

January 4, 2024

Noble Energy, Inc – Frenzel B 15-25

Site Investigation Update

NWSW Sec. 15, T5N, R64W

Weld County, Colorado

Fremont Project No. C022-196

Facility # 285641, Remediation #24600

Site Overview – Site History

The site consists of the former Frenzel B 15-25 Flowline. A historical release was identified at the flowline during decommissioning activities on October 21, 2022. A comprehensive site investigation was undertaken to define the magnitude and extent of soil impacts. Soil impacts will be removed via excavation at and adjacent to the former flowline location. The proposed dimensions of the excavation extent are estimated to be 25'x25'x3' deep.

Groundwater was encountered during the site investigation.

Conceptual Site Model*

* Data presented represents the most recent sampling event

- **Land Use** – Agricultural (Crop)
- **Lithology (USCS)** – SW
- **Potential Receptors within ¼ mile** – Flowline is located in a Freshwater Emergent Wetland
- **Groundwater Encountered** – Yes
- **Estimated Depth to Groundwater** – three feet
- **Impacted Media and Excavation Extent** – Soil – 25'x25'x3' deep (proposed)
- **Volume of Impacts Removed** – Impacts remain in situ
- **Waste Type** – Non-hazardous

Contaminants of Concern (COC)

The laboratory data indicate organic and inorganic soil constituents in 13 of the 20 samples exceed the ECMC Table 915-1 standards in samples collected during the January 4, 2024 supplemental site investigation conducted at and adjacent to the former flowline location. COCs include, benzo (a) anthracene, pH, SAR, arsenic, selenium and barium. The soil analytical data are summarized in Tables 1-4. A copy of the laboratory's report, quality control data, and chain-of-custody documentation is attached.

Remedial Actions

The source will be excavated, and confirmation soil samples will be collected and analyzed for the full Table 915 suite. Impacted groundwater, encountered during the flowline decommissioning activities, will be monitored quarterly in accordance with the sampling plan provided in Appendix A.

A no further action (NFA) designation will be requested following source removal and/or in situ remediation of impacted soil at the location, and completion of four consecutive quarters of groundwater reported at the location with concentrations of Table 915 constituents below regulatory limits. Should no additional active remediation be required a no further action (NFA) determination following laboratory.

As needed, soil and/or groundwater remediation plans will be developed and submitted to ECMC in a supplemental Form 27. Monitoring wells destroyed during excavation will be reinstalled within 45 days of excavation completion.

Remarks

The discussion and conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

This report was prepared by **FREMONT ENVIRONMENTAL INC.**



4/19/24

Date_____

Aaron Otilar

Consultant

Reviewed by:



4/19/24

Date_____

Paul V. Henehan, P.E.

Senior Consultant

Attachments:

Tables

Figures

Boring Logs

Laboratory Report

Appendix :

Appendix A: Groundwater Sampling Plan

ATTACHMENTS

TABLE 1
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

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 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**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500**		
WH-SS-01 @ 3'	10/21/2022	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
WH-SS-02 @ 3'	10/21/2022	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
WH-SS-03 @ 3'	10/21/2022	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
WH-SS-04 @ 3'	10/21/2022	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
FL01@2.5'	12/7/2022	2.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
FL02@2.5'	12/7/2022	2.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
FL04@2.5'	12/7/2022	2.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	74	<50
FL05@3.0'	12/7/2022	3.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
FL10@4.5'	12/7/2022	4.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW1@3.5'	01/04/2024	3.5'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	24	96	<50
MW1@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW2@3'	01/04/2024	3'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW2@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW3@2'	01/04/2024	2'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW3@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW4@2.5'	01/04/2024	2.5'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW4@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW5@2'	01/04/2024	2'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW5@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW6@2'	01/04/2024	2'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW6@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB1@2'	01/04/2024	2'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB1@6'	01/04/2024	6'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB2@2'	01/04/2024	2'	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50

Bold faced values exceed the ECMC Table 915-1 concentrations

Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

Green highlighted cells indicate soil removed via excavation

* Indicates laboratory minimum detection limit in excess of SSL

** Summation of GRO+DRO+ORO must be less than 500 mg/kg

NA - Not analyzed

TABLE 2
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

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
WH-SS-01 @ 3'	10/21/2022	3	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
WH-SS-02 @ 3'	10/21/2022	3	<0.0035	<0.00335	<0.00336	0.00236	<0.00338	<0.00338	<0.00340	<0.00341	0.00381	<0.00343	<0.00343	0.00651	0.00446	<0.00355
WH-SS-03 @ 3'	10/21/2022	3	0.00092	0.00130	<0.00067	<0.00067	<0.00067	<0.00067	0.00088	0.00306	<0.00067	<0.00067	0.00094	0.00688	0.00172	0.00119
WH-SS-04 @ 3'	10/21/2022	3	0.00183	0.00189	<0.00067	<0.00067	<0.00067	0.000630	0.00148	<0.00067	0.00121	0.01050	0.00122	0.01050	0.00408	0.00190
FL01@2.5'	12/7/2022	2.5 Ft	<0.00500	<0.00500	0.006	0.006	0.009	<0.00500	0.00792	<0.00500	0.012	<0.00500	<0.00500	0.017	<0.00500	<0.00500
FL02@2.5'	12/7/2022	2.5 Ft	0.130	0.131	0.143	0.093	0.130	0.054	0.134	0.014	0.414	0.118	0.663	0.308	0.124	0.238
FL04@2.5'	12/7/2022	2.5 Ft	0.609	0.816	0.852	0.726	1.020	0.385	0.766	0.110	2.520	0.73	0.514	1.750	0.0977	0.174
FL05@3.0'	12/7/2022	3.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL10@4.5'	12/7/2022	4.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW1@3.5'	01/04/2024	3.5'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW1@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW2@3'	01/04/2024	3'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW2@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW3@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW3@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW4@2.5'	01/04/2024	2.5'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW4@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW5@2'	01/04/2024	2'	<0.00500	<0.00500	0.013	<0.00500	<0.00500	<0.00500	0.0153	<0.00500	<0.00500	<0.00500	<0.00500	0.007	0.00517	0.00582
MW5@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW6@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW6@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB1@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB1@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB2@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB2@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB3@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB3@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB4@2'	01/04/2024	2'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB4@6'	01/04/2024	6'	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Bold faced values exceed the ECMC Table 915-1 concentrations

Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed

Green highlighted cells indicate soil removed via excavation

TABLE 3
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

Sample ID	Sample Date	Depth (ft)	pH	EC (mmhos/cm)	SAR	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
Max. Background Concentration (or Concentration Range)			-	-	-	-
WH-SS-01 @ 3'	10/21/2022	3	8.14	0.465	2.36	<0.0990
WH-SS-02 @ 3'	10/21/2022	3	8.09	8.09	9.57	2.56
WH-SS-03 @ 3'	10/21/2022	3	8.24	0.821	1.96	0.197
WH-SS-04 @ 3'	10/21/2022	3	8.26	1.71	4.3	1.19
Background-01 @ 3'	10/21/2022	3	NA	0.269	0.41	<0.0990
FL01@2.5'	12/7/2022	2.5 Ft	7.66	2.73	2.63	0.538
FL02@2.5'	12/7/2022	2.5 Ft	8.26	0.485	2.15	0.199
FL04@2.5'	12/7/2022	2.5 Ft	7.66	1.71	3.7	0.257
FL05@3.0'	12/7/2022	3.0 Ft	7.97	1.09	4.15	0.149
FL10@4.5'	12/7/2022	4.5 Ft	8.01	0.319	0.643	0.461
MW1@3.5'	01/04/2024	3.5'	8.31	0.686	2.25	<2.00
MW1@6'	01/04/2024	6'	8.01	0.16	0.95	<2.00
MW2@3'	01/04/2024	3'	8.08	1.3	5.08	<2.00
MW2@6'	01/04/2024	6'	8.35	0.213	1.09	<2.00
MW3@2'	01/04/2024	2'	8.53	1.37	9.5	<2.00
MW3@6'	01/04/2024	6'	8.16	0.276	1.28	<2.00
MW4@2.5'	01/04/2024	2.5'	8.76	0.668	6.24	<2.00
MW4@6'	01/04/2024	6'	8.05	0.176	0.911	<2.00
MW5@2'	01/04/2024	2'	8.75	0.617	4.17	<2.00
MW5@6'	01/04/2024	6'	8.03	0.25	1.25	<2.00
MW6@2'	01/04/2024	2'	8.45	1.66	12.5	<2.00
MW6@6'	01/04/2024	6'	8.40	0.212	1.07	<2.00
SB1@2'	01/04/2024	2'	8.33	2.43	5.63	<2.00
SB1@6'	01/04/2024	6'	8.37	0.264	1.2	<2.00
SB2@2'	01/04/2024	2'	8.64	3.21	9.34	<2.00

Sample ID	Sample Date	Depth (ft)	pH	EC (mmhos/cm)	SAR	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
Max. Background Concentration (or Concentration Range)			-	-	-	-
SB4@6'	01/04/2024	6'	8.54	0.266	1.11	<i><2.00</i>

Bold faced, yellow highlighted values exceed the ECMC Table 915-1 concentrations

Green highlighted cells indicate soil removed via excavation

Orange highlighted cells exceed of the maximum background concentration, or concentration range

Yellow highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

NA - Not analyzed

TABLE 4
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

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
125% Max. Background Concentration												
WH-SS-02 @ 3'	10/21/2022	3	2.91	95	0.155	<0.244	10.5	16.9	<9.64	0.323	<0.0964	<96.4
Background-01 @ 3'	10/21/2022	3	0.143	22.8	<0.0951	NA	<9.51	<9.51	<9.51	<0.951	<0.951	<95.1
MW1@3.5'	01/04/2024	3.5'	1.16	53.7	<0.200	<0.30	4.1	5.13	3.1	<0.260	0.0202	14.7
MW1@6'	01/04/2024	6'	0.337	6.4	<0.200	<0.30	0.858	0.978	0.863	<0.260	<0.0200	4.1
MW2@3'	01/04/2024	3'	1.83	105	<0.200	<0.30	4.84	6.91	4.27	<0.260	0.0322	20.2
MW2@6'	01/04/2024	6'	0.433	10.7	<0.200	<0.30	1.07	1.38	0.969	<0.260	<0.0200	4.8
MW3@2'	01/04/2024	2'	3.09	133	0.32	<0.30	8.04	12.3	5.7	0.29	0.0739	29.3
MW3@6'	01/04/2024	6'	0.424	6.8	<0.200	<0.30	0.8	0.978	0.669	<0.260	<0.0200	3.69
MW4@2.5'	01/04/2024	2.5'	1.95	72.8	<0.200	<0.30	4.31	5.34	3.66	<0.260	0.0257	16.4
MW4@6'	01/04/2024	6'	0.543	10.2	<0.200	<0.30	1.35	1.31	1.17	<0.260	<0.0200	5.53
MW5@2'	01/04/2024	2'	1.85	58.1	<0.200	<0.30	4.24	5.21	4.04	<0.260	0.0254	17.1
MW5@6'	01/04/2024	6'	0.56	21.3	<0.200	<0.30	2.86	2.54	1.98	<0.260	<0.0200	10.6
MW6@2'	01/04/2024	2'	2.45	104	0.26	<0.30	7.14	10.5	4.82	<0.260	0.0728	25.1
MW6@6'	01/04/2024	6'	0.435	6.87	<0.200	<0.30	1.06	1.22	0.788	<0.260	<0.0200	4.11
SB1@2'	01/04/2024	2'	2.44	86.8	0.25	<0.30	9.23	9.98	4.94	0.32	0.0727	33.5
SB1@6'	01/04/2024	6'	0.472	12.3	<0.200	<0.30	1.1	1.33	0.844	<0.260	<0.0200	4.68
SB2@2'	01/04/2024	2'	3.88	116	0.29	<0.30	7.95	11.4	5.09	0.33	0.0817	27.2
SB2@6'	01/04/2024	6'	0.397	6.13	<0.200	<0.30	0.776	0.891	0.68	<0.260	<0.0200	4.05
SB3@2'	01/04/2024	2'	3.22	114	0.317	<0.30	7.82	12.3	5.3	0.342	0.0713	27.8
SB3@6'	01/04/2024	6'	0.305	5.69	<0.200	<0.30	0.781	0.761	0.433	<0.260	<0.0200	2.5
SB4@2'	01/04/2024	2'	3.36	121	0.341	<0.30	8.22	13.6	5.45	<0.260	0.0921	29.6
SB4@6'	01/04/2024	6'	0.439	7.12	<0.200	<0.30	0.928	0.989	0.76	<0.260	<0.0200	3.47

