

April 8, 2024

Noble Energy, Inc – Trebor B 12-05,19

Site Investigation Update

SWNW Sec 12, T5N, R64W

40.416586, -104.505977

Weld County, Colorado

Fremont Project No. C023-120

Facility # 447346, Remediation # 28078

Site Overview – Site History

The site consists of the former Trebor T5N-R64W-S12 L04 facility which serviced the Trebor B 12-05 and Trebor B 12-19 natural gas wells. The Trebor B 12-05 natural gas well was drilled in 1988 to a measured depth of approximately 6,921 feet and the Trebor B 12-19 natural gas well was drilled in 2007 to a measured depth of approximately 6,880 feet.

A historical release was discovered at the base of a former on-site produced water vault during decommissioning activities on April 26, 2023. A comprehensive site investigation was undertaken to define the magnitude and extent of soil impacts on February 13, 2024.

Conceptual Site Model*

*Data presented represents the most recent sampling event

- **Land Use** – Rangeland
- **Lithology (USCS)** – SW (Grains become coarser with depth)
- **Potential Receptors within ¼ mile** – Emergent Wetlands, Riverine Wetlands (Crow Creek & North Fork Ogilvy Ditch), Farm and Residential Structures
- **Groundwater Encountered** – Yes
- **Estimated Depth to Groundwater** – Ten to eleven feet
- **Impacted Media and Excavation Extent** – 45'x68'x11' deep
- **Volume of Impacts Removed** – N/A
- **Waste Type** – Hydrocarbon impacted soil

Contaminants of Concern (COC)

The laboratory data indicate organic soil constituents did not achieve the ECMC Table 915-1 standards in 13 of the 23 soil samples collected during the February 13, 2024 supplemental site investigation conducted at and adjacent to the former produced water vault. Additionally, one groundwater sample analyzed for dissolved phase organic groundwater constituents achieved Table 915-1 standards. The soil analytical data are summarized in Tables 1-4, and the groundwater data are summarized in Table 5. A copy of the laboratory's report, quality control data, and chain-of-custody documentation is attached.

Remedial Actions

Excavation will be conducted to remove impacts within the vadose zone. Remedial options will be evaluated to address dissolved phase groundwater impacts and soil impacts within the saturated zone. Air sparge (AS) and/or soil vapor extraction (SVE) systems may be installed post excavation.

Discussion

A comprehensive site investigation was undertaken to define the magnitude and extent of soil impacts on February 13, 2024. Soil collected during the February 2024 site investigation, exceeding the ECMC Table 915-1 screening levels was observed in seven of the eleven soil borings. A 45'x68'x11' deep excavation extent is proposed to remediate soil impacts in the vadose zone at the site. The soil data are illustrated and summarized in the attached tables and figures. Additionally, one well (MW-1) was installed in the apparent source location of the spill. Groundwater collected and analyzed for dissolved phase organic constituents achieved all Table 915-1 standards. Soil impacts will be removed via excavation and additional remedial actions will be evaluated and may include but are not limited to the installation of an AS/SVE system post excavation.

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.**



4/8/24

Date _____

Jeff T. Griggs

Geologist

Reviewed by:



Ethan Black
for PVH

4/8/24

Date _____

Paul V. Henehan, P.E.

Senior Consultant

Attachments:

Tables

Figures

Boring Logs

Laboratory Report

TABLE 1
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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**		
SB-1 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	0.11	<0.010	<0.0050	<0.0050	0.046	17	1000	280
SB-1 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	56	730	240
SB-1 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<50
SB-2 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	230	86
SB-2 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	75	780	180
SB-3 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-3 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-4 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	76	1500	390
SB-4 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	0.0051	<0.010	<0.0050	<0.0050	<0.0038	180	940	280
SB-5 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-5 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
MW-1 (8.0')	2/13/2024	8.0 Ft	0.019	0.0057	8.0	<0.010	<0.0050	<0.0050	5.0	4100	11000	1700
MW-1 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	0.013	19	680	160
SB-7 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-7 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-8 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	190	1400	370
SB-8 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	78	1100	330
SB-9 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	70	1800	380
SB-9 (11.0')	2/13/2024	11.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	100	770	280
SB-10 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-10 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	41	560	180
SB-11 (10.0')	2/13/2024	10.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50
SB-11 (12.0')	2/13/2024	12.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	2.2	280	110

Bold faced values exceed the ECMC Table 915-1 con 915-1 concentrations Ft

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.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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
SB-1 (10.0')	2/13/2024	10.0 Ft	0.0397	<0.00500	0.0229	<0.00500	<0.00500	<0.00500	0.0180	<0.00500	0.0162	0.161	<0.00500	0.0280	0.299	0.435
SB-1 (11.0)	2/13/2024	11.0 Ft	<0.00500	0.0641	0.0301	<0.00500	<0.00500	<0.00500	0.0281	<0.00500	0.0205	<0.00500	<0.00500	0.0349	<0.00500	<0.00500
SB-1 (12.0')	2/13/2024	12.0 Ft	<0.00500	<0.00500	0.0187	<0.00500	<0.00500	<0.00500	0.0129	<0.00500	0.0101	<0.00500	<0.00500	0.0186	<0.00500	<0.00500
SB-2 (10.0')	2/13/2024	10.0 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
SB-2 (12.0')	2/13/2024	12.0 Ft	<0.00500	<0.00500	0.0196	<0.00500	<0.00500	<0.00500	0.00946	<0.00500	0.00904	<0.00500	<0.00500	0.0140	<0.00500	<0.00500
SB-3 (10.0')	2/13/2024	10.0 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
SB-3 (12.0')	2/13/2024	12.0 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
SB-4 (10.0')	2/13/2024	10.0 Ft	<0.00500	<0.00500	0.0281	<0.00500	<0.00500	<0.00500	0.0163	<0.00500	0.0140	<0.00500	<0.00500	0.0214	<0.00500	<0.00500
SB-4 (11.0')	2/13/2024	11.0 Ft	<0.00500	<0.00500	0.0165	<0.00500	<0.00500	<0.00500	0.0136	<0.00500	0.0125	<0.00500	<0.00500	0.0225	<0.00500	<0.00500
SB-5 (10.0')	2/13/2024	10.0 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
SB-5 (12.0')	2/13/2024	12.0 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
MW-1 (8.0')	2/13/2024	8.0 Ft	0.138	<0.00500	0.140	<0.00500	<0.00500	<0.00500	0.164	<0.00500	0.162	1.51	<0.00500	<0.00500	26.5	23.0
MW-1 (11.0')	2/13/2024	11.0 Ft	<0.00500	<0.00500	0.0365	<0.00500	<0.00500	<0.00500	0.0417	<0.00500	0.0330	<0.00500	<0.00500	<0.00500	0.0682	0.107
SB-7 (10.0')	2/13/2024	10.0 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
SB-7 (11.0')	2/13/2024	11.0 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
SB-8 (10.0')	2/13/2024	10.0 Ft	<0.00500	<0.00500	0.0146	<0.00500	<0.00500	<0.00500	0.0126	<0.00500	0.0109	0.0758	<0.00500	0.0220	<0.00500	<0.00500
SB-8 (11.0')	2/13/2024	11.0 Ft	<0.00500	<0.00500	0.0233	<0.00500	<0.00500	<0.00500	0.0144	<0.00500	0.0110	<0.00500	<0.00500	0.0207	<0.00500	<0.00500
SB-9 (10.0')	2/13/2024	10.0 Ft	<0.00500	<0.00500	0.0521	<0.00500	<0.00500	<0.00500	0.0357	<0.00500	0.0296	0.314	<0.00500	0.0463	<0.00500	<0.00500
SB-9 (11.0')	2/13/2024	11.0 Ft	<0.00500	<0.00500	0.0275	<0.00500	<0.00500	<0.00500	0.0153	<0.00500	0.0117	<0.00500	<0.00500	0.0221	<0.00500	<0.00500
SB-10 (10.0')	2/13/2024	10.0 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
SB-10 (12.0')	2/13/2024	12.0 Ft	<0.00500	<0.00500	0.0432	<0.00500	<0.00500	<0.00500	0.0255	<0.00500	0.0123	<0.00500	<0.00500	0.0243	<0.00500	<0.00500
SB-11 (10.0')	2/13/2024	10.0 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
SB-11 (12.0')	2/13/2024	12.0 Ft	<0.00500	<0.00500	0.0107	<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.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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)			9.35	-	-	-
SB-1 (10.0')	2/13/2024	10.0 Ft	7.73	0.435	1.94	<2.00
SB-1 (11.0)	2/13/2024	11.0 Ft	7.97	0.376	0.696	<2.00
SB-1 (12.0')	2/13/2024	12.0 Ft	8.25	0.421	1.32	<2.00
SB-2 (10.0')	2/13/2024	10.0 Ft	5.51	2.87	0.253	<2.00
SB-2 (12.0')	2/13/2024	12.0 Ft	8.11	0.549	0.988	<2.00
SB-3 (10.0')	2/13/2024	10.0 Ft	8.96	0.183	0.612	<2.00
SB-3 (12.0')	2/13/2024	12.0 Ft	8.49	0.245	1.03	<2.00
SB-4 (10.0')	2/13/2024	10.0 Ft	7.74	0.631	0.585	<2.00
SB-4 (11.0')	2/13/2024	11.0 Ft	8.07	0.498	1.15	<2.00
SB-5 (10.0')	2/13/2024	10.0 Ft	8.09	0.201	0.875	<2.00
SB-5 (12.0')	2/13/2024	12.0 Ft	8.44	0.237	0.806	<2.00
MW-1 (8.0')	2/13/2024	8.0 Ft	8.20	0.272	0.574	<2.00
MW-1 (11.0')	2/13/2024	11.0 Ft	8.30	0.360	1.20	<2.00
SB-7 (10.0')	2/13/2024	10.0 Ft	8.34	0.224	0.725	<2.00
SB-7 (11.0')	2/13/2024	11.0 Ft	8.76	0.224	0.920	<2.00
SB-8 (10.0')	2/13/2024	10.0 Ft	7.87	0.487	0.767	<2.00
SB-8 (11.0')	2/13/2024	11.0 Ft	8.29	0.379	0.782	<2.00
SB-9 (10.0')	2/13/2024	10.0 Ft	7.78	0.628	0.403	<2.00
SB-9 (11.0')	2/13/2024	11.0 Ft	8.26	0.404	0.851	<2.00
SB-10 (10.0')	2/13/2024	10.0 Ft	5.34	0.563	0.570	<2.00
SB-10 (12.0')	2/13/2024	12.0 Ft	8.03	0.506	0.827	<2.00
SB-11 (10.0')	2/13/2024	10.0 Ft	8.31	0.164	0.575	<2.00
SB-11 (12.0')	2/13/2024	12.0 Ft	8.17	0.291	0.850	<2.00
BKG01@10.0'	2/13/2024	10.0 Ft	8.93	0.495	0.145	<2.00
BKG01@11.0'	2/13/2024	11.0 Ft	9.00	0.159	0.0427	<2.00
BKG02@10.0'	2/13/2024	10.0 Ft	8.72	0.754	0.136	<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)			9.35	-	-	-
BKG02@11.0'	2/13/2024	11.0 Ft	8.89	0.173	0.0404	<2.00
BKG03@10.0'	2/13/2024	10.0 Ft	8.60	0.304	0.0756	<2.00
BKG03@11.0'	2/13/2024	11.0 Ft	8.87	0.165	0.0489	<2.00
BKG04@10.0'	2/13/2024	10.0 Ft	9.35	0.168	0.0691	<2.00
BKG04@11.0'	2/13/2024	11.0 Ft	8.83	0.190	0.0417	<2.00
BKG05@10.0'	2/13/2024	10.0 Ft	9.19	0.0963	0.0444	<2.00
BKG05@11.0'	2/13/2024	11.0 Ft	8.83	0.172	0.0528	<2.00

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

Local Background Samples (BKG01, BKG02, BKG03, BKG04, BKG05)

TABLE 4
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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			12.07	-	-	-	-	-	-	-	-	-
SB-1 (10.0')	2/13/2024	10.0 Ft	2.16	13.2	<0.200	<0.30	1.02	3.49	<0.400	<0.260	<0.0200	3.59
SB-1 (11.0)	2/13/2024	11.0 Ft	2.95	23.9	<0.181	<0.30	1.38	5.05	<0.362	0.237	<0.0181	4.30
SB-1 (12.0')	2/13/2024	12.0 Ft	1.67	9.46	<0.200	<0.30	0.669	3.36	<0.400	<0.260	<0.0200	3.41
SB-2 (10.0')	2/13/2024	10.0 Ft	1.41	45.9	0.413	<0.30	0.828	4.03	<0.400	<0.260	<0.0200	5.90
SB-2 (12.0')	2/13/2024	12.0 Ft	1.04	13.4	<0.200	<0.30	0.777	2.41	<0.400	<0.260	<0.0200	1.99
SB-3 (10.0')	2/13/2024	10.0 Ft	0.522	24.0	<0.200	<0.30	0.553	2.21	<0.400	<0.260	<0.0200	3.00
SB-3 (12.0')	2/13/2024	12.0 Ft	1.28	12.9	<0.180	<0.30	0.934	2.72	<0.360	0.653	<0.0180	3.53
SB-4 (10.0')	2/13/2024	10.0 Ft	2.64	18.5	<0.200	<0.30	1.16	3.90	<0.400	0.390	<0.0200	4.52
SB-4 (11.0')	2/13/2024	11.0 Ft	1.04	10.6	<0.200	<0.30	0.689	1.83	<0.400	0.301	<0.0200	3.05
SB-5 (10.0')	2/13/2024	10.0 Ft	1.44	14.3	<0.200	<0.30	1.00	2.24	<0.400	0.311	<0.0200	2.62
SB-5 (12.0')	2/13/2024	12.0 Ft	1.72	54.0	<0.180	<0.30	0.837	2.96	<0.360	<0.234	<0.0180	2.40
MW-1 (8.0')	2/13/2024	8.0 Ft	0.621	61.8	<0.200	<0.30	0.755	4.59	<0.400	<0.260	0.0211	3.43
MW-1 (11.0')	2/13/2024	11.0 Ft	2.38	21.6	<0.200	<0.30	1.21	3.62	<0.400	0.260	<0.0200	4.26
SB-7 (10.0')	2/13/2024	10.0 Ft	3.50	53.8	<0.200	<0.30	1.43	4.30	<0.400	<0.260	<0.0200	3.48
SB-7 (11.0')	2/13/2024	11.0 Ft	1.09	11.9	<0.181	<0.30	0.484	1.54	<0.362	<0.236	<0.0181	2.18
SB-8 (10.0')	2/13/2024	10.0 Ft	1.51	67.6	<0.200	<0.30	1.09	5.21	<0.400	<0.260	<0.0200	2.84
SB-8 (11.0')	2/13/2024	11.0 Ft	1.70	32.1	<0.181	<0.30	1.17	4.31	<0.362	0.278	<0.0181	2.93
SB-9 (10.0')	2/13/2024	10.0 Ft	3.40	48.6	<0.181	<0.30	1.20	4.65	<0.362	<0.236	<0.0181	4.27
SB-9 (11.0')	2/13/2024	11.0 Ft	4.42	29.6	<0.200	<0.30	1.96	6.39	<0.400	0.371	<0.0200	6.13
SB-10 (10.0')	2/13/2024	10.0 Ft	1.79	16.9	<0.200	<0.30	0.644	1.73	<0.400	<0.260	<0.0200	2.16
SB-10 (12.0')	2/13/2024	12.0 Ft	7.27	16.2	0.197	<0.30	4.80	4.26	3.60	0.430	<0.0180	8.41
SB-11 (10.0')	2/13/2024	10.0 Ft	1.12	7.04	<0.200	<0.30	0.918	1.38	0.659	<0.260	<0.0200	3.70
SB-11 (12.0')	2/13/2024	12.0 Ft	2.49	20.9	<0.200	<0.30	2.53	2.54	1.37	0.276	<0.0200	6.29
BKG01@10.0'	2/13/2024	10.0 Ft	2.53	57.6	<0.200	0.176	3.46	3.94	3.21	<0.260	<0.0200	11.0
BKG01@11.0'	2/13/2024	11.0 Ft	5.36	31.8	<0.200	<0.080	2.79	4.21	2.37	<0.260	<0.0200	8.58
BKG02@10.0'	2/13/2024	10.0 Ft	1.50	21.7	<0.180	0.135	1.33	2.05	1.41	<0.234	<0.0180	5.63
BKG02@11.0'	2/13/2024	11.0 Ft	3.47	26.6	<0.200	<0.080	2.03	3.75	1.66	<0.260	<0.0200	6.75
BKG03@10.0'	2/13/2024	10.0 Ft	9.66	45.4	<0.200	0.149	4.89	8.41	3.79	<0.260	<0.0200	13.2
BKG03@11.0'	2/13/2024	11.0 Ft	3.87	9.66	<0.200	<0.080	1.98	4.38	1.41	<0.260	<0.0200	6.14
BKG04@10.0'	2/13/2024	10.0 Ft	9.32	54.3	0.233	0.150	4.62	11.7	3.94	<0.260	<0.0200	13.0

