

Soil Sampling Results
Piccoli A 1 Tank Removal

Parameter	SS01 Base 8/24/2022	SS02 Sidewall 8/24/2022	SS08 Background 1/24/2022
Depth	6 feet	3.5 feet	0-3
Conductivity	0.770	1.160	1.470
pH	7.70	7.90	7.32
SAR	5.500	7.210	0.59
Calcium	30.10	41.30	214.00
Magnesium	7.87	10.3	36.70
Sodium	131.0	200.00	35.2
Arsenic	5.270	3.07	2.940
Barium	590	350.0	199
Cadmium	<5.00	<5.00	<5.00
Chromium (VI)	0.298	0.298	<0.250
Copper	26.2	19.80	15.9
Lead	13.80	18.40	<10.0
Selenium	<20.0	<20.0	<20.0
Silver	<1.0	<1.00	<1.00
Zinc	41.4	43.3	38.5
Mercury			
Boron	<1.20	<1.20	1.96
Benzene	<0.0250	<0.0250	
Toluene	<0.0250	<0.0250	
Ethylbenzene	<0.0250	<0.0250	
Total Xylenes	<0.0750	<0.0750	
TPH (GRO)	<10.0	<10.0	
TPH (DRO)	<10.0	<10.0	
TPH (EXT DRO)	<10.0	<10.0	
Total TPH	<30.0	<30.0	
Naphthalene	<0.0250	<0.0250	
Acenaphthene	<0.024	<0.024	
Fluorene	<0.019	<0.019	
Anthracene	<0.017	<0.017	
Fluoranthene	<0.019	<0.019	
Pyrene	<0.013	<0.013	
Benzo(a)anthracene	<0.023	<0.023	
Chrysene	<0.017	<0.017	
Benzo(b)fluoranthene	<0.019	<0.019	
Benzo(k)fluoranthene	<0.016	<0.016	
Benzo(a)pyrene	<0.018	<0.018	
Indeno(1,2,3-cd)pyrene	<0.017	<0.017	
Dibenzo(a,h)anthracene	<0.019	<0.019	

Notes:

PID - Photoionization Detector
SAR - Sodium Adsorption Ratio
BTEX - Benzene, Toluene,
Ethylbenzene, & Total Xylenes
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
BG - Background
ND - Non-detect
Bold values exceed COGCC Table
915 Standard

ppm - parts per million
bgs - below ground surface
mmhos/cm - millihos per centi
TPH - Total Petroleum Hydroc
mg/L - milligrams per liter
mg/kg - milligrams per kilogram
"-" - Indicates no data
NA - Not Applicable
COGCC - Colorado Oil &
Gas Conservation

COGCC Table 915 Standard	Units
NA	inches bgs
<4 or 2x BG	mmhos/cm
6-8.3	pH units
<6	no units
NA	mg/L
NA	mg/L
NA	mg/L
0.68	mg/kg
15,000	mg/kg
71	mg/kg
0.3	mg/kg
3,100	mg/kg
400	mg/kg
390	mg/kg
390	mg/kg
23000	mg/kg
N/A	mg/kg
2.0	mg/L
1.20	mg/kg
490	mg/kg
6	mg/kg
58	mg/kg
NA	mg/kg
NA	mg/kg
NA	mg/kg
500	mg/kg
2	mg/kg
360	mg/kg
240	mg/kg
1,800	mg/kg
240	mg/kg
180	mg/kg
1.10	mg/kg
110	mg/kg
1.10	mg/kg
11.0	mg/kg
0.110	mg/kg
1.10	mg/kg
0.110	mg/kg