Bold faced values exceed the ECMC Table 915-1 concentrations

Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

Orange highlighted cells exceed 125% of the maximum background concentration

* Indicates laboratory minimum detection limit in excess of SSL

Green highlighted cells indicate soil removed via excavation

NA - Not analyzed

TABLE 5
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethyl- Benzene (µg/L)	1,3,5- Trimethyl- Benzene (µg/L)	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	LNAPL Thickness (ft)
ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
GW-01	10/21/2022	32.5	39	7.06	46.1	3.17	18.4	7.50	NA	NA	NA	NA
GW01	12/7/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
GW02	12/7/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
MW1	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.76	2.15	4.61	NP
MW2	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.56	2.31	4.25	NP
MW3	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.87	2.06	4.81	NP
MW4	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.45	2.01	4.44	NP
MW5	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.33	2.47	3.86	NP
MW6	01/04/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.59	2.42	4.17	NP

Bold face values exceed the ECMC concentration limits

Red highlighted 915-1 Limits indicate the referenced groundwater screening level

NP - No measurable LNAPL, NA - Not Analyzed, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed

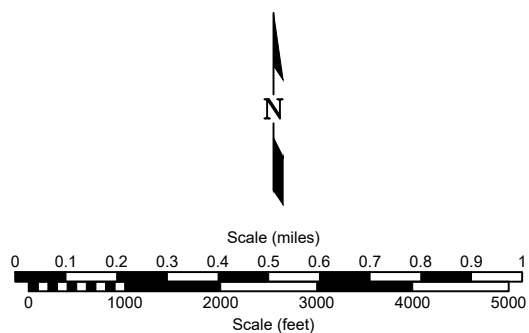
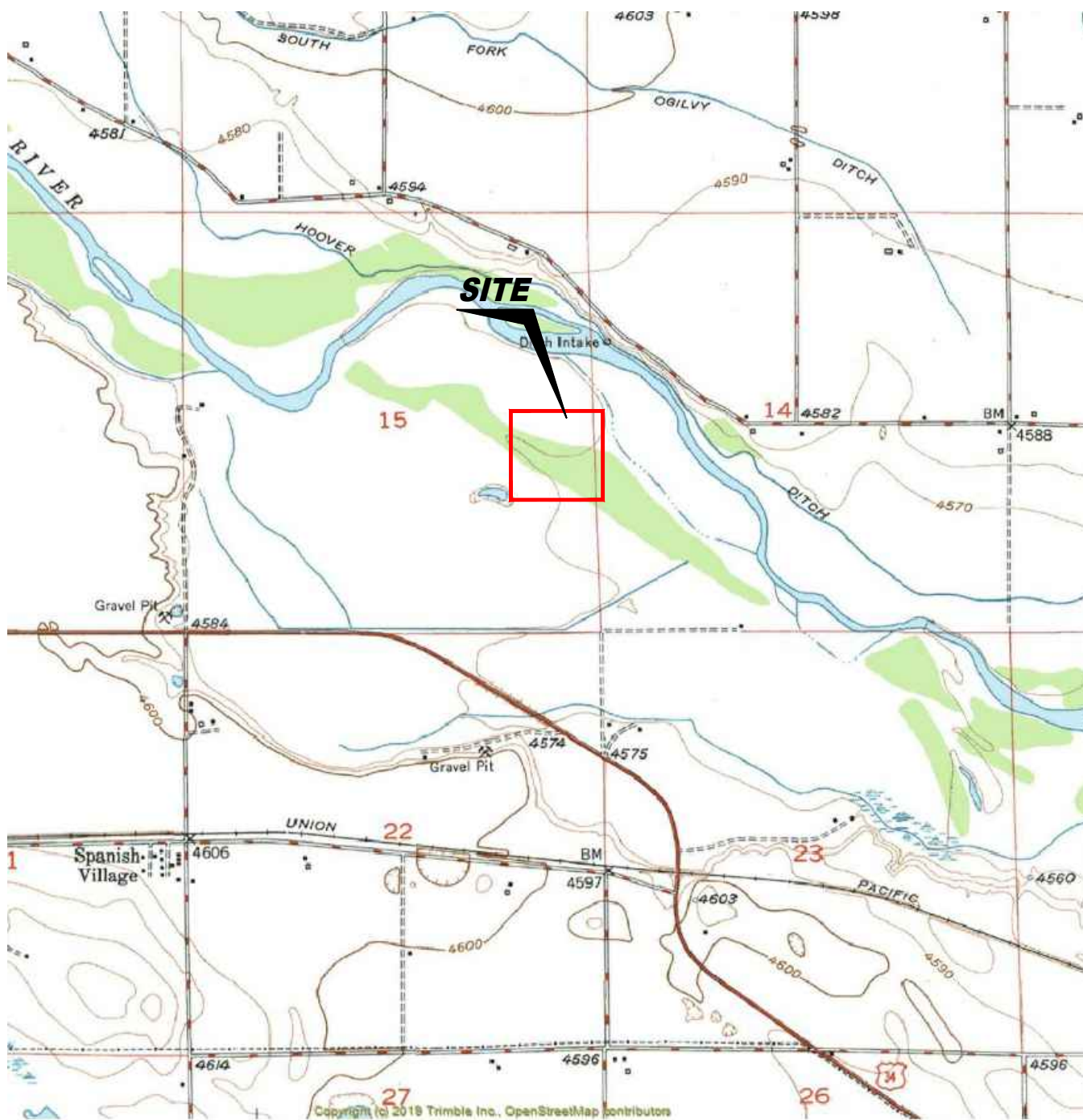
TABLE 6
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
NOBLE ENERGY INC.
FRENZEL B15-25, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-196

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
MW1	01/04/2024	931	162	419
MW2	01/04/2024	923	154	374
MW3	01/04/2024	899	152	371
MW4	01/04/2024	861	142	338
MW5	01/04/2024	1160	210	509
MW6	01/04/2024	1080	179	493

Bold face values exceed the ECMC concentration limits

Yellow highlighted 915-1 Limits indicate the referenced groundwater screening level

NP - No measurable LNAPL, NA - Not Analyzed, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

NOBLE ENERGY, INC. ~ FRENZEL B15-25
NWSW Sec. 15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 °, -104.540770°

Project # C022-196	API # 05-123-24009	Facility # 285641
Date 3/7/24	Remediation # 24600	Filename 22196T






LEGEND

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- CONTAINMENT BERM
- FENCE LINE

**Figure 2
SITE MAP**

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
 NWSW Sec.15, T5N, R64W, 6th PM
 Weld County, Colorado
 40.395921 ° , -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	
Date 3/7/24	Reviewed By 24600	Filename 22196Q	




LEGEND

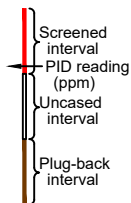
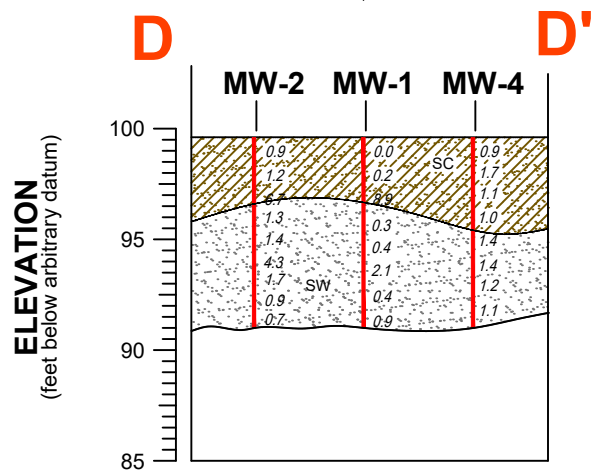
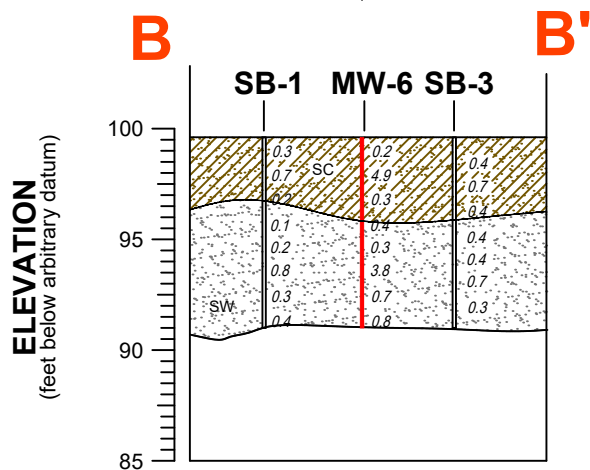
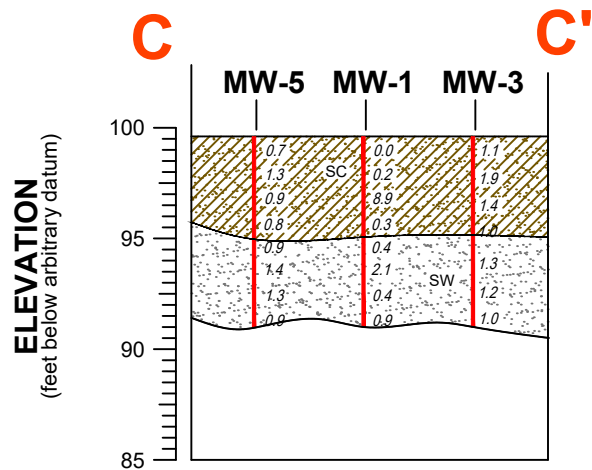
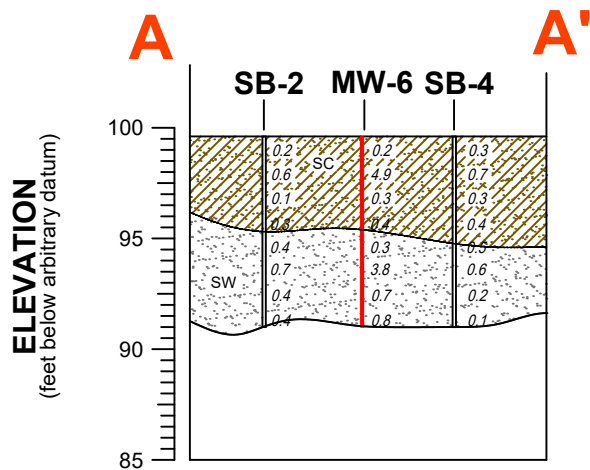
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- CONTAINMENT BERM
- FENCE LINE
- CROSS SECTION CUT LINE

A — A'

Figure 3
CROSS SECTION MAP

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 ° , -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	
Date 3/7/24	Reviewed By 24600	Filename 22196Q	



