


**MONTROSE**  
ENVIRONMENTAL

Montrose Environmental Group  
Date: 09/29/2025


Approved By: V. Vollert  
Author: D. Virilar-Knight

**Historic Soil Sampling Locations**  
**(8/27/2025)**  
Spike State D12-03

Noble-100322 Facility Number: 249422  
NENW/S12/T3N/R64W REM Number: 24016  
Weld County, Colorado API Number: 05-123-17225

Figure 1

0 63 125 250  
Feet



Coord. Sys.: GCS North American 1983

### Soil Sampling Form

Spike State D12-03		40.24531259283, - 104.501859281797		API # 05-123-17225		REM # 24016		Facility ID # 24922	
Sample Id	Date	Time	Depth (feet)	PID Reading (PPM)	PDOP	Visual Staining	Olfactory	Photo?	Lab or Field Screen
BKG04@4'	8/27/2025	9:20	4	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG04@5'	8/27/2025	9:23	5	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG04@6'	8/27/2025	9:27	6	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG04@7'	8/27/2025	9:32	7	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG05@4'	8/27/2025	9:25	4	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG05@5'	8/27/2025	9:40	5	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG05@6'	8/27/2025	9:48	6	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG05@7'	8/27/2025	9:56	7	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG03@4'	8/27/2025	9:48	4	0.0	1.0	No Staining	No Odor	Yes	Lab
BKG03@5'	8/27/2025	9:55	5	1.2	1.0	No Staining	No Odor	Yes	Lab
BKG03@6'	8/27/2025	10:00	6	0.0	1.0	No Staining	No Odor	Yes	Lab
BKG03@7'	8/27/2025	10:04	7	0.0	1.0	No Staining	No Odor	Yes	Lab
BKG02@4'	8/27/2025	10:20	4	0.1	0.9	No Staining	No Odor	Yes	Lab
BKG02@5'	8/27/2025	10:24	5	0.0	0.9	No Staining	No Odor	Yes	Lab
BKG02@6'	8/27/2025	10:28	6	0.5	0.9	No Staining	No Odor	Yes	Lab
BKG02@7'	8/27/2025	10:33	7	0.1	0.9	No Staining	No Odor	Yes	Lab
FL01@4'	8/27/2025	10:22	4	0.0	1.0	No Staining	No Odor	Yes	Lab
WH01-SB01@6'	8/27/2025	10:56	6	0.0	0.9	No Staining	No Odor	Yes	Lab
WH01-SB02@4'	8/27/2025	11:20	4	0.0	0.9	Staining	No Odor	Yes	Lab
WH01-SB02@6'	8/27/2025	11:55	6	0.0	0.9	No Staining	No Odor	Yes	Lab
WH01-SB@5'	8/27/2025	12:45	5	0.7	0.9	No Staining	No Odor	Yes	Lab
WH01-SB04@6'	8/27/2025	11:50	6	0.0	0.9	No Staining	No Odor	Yes	Lab
WH01-SB@2'	8/27/2025	12:26	2	0.0	0.9	Staining	Odor	Yes	Lab
WH01-SB@6'	8/27/2025	12:56	6	0.1	0.9	No Staining	No Odor	Yes	Lab
WH01-SB03@6'	8/27/2025	11:21	6	0.0	0.9	No Staining	No Odor	Yes	Lab
WH01-SB@7'	8/27/2025	13:02	7	0.1	0.9	No Staining	No Odor	Yes	Lab

**General Comments:** Potential contamination was seen at WH01-SB02@4' and WH01-SB@2'. Both samples were sent to the lab under a 24-hour return period.

