	124	< 0.61	==			==
1,1,2,2-Tetrachloroethane/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15	< 0.3	0.2			0.02
1,1,1,2-Tetrachloroethane/ppb	< 70	< 17.5	< 0.35	< 0.35	< 0.35	< 17.5	< 0.35	70			7
Tetrachloroethene (PCE)/ppb	< 76	< 19	< 0.38	< 0.38	< 0.38	< 19	< 0.38	5			0.5
Toluene/ppb	30600	4400	< 0.19	< 0.19	< 0.19	1730	< 0.19	800			160
1,2,4-Trichlorobenzene/ppb	< 230	< 57.5	< 1.15	< 1.15	< 1.15	< 57.5	< 1.15	70			14
1,2,3-Trichlorobenzene/ppb	< 342	< 85.5	< 1.71	< 1.71	< 1.71	< 85.5	< 1.71	==			==
1,1,1-Trichloroethane/ppb	< 66	< 16.5	< 0.33	< 0.33	< 0.33	< 16.5	< 0.33	200			40
1,1,2-Trichloroethane/ppb	< 84	< 21	< 0.42	< 0.42	< 0.42	< 21	< 0.42	5			0.5
Trichloroethene (TCE)/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15	< 0.3	5			0.5
Trichlorofluoromethane/ppb	< 70	< 17.5	< 0.35	< 0.35	< 0.35	< 17.5	< 0.35	==			==
1,2,4-Trimethylbenzene/ppb	2530	1880	< 0.8	< 0.8	< 0.8	590	< 0.8	Total TMB's 480		Total TMB's 96	
1,3,5-Trimethylbenzene/ppb	620	520	< 0.63	< 0.63	< 0.63	189	< 0.63	0.2		0.02	
Vinyl Chloride/ppb	< 40	< 10	< 0.2	< 0.2	< 0.2	< 10	< 0.2	Total Xylenes 2000		Total Xylenes 400	
m&p-Xylene/ppb	13200	5700	< 0.43	< 0.43	< 0.43	2550	< 0.43	==			==
o-Xylene/ppb	5800	2150	< 0.29	< 0.29	< 0.29	1140	< 0.29	==			==

NS = not sampled, NIM = 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

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