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			12.07	-	-	-	-	-	-	-	-	-
BKG04@11.0'	2/13/2024	11.0 Ft	1.90	19.2	<0.200	<0.080	1.46	2.25	1.19	<0.260	<0.0200	5.64
BKG05@10.0'	2/13/2024	10.0 Ft	1.43	7.09	<0.181	<0.080	1.13	1.60	1.04	<0.236	<0.0181	5.08
BKG05@11.0'	2/13/2024	11.0 Ft	3.81	27.9	<0.200	<0.080	2.21	3.81	1.91	<0.260	<0.0200	9.88

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

Local Background Samples (BKG01, BKG02, BKG03, BKG04, BKG05)

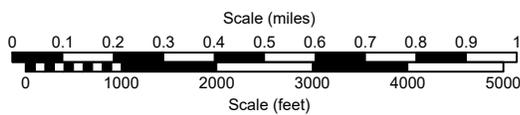
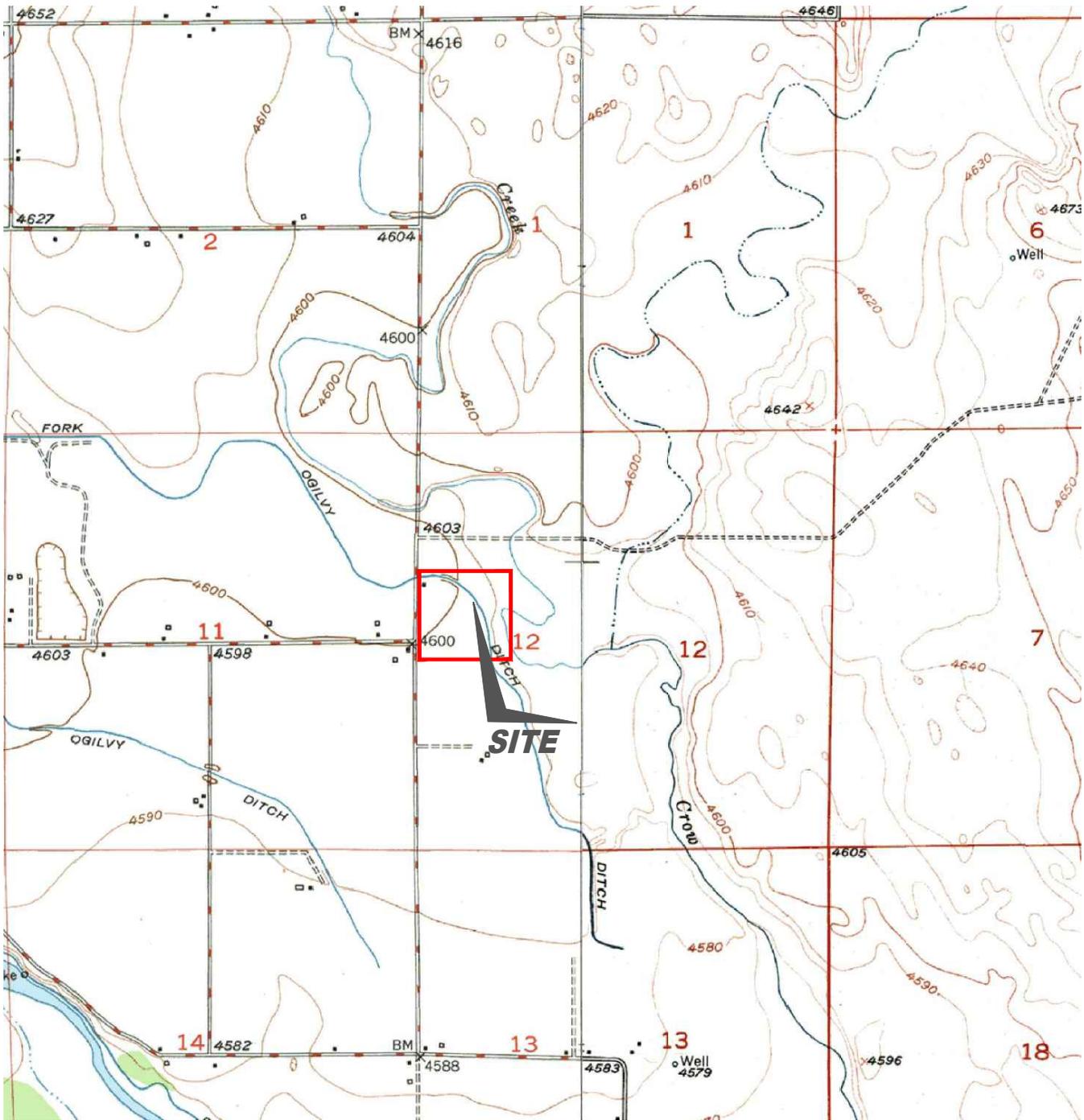
TABLE 5
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE ENERGY INC.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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				
MW-1	02/13/24	<1.0	<1.0	32	<2.0	9.2	<1.0	<1.0	N/A	12.81	N/A	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



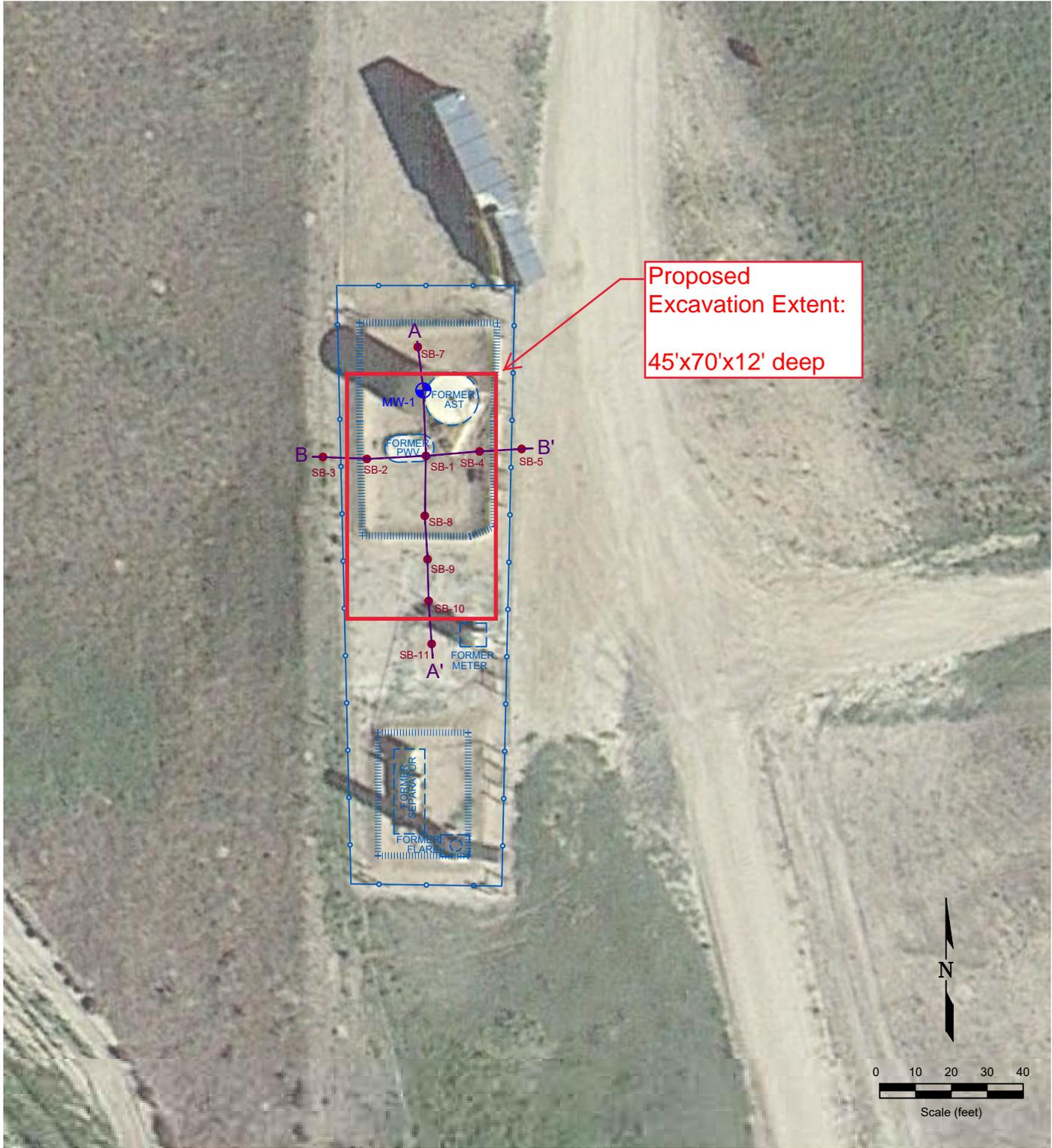
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

NOBLE ENERGY INC - TREBOR B12-05,19
 SWNW Sec. 12, T5N, R64W, 6th PM
 Weld County, Colorado
 40.416586°, -104.505977°

Project # CO23-120	API #	Facility # 447346
Date 4/4/24	Remediation # 28078	Filename 23120T2





Proposed
Excavation Extent:
45'x70'x12' deep

LEGEND

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

Figure 3

CROSS SECTION MAP

NOBLE ENERGY INC - TREBOR B12-05,19
 SWNW Sec. 12, T5N, R64W, 6th PM
 Weld County, Colorado
 40.416586°, -104.505977°

Project # CO23-120	API #	Facility # 447346
Date 4/4/24	Remediation # 28078	Filename 23120Q2

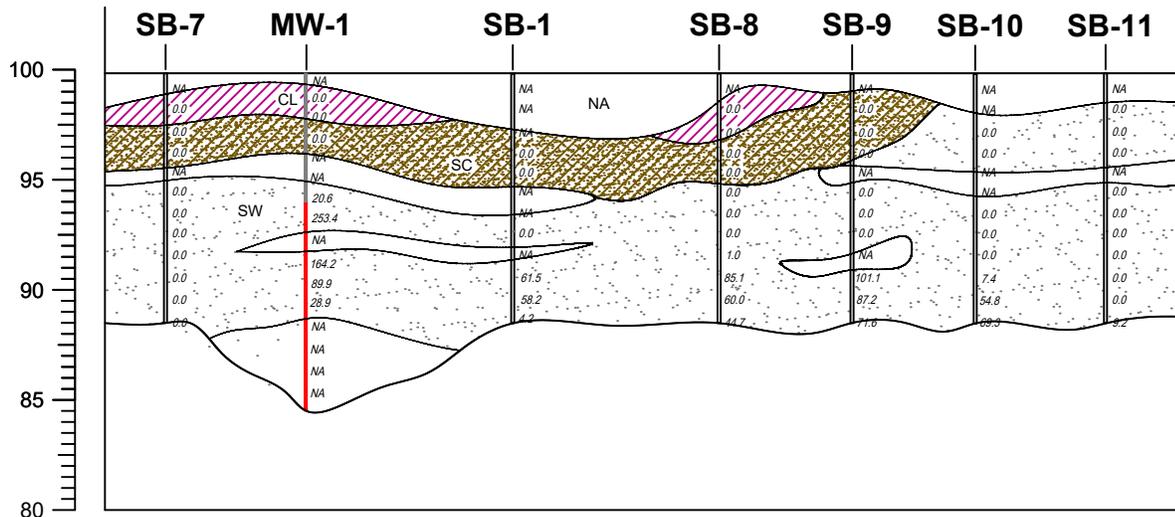


NORTH

SOUTH

A

A'



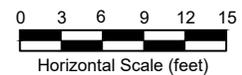
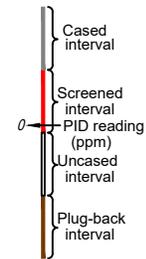
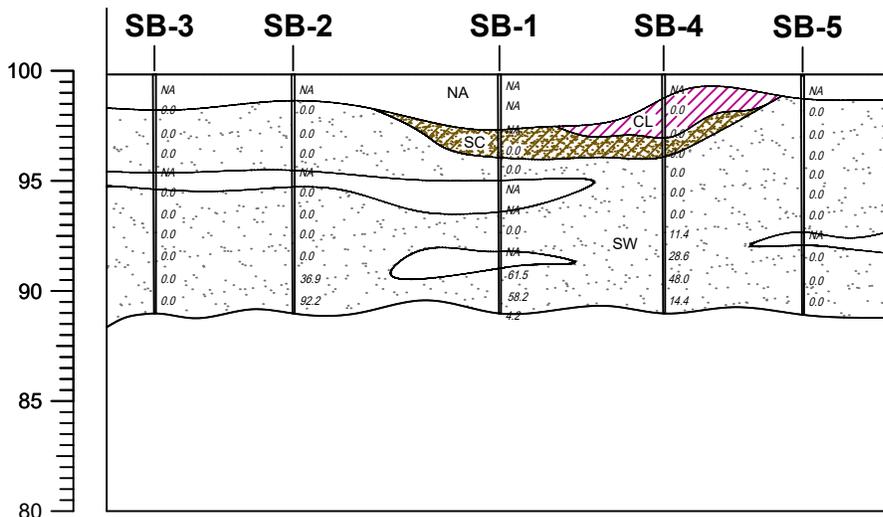
WEST

Intersect A-A'/B-B'

EAST

B

B'