PID - Photoionization Detector  
ppm - parts per million

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**OPERATOR - NOBLE 100322**  
**SPIKE STATE D12-03, WELD COUNTY, COLORADO**  
**REM # 24016**

Sample ID	Sample Date	Depth (ft)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude/Longitude			
FL01@4'	8/27/2025	4	40.245881	-104.502094	1.0	0.0
WH01-SB@2'	8/27/2025	2	40.245323	-104.501870	0.9	0.0
WH01-SB@5'	8/27/2025	5	40.245323	-104.501870	0.9	0.7
WH01-SB@6'	8/27/2025	6	40.245323	-104.501870	0.9	0.1
WH01-SB@7'	8/27/2025	7	40.245323	-104.501870	0.9	0.1
WH01-SB01@6'	8/27/2025	6	40.245337	-104.501871	0.9	0.0
WH01-SB02@4'	8/27/2025	4	40.245322	-104.501851	0.9	0.0
WH01-SB02@6'	8/27/2025	6	40.245322	-104.501851	0.9	0.0
WH01-SB03@6'	8/27/2025	6	40.245302	-104.501869	0.9	0.0
WH01-SB04@6'	8/27/2025	6	40.245321	-104.501887	0.9	0.0
BKG04@4'	8/27/2025	4	40.245953	-104.501640	0.9	0.0
BKG04@5'	8/27/2025	5	40.245953	-104.501640	0.9	0.0
BKG04@6'	8/27/2025	6	40.245953	-104.501640	0.9	0.0
BKG04@7'	8/27/2025	7	40.245953	-104.501640	0.9	0.0
BKG05@4'	8/27/2025	4	40.246166	-104.501950	0.9	0.0
BKG05@5'	8/27/2025	5	40.246166	-104.501950	0.9	0.0
BKG05@6'	8/27/2025	6	40.246166	-104.501950	0.9	0.0
BKG05@7'	8/27/2025	7	40.246166	-104.501950	0.9	0.0
BKG03@4'	8/27/2025	4	40.245439	-104.501077	1.0	0.0
BKG03@5'	8/27/2025	5	40.245439	-104.501077	1.0	1.2
BKG03@6'	8/27/2025	6	40.245439	-104.501077	1.0	0.0
BKG03@7'	8/27/2025	7	40.245439	-104.501077	1.0	0.0
BKG02@4'	8/27/2025	4	40.245304	-104.501058	0.9	0.1
BKG02@5'	8/27/2025	5	40.245304	-104.501058	0.9	0.0

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**OPERATOR - NOBLE 100322**  
**SPIKE STATE D12-03, WELD COUNTY, COLORADO**  
**REM # 24016**

Sample ID	Sample Date	Depth (ft)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude	Longitude		
BKG02@6'	8/27/2025	6	40.245304	-104.501058	0.9	0.5
BKG02@7'	8/27/2025	7	40.245304	-104.501058	0.9	0.1

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

TABLE 2  
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA  
OPERATOR - NOBLE 100322  
SPIKE STATE D12-03, WELD COUNTY, COLORADO  
REM # 24016

Sample ID	Sample Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
FL01@4'	8/27/2025	4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<131.410	<0.210	<26.2	<105
WH01-SB@2'	8/27/2025	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<132.813	<0.213	<26.6	<106
WH01-SB@5'	8/27/2025	5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<135.317	<0.217	<27.1	<108
WH01-SB@6'	8/27/2025	6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<131.611	<0.211	<26.4	<105
WH01-SB@7'	8/27/2025	7	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<131.511	<0.211	<26.3	<105
WH01-SB01@6'	8/27/2025	6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<130.309	<0.209	<26.1	<104
WH01-SB02@4'	8/27/2025	4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<135.115	<0.215	<26.9	<108
WH01-SB02@6'	8/27/2025	6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<135.317	<0.217	<27.1	<108
WH01-SB03@6'	8/27/2025	6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<132.813	<0.213	<26.6	<106
WH01-SB04@6'	8/27/2025	6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<131.410	<0.210	<26.2	<105

1. Bold values exceed the ECMC Table 915-1 limit(s)
  2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
  3. \* Indicates laboratory minimum detection limit in excess of SSL
  4. \*\* Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = Analytical result is less than the indicated laboratory reporting limit.  
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics  
TPH-DRO = Total petroleum hydrocarbons - diesel range organics  
TPH-ORO = Total petroleum hydrocarbons - oil range organics  
mg/kg = Milligrams per kilogram  
ft. = Feet

bgs = Below ground surface  
NA - Not analyzed

TABLE 3  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
OPERATOR - NOBLE 100322  
SPIKE STATE D12-03, WELD COUNTY, COLORADO  
REM # 24016