LEGEND

CH Clay, high plasticity	SW Sand, well-graded	FILL
CL Clay, low plasticity	SP Sand, poorly-graded	Asphalt
MP Silt, high plasticity	SC Sand, clayey	Concrete
ML Silt, low plasticity	SM Sand silty	Basin fill
CH-MH Clay, silty high plasticity	GW Gravel, well-graded	Claystone
CL-ML Clay, silty, low plasticity	GP Gravel, poorly-graded	Siltstone
MH-CH Silt, clayey high plasticity	GC Gravel, clayey	Shale
ML-CL Silt, clayey low plasticity	GM Gravel, silty	Sandstone

Figure 4
CROSS SECTIONS A - A'; B - B'; C - C'; D - D'

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 °, -104.540770°

Project No. C022-196	API # 05-123-24009	Facility # 285641
Date 3/7/24	Remediation # 24600	Filename 22196X



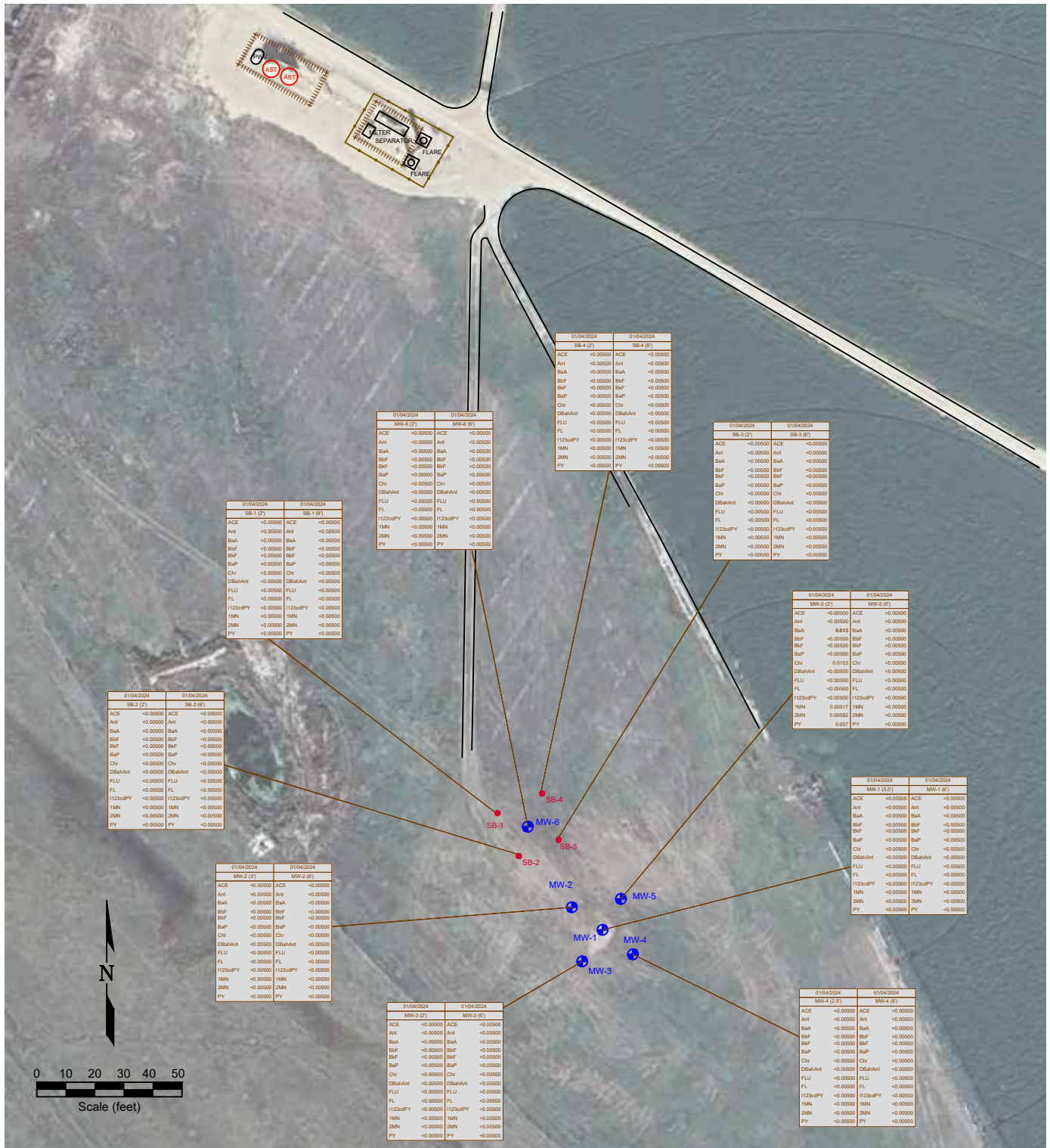


Figure 5
PAH SOIL CHEMISTRY MAP
January 4, 2024

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 °, -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	
Date 3/7/24	Reviewed By 24600	Filename 22196Q	

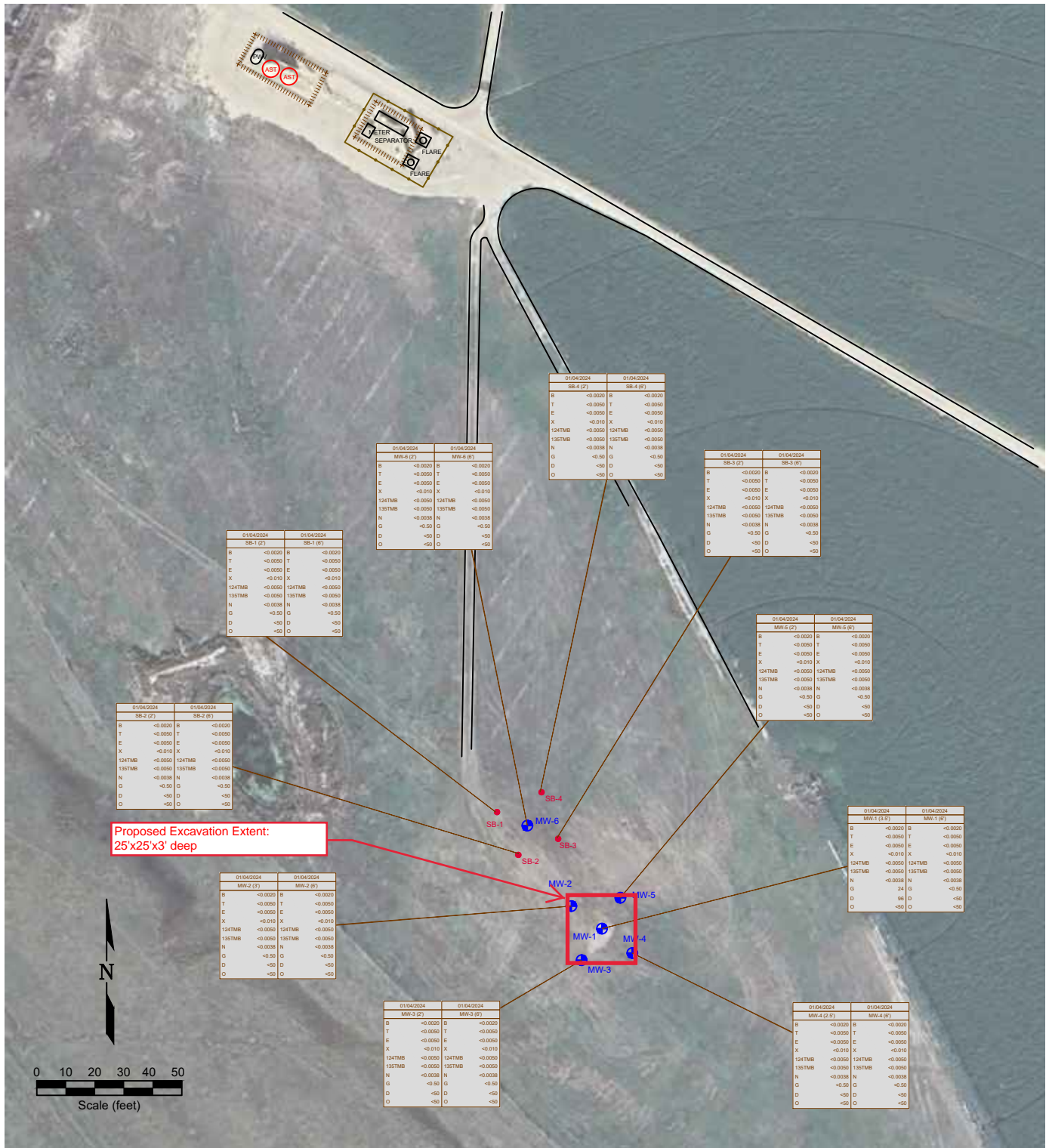


Figure 6
VOLATILE SOIL CHEMISTRY MAP
January 4, 2024

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 °, -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	
Date 3/7/24	Reviewed By 24600	Filename 22196Q	




LEGEND

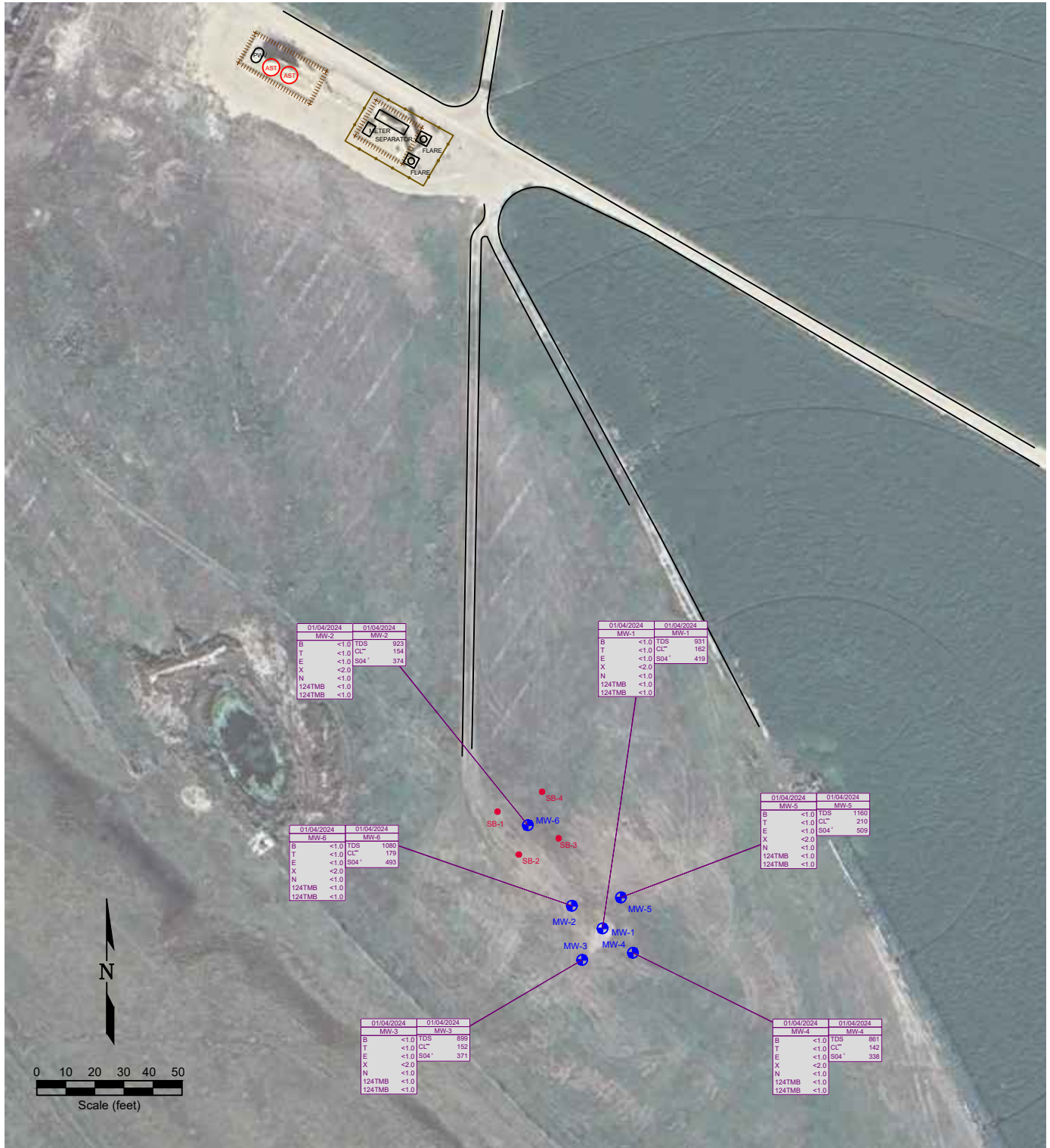
- SOIL BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- CONTAINMENT BERM
- FENCE LINE
- MONITORING WELL LOCATION
- (4.81) GROUND WATER ELEVATION (ft above arbitrary datum)
- WATER TABLE CONTOUR
- GROUND WATER FLOW DIRECTION

