



Montrose Environmental Group
Date: 2/6/2026

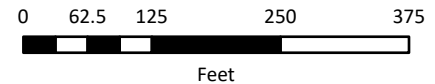
Reviewed By: R. Bumgardner
Author: S. B. Brown

Historical Background Sampling Locations (1/28/2026) Foss 06-35

Noble- 100322
SWSW/S6/T6N/R63W6
Weld County, Colorado

Facility Number: 290569
REM Number: 38413
API Number: 05-123-25138

Figure 1



Coord. Sys.: GCS North American 1983

TABLE 1
FIELD DATA SUMMARY TABLE
OPERATOR NOBLE 100322
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
WH01@6'	1/29/2025	6	40.5113350	-104.4841810	N/A	0.0
FLR01@4'	1/29/2025	4	40.5113300	-104.4841750	N/A	0.1
WH01-N@4'	1/29/2025	4	40.5113430	-104.4841880	N/A	0.1
WH01-E@4'	1/29/2025	4	40.5113400	-104.4841680	N/A	0.0
WH01-W@4'	1/29/2025	4	40.5113290	-104.4841970	N/A	0.0
FL01-06@4'	3/12/2025	4	40.5096940	-104.4872120	0.7	0.6
FL02-01@4'	3/12/2025	4	40.5089950	-104.4882840	0.8	1.0
FL01R-S@2'	3/12/2025	2	40.5088450	-104.4883960	0.9	1.2
FL01R-W@3'	3/12/2025	3	40.5113170	-104.4841750	0.9	0.4
FL02R-W@3'	3/12/2025	3	40.5100630	-104.4871190	0.8	0.8
FL01-02@4'	3/12/2025	4	40.5106490	-104.4848330	0.9	0.4
FL01-03@4'	3/12/2025	4	40.5103940	-104.4854290	0.8	0.5
FL02-02@4'	3/12/2025	4	40.5094160	-104.4878190	0.8	1.0
FL01-05@3'	3/12/2025	3	40.5099000	-104.4866860	0.7	0.4
FL01-07@4'	3/12/2025	4	40.5094640	-104.4877220	0.8	0.8
FL02R-S@2'	3/12/2025	2	40.5088560	-104.4883860	0.9	0.6
FL01-08@4'	3/12/2025	4	40.5089550	-104.4882790	0.8	0.7
FL02-03@4'	3/12/2025	4	40.5097830	-104.4874360	0.8	1.1
FL01-04@4'	3/12/2025	4	40.5101220	-104.4861200	0.8	0.3
FL01-01@3'	3/12/2025	3	40.5109900	-104.4845300	0.9	0.4
BKG04@2'	1/28/2026	2	40.5094338	-104.4882367	1.1	0.1
BKG04@3'	1/28/2026	3	40.5094338	-104.4882367	1.1	0.0
BKG04@4'	1/28/2026	4	40.5094338	-104.4882367	1.1	0.1

TABLE 1
FIELD DATA SUMMARY TABLE
OPERATOR NOBLE 100322
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
BKG05@2'	1/28/2026	2	40.5097813	-104.4879863	1.0	0.2
BKG05@3'	1/28/2026	3	40.5097813	-104.4879863	1.0	0.0
BKG05@4'	1/28/2026	4	40.5097813	-104.4879863	1.0	0.1
BKG06@2'	1/28/2026	2	40.5097697	-104.4877902	1.0	0.0
BKG06@3'	1/28/2026	3	40.5097697	-104.4877902	1.0	0.0
BKG06@4'	1/28/2026	4	40.5097697	-104.4877902	1.0	0.0
BKG07@2'	1/28/2026	2	40.5099952	-104.4875648	1.0	0.2
BKG07@3'	1/28/2026	3	40.5099952	-104.4875648	1.0	0.0
BKG07@4'	1/28/2026	4	40.5099952	-104.4875648	1.0	0.1
BKG08@2'	1/28/2026	2	40.5101587	-104.4873880	1.0	0.1
BKG08@3'	1/28/2026	3	40.5101587	-104.4873880	1.0	0.0
BKG08@4'	1/28/2026	4	40.5101587	-104.4873880	1.0	0.0

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
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

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**		
WH01@6'	1/29/2025	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00369	<500	<0.200	<25.0	<100
FL01R-W@3'	3/12/2025	3	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00360	<500	<0.200	<25.0	<100
FL01-02@4'	3/12/2025	4	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00387	<500	<0.200	<25.0	<100
FL01-05@3'	3/12/2025	3	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00355	<500	<0.200	<25.0	<100
FL01-07@4'	3/12/2025	4	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00351	<500	<0.200	<25.0	<100
FL01R-S@2'	3/12/2025	2	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00357	<500	<0.200	<25.0	<100
FL02R-W@3'	3/12/2025	3	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.00387	<500	<0.200	<25.0	<100
FL02-01@4'	3/12/2025	4	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.03750	<500	<0.200	<25.0	<100
FL02R-S@2'	3/12/2025	2	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00359	<500	<0.200	<25.0	<100

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
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