Sample ID	Sample Date	Depth (ft)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl- Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
FL01@4'	8/27/2025	4	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB@2'	8/27/2025	2	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB@5'	8/27/2025	5	<0.022	<0.022	<0.005	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002
WH01-SB@6'	8/27/2025	6	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB@7'	8/27/2025	7	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB01@6'	8/27/2025	6	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB02@4'	8/27/2025	4	<0.022	<0.022	<0.005	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002
WH01-SB02@6'	8/27/2025	6	<0.022	<0.022	<0.005	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002
WH01-SB03@6'	8/27/2025	6	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WH01-SB04@6'	8/27/2025	6	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002

1. Bold values exceed the ECMC Table 915-1 limit(s)  
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)  
3. \* Indicates laboratory minimum detection limit in excess of SSL  
4. \*\* Summation of GRO+DRO+ORO must be less than 500 mg/kg  
(<) = Analytical result is less than the indicated laboratory reporting limit.  
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics  
TPH-DRO = Total petroleum hydrocarbons - diesel range organics  
TPH-ORO = Total petroleum hydrocarbons - oil range organics  
mg/kg = Milligrams per kilogram  
ft. = Feet  
bgs = Below ground surface  
NA - Not analyzed

**TABLE 4**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**OPERATOR - NOBLE 100322**  
**SPIKE STATE D12-03, WELD COUNTY, COLORADO**  
**REM # 24016**

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
FL01@4'	8/27/2025	4	8.43	0.410	2.7600	<0.105
WH01-SB@2'	8/27/2025	2	7.73	0.627	0.4560	<0.108
WH01-SB@5'	8/27/2025	5	7.58	0.171	0.3360	<0.108
WH01-SB@6'	8/27/2025	6	7.65	0.123	0.3610	<0.106
WH01-SB@7'	8/27/2025	7	7.62	0.089	0.4270	<0.106
WH01-SB01@6'	8/27/2025	6	7.84	0.427	1.2400	<0.105
WH01-SB02@4'	8/27/2025	4	8.27	0.691	2.2600	0.174
WH01-SB02@6'	8/27/2025	6	8.55	0.174	3.0100	<0.109
WH01-SB03@6'	8/27/2025	6	8.20	0.145	2.8500	<0.106
WH01-SB04@6'	8/27/2025	6	8.12	0.304	1.2500	<0.105
BKG04@4'	8/27/2025	4	8.24	0.199	0.1070	0.163
BKG04@5'	8/27/2025	5	8.34	0.172	0.1910	0.111
BKG04@6'	8/27/2025	6	8.38	0.210	0.2350	0.113
BKG04@7'	8/27/2025	7	8.45	0.175	0.4620	<0.109
BKG05@4'	8/27/2025	4	8.31	0.204	0.2080	<0.105
BKG05@5'	8/27/2025	5	8.37	0.176	0.3030	<0.114
BKG05@6'	8/27/2025	6	8.37	0.180	0.3040	<0.102
BKG05@7'	8/27/2025	7	8.41	0.211	0.2730	<0.102
BKG03@4'	8/27/2025	4	8.27	0.239	0.1550	<0.105
BKG03@5'	8/27/2025	5	8.42	0.294	0.2390	<0.105
BKG03@6'	8/27/2025	6	8.37	0.299	0.3040	<0.105
BKG03@7'	8/27/2025	7	8.39	0.282	0.4720	<0.104
BKG02@4'	8/27/2025	4	8.35	0.201	0.0905	<0.108
BKG02@5'	8/27/2025	5	8.42	0.210	0.1340	<0.103
BKG02@6'	8/27/2025	6	8.48	0.331	0.1660	<0.111
BKG02@7'	8/27/2025	7	8.61	0.265	0.1860	<0.104
Maximum Background Concentration			8.61	0.331	0.4720	0.163

**TABLE 4**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**OPERATOR - NOBLE 100322**  
**SPIKE STATE D12-03, WELD COUNTY, COLORADO**  
**REM # 24016**

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.