LEGEND

Clay, high plasticity	Sand, well-graded	Fill
Clay, low plasticity	Sand, poorly-graded	Asphalt
Silt, high plasticity	Sand, clayey	Roadbase
Silt, low plasticity	Sand silty	Basin fill
Clay, silty high plasticity	Gravel, well-graded	Claystone
Clay, silty, low plasticity	Gravel	Firm sandy clay
Silt, clayey high plasticity	Gravel, clayey	Shale
Silt, clayey low plasticity	Gravel, silty	Sandstone

Figure 4

CROSS SECTIONS A - A' AND B - B'

NOBLE ENERGY INC - TREBOR B12-05,19
 SWSW Sec. 23, T4N, R64W, 6th PM
 Weld County, Colorado
 40.416586°, -104.505977°

Project No. C023-120	API #	Facility # 447346
Date 4/5/24	Remediation # 28078	Filename 23120X1



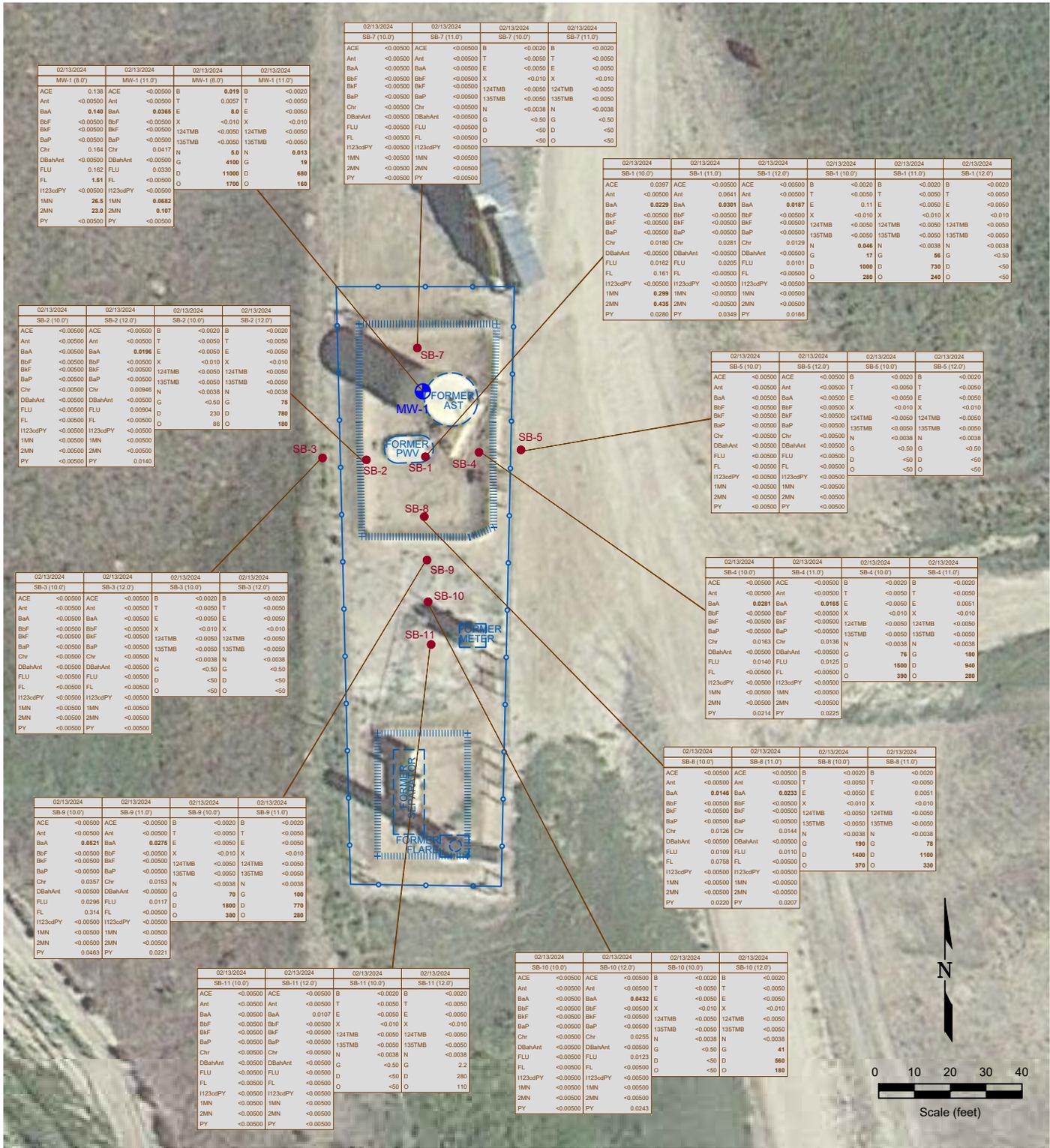


Figure 5
ORGANIC SOIL CHEMISTRY MAP
NOBLE ENERGY INC - TREBOR B12-05,19
SWNW Sec. 12, T5N, R64W, 6th PM
Weld County, Colorado
40.416586° , -104.505977°

Project # CO23-120	API #	Facility # 447346
Date 4/4/24	Remediation # 28078	Filename 23120Q2

REMONT ENVIRONMENTAL

LEGEND

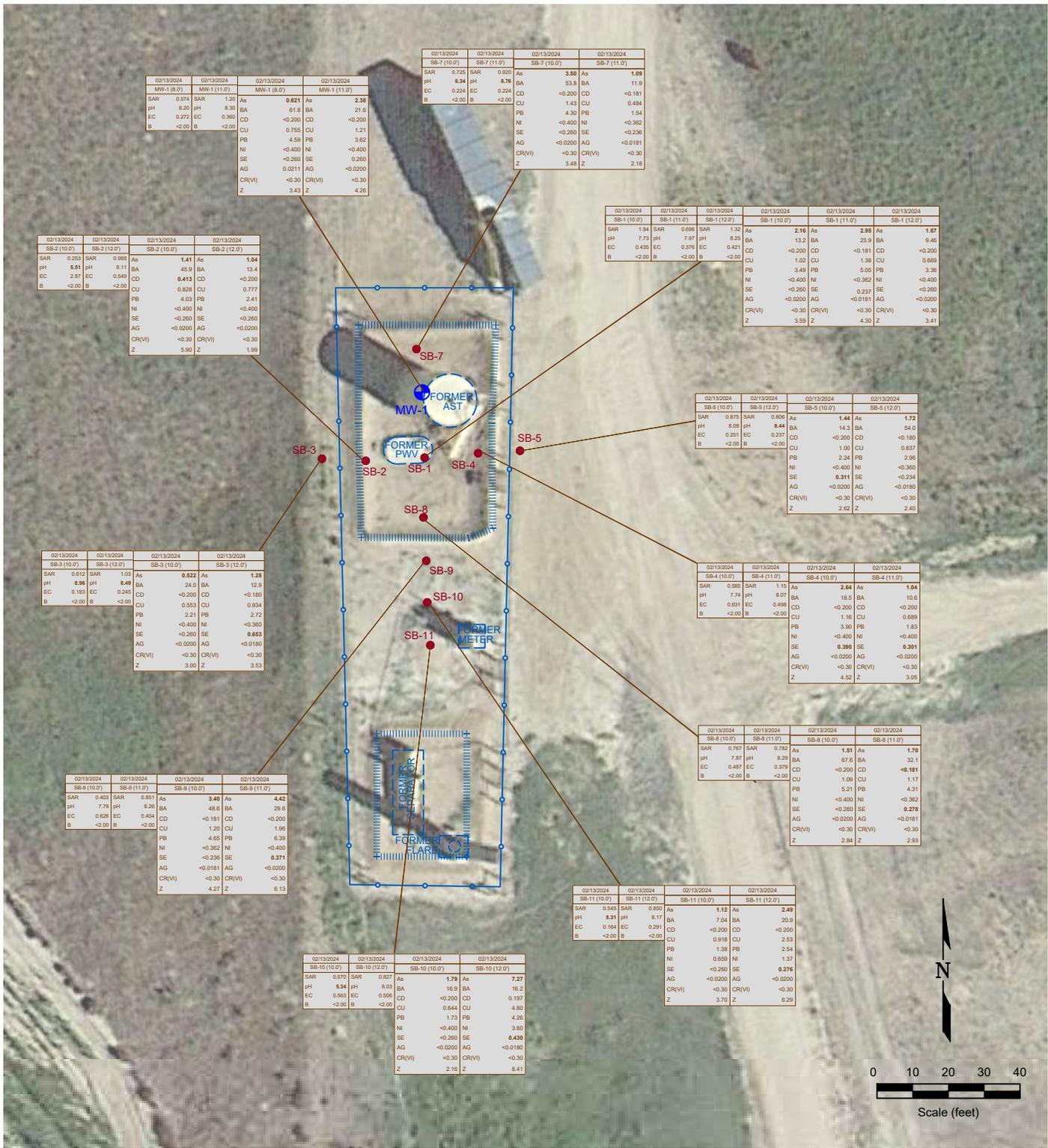
- SOIL BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- MONITORING WELL LOCATION
- FENCE LINE

02/13/2024	DATE SAMPLED	02/13/2024	DATE SAMPLED
SB-1 (10.0')	SAMPLE ID & DEPTH (ft)	SB-1 (10.0')	SAMPLE ID & DEPTH (ft)
ACE	0.0397	B	<0.0020
Ant	<0.0050	T	<0.0050
BaA	0.0229	E	0.11
BbF	<0.0050	X	<0.010
BbP	<0.0050	124TMB	<0.0050
BaP	<0.0050	135TMB	<0.0050
Ch	0.0163	N	0.046
DBahAnt	<0.0050	G	79
FLU	0.0162	D	1000
FL	0.161	O	380
H123cdPY	<0.0050		
1MN	0.299		
2MN	0.435		
PY	0.0280		

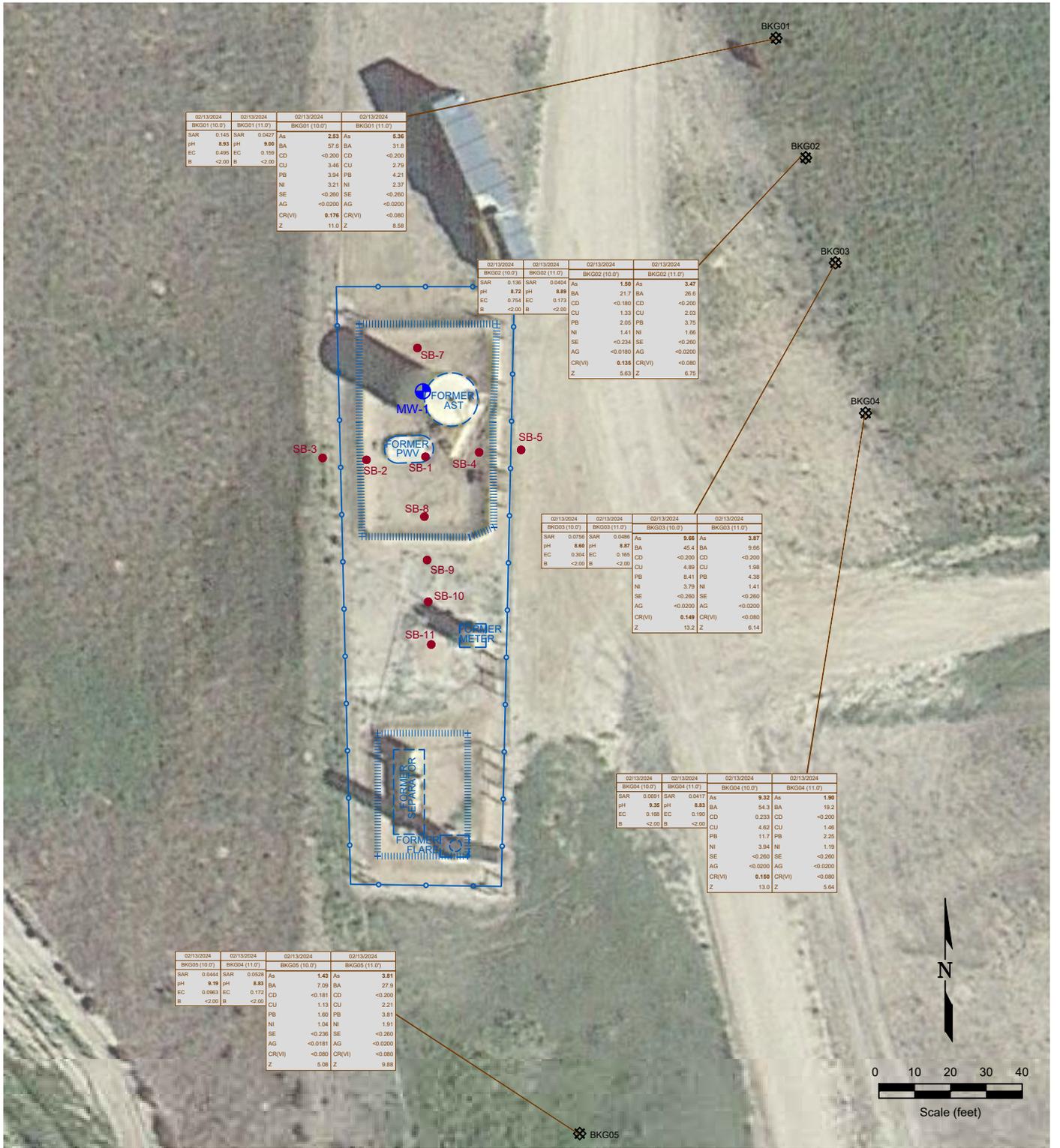
02/13/2024	DATE SAMPLED	02/13/2024	DATE SAMPLED
SB-1 (10.0')	SAMPLE ID & DEPTH (ft)	SB-1 (10.0')	SAMPLE ID & DEPTH (ft)
B	<0.0020	BENZENE (mg/kg)	
T	<0.0050	TOLUENE (mg/kg)	
E	0.11	ETHYLBENZENE (mg/kg)	
X	<0.010	TOTAL XYLENE (mg/kg)	
124TMB	<0.0050	1,2,4-TRIMETHYLBENZENE (mg/kg)	
135TMB	<0.0050	1,3,5-TRIMETHYLBENZENE (mg/kg)	
N	0.046	NAPHTHALENE (mg/kg)	
G	79	TPH-GRO (mg/kg)	
D	1000	TPH-DRO (mg/kg)	
O	380	TPH-ORO (mg/kg)	

02/13/2024	DATE SAMPLED	02/13/2024	DATE SAMPLED
SB-1 (10.0')	SAMPLE ID & DEPTH (ft)	SB-1 (10.0')	SAMPLE ID & DEPTH (ft)
BA	<0.01	ARSENIC (mg/kg)	
CB	<0.01	BARILUM (mg/kg)	
CU	<0.01	CADMIUM (mg/kg)	
FE	<0.01	COPPER (mg/kg)	
NI	<0.01	NICKEL (mg/kg)	
SE	<0.5	SELENIUM (mg/kg)	
AG	<0.05	SILVER (mg/kg)	
CR	<0.05	HEXAVALENT CHROMIUM (mg/kg)	
Z	<0.05	ZINC (mg/kg)	

02/13/2024	DATE SAMPLED	02/13/2024	DATE SAMPLED
SB-1 (10.0')	SAMPLE ID & DEPTH (ft)	SB-1 (10.0')	SAMPLE ID & DEPTH (ft)
SAR	<0.01	SAR (units)	
PH	7.50	PH (pH units)	
EC	11	EC (mmhos/cm)	
B	<0.5	BORON (mg/L)	