Figure 9

INFERRED GROUNDWATER CONTOUR MAP January 4, 2024

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 ° , -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	
Date 3/7/24	Reviewed By 24600	Filename 22196Q	



LEGEND

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- CONTAINMENT BERM
- FENCE LINE

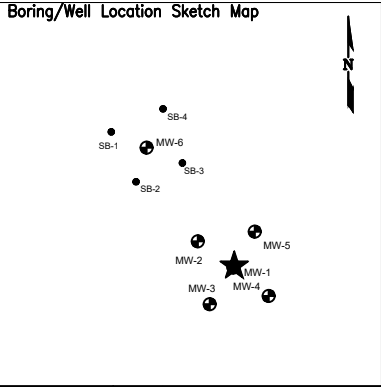
01/04/2024	DATE SAMPLED	01/04/2024	DATE SAMPLED
MW-1	SAMPLE ID	MW-2	SAMPLE ID
B	<1.0	TDS	931
T	<1.0	CL ⁻	162
E	<1.0	SO4 ⁻	419
X	<2.0		
N	<1.0		
124TMB	<1.0		
124TMB	<1.0		

Figure 10
GROUNDWATER CHEMISTRY MAP
January 4, 2024

NOBLE ENERGY, INC. ~ FRENZEL B 15-25
NWSW Sec.15, T5N, R64W, 6th PM
Weld County, Colorado
40.395921 ° , -104.540770°

Project No. C022-196	Facility # 05-123-24009	Drawn By 285641	REMONTE ENVIRONMENTAL
Date 3/7/24	Reviewed By 24600	Filename 22196Q	

BORING/WELL CONSTRUCTION LOG



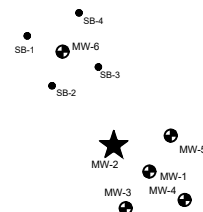
Page 1 of 1

Boring/Well No. MW-1		Total Depth 8'	Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado			
Project No./Name C022-196 Noble ~ Frenzel B 15-25			Approved By			
Drilling Contractor/Driller DrillPro						
Geologist/Office Aaron Otillar / Fremont Environmental, Inc.						
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 01/04/2024	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Casing Mtrl./Dia. PVC/1"	Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"			
Elevation of: (ft. above datum)		Ground Surface .	Top of Well Casing .	Top of Screen .	Bottom of Screen .	Ground Water Surface/Date Measured 2.15 01/04/2024

DEPTH (feet)	WELL CONSTRUCTION		LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
			GRAPHIC LOG	VISUAL DESCRIPTION				
5	<div><div>Bentonite</div><div>#10-20" Silica Sand</div><div>1" Screen</div></div>	<div><div>SC</div><div>SW</div></div>	<div>Sandy clay, medium plasticity, unsaturated</div> <div>- organic staining at 2'</div> <div>- saturated</div> <div>Sand, brown, coarse to medium grain size, saturated</div> <div>TD 8'</div>			80%		0.0
								0.2
								8.9
								0.3
								0.4
								2.1
								0.4
								0.9
10								
15								
20								



Boring/Well Location Sketch Map

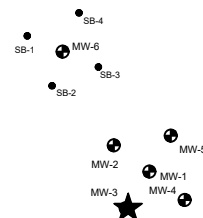


Boring/Well No. MW-2		Total Depth 8'		Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado					
Project No./Name C022-196 Noble ~ Frenzel B 15-25									
Drilling Contractor/Driller DrillPro									
Geologist/Office Aaron Otilar / Fremont Environmental, Inc.									
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 01/04/2024	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Casing Mtrl./Dia. PVC/1"		Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"					
Elevation of: (ft. above datum)		Ground Surface .		Top of Well Casing .		Top of Screen .		Bottom of Screen .	
						Ground Water Surface 2.31		Date Measured 01/04/2024	

DEPTH (feet)	WELL CONSTRUCTION		LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
			GRAPHIC LOG	VISUAL DESCRIPTION				
5	Bentonite		SC	Sandy clay, brown, medium plasticity, unsaturated		70%		0.9
								1.2
	#10-20 Silica Sand	1" Screen		6.7				
			1.3					
			1.4					
			4.3					
			1.7					
			0.9					
			0.7					
	8'							
10								
15								
20								



Boring/Well Location Sketch Map



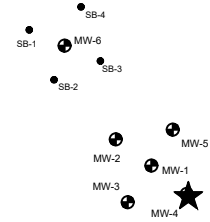
Boring/Well No. MW-3		Total Depth 8'		Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado						
Project No./Name C022-196 Noble ~ Frenzel B 15-25										
Drilling Contractor/Driller DrillPro										
Geologist/Office Aaron Otilar / Fremont Environmental, Inc.										
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 01/04/2024		
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Casing Mtrl./Dia. PVC/1"		Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"						
Elevation of: (ft. above datum)		Ground Surface .		Top of Well Casing .		Top of Screen .		Bottom of Screen .		
								Ground Water Surface/Date Measured 2.06 01/04/2024		

DEPTH (feet)	WELL CONSTRUCTION		LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
			GRAPHIC LOG	VISUAL DESCRIPTION				
5	Bentonite		SC	Sandy clay, brown, medium plasticity, unsaturated		70%		1.1
	#10-20 Silica Sand	1" Screen						1.9
			SW	Sand, saturated, brown, coarse to medium grain size				1.4
								1.0
								0.9
								1.3
								1.2
								1.0
10								
15								
20								



BORING/WELL CONSTRUCTION LOG

Boring/Well Location Sketch Map



Page 1 of 1

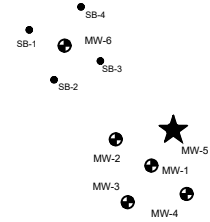
Boring/Well No. MW-4		Total Depth 8'	Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado		
Project No./Name C022-196 Noble ~ Frenzel B 15-25			Approved By		
Drilling Contractor/Driller DrillPro			Geologist/Office Aaron Otillar / Fremont Environmental, Inc.		
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 01/04/2024	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Mtrl./Dia. PVC/1"	Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"			
Elevation of: (ft. above datum)	Ground Surface .	Top of Well Casing .	Top of Screen .	Bottom of Screen .	Ground Water Surface/Date Measured 2.01 01/04/2024

DEPTH (feet)	WELL CONSTRUCTION		LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
			GRAPHIC LOG	VISUAL DESCRIPTION				
	Bentonite			Sandy clay, brown, medium plasticity, unsaturated				0.9
	#10-20" Silica Sand	1" Screen	SC			40%		1.7
								1.1
5			SW	Sand, saturated, brown, coarse to medium grain size		60%		1.0
								1.4
								1.4
								1.2
								1.1
10				TD 8'				
15								
20								



BORING/WELL CONSTRUCTION LOG

Boring/Well Location Sketch Map



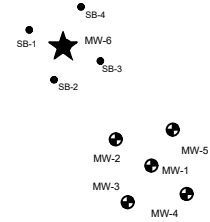
Page 1 of 1

Boring/Well No. MW-5		Total Depth 8'	Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado		
Project No./Name C022-196 Noble ~ Frenzel B 15-25			Approved By		
Drilling Contractor/Driller DrillPro					
Geologist/Office Aaron Otillar / Fremont Environmental, Inc.					
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 01/04/2024	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Mtrl./Dia. PVC/1"	Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"			
Elevation of: (ft. above datum)	Ground Surface .	Top of Well Casing .	Top of Screen .	Bottom of Screen .	Ground Water Surface/Date Measured 2.47 01/04/2024

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
	Bentonite						
	#10-20" Silica Sand	SC	Sandy clay, brown, medium plasticity, unsaturated		70%	0.7	
	1" Screen					1.3	
5		SW	Sand, saturated, brown, coarse to medium grain size		70%	0.9	
						0.8	
						0.9	
						1.4	
						1.3	
						0.9	
10							
15							
20							


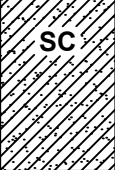


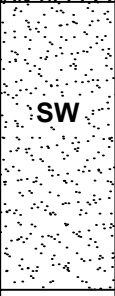
BORING/WELL CONSTRUCTION LOG

Boring/Well Location Sketch Map



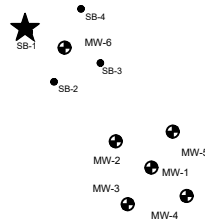
Page 1 of 1

Boring/Well No. MW-6		Total Depth 8'	Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado			
Project No./Name C022-196 Noble ~ Frenzel B 15-25			Approved By			
Drilling Contractor/Driller DrillPro						
Geologist/Office Aaron Otillar / Fremont Environmental, Inc.						
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 01/04/2024	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Casing Mtrl./Dia. PVC/1"	Screen: Type Slotted Mtrl. PVC Length 10' Dia. 2" Slot Size 0.010"			
Elevation of: (ft. above datum)		Ground Surface .	Top of Well Casing .	Top of Screen .	Bottom of Screen .	Ground Water Surface/Date Measured 2.42 01/04/2024

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
	Bentonite		 SC				0.2
	#10-20" Silica Sand				50%		4.9
	1" Screen						0.3
			Sand, brown, gravelly sand, coarse to medium grain size, saturated				0.4
5		 SW			80%		0.3
							3.8
							0.7
							0.8
			TD 8'				
10							
15							
20							



Boring/Well Location Sketch Map



Boring/Well No. SB-1		Total Depth 8'		Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado									
Project No./Name C022-196 Noble ~ Frenzel B 15-25													
Drilling Contractor/Driller DrillPro													
Geologist/Office Aaron Otilar / Fremont Environmental, Inc.													
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 01/04/2024					
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.		Screen: Type .		Mtrl. .		Length .		Dia. .		Slot Size .	
Elevation of: (ft. above datum)		Ground Surface		Top of Well Casing		Top of Screen		Bottom of Screen		Ground Water Surface/Date Measured			

[illegible]



Boring/Well No. SB-2		Total Depth 8'		Location Noble Energy Inc Frenzel B 15-25 NWSW Sec.15, T5N, R64W, 6th PM Weld County, Colorado					
Project No./Name C022-196 Noble ~ Frenzel B 15-25									
Drilling Contractor/Driller DrillPro									
Geologist/Office Aaron Otillar / Fremont Environmental, Inc.									
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 01/04/2024	
Well Installed?		Casing Mtrl./Dia.		Screen:					
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Type .		Mtrl. .		Length .	
				Dia. .				Slot Size .	
Elevation of:		Ground Surface		Top of Well		Casing		Top of Screen	
(ft. above datum)								Bottom of Screen	
								Ground Water Surface/Date Measured	

[illegible]

[illegible]

[illegible]

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 17, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

