LABORATORY DATA SUMMARY				
Sample ID	BCU 14L POR	**COGCC TABLE 915-1 CONCENTRATION LEVELS**		
Sample Depth	0-6"			
Latitude	39.273062			
Longitude	-107.745273			
Sample Type	Grab			
Sample Description	Point of release			
Sample Date	5/21/2025			
Analytical Parameters		**Residential Soil Screening Level**	**Protection of Groundwater Screening Level**	**UNITS**
TPH				
TPH Gasoline Range Organics	< 0.100	500		mg/kg
TPH Diesel Range Organics [C10-C28]	23.3			
TPH Oil Range Organics [C28-C36]	89.4			
TOTAL TPH	112.8			
BTEX				
Benzene	< 0.00200	1.2	0.0026	mg/kg
Toluene	< 0.0100	490	0.69	mg/kg
Ethylbenzene	< 0.0100	5.8	0.78	mg/kg
Total Xylenes	< 0.100	58	9.9	mg/kg
TMB				
1,2,4-Trimethylbenzene	< 0.00500	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	< 0.00500	27	0.0087	mg/kg
Metals				
Arsenic	**4.4**	0.68	0.29	mg/kg
Barium	365	15,000	82	mg/kg
Cadmium	0.186	71	0.38	mg/kg
Chromium (Hexavalent)	< 1.00	0.3	0.00067	mg/kg
Copper	77.2	3,100	46	mg/kg
Lead	< 10.0	400	14	mg/kg
Nickel	32.3	1,500	26	mg/kg
Selenium	0.613	390	0.26	mg/kg
Silver	< 0.500	390	0.8	mg/kg
Zinc	< 50.0	23,000	370	mg/kg
SAR Metals Analysis				
Sodium Adsorption Ratio	**8.52**	<6		ratio
Polynuclear Aromatic Hyrdrocarbons				
Acenaphthene	< 0.00600	360	0.55	mg/kg
Anthracene	< 0.00600	1,800	5.8	mg/kg
Benzo(a)anthracene	< 0.00600	1.1	0.011	mg/kg
Benzo(a)pyrene	< 0.00600	0.11	0.24	mg/kg
Benzo(b)fluoranthene	< 0.00600	1.1	0.3	mg/kg
Benzo(k)fluoranthene	< 0.00600	11	2.9	mg/kg
Chrysene	< 0.00600	110	9	mg/kg
Dibenzo(a,h)anthracene	< 0.00600	0.11	0.096	mg/kg
Fluoranthene	< 0.00600	240	8.9	mg/kg
Fluorene	< 0.00600	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	< 0.00600	1.1	0.98	mg/kg
1-Methylnapthalene	< 0.0200	18	0.006	mg/kg
2-Methylnapthalene	< 0.0200	24	0.019	mg/kg
Napthalene	< 0.0200	2	0.0038	mg/kg
Pyrene	< 0.00600	180	1.3	mg/kg
General Chemistry				
Boron	0.295	2		mg/L
Specific Conductivity	2.18	<4		mmhos/cm
pH (*T8 Qualifier)	8.17	6-8.3		su

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
B - same analyte is found in associated blank
J6 - sample matrix interfered with the ability to make any accurate determineation; spike value is low
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
T8 - Samples received past/too close to holding time expiration

Over COGCC Table 915-1 concentration levels but under BACKGROUND/Operator Knowledge level.
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 915-1 concentration levels