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
WH01@6'	1/29/2025	6	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369	<0.00369
FL01R-W@3'	3/12/2025	3	<0.00360	0.00252	0.00649	0.00649	0.00793	0.00252	0.00721	<0.00360	0.01620	<0.00360	0.00396	0.01370	<0.00360	<0.00360
FL01-02@4'	3/12/2025	4	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387	<0.00387
FL01-05@3'	3/12/2025	3	<0.00355	0.00178	0.00320	0.00249	0.00320	<0.00355	0.00284	<0.00355	0.00853	<0.00355	<0.00355	0.00675	<0.00355	<0.00355
FL01-07@4'	3/12/2025	4	<0.00351	0.00807	0.01890	0.01680	0.01860	0.01330	0.01890	0.01120	0.03300	0.00246	0.01370	0.02910	<0.00351	<0.00351
FL01R-S@2'	3/12/2025	2	<0.00357	<0.00357	0.00250	0.00250	0.00286	<0.00357	0.00214	<0.00357	0.00429	<0.00357	<0.00357	0.00393	<0.00357	<0.00357
FL02R-W@3'	3/12/2025	3	0.00774	0.02110	0.02250	0.01650	0.02080	0.00774	0.02290	0.00317	0.06340	0.01130	0.00915	0.04820	<0.00352	0.00211
FL02-01@4'	3/12/2025	4	0.07900	0.19600	0.28100	0.20900	0.27100	0.09580	0.29200	0.03710	0.69500	0.11100	0.12600	0.54900	0.00918	0.01480
FL02R-S@2'	3/12/2025	2	<0.00359	<0.00359	0.00288	0.00288	0.00324	<0.00359	0.00288	<0.00359	0.00683	<0.00359	<0.00359	0.00539	<0.00359	<0.00359

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
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

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
WH01@6'	1/29/2025	6	8.91	0.803	6.7700	0.200
FL01R-W@3'	3/12/2025	3	8.20	1.030	2.4900	0.377
FL01-02@4'	3/12/2025	4	8.32	1.740	5.9500	0.575
FL01-05@3'	3/12/2025	3	8.16	1.830	2.9700	0.345
FL01-07@4'	3/12/2025	4	8.21	2.210	4.7800	0.294
FL01R-S@2'	3/12/2025	2	8.23	0.201	0.0567	<0.102
FL02R-W@3'	3/12/2025	3	8.32	1.860	3.8400	0.654
FL02-01@4'	3/12/2025	4	8.30	0.353	0.8280	0.127
FL02R-S@2'	3/12/2025	2	8.30	0.222	0.0491	<0.101
BKG04@2'	1/28/2026	2	8.28	1.770	2.8000	0.181
BKG04@3'	1/28/2026	3	7.98	2.680	2.2800	0.220
BKG04@4'	1/28/2026	4	8.19	1.360	2.5100	0.235
BKG05@2'	1/28/2026	2	8.43	1.330	4.4100	0.958
BKG05@3'	1/28/2026	3	8.12	1.890	3.1300	0.507
BKG05@4'	1/28/2026	4	8.44	0.838	3.5400	0.196
BKG06@2'	1/28/2026	2	8.67	0.467	5.8600	0.460
BKG06@3'	1/28/2026	3	8.42	0.991	4.7400	0.429
BKG06@4'	1/28/2026	4	8.27	1.410	4.5800	0.561
BKG07@2'	1/28/2026	2	8.39	1.910	6.1600	1.100
BKG07@3'	1/28/2026	3	8.27	1.250	4.5700	0.431
BKG07@4'	1/28/2026	4	8.31	1.000	4.5400	0.343
BKG08@2'	1/28/2026	2	8.42	1.280	6.1400	0.610
BKG08@3'	1/28/2026	3	8.07	2.090	4.2900	0.822
BKG08@4'	1/28/2026	4	7.93	2.530	1.9800	0.345
Maximum Background Concentration			8.67	-	6.1600	-

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
FOSS 06-35 WELD COUNTY, COLORADO
REM #38413