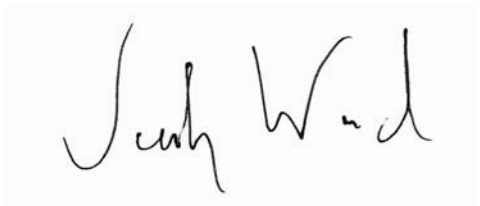
Wellington, CO 80549

RE: Chevron - Fresnel B15-25

Work Order #2401105

Enclosed are the results of analyses for samples received by Summit Scientific on 01/05/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1@3.5'	2401105-01	Soil	01/04/24 00:00	01/05/24 16:30
MW1@6'	2401105-02	Soil	01/04/24 00:00	01/05/24 16:30
MW2@3'	2401105-03	Soil	01/04/24 00:00	01/05/24 16:30
MW2@6'	2401105-04	Soil	01/04/24 00:00	01/05/24 16:30
MW3@2'	2401105-05	Soil	01/04/24 00:00	01/05/24 16:30
MW3@6'	2401105-06	Soil	01/04/24 00:00	01/05/24 16:30
MW4@2.5'	2401105-07	Soil	01/04/24 00:00	01/05/24 16:30
MW4@6'	2401105-08	Soil	01/04/24 00:00	01/05/24 16:30
MW5@2'	2401105-09	Soil	01/04/24 00:00	01/05/24 16:30
MW5@6'	2401105-10	Soil	01/04/24 00:00	01/05/24 16:30
MW6@2'	2401105-11	Soil	01/04/24 00:00	01/05/24 16:30
MW6@6'	2401105-12	Soil	01/04/24 00:00	01/05/24 16:30
SB1@2'	2401105-13	Soil	01/04/24 00:00	01/05/24 16:30
SB1@6'	2401105-14	Soil	01/04/24 00:00	01/05/24 16:30
SB2@2'	2401105-15	Soil	01/04/24 00:00	01/05/24 16:30
SB2@6'	2401105-16	Soil	01/04/24 00:00	01/05/24 16:30
SB3@2'	2401105-17	Soil	01/04/24 00:00	01/05/24 16:30
SB3@6'	2401105-18	Soil	01/04/24 00:00	01/05/24 16:30
SB4@2'	2401105-19	Soil	01/04/24 00:00	01/05/24 16:30
SB4@6'	2401105-20	Soil	01/04/24 00:00	01/05/24 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 2
2401105-1	

Send Data To:		Send Invoice To:
Client: Fremont Environmental	Project Manager: Paul Henehan	Company: <u>Chevron</u>
Address: 8305 6th Street	E-Mail: Fremont Distribution List	Project Name/Location: <u>Fresnel B15-25</u>
City/State/Zip: Wellington, CO, 80549		AFE#:
Phone: 603-477-6907	Project Name: <u>Fresnel B15-25</u>	PO/Billing Codes:
Sampler Name: Aaron Otillar	Project Number: <u>6022-196</u>	Contact: <u>Don Peterson</u>

				Preservative				Matrix				Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEXN - 915	TPH (C6-C36)	PAH	TMB's - 915	Metals (915-1)	SAR, EC, pH, Boron	TDS, Cl, SO4	
1	MW1 @ 3.5'	1/4/24		2			2			X			X	X	X	X	X	X		
2	MW1 @ 6'																			
3	MW2 @ 3'																			
4	MW2 @ 6'																			
5	MW3 @ 2'																			
6	MW3 @ 6'																			
7	MW4 @ 2.6'																			
8	MW4 @ 6'																			
9	MW5 @ 2'																			
10	MW6 @ 6'																			
11	MW6 @ 2'																			
12	MW6 @ 6'																			
13	SB1 @ 2'																			
14	SB1 @ 6'																			
15	SB2 @ 2'																			

Relinquished by: <u>[Signature]</u>	Date/Time: <u>1/5/24 1050</u>	Received by: <u>Summit North Office</u>	Date/Time: <u>1/5/24 1050</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>52</u>	Date/Time: <u>1524 1030</u>	Received by: <u>[Signature]</u>	Date/Time: <u>1524 1030</u>	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	X Field Turb.	
Temperature Upon Receipt: <u>10.00</u>	Corrected Temperature <u>8</u>	IR gun #: <u>1</u>	HNO3 lot #:			

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 2 of 2
240105-2	

Send Data To:		Send Invoice To:
Client: Fremont Environmental	Project Manager: Paul Henehan	Company: <u>Chevron</u>
Address: 8305 6th Street	E-Mail: Fremont Distribution List	Project Name/Location: <u>Fresnel B15-25</u>
City/State/Zip: Wellington, CO, 80549		AFE#:
Phone: 603-477-6907	Project Name: <u>Fresnel B15-25</u>	PO/Billing Codes:
Sampler Name: Aaron Otillar	Project Number: <u>6022-196</u>	Contact: <u>Don Peterson</u>

				Preservative				Matrix				Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEXN - 915	TPH (C6-C36)	PAH	TMB's - 915	Metals (915-1)	SAR, EC, pH, Boron	TDS, Cl, SO4	
1	SB206'	11/4/24		2			2			X			X	X	X	X	X	X		
2	SB302'	I		I			I			I			I	I	I	I	I			
3	SB306'	I		I			I			I			I	I	I	I	I			
4	SB402'	I		I			I			I			I	I	I	I	I			
5	SB406'	I		I			I			I			I	I	I	I	I			
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>[Signature]</u>	Date/Time: <u>11/5/24 1050</u>	Received by: <u>Summit North Office</u>	Date/Time: <u>11/5/24 1050</u>	TAT Business Days	Field DO	Notes:
Relinquished by: <u>52</u>	Date/Time: <u>11/24 1130</u>	Received by: <u>[Signature]</u>	Date/Time: <u>11/24 1130</u>	Same Day	Field EC	
				1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
				Standard	X Field Turb.	
Temperature Upon Receipt: <u>10.0</u>	Corrected Temperature: <u>8</u>	IR gun #: <u>1</u>	HNO3 lot #:			

S₂2/2
Sample Receipt Checklist

S2 Work Order# 2401105

Client: FremontClient Project ID: Fresnel BS-25Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Matrix (Check all that apply)

Air

☐

Soil/Solid

☐

Water

☐

Other

☐

Temp (°C)

10.6

Thermometer #

1

	Yes	No	N/A	Comments (If any)
If samples require cooling, is the temperature $< 6^{\circ}\text{C}$? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on 2 CE
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe^{2+}), Hexavalent Chromium (Cr^{6+} , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	no time stamps
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Samples 11 + 12 labeled MW 5506
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H_2SO_4 , NaOH, HNO_3 , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the $\text{pH} \leq 2$? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (If any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

AS
Custodian Printed Name1/5/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@3.5'
2401105-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	01/09/24	"	
Naphthalene	ND	0.0038	"	"	"	"	01/11/24	"	
Gasoline Range Hydrocarbons	24	5.0	"	10	"	"	01/09/24	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0386	96.4 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0417	104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0442	111 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	96	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	5.69	45.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@3.5'
2401105-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0217	65.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0249	74.6 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@3.5'
2401105-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	1.16	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	53.7	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	4.10	0.400	"	"	"	"	"	"
Lead	5.13	0.200	"	"	"	"	"	"
Nickel	3.10	0.400	"	"	"	"	"	"
Silver	0.0202	0.0200	"	"	"	"	"	"
Zinc	14.7	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	30.5	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	17.4	0.0500	"	"	"	"	"	"	
Sodium	62.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.25	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@3.5'
2401105-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.3		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.686	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.31		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@6'
2401105-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/09/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0394	98.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0415	104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0424	106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.93	55.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@6'
2401105-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0193	57.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0225	67.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@6'
2401105-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.337	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	6.40	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.858	0.400	"	"	"	"	"	"
Lead	0.978	0.200	"	"	"	"	"	"
Nickel	0.863	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.10	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	8.97	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	4.98	0.0500	"	"	"	"	"	"	
Sodium	14.3	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.950	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW1@6'
2401105-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	85.3			%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.160	0.0100		mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.01			pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@3'
2401105-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0381	95.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0433	108 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0454	113 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	5.35	42.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@3'
2401105-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0140	42.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0165	49.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@3'
2401105-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	1.83	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	105	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	4.84	0.400	"	"	"	"	"	"
Lead	6.91	0.200	"	"	"	"	"	"
Nickel	4.27	0.400	"	"	"	"	"	"
Silver	0.0322	0.0200	"	"	"	"	"	"
Zinc	20.2	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	45.1	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	27.9	0.0500	"	"	"	"	"	"	
Sodium	176	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	5.08	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@3'
2401105-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	84.5			%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	1.30	0.0100		mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.08			pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@6'
2401105-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0382	95.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0452	113 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0453	113 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.37	67.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@6'
2401105-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0142	42.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0177	53.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@6'
2401105-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.433	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	10.7	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.07	0.400	"	"	"	"	"	"
Lead	1.38	0.200	"	"	"	"	"	"
Nickel	0.969	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.80	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	11.3	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	5.42	0.0500	"	"	"	"	"	"	
Sodium	17.8	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.09	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW2@6'
2401105-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	86.8			%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.213	0.0100		mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.35			pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

Summit Scientific

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@2'
2401105-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0375	93.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0448	112 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0456	114 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.28	50.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@2'
2401105-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0164	49.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0158	47.3 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@2'
2401105-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	3.09	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	133	0.400	"	"	"	"	"	"
Cadmium	0.319	0.200	"	"	"	"	"	"
Copper	8.04	0.400	"	"	"	"	"	"
Lead	12.3	0.200	"	"	"	"	"	"
Nickel	5.70	0.400	"	"	"	"	"	"
Silver	0.0739	0.0200	"	"	"	"	"	"
Zinc	29.3	0.400	"	"	"	"	"	"
Selenium	0.292	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	16.5	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	17.2	0.0500	"	"	"	"	"	"	
Sodium	231	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	9.50	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@2'
2401105-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	84.4	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.37	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.53		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@6'
2401105-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0382	95.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0435	109 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0458	115 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.17	65.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@6'
2401105-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0134	40.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0199	59.7 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@6'
2401105-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.424	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	6.80	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.800	0.400	"	"	"	"	"	"
Lead	0.978	0.200	"	"	"	"	"	"
Nickel	0.669	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.69	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	14.9	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	7.75	0.0500	"	"	"	"	"	"	
Sodium	24.4	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.28	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW3@6'
2401105-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.2		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.276	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.16		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@2.5'
2401105-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0378	94.4 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0425	106 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0454	114 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.48	51.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@2.5'
2401105-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0150	45.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0150	45.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@2.5'
2401105-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	1.95	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	72.8	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	4.31	0.400	"	"	"	"	"	"
Lead	5.34	0.200	"	"	"	"	"	"
Nickel	3.66	0.400	"	"	"	"	"	"
Silver	0.0257	0.0200	"	"	"	"	"	"
Zinc	16.4	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	9.39	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	8.10	0.0500	"	"	"	"	"	"	
Sodium	108	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	6.24	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@2.5'
2401105-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	88.8		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.668	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.76		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@6'
2401105-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0388	97.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0392	98.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0398	99.5 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	7.06	56.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@6'
2401105-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0139	41.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0180	53.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@6'
2401105-08 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.543	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	10.2	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.35	0.400	"	"	"	"	"	"
Lead	1.31	0.200	"	"	"	"	"	"
Nickel	1.17	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	5.53	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	11.4	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	5.89	0.0500	"	"	"	"	"	"	
Sodium	15.2	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.911	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW4@6'
2401105-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	81.4		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.176	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.05		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@2'
2401105-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0369	92.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0372	93.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0427	107 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.44	51.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@2'
2401105-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0128	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0153	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	0.00665	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.00517	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	0.00582	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0193	57.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0194	58.2 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@2'
2401105-09 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	1.85	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	58.1	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	4.24	0.400	"	"	"	"	"	"
Lead	5.21	0.200	"	"	"	"	"	"
Nickel	4.04	0.400	"	"	"	"	"	"
Silver	0.0254	0.0200	"	"	"	"	"	"
Zinc	17.1	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	12.3	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	8.72	0.0500	"	"	"	"	"	"	
Sodium	78.3	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	4.17	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@2'
2401105-09 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.8		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.617	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.75		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@6'
2401105-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0394	98.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0383	95.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0413	103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.18	65.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@6'
2401105-10 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0150	45.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0158	47.4 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@6'
2401105-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.560	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	21.3	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	2.86	0.400	"	"	"	"	"	"
Lead	2.54	0.200	"	"	"	"	"	"
Nickel	1.98	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	10.6	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	11.9	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	7.10	0.0500	"	"	"	"	"	"	
Sodium	22.0	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.25	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW5@6'
2401105-10 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	87.0			%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.250	0.0100		mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.03			pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@2'
2401105-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0420	105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0374	93.6 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0446	112 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.15	49.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@2'
2401105-11 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0218	65.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0192	57.6 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@2'
2401105-11 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	2.45	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	104	0.400	"	"	"	"	"	"
Cadmium	0.256	0.200	"	"	"	"	"	"
Copper	7.14	0.400	"	"	"	"	"	"
Lead	10.5	0.200	"	"	"	"	"	"
Nickel	4.82	0.400	"	"	"	"	"	"
Silver	0.0728	0.0200	"	"	"	"	"	"
Zinc	25.1	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	13.3	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	15.6	0.0500	"	"	"	"	"	"	
Sodium	284	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	12.5	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@2'
2401105-11 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	86.3	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.66	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.45		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@6'
2401105-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0410	103 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0367	91.6 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0430	108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	9.33	74.6 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@6'
2401105-12 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0143	42.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0165	49.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@6'
2401105-12 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.435	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	6.87	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.06	0.400	"	"	"	"	"	"
Lead	1.22	0.200	"	"	"	"	"	"
Nickel	0.788	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.11	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	10.6	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	5.41	0.0500	"	"	"	"	"	"	
Sodium	17.1	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.07	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