Project # CO23-120	API #	Facility # 447346	
Date 5/6/24	Remediation # 28078	Filename 23120Q2	



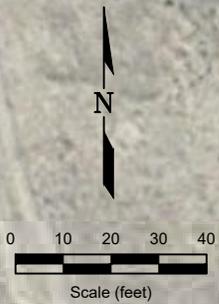
02/13/2024		02/13/2024		02/13/2024		02/13/2024	
BKG01 (10.0')		BKG01 (11.0')		BKG01 (10.0')		BKG01 (11.0')	
SAR	0.145	SAR	0.0427	As	2.63	As	5.36
pH	8.93	pH	9.06	BA	57.6	BA	31.8
EC	0.495	EC	0.199	CD	<-0.200	CD	<-0.200
B	<-2.00	B	<-2.00	CU	3.48	CU	2.79
				PB	3.94	PB	4.21
				NI	3.21	NI	2.37
				SE	<-0.200	SE	<-0.200
				AG	<-0.0200	AG	<-0.0200
				CR(VI)	0.176	CR(VI)	<-0.080
				Z	11.0	Z	8.58

02/13/2024		02/13/2024		02/13/2024		02/13/2024	
BKG02 (10.0')		BKG02 (11.0')		BKG02 (10.0')		BKG02 (11.0')	
SAR	0.130	SAR	0.0604	As	1.90	As	3.47
pH	8.72	pH	8.89	BA	21.7	BA	26.8
EC	0.754	EC	0.173	CD	<-0.180	CD	<-0.200
B	<-2.00	B	<-2.00	CU	1.33	CU	2.03
				PB	2.55	PB	3.75
				NI	1.41	NI	1.68
				SE	<-0.234	SE	<-0.200
				AG	<-0.0180	AG	<-0.0200
				CR(VI)	0.135	CR(VI)	<-0.080
				Z	5.63	Z	6.75

02/13/2024		02/13/2024		02/13/2024		02/13/2024	
BKG03 (10.0')		BKG03 (11.0')		BKG03 (10.0')		BKG03 (11.0')	
SAR	0.0766	SAR	0.0486	As	8.08	As	3.87
pH	8.60	pH	8.87	BA	45.4	BA	9.66
EC	0.304	EC	0.165	CD	<-0.200	CD	<-0.200
B	<-2.00	B	<-2.00	CU	4.89	CU	1.98
				PB	8.41	PB	4.38
				NI	3.75	NI	1.41
				SE	<-0.260	SE	<-0.200
				AG	<-0.0200	AG	<-0.0200
				CR(VI)	0.148	CR(VI)	<-0.080
				Z	13.2	Z	6.14

02/13/2024		02/13/2024		02/13/2024		02/13/2024	
BKG04 (10.0')		BKG04 (11.0')		BKG04 (10.0')		BKG04 (11.0')	
SAR	0.0691	SAR	0.0417	As	9.32	As	1.90
pH	9.35	pH	8.83	BA	54.3	BA	19.2
EC	0.168	EC	0.190	CD	0.233	CD	<-0.200
B	<-2.00	B	<-2.00	CU	4.62	CU	1.46
				PB	11.7	PB	2.26
				NI	3.94	NI	1.19
				SE	<-0.260	SE	<-0.200
				AG	<-0.0200	AG	<-0.0200
				CR(VI)	0.150	CR(VI)	<-0.080
				Z	13.0	Z	5.64

02/13/2024		02/13/2024		02/13/2024		02/13/2024	
BKG05 (10.0')		BKG05 (11.0')		BKG05 (10.0')		BKG05 (11.0')	
SAR	0.0444	SAR	0.0528	As	1.43	As	3.81
pH	9.18	pH	8.83	BA	7.09	BA	27.9
EC	0.0963	EC	0.172	CD	<-0.181	CD	<-0.200
B	<-2.00	B	<-2.00	CU	1.13	CU	2.21
				PB	1.63	PB	3.81
				NI	1.04	NI	1.91
				SE	<-0.230	SE	<-0.200
				AG	<-0.0181	AG	<-0.0200
				CR(VI)	<-0.080	CR(VI)	<-0.080
				Z	5.08	Z	9.88



LEGEND

- SOIL BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- ▬ CONTAINMENT BERM
- ⊕ MONITORING WELL LOCATION
- ⊗ SOIL SAMPLE LOCATION
- ▬ FENCE LINE

02/13/2024		02/13/2024		02/13/2024		02/13/2024	
SB-1 (10.0')		SB-1 (10.0')		SB-1 (10.0')		SB-1 (10.0')	
ACE	<0.0397	ACENAPHTHENE (mg/kg)		As	2.750	ARSENIC (mg/kg)	
BaA	0.0229	BENZO (A) ANTHRACENE (mg/kg)		BA	95.414	BARIUM (mg/kg)	
BbF	<0.00500	BENZO (B) FLUORANTHENE (mg/kg)		CD	0.590	CADMIUM (mg/kg)	
BaP	<0.00500	BENZO (K) FLUORANTHENE (mg/kg)		CU	7.811	COPPER (mg/kg)	
Chv	<0.00500	BENZO (A) PYRENE (mg/kg)		NI	6.60	NICKEL (mg/kg)	
Flu	0.0160	CHRYSENE (mg/kg)		SE	24.788	SELENIUM (mg/kg)	
Dib	<0.00500	DIBENZ (A,H) ANTHRACENE (mg/kg)		AG	<-0.260	SILVER (mg/kg)	
Flu	0.161	FLUORANTHENE (mg/kg)		CR(VI)	<-0.080	HEXAVALENT CHROMIUM (mg/kg)	
Flu	0.161	FLUORENE (mg/kg)		Z	24.969	ZINC (mg/kg)	
Ind	<0.00500	INDENO (1,2,3-CD) PYRENE (mg/kg)					
Met	0.298	1-METHYLNAPHTHALENE (mg/kg)					
Met	0.298	2-METHYLNAPHTHALENE (mg/kg)					
Py	0.435	PYRENE (mg/kg)					
Py	0.0280						

Figure 7
BACKGROUND SAMPLE SOIL CHEMISTRY MAP

NOBLE ENERGY INC - TREBOR B12-05,19
SWNW Sec. 12, T5N, R64W, 6th PM
Weld County, Colorado
40.416586°, -104.505977°

Project # CO23-120	API #	Facility # 447346	
Date 5/6/24	Remediation # 28078	Filename 23120Q2	



02/13/2024	
MW-1	
B	<1.0
T	<1.0
E	32
X	<2.0
N	9.2
124TMB	<1.0
135TMB	<1.0

LEGEND

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

02/13/2024	
MW-1	DATE SAMPLED
	SAMPLE ID
B	<1.0 BENZENE (ug/L)
T	<1.0 TOLUENE (ug/L)
E	32 ETHYLBENZENE (ug/L)
X	<2.0 TOTAL XYLENES (ug/L)
N	9.2 NAPHTHALENE (ug/L)
124TMB	<1.0 1,2,4-TRIMETHYLBENZENE (ug/L)
135TMB	<1.0 1,3,5-TRIMETHYLBENZENE (ug/L)

Figure 8

GROUNDWATER CHEMISTRY MAP

NOBLE ENERGY INC - TREBOR B12-05,19

SWNW Sec. 12, T5N, R64W, 6th PM

Weld County, Colorado

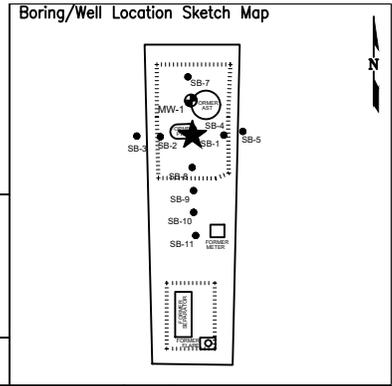
40.416586°, -104.505977°

Project # CO23-120	API #	Facility # 447346
Date 4/4/24	Remediation # 28078	Filename 23120Q2





BORING/WELL CONSTRUCTION LOG



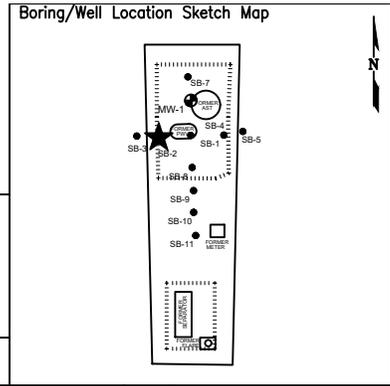
Page 1 of 1

Boring/Well No. SB-1		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado			
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Approved By			
Drilling Contractor/Driller Drill Pro			Geologist/Office Jeff Griggs / Fremont Environmental, Inc.			
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/08/2024	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
			NA				NA
					45%		NA
							NA
							0.0
5		SC	Sandy clay, brown, no odor				0.0
		SW	Sand, well graded, brown, no odor		10%		NA
			NA				NA
							0.0
							NA
10		SW	Sand, black, fine to medium coarse, moderate odor, saturated Sand, tan, medium coarse, light odor		65%		61.5
			TD 12'				58.2
							4.2
15							
20							



BORING/WELL CONSTRUCTION LOG



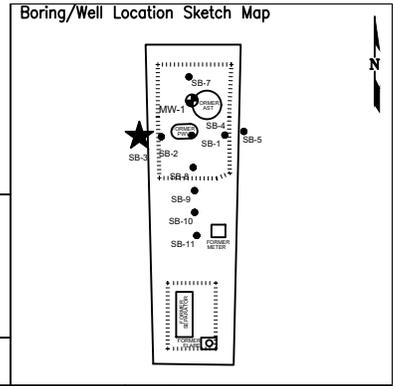
Page 1 of 1

Boring/Well No. SB-2		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Approved By				
Drilling Contractor/Driller Drill Pro			Geologist/Office Jeff Griggs / Fremont Environmental, Inc.				
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024		
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.	
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
			NA				NA
			Sand, tan, fine, no odor		75%		0.0
5		SW	Sand, tan, fine to medium coarse, no odor		75%		0.0
			Saturated sand, black, medium coarse, odor		98%		0.0
10			TD 12'				36.9
							92.2
15							
20							



BORING/WELL CONSTRUCTION LOG



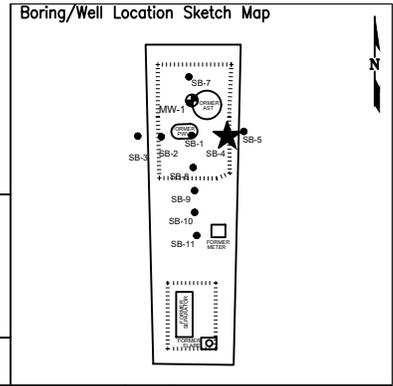
Page 1 of 1

Boring/Well No. SB-3		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19		Drilling Contractor/Driller Drill Pro					
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.		Approved By					
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024			
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	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
5	[Empty Well Construction Column]	NA					NA
		SW	Sand, tan, fine, no odor		86%		0.0
		NA					0.0
		SW	Sand, tan, fine to medium coarse, no odor		86%		0.0
10	[Empty Well Construction Column]	NA					NA
		SW	Saturated sand, tan, medium coarse, no odor		98%		0.0
		NA					0.0
		NA					0.0
15	[Empty Well Construction Column]	NA					0.0
		NA					0.0
		NA					0.0
		NA					0.0
20	[Empty Well Construction Column]	NA					0.0
		NA					0.0
		NA					0.0
		NA					0.0



BORING/WELL CONSTRUCTION LOG



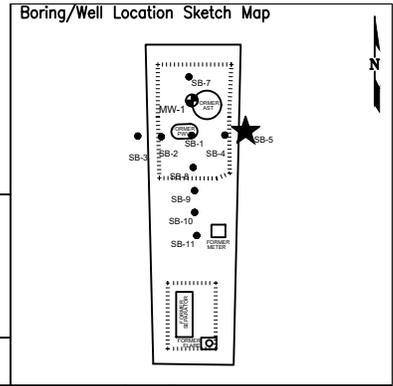
Page 1 of 1

Boring/Well No. SB-4		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Drilling Contractor/Driller Drill Pro				
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.			Approved By				
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024		
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.	
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
			NA				NA
		CL	Clay, brown, no odor		75%		0.0
		SC	Sandy clay, brown, no odor				0.0
5		SW	Sand, tan, fine to medium coarse, no odor		96%		0.0
							0.0
							0.0
							0.0
							11.4
10			Sand, tan, black streaks, fine to medium coarse, light odor		95%		29.6
			Sand, black, fine to medium coarse, odor				48.0
			Saturated, black, sand, medium coarse, odor				48.0
			Sand, tan, fine to medium coarse, light odor				14.4
			TD 12'				
15							
20							



BORING/WELL CONSTRUCTION LOG



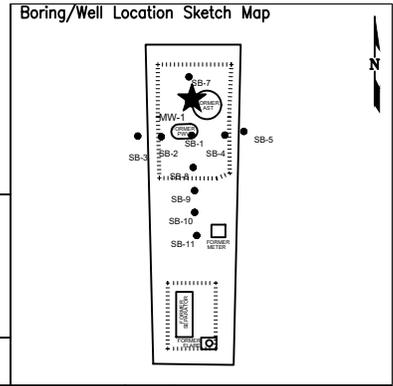
Page 1 of 1

Boring/Well No. SB-5		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Drilling Contractor/Driller Drill Pro				
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.			Approved By				
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024		
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.	
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
5	[Well Construction Diagram]	NA					NA
		SW	Sand, tan, fine, no odor		75%		0.0
		SW	Sand, tan, fine, no odor		98%		0.0
		NA					0.0
		NA					0.0
10	[Well Construction Diagram]	SW	Saturated, sand, medium coarse, odor		75%		0.0
		TD 12'					0.0
15	[Well Construction Diagram]						
20	[Well Construction Diagram]						



BORING/WELL CONSTRUCTION LOG



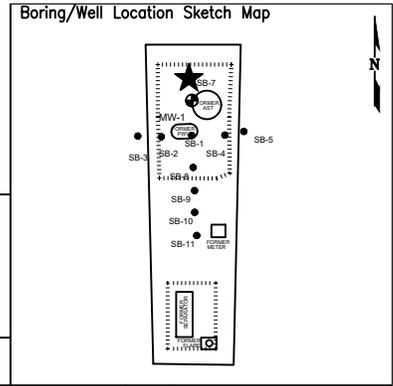
Page 1 of 1

Boring/Well No. MW-1	Total Depth 16'	Location Noble Energy, Inc. Trebor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado	
Project No./Name CO23-120 / Noble Trebor B12-05,19		Drilling Contractor/Driller Drill Pro	
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.		Approved By	
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push
		Start/Finish Date 2/13/24	
Well Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Mtrl./Dia. PVC 1"	Screen: Type slotted Mtrl. PVC Length 10' Dia. 1" 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