2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

3. Brown highlighted soil analytical values indicate a regulatory exceedance.

NA - Not analyzed

TABLE 5  
SUMMARY OF METALS IN SOIL CHEMISTRY DATA  
OPERATOR - NOBLE 100322  
SPIKE STATE D12-03, WELD COUNTY, COLORADO  
REM # 24016

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
FL01@4'	8/27/2025	4	<b>5.12</b>	<b>280.0</b>	<0.275	<0.310	<33.3	<10.10	<18.8	0.192	<0.580	<268
WH01-SB@2'	8/27/2025	2	<b>2.28</b>	<61.1	<0.283	<0.359	<34.3	<b>190.00</b>	<19.4	<0.183	<0.596	<276
WH01-SB@5'	8/27/2025	5	<b>2.42</b>	<b>84.1</b>	<0.283	<0.320	<34.2	<10.40	<19.3	<0.183	<0.595	<275
WH01-SB@6'	8/27/2025	6	<b>1.81</b>	73.2	<0.272	<0.310	<32.9	<10.00	<18.6	<0.176	<0.573	<265
WH01-SB@7'	8/27/2025	7	<b>1.79</b>	<61.2	<0.284	<0.310	<34.3	<10.50	<19.4	<0.184	<0.597	<276
WH01-SB01@6'	8/27/2025	6	<b>2.19</b>	<60.5	<0.280	<0.310	<34.0	<10.30	<19.2	<0.182	<0.590	<273
WH01-SB02@4'	8/27/2025	4	<b>2.47</b>	<61.6	<0.285	<0.329	<34.6	13.70	<19.5	<0.185	<0.601	<278
WH01-SB02@6'	8/27/2025	6	<b>2.36</b>	61.2	<0.277	<0.320	<33.5	<10.20	<19.0	<0.179	<0.583	<270
WH01-SB03@6'	8/27/2025	6	<b>1.47</b>	<56.8	<0.263	<0.320	<31.9	<9.71	<18.0	<0.171	<0.555	<257
WH01-SB04@6'	8/27/2025	6	<b>2.14</b>	<59.5	<0.276	<0.310	<33.4	<10.20	<18.9	<0.178	<0.580	<268
BKG04@4'	8/27/2025	4	<b>14.40</b>	72.8	<0.266	<0.310	<32.2	<9.80	<18.2	<0.172	<0.560	<259
BKG04@5'	8/27/2025	5	<b>5.49</b>	<b>88.9</b>	<0.273	<0.300	<33.1	<10.10	<18.7	<0.177	<0.576	<266
BKG04@6'	8/27/2025	6	<b>3.14</b>	<b>106.0</b>	<0.250	<0.300	<30.3	<9.23	<17.1	<0.162	<0.527	<244
BKG04@7'	8/27/2025	7	<b>2.30</b>	70.8	<0.281	<0.330	<34.0	<10.40	<19.2	<0.182	<0.592	<274
BKG05@4'	8/27/2025	4	<b>5.51</b>	<b>168.0</b>	<0.279	<0.310	<33.7	<10.30	<19.1	0.242	<0.587	<271
BKG05@5'	8/27/2025	5	<b>2.81</b>	67.2	<0.312	<0.330	<37.7	<11.50	<21.3	<0.202	<0.656	<303
BKG05@6'	8/27/2025	6	<b>4.78</b>	57.1	<0.262	<0.300	<31.7	<9.65	<17.9	<0.170	<0.551	<255
BKG05@7'	8/27/2025	7	<b>2.98</b>	<59.8	<0.277	<0.300	<33.6	<10.20	<19.0	<0.180	<0.584	<270
BKG03@4'	8/27/2025	4	<b>5.75</b>	<b>140.0</b>	<0.275	<0.310	<33.3	<10.10	<18.8	<0.178	<0.578	<268
BKG03@5'	8/27/2025	5	<b>6.33</b>	<b>276.0</b>	<0.271	<0.310	<32.8	<9.97	<18.5	<0.175	<0.570	<264
BKG03@6'	8/27/2025	6	<b>9.06</b>	<b>127.0</b>	<0.281	<0.320	<34.0	<10.40	<19.2	<0.182	<0.592	<274
BKG03@7'	8/27/2025	7	<b>5.75</b>	<b>96.3</b>	<0.261	<0.310	<31.6	<9.61	<17.8	<0.169	<0.549	<254
BKG02@4'	8/27/2025	4	<b>2.72</b>	<b>118.0</b>	<0.279	<0.320	<33.8	<10.30	<19.1	<0.181	<0.588	<272
BKG02@5'	8/27/2025	5	<b>2.58</b>	<b>104.0</b>	<0.257	<0.300	<31.1	<9.48	<17.6	<0.167	<0.542	<250
BKG02@6'	8/27/2025	6	<b>2.42</b>	<b>192.0</b>	<0.291	<0.320	<35.3	<10.70	<19.9	<0.189	<0.613	<284
BKG02@7'	8/27/2025	7	<b>2.03</b>	<b>157.0</b>	<0.271	<0.310	<32.9	<10.00	<18.6	<0.176	<0.571	<264
1.25x Maximum Background Concentration			18.00	345.0	-	-	-	-	-	0.303	-	-