MW6@6'
2401105-12 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	86.5			%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.212	0.0100		mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.40			pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@2'
2401105-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0423	106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0377	94.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0423	106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	5.84	46.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@2'
2401105-13 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/08/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0164	49.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0156	46.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@2'
2401105-13 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	2.44	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B	
Barium	86.8	0.400	"	"	"	"	"	"	
Cadmium	0.252	0.200	"	"	"	"	"	"	
Copper	9.23	0.400	"	"	"	"	"	"	
Lead	9.98	0.200	"	"	"	"	"	"	
Nickel	4.94	0.400	"	"	"	"	"	"	
Silver	0.0727	0.0200	"	"	"	"	"	"	
Zinc	33.5	0.400	"	"	"	"	"	"	
Selenium	0.323	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	74.9	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	79.3	0.0500	"	"	"	"	"	"	
Sodium	293	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	5.63	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@2'
2401105-13 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	86.4	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.43	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.33		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@6'
2401105-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0393	98.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0386	96.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0405	101 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.20	65.6 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Fremont Environmental
PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@6'
2401105-14 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0162	48.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0183	55.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@6'
2401105-14 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.472	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	12.3	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.10	0.400	"	"	"	"	"	"
Lead	1.33	0.200	"	"	"	"	"	"
Nickel	0.844	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.68	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	12.9	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	6.25	0.0500	"	"	"	"	"	"	
Sodium	21.0	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.20	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB1@6'
2401105-14 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.0		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.264	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.37		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@2'
2401105-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0462	116 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0396	98.9 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0367	91.7 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	9.86	78.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@2'
2401105-15 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0154	46.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0135	40.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@2'
2401105-15 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	3.88	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	116	0.400	"	"	"	"	"	"
Cadmium	0.291	0.200	"	"	"	"	"	"
Copper	7.95	0.400	"	"	"	"	"	"
Lead	11.4	0.200	"	"	"	"	"	"
Nickel	5.09	0.400	"	"	"	"	"	"
Silver	0.0817	0.0200	"	"	"	"	"	"
Zinc	27.2	0.400	"	"	"	"	"	"
Selenium	0.331	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	56.7	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	82.5	0.0500	"	"	"	"	"	"	
Sodium	471	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	9.34	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@2'
2401105-15 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	85.1	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	3.21	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.64		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@6'
2401105-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0405	101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0401	100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0411	103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.10	64.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@6'
2401105-16 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0204	61.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0203	61.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@6'
2401105-16 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.397	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	6.13	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.776	0.400	"	"	"	"	"	"
Lead	0.891	0.200	"	"	"	"	"	"
Nickel	0.680	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.05	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	14.7	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	7.13	0.0500	"	"	"	"	"	"	
Sodium	21.8	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.17	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB2@6'
2401105-16 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	82.9		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.263	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.22		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@2'
2401105-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0451	113 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0404	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0369	92.2 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	5.81	46.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@2'
2401105-17 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0241	72.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0203	60.8 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@2'
2401105-17 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	3.22	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B	
Barium	114	0.400	"	"	"	"	"	"	
Cadmium	0.317	0.200	"	"	"	"	"	"	
Copper	7.82	0.400	"	"	"	"	"	"	
Lead	12.3	0.200	"	"	"	"	"	"	
Nickel	5.30	0.400	"	"	"	"	"	"	
Silver	0.0713	0.0200	"	"	"	"	"	"	
Zinc	27.8	0.400	"	"	"	"	"	"	
Selenium	0.342	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	226	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	59.8	0.0500	"	"	"	"	"	"	
Sodium	194	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.97	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 01/04/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@2'
2401105-17 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	86.9	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.48	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.30		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@6'
2401105-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0428	107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0406	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0370	92.4 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	8.43	67.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@6'
2401105-18 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0164	49.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0186	55.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/16/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@6'
2401105-18 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.305	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	5.69	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.781	0.400	"	"	"	"	"	"
Lead	0.761	0.200	"	"	"	"	"	"
Nickel	0.433	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	2.50	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	9.45	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	5.03	0.0500	"	"	"	"	"	"	
Sodium	16.1	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.05	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB3@6'
2401105-18 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.2		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.184	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.18		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@2'
2401105-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0421	105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0412	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0398	99.5 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	5.52	44.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@2'
2401105-19 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0192	57.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0173	51.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/17/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@2'
2401105-19 (Soil)

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Total Metals by EPA 6020B

Arsenic	3.36	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	121	0.400	"	"	"	"	"	"
Cadmium	0.341	0.200	"	"	"	"	"	"
Copper	8.22	0.400	"	"	"	"	"	"
Lead	13.6	0.200	"	"	"	"	"	"
Nickel	5.45	0.400	"	"	"	"	"	"
Silver	0.0921	0.0200	"	"	"	"	"	"
Zinc	29.6	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	243	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	113	0.0500	"	"	"	"	"	"	
Sodium	274	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.64	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@2'
2401105-19 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	85.2	%	1	BHA0283	01/09/24	01/09/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	3.20	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.28		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@6'
2401105-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHA0259	01/08/24	01/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0388	97.1 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0415	104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0388	97.1 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHA0257	01/08/24	01/09/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	12.4	99.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Fremont Environmental
PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@6'
2401105-20 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHA0225	01/08/24	01/09/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0208	62.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0210	63.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHA0318	01/09/24	01/17/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@6'
2401105-20 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	0.439	0.200	mg/kg dry	1	BHA0286	01/09/24	01/13/24	EPA 6020B
Barium	7.12	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.928	0.400	"	"	"	"	"	"
Lead	0.989	0.200	"	"	"	"	"	"
Nickel	0.760	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.47	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHA0239	01/08/24	01/08/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	13.6	0.0500	mg/L dry	1	BHA0369	01/10/24	01/13/24	EPA 6020B	
Magnesium	6.45	0.0500	"	"	"	"	"	"	
Sodium	19.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.11	0.00100	units	1	BHA0545	01/15/24	01/15/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

SB4@6'
2401105-20 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.7		%	1	BHA0283	01/09/24	01/09/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.266	0.0100	mmhos/cm	1	BHA0427	01/11/24	01/12/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.54		pH Units	1	BHA0330	01/09/24	01/09/24	EPA 9045D	

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0259 - EPA 5030 Soil MS

Blank (BHA0259-BLK1)

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0384		"	0.0400		95.9	50-150			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0436		"	0.0400		109	50-150			

LCS (BHA0259-BS1)

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	0.116	0.0020	mg/kg	0.100		116	70-130			
Toluene	0.115	0.0050	"	0.100		115	70-130			
Ethylbenzene	0.101	0.0050	"	0.100		101	70-130			
m,p-Xylene	0.200	0.010	"	0.200		99.8	70-130			
o-Xylene	0.0983	0.0050	"	0.100		98.3	70-130			
1,2,4-Trimethylbenzene	0.0952	0.0050	"	0.100		95.2	70-130			
1,3,5-Trimethylbenzene	0.0955	0.0050	"	0.100		95.5	70-130			
Naphthalene	0.0825	0.0038	"	0.100		82.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.6	50-150			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0432		"	0.0400		108	50-150			

Matrix Spike (BHA0259-MS1)

Source: 2401105-01

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	0.102	0.0020	mg/kg	0.100	ND	102	70-130			
Toluene	0.0998	0.0050	"	0.100	ND	99.8	70-130			
Ethylbenzene	0.0792	0.0050	"	0.100	ND	79.2	70-130			
m,p-Xylene	0.147	0.010	"	0.200	ND	73.3	70-130			
o-Xylene	0.0716	0.0050	"	0.100	ND	71.6	70-130			
1,2,4-Trimethylbenzene	0.0540	0.0050	"	0.100	ND	54.0	70-130			QM-05
1,3,5-Trimethylbenzene	0.0661	0.0050	"	0.100	ND	66.1	70-130			QM-05
Naphthalene	0.0301	0.0038	"	0.100	ND	30.1	70-130			QM-05
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	50-150			
Surrogate: Toluene-d8	0.0410		"	0.0400		103	50-150			
Surrogate: 4-Bromofluorobenzene	0.0423		"	0.0400		106	50-150			

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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0259 - EPA 5030 Soil MS

Matrix Spike Dup (BHA0259-MSD1)	Source: 2401105-01			Prepared: 01/08/24 Analyzed: 01/09/24						
Benzene	0.112	0.0020	mg/kg	0.100	ND	112	70-130	8.88	30	
Toluene	0.107	0.0050	"	0.100	ND	107	70-130	6.60	30	
Ethylbenzene	0.0826	0.0050	"	0.100	ND	82.6	70-130	4.23	30	
m,p-Xylene	0.156	0.010	"	0.200	ND	77.8	70-130	5.98	30	
o-Xylene	0.0742	0.0050	"	0.100	ND	74.2	70-130	3.62	30	
1,2,4-Trimethylbenzene	0.0537	0.0050	"	0.100	ND	53.7	70-130	0.557	30	QM-05
1,3,5-Trimethylbenzene	0.0698	0.0050	"	0.100	ND	69.8	70-130	5.39	30	QM-05
Naphthalene	0.0232	0.0038	"	0.100	ND	23.2	70-130	25.9	30	QM-05
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.4	50-150			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	50-150			
Surrogate: 4-Bromofluorobenzene	0.0430		"	0.0400		107	50-150			

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Fremont Environmental
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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0257 - EPA 3550A

Blank (BHA0257-BLK1)

Prepared & Analyzed: 01/08/24

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-Terphenyl	11.0		"	12.5		87.7	30-150			

LCS (BHA0257-BS1)

Prepared & Analyzed: 01/08/24

C10-C28 (DRO)	532	50	mg/kg	500		106	70-130			
Surrogate: o-Terphenyl	9.96		"	12.5		79.7	30-150			

