

SITE INVESTIGATION REPORT
SOIL SAMPLE LAB REPORT SUMMARY

Sample ID	Table 915-1 Limit/ Residential	BG1	BG2	BG3	P3-1	P3-2	P3-3	P3-4	P3-5
Sample Date	Limit	9/20/2021	9/20/2021	9/20/2021	8/30/2021	8/30/2021	8/30/2021	8/30/2021	8/30/2021
Chemical Name	Units								
Volatile Organic Compounds									
1,2,4-Trimethylbenzene	mg/kg	30	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3,5-Trimethylbenzene	mg/kg	27	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzene	mg/kg	1.2	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	mg/kg	5.8	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Gasoline Range Hydrocarbons	mg/kg		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	mg/kg	2	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U
Toluene	mg/kg	490	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes, total	mg/kg	58	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Extractable Petroleum Hydrocarbons									
C10-C28	mg/kg		50 U	50 U	50 U	50 U	50 U	50 U	50 U
C28-C36	mg/kg		50 U	50 U	50 U	50 U	50 U	50 U	50 U
Polycyclic Aromatic Hydrocarbons									
1-Methylnaphthalene	mg/kg	18	0.005 U	0.005 U	0.005 U	0.005 U			
2-Methylnaphthalene	mg/kg	24	0.005 U	0.005 U	0.005 U	0.005 U			
Acenaphthene	mg/kg	360	0.005 U	0.005 U	0.005 U	0.005 U			
Anthracene	mg/kg	1,800	0.005 U	0.005 U	0.005 U	0.005 U			
Benzo(a)anthracene	mg/kg	1.1	0.005 U	0.005 U	0.005 U	0.005 U			
Benzo(a)pyrene	mg/kg	0.11	0.005 U	0.005 U	0.005 U	0.005 U			
Benzo(b)fluoranthene	mg/kg	1.1	0.005 U	0.005 U	0.005 U	0.005 U			
Benzo(k)fluoranthene	mg/kg	11	0.005 U	0.005 U	0.005 U	0.005 U			
Chrysene	mg/kg	110	0.005 U	0.005 U	0.005 U	0.005 U			
Dibenz(a,h)anthracene	mg/kg	0.11	0.005 U	0.005 U	0.005 U	0.005 U			
Fluoranthene	mg/kg	240	0.005 U	0.005 U	0.005 U	0.005 U			
Fluorene	mg/kg	240	0.005 U	0.005 U	0.005 U	0.005 U			
Indeno(1,2,3-cd)pyrene	mg/kg	1.1	0.005 U	0.005 U	0.005 U	0.005 U			
Pyrene	mg/kg	180	0.005 U	0.005 U	0.005 U	0.005 U			
Metals									
Arsenic, total	mg/kg	0.68	4.54		2.57		5.46		1.2
Barium, total	mg/kg	15,000	124		101		122		95.7
Boron, total	mg/l	2	0.149		0.131		0.124		0.283
Cadmium, total	mg/kg	71	0.215 U		0.215 U		0.22 U		0.505
Calcium, soluble	mg/l		3		2.34		2.37		18.6
Chromium, Hexavalent	mg/kg	0.3	0.3 U		0.3 U		0.3 U		0.3 U
Copper, total	mg/kg	3,100	8.3		8.62		5.78		35.4
Lead, total	mg/kg	400	8.36		7.48		8.41		20.2
Magnesium, soluble	mg/l		0.739		0.741		0.801		3.89
Nickel, total	mg/kg	1,500	7.89		6.58		10.9		15.4
Selenium, total	mg/kg	390	0.72		0.895		1.07		1.54
Silver, total	mg/kg	390	0.0498		0.0524		0.0459		0.126
Sodium, soluble	mg/l		0.151		0.0536 U		0.0945		9.45
Zinc, total	mg/kg	23,000	42.8		36.3		41.5		96.2
Sodium Adsorption Ratio	-	6	0.0202		0.00674		0.0135		0.52
General Chemistry									
Percent Solids	%		93		93.2		90.9		83.4
Specific conductance	mmhos/cm	4	0.131		0.122		0.0588		1.01
pH	SU	8.3	7.67		8.25		7.69		8.74

Notes

mg/kg - milligrams per kilogram
mg/l - milligrams per liter
U - result not detected at reported concentration