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
WH01@6'	1/29/2025	6	2.10	41.4	<0.0959	<0.422*	<9.59	4.00	3.96	<0.249	<0.0959	<35.5
FL01R-W@3'	3/12/2025	3	3.33	49.8	0.1150	<0.419*	<9.18	5.13	5.45	<0.239	<0.0918	<34.0
FL01-02@4'	3/12/2025	4	3.06	37.8	<0.0867	<0.336*	<8.67	<4.84	4.77	<0.225	<0.0867	<32.1
FL01-05@3'	3/12/2025	3	3.53	52.0	<0.0912	<0.333*	<9.12	5.61	5.97	<0.237	<0.0912	<33.7
FL01-07@4'	3/12/2025	4	2.58	57.2	<0.0941	<0.352*	<9.41	4.07	3.97	<0.245	<0.0941	<34.8
FL01R-S@2'	3/12/2025	2	3.25	53.6	0.1050	<0.279	<9.92	5.30	4.47	<0.258	<0.0992	<36.7
FL02R-W@3'	3/12/2025	3	3.78	55.8	0.0922	<0.391*	<8.38	6.52	4.75	<0.218	<0.0838	<31.0
FL02-01@4'	3/12/2025	4	1.92	39.6	<0.0915	<0.298	<9.15	2.55	2.57	<0.238	<0.0915	<33.8
FL02R-S@2'	3/12/2025	2	2.46	45.4	<0.0857	<0.274	<8.57	3.90	4.22	<0.223	<0.0857	<31.7
BKG04@2'	1/28/2026	2	3.12	<55.1	<0.2550	<0.216	<30.90	<9.41	<17.50	<0.165	<0.5380	<249.0
BKG04@3'	1/28/2026	3	2.68	<53.7	<0.2490	<0.200	<30.10	<9.17	<17.00	<0.161	<0.5240	<242.0
BKG04@4'	1/28/2026	4	2.56	79.5	<0.2800	<0.205	<33.90	<10.30	<19.10	<0.181	<0.5890	<273.0
BKG05@2'	1/28/2026	2	3.65	<59.2	<0.2750	<0.208	<33.20	<10.10	<18.80	0.180	<0.5780	<267.0
BKG05@3'	1/28/2026	3	3.49	73.1	<0.2600	<0.208	<31.50	<9.58	<17.80	<0.168	<0.5470	<253.0
BKG05@4'	1/28/2026	4	2.78	<55.2	<0.2560	<0.216	<30.90	<9.42	<17.50	<0.165	<0.5380	<249.0
BKG06@2'	1/28/2026	2	3.10	67.4	<0.2600	<0.221	<31.50	<9.59	<17.80	0.180	<0.5480	<253.0
BKG06@3'	1/28/2026	3	5.61	97.9	<0.2680	<0.218	<32.40	<9.87	<18.30	0.266	<0.5640	<261.0
BKG06@4'	1/28/2026	4	5.43	105.0	<0.2940	<0.222	<35.60	<10.80	<20.10	<0.190	<0.6180	<286.0
BKG07@2'	1/28/2026	2	3.66	74.4	<0.2740	<0.217	<33.10	<10.10	<18.70	<0.177	<0.5760	<266.0
BKG07@3'	1/28/2026	3	2.37	<57.2	<0.2650	<0.207	<32.10	<9.77	<18.10	<0.172	<0.5580	<258.0
BKG07@4'	1/28/2026	4	2.20	<58.8	<0.2730	<0.205	<33.00	<10.00	<18.70	<0.177	<0.5740	<265.0
BKG08@2'	1/28/2026	2	4.20	88.1	<0.2770	<0.218	<33.50	<10.20	<18.90	<0.179	<0.5820	<269.0
BKG08@3'	1/28/2026	3	3.22	97.7	<0.2810	<0.216	<34.00	<10.40	<19.20	<0.182	<0.5920	<274.0
BKG08@4'	1/28/2026	4	2.49	<60.4	<0.2800	<0.204	<33.90	<10.30	<19.10	<0.181	<0.5890	<272.0
1.25x Maximum Background Concentration			7.01	131.2	-	-	-	-	-	0.332	-	-

- Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- 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

Client Name: Chevron		Project Name: Foss 06-35	Project Location: 40.511337, -104.484180	REM Number: 38413
Photo: 1	Date: 01/28/2026	Description: Representative picture of general conditions at soil sampling location BKG04@2',3',4' (40.5094338, -104.4882367) in well-graded sand (SW) at background location at a depth of approximately two, three, and four (2, 3, 4) feet bgs (PID: 0.1, 0.0, 0.1 ppm). Staining and odor were not present.		



Photo: 2	Date: 01/28/2026	Description: Representative picture of general conditions at soil sampling location BKG05@2',3',4' (40.5097813, -104.4879863) in well-graded sand (SW) at background location at a depth of approximately two, three, and four (2, 3, 4) feet bgs (PID: 0.2, 0.0, 0.1 ppm). Staining and odor were not present.		
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Client Name: Chevron	Project Name: Foss 06-35	Project Location: 40.511337, -104.484180	REM Number: 38413
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Photo: 3	Date: 01/28/2026	Description: Representative picture of general conditions at soil sampling location BKG06@2',3',4' (40.5097697, -104.4877902) in well-graded sand (SW) at background location at a depth of approximately two, three, and four (2, 3, 4) feet bgs (PID: 0.0, 0.0, 0.0 ppm). Staining and odor were not present.
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Photo: 4	Date: 01/28/2026	Description: Representative picture of general conditions at soil sampling location BKG07@2',3',4' (40.5099952, -104.4875648) in well-graded sand (SW) at background location at a depth of approximately two, three, and four (2, 3, 4) feet bgs (PID: 0.2, 0.0, 0.1 ppm). Staining and odor were not present.
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Client Name: Chevron	Project Name: Foss 06-35	Project Location: 40.511337, -104.484180	REM Number: 38413
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Photo: 5	Date: 01/28/2026	Description: Representative picture of general conditions at soil sampling location BKG08@2',3',4' (40.5101587, -104.4873880) in well-graded sand (SW) at background location at a depth of approximately two, three, and four (2, 3, 4) feet bgs (PID: 0.1, 0.0, 0.0 ppm). Staining and odor were not present.
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