Matrix Spike (BHA0257-MS1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

C10-C28 (DRO)	589	50	mg/kg	500	96.4	98.6	70-130			
Surrogate: o-Terphenyl	7.38		"	12.5		59.0	30-150			

Matrix Spike Dup (BHA0257-MSD1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

C10-C28 (DRO)	522	50	mg/kg	500	96.4	85.1	70-130	12.1	20	
Surrogate: o-Terphenyl	9.45		"	12.5		75.6	30-150			

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

PAH by EPA Method 8270D SIM - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0225 - EPA 5030 Soil MS

Blank (BHA0225-BLK1)

Prepared & Analyzed: 01/08/24

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0239		"	0.0333		71.8	40-150			
Surrogate: Fluoranthene-d10	0.0239		"	0.0333		71.7	40-150			

LCS (BHA0225-BS1)

Prepared & Analyzed: 01/08/24

Acenaphthene	0.0309	0.00500	mg/kg	0.0333		92.7	31-137			
Anthracene	0.0315	0.00500	"	0.0333		94.6	30-120			
Benzo (a) anthracene	0.0233	0.00500	"	0.0333		70.0	30-120			
Benzo (a) pyrene	0.0251	0.00500	"	0.0333		75.4	30-120			
Benzo (b) fluoranthene	0.0247	0.00500	"	0.0333		74.2	30-120			
Benzo (k) fluoranthene	0.0313	0.00500	"	0.0333		94.0	30-120			
Chrysene	0.0326	0.00500	"	0.0333		97.7	30-120			
Dibenz (a,h) anthracene	0.0201	0.00500	"	0.0333		60.2	30-120			
Fluoranthene	0.0316	0.00500	"	0.0333		94.9	30-120			
Fluorene	0.0310	0.00500	"	0.0333		93.1	30-120			
Indeno (1,2,3-cd) pyrene	0.0220	0.00500	"	0.0333		66.0	30-120			
Pyrene	0.0341	0.00500	"	0.0333		102	35-142			
1-Methylnaphthalene	0.0356	0.00500	"	0.0333		107	35-142			
2-Methylnaphthalene	0.0323	0.00500	"	0.0333		96.9	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0351		"	0.0333		105	40-150			
Surrogate: Fluoranthene-d10	0.0321		"	0.0333		96.2	40-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0225 - EPA 5030 Soil MS

Matrix Spike (BHA0225-MS1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

Acenaphthene	0.0188	0.00500	mg/kg	0.0333	ND	56.5	31-137			
Anthracene	0.0186	0.00500	"	0.0333	ND	55.8	30-120			
Benzo (a) anthracene	0.0154	0.00500	"	0.0333	ND	46.2	30-120			
Benzo (a) pyrene	0.0172	0.00500	"	0.0333	ND	51.5	30-120			
Benzo (b) fluoranthene	0.0154	0.00500	"	0.0333	ND	46.1	30-120			
Benzo (k) fluoranthene	0.0190	0.00500	"	0.0333	ND	57.0	30-120			
Chrysene	0.0194	0.00500	"	0.0333	ND	58.3	30-120			
Dibenz (a,h) anthracene	0.0135	0.00500	"	0.0333	ND	40.6	30-120			
Fluoranthene	0.0196	0.00500	"	0.0333	ND	58.9	30-120			
Fluorene	0.0196	0.00500	"	0.0333	ND	58.7	30-120			
Indeno (1,2,3-cd) pyrene	0.0146	0.00500	"	0.0333	ND	43.8	30-120			
Pyrene	0.0224	0.00500	"	0.0333	ND	67.2	35-142			
1-Methylnaphthalene	0.0193	0.00500	"	0.0333	ND	57.9	15-130			
2-Methylnaphthalene	0.0153	0.00500	"	0.0333	ND	46.0	15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0200		"	0.0333		60.1	40-150			
Surrogate: Fluoranthene-d10	0.0203		"	0.0333		60.8	40-150			

Matrix Spike Dup (BHA0225-MSD1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

Acenaphthene	0.0152	0.00500	mg/kg	0.0333	ND	45.6	31-137	21.3	30	
Anthracene	0.0151	0.00500	"	0.0333	ND	45.3	30-120	20.9	30	
Benzo (a) anthracene	0.0182	0.00500	"	0.0333	ND	54.5	30-120	16.5	30	
Benzo (a) pyrene	0.0156	0.00500	"	0.0333	ND	46.7	30-120	9.89	30	
Benzo (b) fluoranthene	0.0147	0.00500	"	0.0333	ND	44.1	30-120	4.33	30	
Benzo (k) fluoranthene	0.0149	0.00500	"	0.0333	ND	44.7	30-120	24.1	30	
Chrysene	0.0155	0.00500	"	0.0333	ND	46.4	30-120	22.9	30	
Dibenz (a,h) anthracene	0.0138	0.00500	"	0.0333	ND	41.5	30-120	2.18	30	
Fluoranthene	0.0140	0.00500	"	0.0333	ND	42.1	30-120	33.3	30	QR-02
Fluorene	0.0136	0.00500	"	0.0333	ND	40.7	30-120	36.3	30	QR-02
Indeno (1,2,3-cd) pyrene	0.0135	0.00500	"	0.0333	ND	40.6	30-120	7.59	30	
Pyrene	0.0138	0.00500	"	0.0333	ND	41.5	35-142	47.2	30	QR-02
1-Methylnaphthalene	0.0143	0.00500	"	0.0333	ND	42.9	15-130	29.8	50	
2-Methylnaphthalene	0.0168	0.00500	"	0.0333	ND	50.4	15-130	9.27	50	
Surrogate: 2-Methylnaphthalene-d10	0.0148		"	0.0333		44.5	40-150			
Surrogate: Fluoranthene-d10	0.0140		"	0.0333		41.9	40-150			

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0318 - EPA 3050B

Blank (BHA0318-BLK1)

Prepared: 01/09/24 Analyzed: 01/16/24

Boron ND 2.00 mg/L

LCS (BHA0318-BS1)

Prepared: 01/09/24 Analyzed: 01/16/24

Boron 5.29 2.00 mg/L 5.00 106 80-120

Duplicate (BHA0318-DUP1)

Source: 2401105-01

Prepared: 01/09/24 Analyzed: 01/16/24

Boron 0.466 2.00 mg/L 0.339 31.5 20 QR-01

Matrix Spike (BHA0318-MS1)

Source: 2401105-01

Prepared: 01/09/24 Analyzed: 01/16/24

Boron 8.33 2.00 mg/L 5.00 0.339 160 75-125 QM-07

Matrix Spike Dup (BHA0318-MSD1)

Source: 2401105-01

Prepared: 01/09/24 Analyzed: 01/16/24

Boron 5.42 2.00 mg/L 5.00 0.339 102 75-125 42.3 25 QM-07

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0286 - EPA 3050B

Blank (BHA0286-BLK1)

Prepared: 01/09/24 Analyzed: 01/13/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Copper	ND	0.400	"
Lead	ND	0.200	"
Nickel	ND	0.400	"
Silver	ND	0.0200	"
Zinc	ND	0.400	"
Selenium	ND	0.260	"

LCS (BHA0286-BS1)

Prepared: 01/09/24 Analyzed: 01/13/24

Arsenic	36.7	0.200	mg/kg wet	40.0	91.7	80-120
Barium	38.7	0.400	"	40.0	96.6	80-120
Cadmium	1.90	0.200	"	2.00	95.0	80-120
Copper	43.0	0.400	"	40.0	107	80-120
Lead	18.8	0.200	"	20.0	93.8	80-120
Nickel	42.2	0.400	"	40.0	106	80-120
Silver	1.91	0.0200	"	2.00	95.5	80-120
Zinc	42.9	0.400	"	40.0	107	80-120
Selenium	4.02	0.260	"	4.00	101	80-120

Duplicate (BHA0286-DUP1)

Source: 2401105-01

Prepared: 01/09/24 Analyzed: 01/13/24

Arsenic	1.23	0.200	mg/kg dry	1.16	6.30	20	
Barium	71.4	0.400	"	53.7	28.4	20	QR-04
Cadmium	0.136	0.200	"	0.111	19.9	20	
Copper	4.73	0.400	"	4.10	14.3	20	
Lead	5.60	0.200	"	5.13	8.70	20	
Nickel	3.65	0.400	"	3.10	16.2	20	
Silver	0.0251	0.0200	"	0.0202	21.8	20	QR-01
Zinc	17.6	0.400	"	14.7	18.0	20	
Selenium	ND	0.260	"	ND		20	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0286 - EPA 3050B

Matrix Spike (BHA0286-MS1)		Source: 2401105-01			Prepared: 01/09/24 Analyzed: 01/13/24					
Arsenic	41.5	0.200	mg/kg dry	44.8	1.16	90.2	75-125			
Barium	99.2	0.400	"	44.8	53.7	102	75-125			
Cadmium	2.28	0.200	"	2.24	0.111	96.8	75-125			
Copper	38.3	0.400	"	44.8	4.10	76.4	75-125			
Lead	25.7	0.200	"	22.4	5.13	92.1	75-125			
Nickel	36.7	0.400	"	44.8	3.10	75.1	75-125			
Silver	2.19	0.0200	"	2.24	0.0202	97.0	75-125			
Zinc	49.6	0.400	"	44.8	14.7	78.1	75-125			
Selenium	3.80	0.260	"	4.48	ND	85.0	75-125			

Matrix Spike Dup (BHA0286-MSD1)		Source: 2401105-01			Prepared: 01/09/24 Analyzed: 01/13/24					
Arsenic	41.7	0.200	mg/kg dry	44.8	1.16	90.6	75-125	0.416	25	
Barium	99.6	0.400	"	44.8	53.7	103	75-125	0.389	25	
Cadmium	2.32	0.200	"	2.24	0.111	98.6	75-125	1.75	25	
Copper	38.7	0.400	"	44.8	4.10	77.3	75-125	1.09	25	
Lead	25.9	0.200	"	22.4	5.13	92.8	75-125	0.650	25	
Nickel	37.0	0.400	"	44.8	3.10	75.6	75-125	0.617	25	
Silver	2.20	0.0200	"	2.24	0.0202	97.4	75-125	0.347	25	
Zinc	50.0	0.400	"	44.8	14.7	78.8	75-125	0.656	25	
Selenium	3.72	0.260	"	4.48	ND	83.1	75-125	2.20	25	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0239 - 3060A Mod

Blank (BHA0239-BLK1)

Prepared & Analyzed: 01/08/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHA0239-BS1)

Prepared & Analyzed: 01/08/24

Chromium, Hexavalent 27.0 0.30 mg/kg wet 25.0 108 80-120

Duplicate (BHA0239-DUP1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHA0239-MS1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

Chromium, Hexavalent 28.6 0.30 mg/kg dry 28.0 ND 102 75-125

Matrix Spike Dup (BHA0239-MSD1)

Source: 2401105-01

Prepared & Analyzed: 01/08/24

Chromium, Hexavalent 28.3 0.30 mg/kg dry 28.0 ND 101 75-125 1.18 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0369 - General Preparation

Blank (BHA0369-BLK1)

Prepared: 01/10/24 Analyzed: 01/13/24

Calcium	ND	0.0500	mg/L wet
Magnesium	ND	0.0500	"
Sodium	ND	0.0500	"

LCS (BHA0369-BS1)

Prepared: 01/10/24 Analyzed: 01/13/24

Calcium	5.39	0.0500	mg/L wet	5.00	108	70-130
Magnesium	5.20	0.0500	"	5.00	104	70-130
Sodium	5.07	0.0500	"	5.00	101	70-130

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0283 - General Preparation

Duplicate (BHA0283-DUP1)

Source: 2401102-01

Prepared & Analyzed: 01/09/24

% Solids	87.5	%	87.4	0.0600	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0427 - General Preparation