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
	Bentonite		NA				NA
	1" Blank		Clay, brown, no odor		75%		0.0
		CL	Sandy clay, brown, no odor				0.0
		SC	NA				0.0
5			NA		50%		NA
			Sand, black, fine to medium coarse, odor				20.6
		SW	Sand, fine, gray, odor				253.4
	#10-20 Silica Sand		NA		89%		NA
10		1" Screen	Sand, black fine to medium coarse, odor				164.2
			Saturated black, medium coarse, odor				89.9
		SW	Sand, tan, medium coarse, odor				38.9
			NA		0%		NA
15			NA				NA
			TD 16'				NA
20							



BORING/WELL CONSTRUCTION LOG



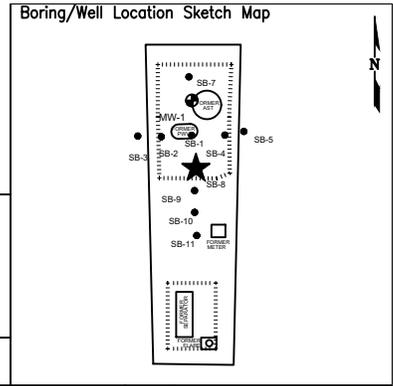
Page 1 of 1

Boring/Well No. SB-7	Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado	
Project No./Name CO23-120 / Noble Trebtor B12-05,19		Approved By	
Drilling Contractor/Driller Drill Pro		Geologist/Office Jeff Griggs / Fremont Environmental, Inc.	
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push
		Start/Finish Date 02/13/2024	
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	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
			NA				NA
		CL	Clay, brown, no odor		79%		0.0
		SC	Sandy clay, brown, no odor				0.0
		SW	Sand, tan, fine, no odor				0.0
5			NA				NA
		SW	Sand, tan, fine to medium coarse, no odor		79%		0.0
							0.0
							0.0
10			Saturated, sand, medium coarse, no odor		95%		0.0
							0.0
							0.0
15							0.0
							0.0
							0.0
20							0.0



BORING/WELL CONSTRUCTION LOG



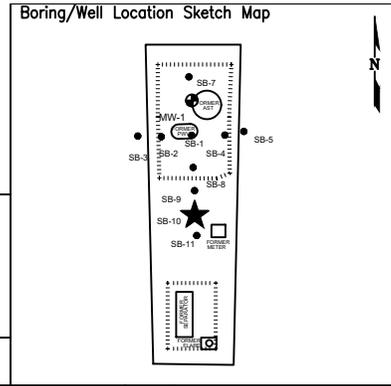
Page 1 of 1

Boring/Well No. SB-8	Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado	
Project No./Name CO23-120 / Noble Trebtor B12-05,19		Approved By	
Drilling Contractor/Driller Drill Pro		Geologist/Office Jeff Griggs / Fremont Environmental, Inc.	
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Start/Finish Date 02/13/2024	
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	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
			NA				NA
		CL	Clay, brown, no odor		74%		0.0
		SC	Sandy clay, brown, no odor				0.0
5			Sand, tan, fine, no odor				0.0
		SW	Sand, tan, fine to medium coarse, no odor		89%		0.0
			Sand, black, fine to medium coarse, odor				0.0
10			Saturated, sand, black, medium coarse, odor		98%		85.1
							60.0
			TD 12'				44.7
15							
20							



BORING/WELL CONSTRUCTION LOG



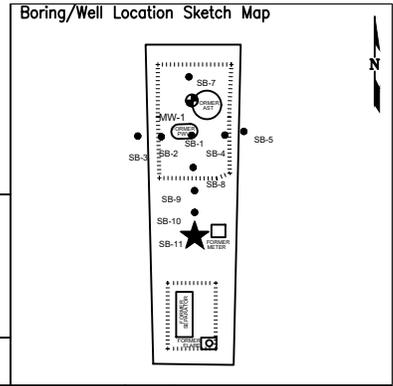
Page 1 of 1

Boring/Well No. SB-10		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Approved By				
Drilling Contractor/Driller Drill Pro			Geologist/Office Jeff Griggs / Fremont Environmental, Inc.				
Drilling Equipment/Method Geoprobe			Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024		
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia.	Screen: Type	Mtrl.	Length	Dia.	
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen	Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION	LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
		GRAPHIC LOG	VISUAL DESCRIPTION				
5			NA		50%		NA
							NA
		SW	Sand, tan, fine, no odor			0.0	
						0.0	
10			NA		50%		NA
							NA
		SW	Sand, tan, fine to medium coarse, no odor			0.0	
						0.0	
15			Sand, tan, fine to medium coarse, light odor		98%		7.4
			Saturated, sand, black, medium coarse, odor				54.8
				TD 12'			69.3
20							



BORING/WELL CONSTRUCTION LOG



Page 1 of 1

Boring/Well No. SB-11		Total Depth 12'	Location Noble Energy, Inc. Trebtor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado				
Project No./Name CO23-120 / Noble Trebtor B12-05,19			Approved By				
Drilling Contractor/Driller Drill Pro			Geologist/Office Jeff Griggs / Fremont Environmental, Inc.				
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 02/13/2024			
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	

DEPTH (feet)	WELL CONSTRUCTION		LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
			GRAPHIC LOG	VISUAL DESCRIPTION				
5			NA					NA
			SW	Sand, tan, fine, no odor		75%	0.0	
			SW	Sand, tan, fine to medium coarse, no odor		75%	0.0	
			SW	Saturated, black, medium coarse, no odor Sand, tan with gray spot, medium coarse, light odor		98%	0.0	
10								0.0
							0.0	
							0.0	
							0.0	
15								0.0
							0.0	
							0.0	
							0.0	
20								0.0
							0.0	
							0.0	
							0.0	

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

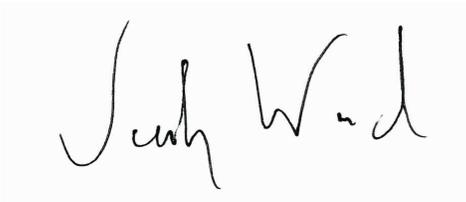
303.277.9310

April 22, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549
RE: Trebor B 12-5,19
Work Order #2402238

Enclosed are the results of analyses for samples received by Summit Scientific on 02/13/24 15:52. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jacob Wood". The signature is written in a cursive style with a small "w" at the end of the last name.

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (10.0')	2402238-01	Soil	02/13/24 00:00	02/13/24 15:52
SB-1 (11.0')	2402238-02	Soil	02/13/24 00:00	02/13/24 15:52
SB-1 (12.0')	2402238-03	Soil	02/13/24 00:00	02/13/24 15:52
SB-2 (10.0')	2402238-04	Soil	02/13/24 00:00	02/13/24 15:52
SB-2 (12.0')	2402238-05	Soil	02/13/24 00:00	02/13/24 15:52
SB-3 (10.0')	2402238-06	Soil	02/13/24 00:00	02/13/24 15:52
SB-3 (12.0')	2402238-07	Soil	02/13/24 00:00	02/13/24 15:52
SB-4 (10.0')	2402238-08	Soil	02/13/24 00:00	02/13/24 15:52
SB-4 (11.0')	2402238-09	Soil	02/13/24 00:00	02/13/24 15:52
SB-5 (10.0')	2402238-10	Soil	02/13/24 00:00	02/13/24 15:52
SB-5 (12.0')	2402238-11	Soil	02/13/24 00:00	02/13/24 15:52
MW-1 (8.0')	2402238-12	Soil	02/13/24 00:00	02/13/24 15:52
MW-1 (11.0')	2402238-13	Soil	02/13/24 00:00	02/13/24 15:52
SB-7 (10.0')	2402238-14	Soil	02/13/24 00:00	02/13/24 15:52
SB-7 (11.0')	2402238-15	Soil	02/13/24 00:00	02/13/24 15:52
SB-8 (10.0')	2402238-16	Soil	02/13/24 00:00	02/13/24 15:52
SB-8 (11.0')	2402238-17	Soil	02/13/24 00:00	02/13/24 15:52
SB-9 (10.0')	2402238-18	Soil	02/13/24 00:00	02/13/24 15:52
SB-9 (11.0')	2402238-19	Soil	02/13/24 00:00	02/13/24 15:52
SB-10 (10.0')	2402238-20	Soil	02/13/24 00:00	02/13/24 15:52
SB-10 (12.0')	2402238-21	Soil	02/13/24 00:00	02/13/24 15:52
SB-11 (10.0')	2402238-22	Soil	02/13/24 00:00	02/13/24 15:52
SB-11 (12.0')	2402238-23	Soil	02/13/24 00:00	02/13/24 15:52
MW-1	2402238-24	Water	02/13/24 00:00	02/13/24 15:52

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 2402238.1 Page 1 of 2

Send Data To:		Send Invoice To:	
Client: <u>Fremont Env</u>	Project Manager: <u>Paul Henchon</u>	Company:	
Address:	E-Mail: <u>Paulh@fremontenv.com</u>	Project Name/Location:	
City/State/Zip:	<u>jeffg@fremontenv.com Ethanb@fremontenv.com</u>	AFE#:	
Phone:	Project Name: <u>Trebor B 12-5,19</u>	PO/Billing Codes: <u>UWRWE-A2087-ABN</u>	
Sampler Name: <u>J6</u>	Project Number:	Contact:	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix		Analysis Requested						Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX+N	TMS(915)	DR0, OR0, GRO	PAHs (915)		EC1PM, SAR, BPCN
1	SB-1 (10.0')	2/13/24		2			X			X			X	X	X	X	X	
2	SB-1 (11.0')						X											
3	SB-1 (12.0')						X											
4	SB-2 (10.0')						X											
5	SB-2 (12.0')						X											
6	SB-3 (10.0')						X											
7	SB-3 (12.0')						X											
8	SB-4 (10.0')						X											
9	SB-4 (11.0')						X											
10	SB-5 (10.0')						X											
11	SB-5 (12.0')						X											
12	MW-1 (8.0')						X											
13	MW-1 (11.0')						X											
14	SB-7 (10.0')						X											
15	SB-7 (11.0')						X											

Relinquished by: <u>[Signature]</u> Date/Time: <u>2/13/24</u>	Received by: <u>[Signature]</u> Date/Time: <u>15:52 2-13-24</u>	TAT Business Days	Field DO	Notes:
Relinquished by:	Received by:	Same Day	Field EC	
Relinquished by:	Received by:	1 Day	Field ORP	
Relinquished by:	Received by:	2 Days	Field pH	
Relinquished by:	Received by:	3 Days	Field Temp.	
Temperature Upon Receipt: <u>12.2</u>	Corrected Temperature: _____	IR gun #: <u>2</u>	Field Turb. <input checked="" type="checkbox"/>	HNO3 lot #: _____

SUMMIT SCIENTIFIC

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

Lab ID	Page 2 of 2
2402238.2	

Client: <u>Fremont Env</u>	Send Data To: Project Manager: <u>Paul Henehan</u>	Send Invoice To: Company:
Address:	E-Mail: <u>Paulh@fremontenv.com</u>	Project Name/Location:
City/State/Zip:	<u>jeffg@fremontenv.com Ethenb@fremontenv.com</u>	AFE#:
Phone:	Project Name: <u>Trebor B 12-5,19</u>	PO/Billing Codes: <u>UWRWE-A2087-ABN</u>
Sampler Name: <u>JG</u>	Project Number:	Contact:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX+N	TMS (915)	DRO,ORO,GRO	PAHs (915)	EC,PT,SAR,Baron		Metals (915)	
1	SB-8 (10.0')	2/13/24		2			X			X			X	X	X	X	X	X		
2	SB-8 (11.0')	↓		1																
3	SB-9 (10.0')			1																
4	SB-9 (11.0')			1																
5	SB-10 (10.0')			1																
6	SB-10 (12.0')			1																
7	SB-11 (10.0')			1																
8	SB-11 (12.0')			2			X				X				X	X	X	X		
9	MW-1	↓		3	X				X				X	X						
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>[Signature]</u> Date/Time: <u>2/13/24</u>	Received by: <u>[Signature]</u> Date/Time: <u>15:52 2/13/24</u>	TAT Business Days	Field DO	Notes:
		Same Day	Field EC	
Relinquished by: _____ Date/Time: _____	Received by: _____ Date/Time: _____	1 Day	Field ORP	
		2 Days	Field pH	
Relinquished by: _____ Date/Time: _____	Received by: _____ Date/Time: _____	3 Days	Field Temp.	
Temperature Upon Receipt: _____	Corrected Temperature: _____	Standard	X Field Turb.	
	IR gun #: _____		HNO3 lot #: _____	

S₂

2/2

S2 Work Order# 2402238

Sample Receipt Checklist

Client: Fremont Client Project ID: Trebor B 12-5, 19

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C) 12.2

Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°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"/>	in cooler
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no sample times
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no relinquish time
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 ₂ SO 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 pH ≤ 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

2/13/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (10.0')
2402238-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/20/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	0.11	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	0.046	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	17	0.50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0339	84.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0374	93.4 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0680	170 %		50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	1000	50		mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	280	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	9.95	79.6 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (10.0')
2402238-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	0.0397	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0229	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0180	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.0162	0.00500	"	"	"	"	"	"	
Fluorene	0.161	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	0.0280	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.299	0.00500	"	"	"	"	"	"	E
2-Methylnaphthalene	0.435	0.00500	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0282	84.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0230	69.1 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (10.0')
2402238-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.16	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	13.2	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.02	0.400	"	"	"	"	"	"
Lead	3.49	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.59	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	28.1	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	7.46	0.0500	"	"	"	"	"	"	
Sodium	44.7	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.94	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-1 (10.0')
2402238-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.4		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

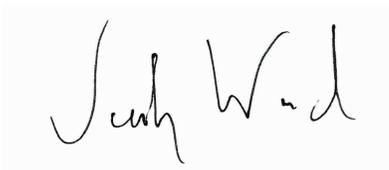
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.435	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.73		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (11.0')
2402238-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/19/24	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	56	0.50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0365	91.4 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0372	93.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0882	221 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	730	50	mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	240	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	7.77	62.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (11.0')
2402238-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	0.0641	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0301	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0281	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0205	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0349	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0334	100 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0287	86.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (11.0')
2402238-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	2.95	0.181	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B	
Barium	23.9	0.362	"	"	"	"	"	"	
Cadmium	ND	0.181	"	"	"	"	"	"	
Copper	1.38	0.362	"	"	"	"	"	"	
Lead	5.05	0.181	"	"	"	"	"	"	
Nickel	ND	0.362	"	"	"	"	"	"	
Silver	ND	0.0181	"	"	"	"	"	"	
Zinc	4.30	0.362	"	"	"	"	"	"	
Selenium	0.237	0.236	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	33.5	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	8.39	0.0500	"	"	"	"	"	"	
Sodium	17.4	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.696	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-1 (11.0')
2402238-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.3		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

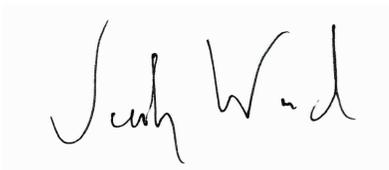
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.376	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.97		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (12.0')
2402238-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/19/24	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: **02/13/24 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	0.0383	95.8 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0404	101 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.3	90.2 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (12.0')
2402238-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0187	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0129	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.0101	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	0.0186	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0450	135 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0224	67.2 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-1 (12.0')
2402238-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.67	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	9.46	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.669	0.400	"	"	"	"	"	"
Lead	3.36	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.41	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	28.8	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	10.5	0.0500	"	"	"	"	"	"	
Sodium	32.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.32	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-1 (12.0')
2402238-03 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.4		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