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.

2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

**TABLE 5**  
**SUMMARY OF METALS IN SOIL CHEMISTRY DATA**  
**OPERATOR - NOBLE 100322**  
**SPIKE STATE D12-03, WELD COUNTY, COLORADO**  
**REM # 24016**

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370

3. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).

4. Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

\* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed

<b>Client Name:</b> Chevron		<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
<b>Photo:</b> 1	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB01@6'		



<b>Photo:</b> 2	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB02@4' Potential contamination was encountered at 4 feet. Staining and no odor
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<b>Client Name:</b> Chevron	<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
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<b>Photo:</b> 3	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB02@4' Potential contamination was encountered at 4 feet. There was staining and no odor
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<b>Photo:</b> 4	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB02@6'
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<b>Client Name:</b> Chevron	<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
<b>Photo:</b> 5	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB03@6'	



<b>Photo:</b> 6	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB04@6'	
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<b>Client Name:</b> Chevron		<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
<b>Photo:</b> 7	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB@2' Potential contamination was encountered at 2 feet. There was staining and odor		



<b>Photo:</b> 8	<b>Date:</b> 08/27/2025	<b>Description:</b> WH01-SB@5', WH01-SB@6', WH01-SB@7'		
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<b>Client Name:</b> Chevron	<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
<b>Photo:</b> 9	<b>Date:</b> 08/27/2025	<b>Description:</b> BKG02@4', BKG02@5', BKG02@6', BKG02@7'	



<b>Photo:</b> 10	<b>Date:</b> 08/27/2025	<b>Description:</b> BKG03@4', BKG03@5', BKG03@6', BKG03@7'	
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<b>Client Name:</b> Chevron	<b>Project Name:</b> Spike State D 12-03	<b>Project Location:</b> 40.245310, -104.501860	<b>REM Number:</b> 22016
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<b>Photo:</b> 11	<b>Date:</b> 08/27/2025	<b>Description:</b> BKG04@4', BKG04@5', BKG04@6', BKG04@7'
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<b>Photo:</b> 12	<b>Date:</b> 08/27/2025	<b>Description:</b> BKG05@4', BKG05@5', BKG04@6', BKG05@7'
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**Client Name:**  
Chevron

**Project Name:**  
Spike State D 12-03

**Project Location:**  
40.245310, -104.501860

**REM Number:**  
22016

**Photo:**  
13

**Date:**  
08/27/2025

**Description:** FL01@4'