Blank (BHA0427-BLK1)

Prepared: 01/11/24 Analyzed: 01/12/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHA0427-BS1)

Prepared: 01/11/24 Analyzed: 01/12/24

Specific Conductance (EC) 0.152 0.0100 mmhos/cm 0.150 101 95-105

Duplicate (BHA0427-DUP1)

Source: 2401105-01

Prepared: 01/11/24 Analyzed: 01/12/24

Specific Conductance (EC) 0.678 0.0100 mmhos/cm 0.686 1.17 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0330 - General Preparation

LCS (BHA0330-BS1)

Prepared & Analyzed: 01/09/24

pH	9.20	pH Units	9.18	100	95-105
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Duplicate (BHA0330-DUP1)

Source: 2401105-01

Prepared & Analyzed: 01/09/24

pH	8.22	pH Units	8.31	1.09	20
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Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/17/24 09:13

Notes and Definitions

QR-04	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 15, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

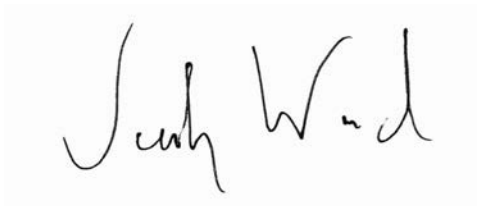
Wellington, CO 80549

RE: Chevron - Fresnel B15-25

Work Order #2401104

Enclosed are the results of analyses for samples received by Summit Scientific on 01/05/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	2401104-01	Water	01/04/24 00:00	01/05/24 16:30
MW2	2401104-02	Water	01/04/24 00:00	01/05/24 16:30
MW3	2401104-03	Water	01/04/24 00:00	01/05/24 16:30
MW4	2401104-04	Water	01/04/24 00:00	01/05/24 16:30
MW5	2401104-05	Water	01/04/24 00:00	01/05/24 16:30
MW6	2401104-06	Water	01/04/24 00:00	01/05/24 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2401104	

		Send Data To:	Send Invoice To:
Client: Fremont Environmental		Project Manager: Paul Henehan	Company: <u>Chevron</u>
Address: 8305 6th Street		E-Mail: Fremont Distribution List	Project Name/Location: <u>Fresnel B15-25</u>
City/State/Zip: Wellington, CO, 80549			AFE#:
Phone: 603-477-6907		Project Name: <u>Fresnel B15-25</u>	PO/Billing Codes:
Sampler Name: Aaron Otilar		Project Number: <u>C022-196</u>	Contact: <u>Dan Peterson</u>

				Preservative				Matrix				Analysis Requested						Special Instructions		
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other _____	Water	Soil	Air-Canister #	Other _____	BTEXN - 915	TPH (C6-C36)	PAH	TMB's - 915	Metals (915-1)	SAR, EC, pH, Boron	TDS, Cl, SO4	
1	MW1	11/4/23		4	3		1		X				X			X			X	
2	MW2																			
3	MW3																			
4	MW4																			
5	MW5																			
6	MW6																			
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>Aaron Otilar</u>	Date/Time: <u>11/5/24 1050</u>	Received by: <u>Summit North Lab</u>	Date/Time: <u>11/5/24 1050</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>SL</u>	Date/Time: <u>11/5/24 1450</u>	Received by: <u>D. Jett</u>	Date/Time: <u>11/5/24 1630</u>	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>10.6</u>	Corrected Temperature: <u>10.6</u>	IR gun #:		HNO3 lot #:		

S₂

Sample Receipt Checklist

S2 Work Order# 2401104Client: FremontClient Project ID: Fresnel B15-25Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Matrix (Check all that apply) Air ☐ Soil/Solid ☐ Water ☒ Other ☐Temp (°C) 10.6Thermometer # 1

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature $< 6^{\circ}\text{C}$? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	all ICE
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe^{2+}), Hexavalent Chromium (Cr^{6+} , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no time stamps
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H_2SO_4 , NaOH, HNO_3 , etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HCl
If samples are acid preserved for metals, is the $\text{pH} \leq 2$? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.
AS
Custodian Printed Name

1/5/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW1
2401104-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	10.7	80.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.4	108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	15.4	116 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chloride	162	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	419	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Total Dissolved Solids	931	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW2
2401104-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	10.4	78.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.3	107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	15.4	116 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	154	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	374	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	923	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
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Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW3
2401104-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	10.5	79.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.5	109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	15.4	115 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	152	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	371	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	899	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW4
2401104-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	10.1	75.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.2	106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	15.0	112 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	142	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	338	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	861	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW5
2401104-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	11.3	85.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	15.1	113 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	16.5	124 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	210	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	509	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	1160	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

MW6
2401104-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BHA0233	01/08/24	01/10/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	9.67	72.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	16.3	123 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	15.0	112 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	179	12.0	mg/L	200	BHA0251	01/08/24	01/08/24	EPA 300.0	
Sulfate	493	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **01/04/24 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	1080	10.0	mg/L	1	BHA0276	01/08/24	01/08/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0233 - EPA 5030 Water MS

Blank (BHA0233-BLK1)

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		104	23-173			
Surrogate: Toluene-d8	11.0		"	13.3		82.9	20-170			
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3		108	21-167			

LCS (BHA0233-BS1)

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	54.9	1.0	ug/l	50.0		110	51-132			
Toluene	47.2	1.0	"	50.0		94.5	51-138			
Ethylbenzene	60.0	1.0	"	50.0		120	58-146			
m,p-Xylene	117	2.0	"	100		117	57-144			
o-Xylene	59.5	1.0	"	50.0		119	53-146			
Naphthalene	73.2	1.0	"	50.0		146	70-130			QLCS-02
1,2,4-Trimethylbenzene	54.1	1.0	"	50.0		108	70-130			
1,3,5-Trimethylbenzene	56.0	1.0	"	50.0		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.6		"	13.3		94.5	23-173			
Surrogate: Toluene-d8	10.8		"	13.3		81.2	20-170			
Surrogate: 4-Bromofluorobenzene	14.1		"	13.3		105	21-167			

Matrix Spike (BHA0233-MS1)

Source: 2401010-01

Prepared: 01/08/24 Analyzed: 01/09/24

Benzene	58.1	1.0	ug/l	50.0	ND	116	34-141			
Toluene	52.9	1.0	"	50.0	ND	106	27-151			
Ethylbenzene	63.4	1.0	"	50.0	ND	127	29-160			
m,p-Xylene	124	2.0	"	100	ND	124	20-166			
o-Xylene	63.3	1.0	"	50.0	ND	127	33-159			
Naphthalene	83.6	1.0	"	50.0	ND	167	70-130			QM-07
1,2,4-Trimethylbenzene	57.7	1.0	"	50.0	ND	115	70-130			
1,3,5-Trimethylbenzene	59.8	1.0	"	50.0	ND	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3		98.0	23-173			
Surrogate: Toluene-d8	11.5		"	13.3		86.2	20-170			
Surrogate: 4-Bromofluorobenzene	14.2		"	13.3		106	21-167			

Summit Scientific

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Wellington CO, 80549

Project: Chevron - Fresnel B15-25
Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0233 - EPA 5030 Water MS

Matrix Spike Dup (BHA0233-MSD1)		Source: 2401010-01			Prepared: 01/08/24 Analyzed: 01/09/24					
Benzene	54.4	1.0	ug/l	50.0	ND	109	34-141	6.61	30	
Toluene	45.4	1.0	"	50.0	ND	90.7	27-151	15.4	30	
Ethylbenzene	58.4	1.0	"	50.0	ND	117	29-160	8.09	30	
m,p-Xylene	114	2.0	"	100	ND	114	20-166	8.88	30	
o-Xylene	57.6	1.0	"	50.0	ND	115	33-159	9.30	30	
Naphthalene	76.1	1.0	"	50.0	ND	152	70-130	9.45	30	QM-07
1,2,4-Trimethylbenzene	53.6	1.0	"	50.0	ND	107	70-130	7.34	30	
1,3,5-Trimethylbenzene	54.5	1.0	"	50.0	ND	109	70-130	9.34	30	
Surrogate: 1,2-Dichloroethane-d4		13.5	"	13.3		101	23-173			
Surrogate: Toluene-d8		10.6	"	13.3		79.8	20-170			
Surrogate: 4-Bromofluorobenzene		14.0	"	13.3		105	21-167			

Summit Scientific

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

Anions by EPA Method 300.0 - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0251 - General Preparation

Blank (BHA0251-BLK1)

Prepared & Analyzed: 01/08/24

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

LCS (BHA0251-BS1)

Prepared & Analyzed: 01/08/24

Chloride	2.88	0.0600	mg/L	3.00	95.9	90-110
Sulfate	14.4	0.300	"	15.0	95.9	90-110

Duplicate (BHA0251-DUP1)

Source: 2312562-04

Prepared & Analyzed: 01/08/24

Chloride	80.8	12.0	mg/L	70.8	13.2	20
Sulfate	1040	60.0	"	1040	0.672	20

Matrix Spike (BHA0251-MS1)

Source: 2312562-04

Prepared & Analyzed: 01/08/24

Chloride	651	12.0	mg/L	600	70.8	96.7	80-120
Sulfate	3990	60.0	"	3000	1040	98.3	80-120

Summit Scientific

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Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BHA0276 - General Preparation

Blank (BHA0276-BLK1)

Prepared & Analyzed: 01/08/24

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BHA0276-DUP1)

Source: 2401047-02

Prepared & Analyzed: 01/08/24

Total Dissolved Solids 998 10.0 mg/L 939 6.04 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - Fresnel B15-25

Project Number: C022-196
Project Manager: Paul Henchan

Reported:
01/15/24 08:54

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QLCS-02	The spike recovery was outside acceptance limits for this analyte indicating a potential high bias.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

APPENDIX

SAMPLING METHODS AND PROCEDURES

Water Level Measurements

All groundwater level measurements will be obtained using an electric measuring device, which indicates when a probe is in contact with groundwater. Measurements will be obtained by lowering the device into the well until the water surface had been encountered, and by measuring the distance from the top of the inside riser pipe to the probe. All the measurements will be recorded to the nearest 0.01 ft. To minimize cross-contamination, the water level indicator will be decontaminated with isopropyl alcohol and distilled water between each well.

Monitoring Well Sampling

All monitoring wells were sampled from the “cleanest” to the “most contaminated” according to the protocols listed below.

Field Protocol

- | | |
|--------|--|
| Step 1 | Measure water level in each well. |
| Step 2 | Purge each monitoring well by evacuating a minimum of three well bore volumes using a disposable polyethylene bailer. |
| Step 3 | Collect water samples using a disposable polyethylene bailer. |
| Step 4 | Cool samples to approximately 4°C for transportation. |
| Step 5 | Store water samples and transport to a specific laboratory, following all documentation and chain-of-custody procedures. |

Upon completion of groundwater sampling, a chain-of-custody log will be completed. Chain-of-custody records include the following information: project, project number, shipped by, shipped to, suspected hazard, sampling point, location, field identification number, date collected, sample type, number of containers, analysis required, and sampler's signature.

The chain-of-custody records will be shipped with the samples to the laboratory. Upon arrival at the laboratory the samples will be checked in and signed by the appropriate laboratory personnel. Laboratory identification numbers will be noted on the chain-of-custody record. Upon completion of the laboratory analysis, the completed chain-of-custody record will be returned to the project manager.

Analytical Methods

The following list identifies the various chemical constituents and analytical methods which will be used for their quantification.

<u>Chemical Parameter</u>	<u>Method</u>
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	EPA Method – 8260B
1,2,4- and 1,3,5-Trimethylbenzene and Naphthalene	EPA Method – 8260B
Chloride and Sulfate Anions	EPA Method – 300.0
Total Dissolved Solids (TDS)	Standard Method 2540C