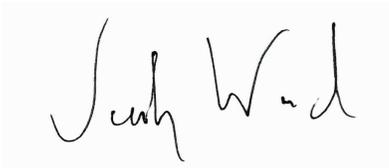
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.421	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.25		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (10.0')
2402238-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/19/24	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: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0339	84.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0400	100 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0404	101 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	230	50		mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	86	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	10.1	80.6 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (10.0')
2402238-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0245	73.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0237	71.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (10.0')
2402238-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.41	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	45.9	0.400	"	"	"	"	"	"
Cadmium	0.413	0.200	"	"	"	"	"	"
Copper	0.828	0.400	"	"	"	"	"	"
Lead	4.03	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	5.90	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	598	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	47.4	0.0500	"	"	"	"	"	"	
Sodium	23.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.253	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-2 (10.0')
2402238-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.7		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

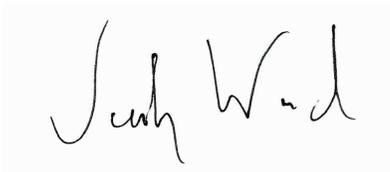
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.87	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	5.51		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (12.0')
2402238-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/19/24	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	75	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0338	84.4 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0386	96.5 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0843	211 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	780	50	mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	180	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	10.6	85.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (12.0')
2402238-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0196	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.00946	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.00904	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0140	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0329	98.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0250	75.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-2 (12.0')
2402238-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.04	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	13.4	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.777	0.400	"	"	"	"	"	"
Lead	2.41	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	1.99	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	43.6	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	12.1	0.0500	"	"	"	"	"	"	
Sodium	28.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.988	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-2 (12.0')
2402238-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.6		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.549	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.11		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-3 (10.0')
2402238-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/19/24	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: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0374	93.6 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0394	98.6 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0401	100 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	10.1	80.7 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-3 (10.0')
2402238-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0247	74.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0206	61.8 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-3 (10.0')
2402238-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	0.522	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	24.0	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.553	0.400	"	"	"	"	"	"
Lead	2.21	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.00	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	40.5	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	15.7	0.0500	"	"	"	"	"	"	
Sodium	18.1	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.612	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-3 (10.0')
2402238-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.1		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.183	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.96		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-3 (12.0')
2402238-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/19/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0373	93.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0397	99.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0410	103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	6.49	51.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-3 (12.0')
2402238-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0244	73.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0205	61.6 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-3 (12.0')
2402238-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.28	0.180	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	12.9	0.360	"	"	"	"	"	"
Cadmium	ND	0.180	"	"	"	"	"	"
Copper	0.934	0.360	"	"	"	"	"	"
Lead	2.72	0.180	"	"	"	"	"	"
Nickel	ND	0.360	"	"	"	"	"	"
Silver	ND	0.0180	"	"	"	"	"	"
Zinc	3.53	0.360	"	"	"	"	"	"
Selenium	0.653	0.234	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	15.7	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	5.43	0.0500	"	"	"	"	"	"	
Sodium	18.5	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.03	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-3 (12.0')
2402238-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.3		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.245	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.49		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (10.0')
2402238-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/19/24	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	76	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0380	95.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0394	98.6 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0999	250 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1500	50	mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	390	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	13.1	104 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (10.0')
2402238-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0281	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0163	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0140	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0214	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0316	94.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0221	66.3 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (10.0')
2402238-08 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.64	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	18.5	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.16	0.400	"	"	"	"	"	"
Lead	3.90	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.52	0.400	"	"	"	"	"	"
Selenium	0.390	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	73.2	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	7.30	0.0500	"	"	"	"	"	"	
Sodium	19.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.585	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-4 (10.0')
2402238-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.4		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.631	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.74		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (11.0')
2402238-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/19/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0051	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	180	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0387	96.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0377	94.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.120	301 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	940	50	mg/kg	1	BHB0599	02/19/24	02/19/24	EPA 8015M	
C28-C36 (ORO)	280	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	7.30	58.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (11.0')
2402238-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0165	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0136	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.0125	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	0.0225	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0360	108 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0178	53.4 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-4 (11.0')
2402238-09 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.04	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	10.6	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.689	0.400	"	"	"	"	"	"
Lead	1.83	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.05	0.400	"	"	"	"	"	"
Selenium	0.301	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	37.9	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	10.6	0.0500	"	"	"	"	"	"	
Sodium	31.1	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.15	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-4 (11.0')
2402238-09 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.0		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.498	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.07		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (10.0')
2402238-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0347	86.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0377	94.3 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0416	104 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	6.88	55.0 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (10.0')
2402238-10 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0260	77.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0173	51.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (10.0')
2402238-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.44	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	14.3	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.00	0.400	"	"	"	"	"	"
Lead	2.24	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	2.62	0.400	"	"	"	"	"	"
Selenium	0.311	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	13.7	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	5.38	0.0500	"	"	"	"	"	"	
Sodium	15.1	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.875	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-5 (10.0')
2402238-10 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.2		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

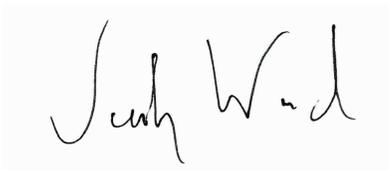
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.201	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.09		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (12.0')
2402238-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0388	97.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0401	100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0398	99.4 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	6.85	54.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (12.0')
2402238-11 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0302	90.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0210	63.1 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-5 (12.0')
2402238-11 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.72	0.180	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	54.0	0.360	"	"	"	"	"	"
Cadmium	ND	0.180	"	"	"	"	"	"
Copper	0.837	0.360	"	"	"	"	"	"
Lead	2.96	0.180	"	"	"	"	"	"
Nickel	ND	0.360	"	"	"	"	"	"
Silver	ND	0.0180	"	"	"	"	"	"
Zinc	2.40	0.360	"	"	"	"	"	"
Selenium	ND	0.234	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	27.8	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	6.10	0.0500	"	"	"	"	"	"	
Sodium	18.0	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.806	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-5 (12.0')
2402238-11 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.3		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.237	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.44		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

MW-1 (8.0')
2402238-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.019	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	EPA 8260B	
Toluene	0.0057	0.0050	"	"	"	"	"	"	
Ethylbenzene	8.0	0.050	"	10	"	"	02/20/24	"	E
Xylenes (total)	ND	0.010	"	1	"	"	02/20/24	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	5.0	0.038	"	10	"	"	02/20/24	"	
Gasoline Range Hydrocarbons	4100	5.0	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0624	156 %	50-150	"	"	"	02/20/24	"	S-02
Surrogate: Toluene-d8	0.0338	84.6 %	50-150	"	"	"	02/20/24	"	
Surrogate: 4-Bromofluorobenzene	0.163	407 %	50-150	"	"	"	02/20/24	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	11000	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	1700	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	18.1	145 %	30-150	"	"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

MW-1 (8.0')
2402238-12 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	0.138	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.140	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.164	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.162	0.00500	"	"	"	"	"	"	
Fluorene	1.51	0.100	"	20	"	"	02/23/24	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	1	"	"	02/21/24	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	26.5	0.100	"	20	"	"	02/23/24	"	E
2-Methylnaphthalene	23.0	0.100	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0715	214 %	40-150	"	"	"	02/21/24	"	S-02
Surrogate: Fluoranthene-d10	0.101	303 %	40-150	"	"	"	"	"	S-02

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**MW-1 (8.0')
2402238-12 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	0.621	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	61.8	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.755	0.400	"	"	"	"	"	"
Lead	4.59	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	0.0211	0.0200	"	"	"	"	"	"
Zinc	3.43	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: 02/13/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: 02/13/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	27.6	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	14.7	0.0500	"	"	"	"	"	"	
Sodium	15.0	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: 02/13/24 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.574	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**MW-1 (8.0')
 2402238-12 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.5		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.272	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.20		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**MW-1 (11.0')
2402238-13 (Soil)**

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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	0.013	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	19	0.50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0367	91.7 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0393	98.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0521	130 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	680	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	160	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	11.1	88.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**MW-1 (11.0')
2402238-13 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0365	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0417	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.0330	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.0682	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	0.107	0.00500	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0313	93.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0144	43.3 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**MW-1 (11.0')
2402238-13 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.38	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	21.6	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.21	0.400	"	"	"	"	"	"
Lead	3.62	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	4.26	0.400	"	"	"	"	"	"
Selenium	0.260	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	22.5	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	7.13	0.0500	"	"	"	"	"	"	
Sodium	25.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.20	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**MW-1 (11.0')
 2402238-13 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.8		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

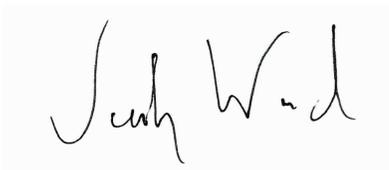
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.360	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.30		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-7 (10.0')
2402238-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0370	92.6 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0394	98.6 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0402	100 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.3	90.8 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-7 (10.0')
2402238-14 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0187	56.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0157	47.2 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-7 (10.0')
2402238-14 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	3.50	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	53.8	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.43	0.400	"	"	"	"	"	"
Lead	4.30	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.48	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	19.8	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	6.64	0.0500	"	"	"	"	"	"	
Sodium	14.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.725	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-7 (10.0')
2402238-14 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.3		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

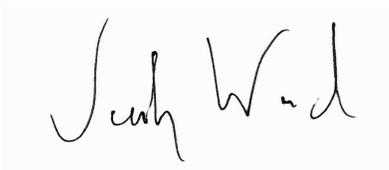
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.224	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.34		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-7 (11.0')
2402238-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0389	97.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0392	98.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0419	105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	8.30	66.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-7 (11.0')
2402238-15 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0214	64.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0144	43.1 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-7 (11.0')
2402238-15 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.09	0.181	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	11.9	0.362	"	"	"	"	"	"
Cadmium	ND	0.181	"	"	"	"	"	"
Copper	0.484	0.362	"	"	"	"	"	"
Lead	1.54	0.181	"	"	"	"	"	"
Nickel	ND	0.362	"	"	"	"	"	"
Silver	ND	0.0181	"	"	"	"	"	"
Zinc	2.18	0.362	"	"	"	"	"	"
Selenium	ND	0.236	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	15.4	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	4.91	0.0500	"	"	"	"	"	"	
Sodium	16.2	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.920	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-7 (11.0')
2402238-15 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.1		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.224	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.76		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (10.0')
2402238-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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	190	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0331	82.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0353	88.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.163	407 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1400	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	370	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	9.34	74.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (10.0')
2402238-16 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0146	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0126	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0109	0.00500	"	"	"	"	"	"	"
Fluorene	0.0758	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0220	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0338	101 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0183	55.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (10.0')
2402238-16 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.51	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	67.6	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.09	0.400	"	"	"	"	"	"
Lead	5.21	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	2.84	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	38.4	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	10.9	0.0500	"	"	"	"	"	"	
Sodium	20.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.767	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (10.0')
2402238-16 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.9		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.487	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.87		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (11.0')
2402238-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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	78	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0341	85.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0363	90.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.116	289 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1100	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	330	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	7.62	61.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (11.0')
2402238-17 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0233	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0144	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0110	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0207	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0295	88.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0162	48.7 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-8 (11.0')
2402238-17 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.70	0.181	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	32.1	0.362	"	"	"	"	"	"
Cadmium	ND	0.181	"	"	"	"	"	"
Copper	1.17	0.362	"	"	"	"	"	"
Lead	4.31	0.181	"	"	"	"	"	"
Nickel	ND	0.362	"	"	"	"	"	"
Silver	ND	0.0181	"	"	"	"	"	"
Zinc	2.93	0.362	"	"	"	"	"	"
Selenium	0.278	0.236	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	29.7	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	8.28	0.0500	"	"	"	"	"	"	
Sodium	18.7	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.782	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-8 (11.0')
2402238-17 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.5		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

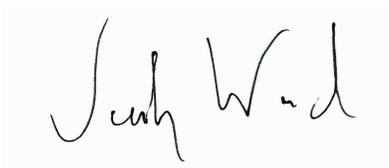
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.379	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.29		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (10.0')
2402238-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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	70	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0393	98.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0388	97.1 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0952	238 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1800	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	380	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	14.4	115 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (10.0')
2402238-18 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0521	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0357	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0296	0.00500	"	"	"	"	"	"	"
Fluorene	0.314	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0463	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0182	54.6 %	40-150		"	"	"	"	"
Surrogate: Fluoranthene-d10	0.0319	95.7 %	40-150		"	"	"	"	"

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (10.0')
2402238-18 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	3.40	0.181	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	48.6	0.362	"	"	"	"	"	"
Cadmium	ND	0.181	"	"	"	"	"	"
Copper	1.20	0.362	"	"	"	"	"	"
Lead	4.65	0.181	"	"	"	"	"	"
Nickel	ND	0.362	"	"	"	"	"	"
Silver	ND	0.0181	"	"	"	"	"	"
Zinc	4.27	0.362	"	"	"	"	"	"
Selenium	ND	0.236	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	61.9	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	17.3	0.0500	"	"	"	"	"	"	
Sodium	13.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.403	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**SB-9 (10.0')
 2402238-18 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.0		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.628	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.78		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (11.0')
2402238-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0603	02/19/24	02/20/24	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	100	0.50	"	"	"	"	"	"	E

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0370	92.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0373	93.3 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.112	279 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	770	50	mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	280	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	6.90	55.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (11.0')
2402238-19 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0275	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	0.0117	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0221	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0385	116 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0183	55.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

SB-9 (11.0')
2402238-19 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	4.42	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	29.6	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	1.96	0.400	"	"	"	"	"	"
Lead	6.39	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	6.13	0.400	"	"	"	"	"	"
Selenium	0.371	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	30.0	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	8.25	0.0500	"	"	"	"	"	"	
Sodium	20.4	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.851	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

SB-9 (11.0')
2402238-19 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.8		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.404	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.26		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (10.0')
2402238-20 (Soil)**

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHB0603	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0348	86.9 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0396	99.0 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0426	106 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHB0599	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	8.28	66.2 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (10.0')
2402238-20 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0625	02/20/24	02/21/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0199	59.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0150	45.0 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0889	02/28/24	03/01/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

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

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (10.0')
2402238-20 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.79	0.200	mg/kg dry	1	BHD0324	04/10/24	04/12/24	EPA 6020B
Barium	16.9	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.644	0.400	"	"	"	"	"	"
Lead	1.73	0.200	"	"	"	"	"	"
Nickel	ND	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	2.16	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	51.4	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	12.6	0.0500	"	"	"	"	"	"	
Sodium	17.6	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.570	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**SB-10 (10.0')
 2402238-20 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.0		%	1	BHB0839	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.563	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	5.34		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific



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PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (12.0')
2402238-21 (Soil)**

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0604	02/19/24	02/20/24	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	41	0.50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0459	115 %	50-150	"	"	"	"	"	
Surrogate: Toluene-d8	0.0474	118 %	50-150	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.234	585 %	50-150	"	"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	560	50	mg/kg	1	BHB0600	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	180	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	10.6	85.1 %	30-150	"	"	"	"	"	

PAH by EPA Method 8270D SIM

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (12.0')
2402238-21 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0626	02/20/24	02/20/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	"
Benzo (a) anthracene	0.0432	0.00500	"	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	"
Chrysene	0.0255	0.00500	"	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	"
Fluoranthene	0.0123	0.00500	"	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	"
Pyrene	0.0243	0.00500	"	"	"	"	"	"	"
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	"

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0362	109 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0231	69.2 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-10 (12.0')
2402238-21 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	7.27	0.180	mg/kg dry	1	BHD0325	04/10/24	04/12/24	EPA 6020B
Barium	16.2	0.360	"	"	"	"	"	"
Cadmium	0.197	0.180	"	"	"	"	"	"
Copper	4.80	0.360	"	"	"	"	"	"
Lead	4.26	0.180	"	"	"	"	"	"
Nickel	3.60	0.360	"	"	"	"	"	"
Silver	ND	0.0180	"	"	"	"	"	"
Zinc	8.41	0.360	"	"	"	"	"	"
Selenium	0.430	0.234	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	43.6	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	10.7	0.0500	"	"	"	"	"	"	
Sodium	23.5	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.827	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**SB-10 (12.0')
 2402238-21 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	93.5	%	1	BHB0839	02/27/24	02/28/24	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.506	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.03		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (10.0')
2402238-22 (Soil)**

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0604	02/19/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0455	114 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0364	91.1 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0340	84.9 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHB0600	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	11.4	91.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (10.0')
2402238-22 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0626	02/20/24	02/20/24	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0237	71.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0224	67.3 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

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

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (10.0')
2402238-22 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.12	0.200	mg/kg dry	1	BHD0325	04/10/24	04/12/24	EPA 6020B
Barium	7.04	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	0.918	0.400	"	"	"	"	"	"
Lead	1.38	0.200	"	"	"	"	"	"
Nickel	0.659	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	3.70	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	16.4	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	3.37	0.0500	"	"	"	"	"	"	
Sodium	9.79	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.575	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**SB-11 (10.0')
 2402238-22 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.7		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.164	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.31		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (12.0')
2402238-23 (Soil)**

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHB0604	02/19/24	02/20/24	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	2.2	0.50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0444	111 %	50-150	"	"	"	"	"	
Surrogate: Toluene-d8	0.0406	102 %	50-150	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0351	87.8 %	50-150	"	"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	280	50	mg/kg	1	BHB0600	02/19/24	02/20/24	EPA 8015M	
C28-C36 (ORO)	110	50	"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	9.46	75.7 %	30-150	"	"	"	"	"	

PAH by EPA Method 8270D SIM

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PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (12.0')
2402238-23 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHB0626	02/20/24	02/20/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0107	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: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0306	91.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0201	60.2 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 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: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

**SB-11 (12.0')
2402238-23 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.49	0.200	mg/kg dry	1	BHD0325	04/10/24	04/12/24	EPA 6020B
Barium	20.9	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	2.53	0.400	"	"	"	"	"	"
Lead	2.54	0.200	"	"	"	"	"	"
Nickel	1.37	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	6.29	0.400	"	"	"	"	"	"
Selenium	0.276	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

I-04

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0612	04/18/24	04/18/24	EPA 7196A	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	25.2	0.0500	mg/L dry	1	BHB0636	02/20/24	02/27/24	EPA 6020B	
Magnesium	4.89	0.0500	"	"	"	"	"	"	
Sodium	17.8	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.850	0.00100	units	1	BHB0925	02/29/24	02/29/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

**SB-11 (12.0')
 2402238-23 (Soil)**

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.3		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.291	0.0100	mmhos/cm	1	BHB0667	02/21/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.17		pH Units	1	BHB0666	02/21/24	02/25/24	EPA 9045D	

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 PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

MW-1
2402238-24 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

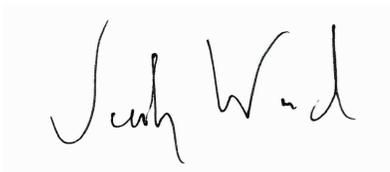
Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHB0481	02/14/24	02/15/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	32	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	9.2	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.4	101 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.9	97.0 %		21-167		"	"	"	"	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHB0481 - EPA 5030 Water MS

Blank (BHB0481-BLK1)

Prepared & Analyzed: 02/14/24

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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.6		"	13.3		102		23-173			
<i>Surrogate: Toluene-d8</i>	13.1		"	13.3		98.4		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.8		"	13.3		95.8		21-167			

LCS (BHB0481-BS1)

Prepared & Analyzed: 02/14/24

Benzene	26.4	1.0	ug/l	25.0		106		51-132			
Toluene	25.5	1.0	"	25.0		102		51-138			
Ethylbenzene	28.9	1.0	"	25.0		115		58-146			
m,p-Xylene	67.4	2.0	"	50.0		135		57-144			
o-Xylene	32.1	1.0	"	25.0		128		53-146			
Naphthalene	20.9	1.0	"	25.0		83.4		70-130			
1,2,4-Trimethylbenzene	25.1	1.0	"	25.0		100		70-130			
1,3,5-Trimethylbenzene	25.3	1.0	"	25.0		101		70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.4		"	13.3		101		23-173			
<i>Surrogate: Toluene-d8</i>	13.4		"	13.3		100		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.7		"	13.3		95.3		21-167			

Matrix Spike (BHB0481-MS1)

Source: 2402225-01

Prepared & Analyzed: 02/14/24

Benzene	36.3	1.0	ug/l	25.0	ND	145		34-141			QM-07
Toluene	35.4	1.0	"	25.0	ND	141		27-151			
Ethylbenzene	39.0	1.0	"	25.0	ND	156		29-160			
m,p-Xylene	77.1	2.0	"	50.0	ND	154		20-166			
o-Xylene	32.4	1.0	"	25.0	ND	129		33-159			
Naphthalene	36.9	1.0	"	25.0	ND	148		70-130			QM-07
1,2,4-Trimethylbenzene	35.3	1.0	"	25.0	ND	141		70-130			QM-07
1,3,5-Trimethylbenzene	35.4	1.0	"	25.0	ND	142		70-130			QM-07
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.8		"	13.3		103		23-173			
<i>Surrogate: Toluene-d8</i>	13.5		"	13.3		102		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.3		"	13.3		92.3		21-167			

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHB0481 - EPA 5030 Water MS

Matrix Spike Dup (BHB0481-MSD1)	Source: 2402225-01			Prepared & Analyzed: 02/14/24						
Benzene	35.8	1.0	ug/l	25.0	ND	143	34-141	1.50	30	QM-07
Toluene	34.9	1.0	"	25.0	ND	140	27-151	1.31	30	
Ethylbenzene	39.1	1.0	"	25.0	ND	156	29-160	0.282	30	
m,p-Xylene	77.0	2.0	"	50.0	ND	154	20-166	0.169	30	
o-Xylene	32.2	1.0	"	25.0	ND	129	33-159	0.527	30	
Naphthalene	37.0	1.0	"	25.0	ND	148	70-130	0.0541	30	QM-07
1,2,4-Trimethylbenzene	35.3	1.0	"	25.0	ND	141	70-130	0.113	30	QM-07
1,3,5-Trimethylbenzene	35.4	1.0	"	25.0	ND	141	70-130	0.170	30	QM-07
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.9</i>		<i>"</i>	<i>13.3</i>		<i>104</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>13.5</i>		<i>"</i>	<i>13.3</i>		<i>101</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.5</i>		<i>"</i>	<i>13.3</i>		<i>94.1</i>	<i>21-167</i>			

Batch BHB0603 - EPA 5030 Soil MS

Blank (BHB0603-BLK1)	Prepared & Analyzed: 02/19/24									
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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0342</i>		<i>"</i>	<i>0.0400</i>		<i>85.6</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0404</i>		<i>"</i>	<i>0.0400</i>		<i>101</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0390</i>		<i>"</i>	<i>0.0400</i>		<i>97.4</i>	<i>50-150</i>			

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

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

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

Batch BHB0603 - EPA 5030 Soil MS

LCS (BHB0603-BS1)

Prepared & Analyzed: 02/19/24

Benzene	0.107	0.0020	mg/kg	0.100		107	70-130			
Toluene	0.104	0.0050	"	0.100		104	70-130			
Ethylbenzene	0.106	0.0050	"	0.100		106	70-130			
m,p-Xylene	0.212	0.010	"	0.200		106	70-130			
o-Xylene	0.102	0.0050	"	0.100		102	70-130			
1,2,4-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130			
1,3,5-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130			
Naphthalene	0.0943	0.0038	"	0.100		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.8	50-150			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	50-150			

Matrix Spike (BHB0603-MS1)

Source: 2402238-01

Prepared & Analyzed: 02/19/24

Benzene	0.104	0.0020	mg/kg	0.100	ND	104	70-130			
Toluene	0.0904	0.0050	"	0.100	ND	90.4	70-130			
Ethylbenzene	0.0815	0.0050	"	0.100	0.110	NR	70-130			QM-05
m,p-Xylene	0.159	0.010	"	0.200	ND	79.7	70-130			
o-Xylene	0.0755	0.0050	"	0.100	ND	75.5	70-130			
1,2,4-Trimethylbenzene	0.0545	0.0050	"	0.100	ND	54.5	70-130			QM-05
1,3,5-Trimethylbenzene	0.0542	0.0050	"	0.100	ND	54.2	70-130			QM-05
Naphthalene	0.0554	0.0038	"	0.100	0.0456	9.78	70-130			QM-05
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.7	50-150			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0744		"	0.0400		186	50-150			S-02

Matrix Spike Dup (BHB0603-MSD1)

Source: 2402238-01

Prepared & Analyzed: 02/19/24

Benzene	0.101	0.0020	mg/kg	0.100	ND	101	70-130	2.96	30	
Toluene	0.0842	0.0050	"	0.100	ND	84.2	70-130	7.15	30	
Ethylbenzene	0.0684	0.0050	"	0.100	0.110	NR	70-130	17.5	30	QM-05
m,p-Xylene	0.134	0.010	"	0.200	ND	67.1	70-130	17.2	30	QM-05
o-Xylene	0.0646	0.0050	"	0.100	ND	64.6	70-130	15.5	30	QM-05
1,2,4-Trimethylbenzene	0.0440	0.0050	"	0.100	ND	44.0	70-130	21.4	30	QM-05
1,3,5-Trimethylbenzene	0.0414	0.0050	"	0.100	ND	41.4	70-130	26.8	30	QM-05
Naphthalene	0.0505	0.0038	"	0.100	0.0456	4.89	70-130	9.23	30	QM-05
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.5	50-150			
Surrogate: Toluene-d8	0.0400		"	0.0400		99.9	50-150			
Surrogate: 4-Bromofluorobenzene	0.0865		"	0.0400		216	50-150			S-02

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHB0604 - EPA 5030 Soil MS

Blank (BHB0604-BLK1)

Prepared & Analyzed: 02/19/24

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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0454</i>		<i>"</i>	<i>0.0400</i>		<i>113</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0364</i>		<i>"</i>	<i>0.0400</i>		<i>91.0</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0377</i>		<i>"</i>	<i>0.0400</i>		<i>94.2</i>	<i>50-150</i>			

LCS (BHB0604-BS1)

Prepared: 02/19/24 Analyzed: 02/20/24

Benzene	0.0896	0.0020	mg/kg	0.100		89.6	70-130			
Toluene	0.106	0.0050	"	0.100		106	70-130			
Ethylbenzene	0.107	0.0050	"	0.100		107	70-130			
m,p-Xylene	0.218	0.010	"	0.200		109	70-130			
o-Xylene	0.108	0.0050	"	0.100		108	70-130			
1,2,4-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130			
1,3,5-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130			
Naphthalene	0.102	0.0038	"	0.100		102	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0470</i>		<i>"</i>	<i>0.0400</i>		<i>118</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0367</i>		<i>"</i>	<i>0.0400</i>		<i>91.6</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0388</i>		<i>"</i>	<i>0.0400</i>		<i>97.0</i>	<i>50-150</i>			

Matrix Spike (BHB0604-MS1)

Source: 2402238-21

Prepared: 02/19/24 Analyzed: 02/20/24

Benzene	0.0716	0.0020	mg/kg	0.100	ND	71.6	70-130			
Toluene	0.0999	0.0050	"	0.100	ND	99.9	70-130			
Ethylbenzene	0.0604	0.0050	"	0.100	ND	60.4	70-130			QM-05
m,p-Xylene	0.123	0.010	"	0.200	ND	61.6	70-130			QM-05
o-Xylene	0.0605	0.0050	"	0.100	ND	60.5	70-130			QM-05
1,2,4-Trimethylbenzene	0.0478	0.0050	"	0.100	ND	47.8	70-130			QM-05
1,3,5-Trimethylbenzene	0.0454	0.0050	"	0.100	ND	45.4	70-130			QM-05
Naphthalene	0.0547	0.0038	"	0.100	ND	54.7	70-130			QM-05
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0470</i>		<i>"</i>	<i>0.0400</i>		<i>118</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0481</i>		<i>"</i>	<i>0.0400</i>		<i>120</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.128</i>		<i>"</i>	<i>0.0400</i>		<i>319</i>	<i>50-150</i>			S-02

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

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

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

Batch BHB0604 - EPA 5030 Soil MS

Matrix Spike Dup (BHB0604-MSD1)	Source: 2402238-21			Prepared: 02/19/24 Analyzed: 02/20/24							
Benzene	0.0735	0.0020	mg/kg	0.100	ND	73.5	70-130	2.73	30		
Toluene	0.0993	0.0050	"	0.100	ND	99.3	70-130	0.602	30		
Ethylbenzene	0.0544	0.0050	"	0.100	ND	54.4	70-130	10.5	30		QM-05
m,p-Xylene	0.112	0.010	"	0.200	ND	55.8	70-130	9.89	30		QM-05
o-Xylene	0.0568	0.0050	"	0.100	ND	56.8	70-130	6.34	30		QM-05
1,2,4-Trimethylbenzene	0.0383	0.0050	"	0.100	ND	38.3	70-130	22.0	30		QM-05
1,3,5-Trimethylbenzene	0.0376	0.0050	"	0.100	ND	37.6	70-130	18.8	30		QM-05
Naphthalene	0.0438	0.0038	"	0.100	ND	43.8	70-130	22.0	30		QM-05
Surrogate: 1,2-Dichloroethane-d4	0.0488		"	0.0400		122	50-150				
Surrogate: Toluene-d8	0.0475		"	0.0400		119	50-150				
Surrogate: 4-Bromofluorobenzene	0.163		"	0.0400		407	50-150				S-02

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHB0599 - EPA 3550A

Blank (BHB0599-BLK1)

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	15.9		"	12.5		127	30-150				

LCS (BHB0599-BS1)

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	398	50	mg/kg	500		79.5	70-130				
Surrogate: <i>o</i> -Terphenyl	10.6		"	12.5		84.6	30-150				

Matrix Spike (BHB0599-MS1)

Source: 2402238-02

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	1090	50	mg/kg	500	731	71.6	70-130				
Surrogate: <i>o</i> -Terphenyl	8.97		"	12.5		71.8	30-150				

Matrix Spike Dup (BHB0599-MSD1)

Source: 2402238-02

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	1250	50	mg/kg	500	731	104	70-130	13.9	20		
Surrogate: <i>o</i> -Terphenyl	8.19		"	12.5		65.5	30-150				

Batch BHB0600 - EPA 3550A

Blank (BHB0600-BLK1)

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	16.2		"	12.5		129	30-150				

LCS (BHB0600-BS1)

Prepared: 02/19/24 Analyzed: 02/20/24

C10-C28 (DRO)	554	50	mg/kg	500		111	70-130				
Surrogate: <i>o</i> -Terphenyl	15.5		"	12.5		124	30-150				

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHB0600 - EPA 3550A

Matrix Spike (BHB0600-MS1)

Source: 2402238-21

Prepared: 02/19/24 Analyzed: 02/20/24

C10-C28 (DRO)	1040	50	mg/kg	500	555	96.1	70-130			
Surrogate: o-Terphenyl	13.5		"	12.5		108	30-150			

Matrix Spike Dup (BHB0600-MSD1)

Source: 2402238-21

Prepared: 02/19/24 Analyzed: 02/20/24

C10-C28 (DRO)	932	50	mg/kg	500	555	75.4	70-130	10.5	20	
Surrogate: o-Terphenyl	10.2		"	12.5		81.3	30-150			

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PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0625 - EPA 5030 Soil MS

Blank (BHB0625-BLK1)

Prepared: 02/20/24 Analyzed: 02/21/24

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	"							
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0427</i>		"	<i>0.0333</i>		<i>128</i>	<i>40-150</i>			
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0316</i>		"	<i>0.0333</i>		<i>94.8</i>	<i>40-150</i>			

LCS (BHB0625-BS1)

Prepared: 02/20/24 Analyzed: 02/21/24

Acenaphthene	0.0302	0.00500	mg/kg	0.0333	90.7	31-137
Anthracene	0.0273	0.00500	"	0.0333	82.0	30-120
Benzo (a) anthracene	0.0255	0.00500	"	0.0333	76.4	30-120
Benzo (a) pyrene	0.0282	0.00500	"	0.0333	84.6	30-120
Benzo (b) fluoranthene	0.0266	0.00500	"	0.0333	79.9	30-120
Benzo (k) fluoranthene	0.0285	0.00500	"	0.0333	85.6	30-120
Chrysene	0.0287	0.00500	"	0.0333	86.1	30-120
Dibenz (a,h) anthracene	0.0256	0.00500	"	0.0333	76.9	30-120
Fluoranthene	0.0297	0.00500	"	0.0333	89.0	30-120
Fluorene	0.0305	0.00500	"	0.0333	91.6	30-120
Indeno (1,2,3-cd) pyrene	0.0289	0.00500	"	0.0333	86.6	30-120
Pyrene	0.0294	0.00500	"	0.0333	88.2	35-142
1-Methylnaphthalene	0.0312	0.00500	"	0.0333	93.6	35-142
2-Methylnaphthalene	0.0347	0.00500	"	0.0333	104	35-142
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0288</i>		"	<i>0.0333</i>	<i>86.4</i>	<i>40-150</i>
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0305</i>		"	<i>0.0333</i>	<i>91.5</i>	<i>40-150</i>

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0625 - EPA 5030 Soil MS

Matrix Spike (BHB0625-MS1)	Source: 2402238-04			Prepared: 02/20/24 Analyzed: 02/21/24							
Acenaphthene	0.0182	0.00500	mg/kg	0.0333	ND	54.6	31-137				
Anthracene	0.0173	0.00500	"	0.0333	ND	51.8	30-120				
Benzo (a) anthracene	0.0168	0.00500	"	0.0333	ND	50.3	30-120				
Benzo (a) pyrene	0.0171	0.00500	"	0.0333	ND	51.4	30-120				
Benzo (b) fluoranthene	0.0172	0.00500	"	0.0333	ND	51.5	30-120				
Benzo (k) fluoranthene	0.0179	0.00500	"	0.0333	ND	53.6	30-120				
Chrysene	0.0192	0.00500	"	0.0333	ND	57.6	30-120				
Dibenz (a,h) anthracene	0.0178	0.00500	"	0.0333	ND	53.4	30-120				
Fluoranthene	0.0184	0.00500	"	0.0333	ND	55.1	30-120				
Fluorene	0.0182	0.00500	"	0.0333	ND	54.7	30-120				
Indeno (1,2,3-cd) pyrene	0.0200	0.00500	"	0.0333	ND	60.1	30-120				
Pyrene	0.0184	0.00500	"	0.0333	ND	55.2	35-142				
1-Methylnaphthalene	0.0172	0.00500	"	0.0333	ND	51.5	15-130				
2-Methylnaphthalene	0.0195	0.00500	"	0.0333	ND	58.6	15-130				
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0186</i>		<i>"</i>	<i>0.0333</i>		<i>55.9</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0177</i>		<i>"</i>	<i>0.0333</i>		<i>53.0</i>	<i>40-150</i>				

Matrix Spike Dup (BHB0625-MSD1)	Source: 2402238-04			Prepared: 02/20/24 Analyzed: 02/21/24							
Acenaphthene	0.0185	0.00500	mg/kg	0.0333	ND	55.4	31-137	1.49	30		
Anthracene	0.0191	0.00500	"	0.0333	ND	57.4	30-120	10.2	30		
Benzo (a) anthracene	0.0188	0.00500	"	0.0333	ND	56.5	30-120	11.6	30		
Benzo (a) pyrene	0.0193	0.00500	"	0.0333	ND	57.8	30-120	11.6	30		
Benzo (b) fluoranthene	0.0191	0.00500	"	0.0333	ND	57.3	30-120	10.8	30		
Benzo (k) fluoranthene	0.0189	0.00500	"	0.0333	ND	56.8	30-120	5.71	30		
Chrysene	0.0211	0.00500	"	0.0333	ND	63.3	30-120	9.42	30		
Dibenz (a,h) anthracene	0.0200	0.00500	"	0.0333	ND	60.1	30-120	11.7	30		
Fluoranthene	0.0199	0.00500	"	0.0333	ND	59.6	30-120	7.88	30		
Fluorene	0.0203	0.00500	"	0.0333	ND	60.8	30-120	10.6	30		
Indeno (1,2,3-cd) pyrene	0.0224	0.00500	"	0.0333	ND	67.2	30-120	11.3	30		
Pyrene	0.0187	0.00500	"	0.0333	ND	56.2	35-142	1.84	30		
1-Methylnaphthalene	0.0167	0.00500	"	0.0333	ND	50.1	15-130	2.74	50		
2-Methylnaphthalene	0.0195	0.00500	"	0.0333	ND	58.6	15-130	0.0580	50		
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0183</i>		<i>"</i>	<i>0.0333</i>		<i>55.0</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0194</i>		<i>"</i>	<i>0.0333</i>		<i>58.3</i>	<i>40-150</i>				

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0626 - EPA 5030 Soil MS

Blank (BHB0626-BLK1)

Prepared & Analyzed: 02/20/24

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	"							
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0343</i>		"	<i>0.0333</i>		<i>103</i>		<i>40-150</i>		
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0268</i>		"	<i>0.0333</i>		<i>80.4</i>		<i>40-150</i>		

LCS (BHB0626-BS1)

Prepared & Analyzed: 02/20/24

Acenaphthene	0.0267	0.00500	mg/kg	0.0333		80.2		31-137		
Anthracene	0.0264	0.00500	"	0.0333		79.1		30-120		
Benzo (a) anthracene	0.0275	0.00500	"	0.0333		82.5		30-120		
Benzo (a) pyrene	0.0259	0.00500	"	0.0333		77.6		30-120		
Benzo (b) fluoranthene	0.0255	0.00500	"	0.0333		76.6		30-120		
Benzo (k) fluoranthene	0.0263	0.00500	"	0.0333		79.0		30-120		
Chrysene	0.0273	0.00500	"	0.0333		81.8		30-120		
Dibenz (a,h) anthracene	0.0229	0.00500	"	0.0333		68.8		30-120		
Fluoranthene	0.0272	0.00500	"	0.0333		81.6		30-120		
Fluorene	0.0274	0.00500	"	0.0333		82.3		30-120		
Indeno (1,2,3-cd) pyrene	0.0237	0.00500	"	0.0333		71.0		30-120		
Pyrene	0.0309	0.00500	"	0.0333		92.8		35-142		
1-Methylnaphthalene	0.0251	0.00500	"	0.0333		75.3		35-142		
2-Methylnaphthalene	0.0306	0.00500	"	0.0333		91.7		35-142		
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0269</i>		"	<i>0.0333</i>		<i>80.6</i>		<i>40-150</i>		
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0279</i>		"	<i>0.0333</i>		<i>83.6</i>		<i>40-150</i>		

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0626 - EPA 5030 Soil MS

Matrix Spike (BHB0626-MS1)	Source: 2402238-22			Prepared & Analyzed: 02/20/24							
Acenaphthene	0.0206	0.00500	mg/kg	0.0333	ND	61.7	31-137				
Anthracene	0.0215	0.00500	"	0.0333	ND	64.6	30-120				
Benzo (a) anthracene	0.0239	0.00500	"	0.0333	ND	71.8	30-120				
Benzo (a) pyrene	0.0226	0.00500	"	0.0333	ND	67.7	30-120				
Benzo (b) fluoranthene	0.0201	0.00500	"	0.0333	ND	60.2	30-120				
Benzo (k) fluoranthene	0.0192	0.00500	"	0.0333	ND	57.5	30-120				
Chrysene	0.0211	0.00500	"	0.0333	ND	63.4	30-120				
Dibenz (a,h) anthracene	0.0225	0.00500	"	0.0333	ND	67.4	30-120				
Fluoranthene	0.0215	0.00500	"	0.0333	ND	64.4	30-120				
Fluorene	0.0213	0.00500	"	0.0333	ND	64.0	30-120				
Indeno (1,2,3-cd) pyrene	0.0222	0.00500	"	0.0333	ND	66.6	30-120				
Pyrene	0.0255	0.00500	"	0.0333	ND	76.6	35-142				
1-Methylnaphthalene	0.0161	0.00500	"	0.0333	ND	48.3	15-130				
2-Methylnaphthalene	0.0214	0.00500	"	0.0333	ND	64.2	15-130				
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0177</i>		<i>"</i>	<i>0.0333</i>		<i>53.1</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0226</i>		<i>"</i>	<i>0.0333</i>		<i>67.8</i>	<i>40-150</i>				

Matrix Spike Dup (BHB0626-MSD1)	Source: 2402238-22			Prepared & Analyzed: 02/20/24							
Acenaphthene	0.0208	0.00500	mg/kg	0.0333	ND	62.3	31-137	0.954	30		
Anthracene	0.0211	0.00500	"	0.0333	ND	63.4	30-120	1.89	30		
Benzo (a) anthracene	0.0237	0.00500	"	0.0333	ND	71.0	30-120	1.10	30		
Benzo (a) pyrene	0.0228	0.00500	"	0.0333	ND	68.5	30-120	1.15	30		
Benzo (b) fluoranthene	0.0206	0.00500	"	0.0333	ND	61.7	30-120	2.43	30		
Benzo (k) fluoranthene	0.0191	0.00500	"	0.0333	ND	57.2	30-120	0.593	30		
Chrysene	0.0208	0.00500	"	0.0333	ND	62.3	30-120	1.79	30		
Dibenz (a,h) anthracene	0.0240	0.00500	"	0.0333	ND	72.0	30-120	6.62	30		
Fluoranthene	0.0208	0.00500	"	0.0333	ND	62.4	30-120	3.15	30		
Fluorene	0.0211	0.00500	"	0.0333	ND	63.3	30-120	1.10	30		
Indeno (1,2,3-cd) pyrene	0.0243	0.00500	"	0.0333	ND	73.0	30-120	9.08	30		
Pyrene	0.0247	0.00500	"	0.0333	ND	74.2	35-142	3.16	30		
1-Methylnaphthalene	0.0193	0.00500	"	0.0333	ND	57.8	15-130	18.0	50		
2-Methylnaphthalene	0.0232	0.00500	"	0.0333	ND	69.7	15-130	8.20	50		
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0211</i>		<i>"</i>	<i>0.0333</i>		<i>63.4</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0220</i>		<i>"</i>	<i>0.0333</i>		<i>65.9</i>	<i>40-150</i>				

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

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

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

Batch BHB0889 - EPA 3050B

Blank (BHB0889-BLK1)		Prepared: 02/28/24 Analyzed: 03/01/24								
Boron	ND	2.00	mg/L							
LCS (BHB0889-BS1)		Prepared: 02/28/24 Analyzed: 03/01/24								
Boron	4.68	2.00	mg/L	5.00		93.6	80-120			
Duplicate (BHB0889-DUP1)		Source: 2402238-01		Prepared: 02/28/24 Analyzed: 03/01/24						
Boron	0.0290	2.00	mg/L		0.0356			20.4	20	QR-01
Matrix Spike (BHB0889-MS1)		Source: 2402238-01		Prepared: 02/28/24 Analyzed: 03/01/24						
Boron	4.81	2.00	mg/L	5.00	0.0356	95.5	75-125			
Matrix Spike Dup (BHB0889-MSD1)		Source: 2402238-01		Prepared: 02/28/24 Analyzed: 03/01/24						
Boron	4.92	2.00	mg/L	5.00	0.0356	97.6	75-125	2.16	25	

Batch BHB0910 - EPA 3050B

Blank (BHB0910-BLK1)		Prepared: 02/29/24 Analyzed: 03/02/24								
Boron	ND	2.00	mg/L							
LCS (BHB0910-BS1)		Prepared: 02/29/24 Analyzed: 03/02/24								
Boron	6.03	2.00	mg/L	5.00		121	80-120			QLCS-01
Duplicate (BHB0910-DUP1)		Source: 2402238-21		Prepared: 02/29/24 Analyzed: 03/02/24						
Boron	0.0308	2.00	mg/L		0.0345			11.6	20	
Matrix Spike (BHB0910-MS1)		Source: 2402238-21		Prepared: 02/29/24 Analyzed: 03/02/24						
Boron	5.27	2.00	mg/L	5.00	0.0345	105	75-125			

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 PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

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

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

Batch BHB0910 - EPA 3050B

Matrix Spike Dup (BHB0910-MSD1)

Source: 2402238-21

Prepared: 02/29/24 Analyzed: 03/02/24

Boron	5.37	2.00	mg/L	5.00	0.0345	107	75-125	1.78	25	
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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Total Metals by EPA 6020B - Quality Control
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Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHD0324 - EPA 3050B

Blank (BHD0324-BLK1)

Prepared: 04/10/24 Analyzed: 04/12/24

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 (BHD0324-BS1)

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	38.5	0.200	mg/kg wet	40.0		96.2	80-120			
Barium	40.4	0.400	"	40.0		101	80-120			
Cadmium	1.98	0.200	"	2.00		99.2	80-120			
Copper	40.3	0.400	"	40.0		101	80-120			
Lead	20.5	0.200	"	20.0		102	80-120			
Nickel	34.9	0.400	"	40.0		87.2	80-120			
Silver	1.98	0.0200	"	2.00		99.2	80-120			
Zinc	38.5	0.400	"	40.0		96.3	80-120			
Selenium	3.94	0.260	"	4.00		98.5	80-120			

Duplicate (BHD0324-DUP1)

Source: 2402238-01

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	1.90	0.200	mg/kg dry		2.16			13.2	20	
Barium	14.0	0.400	"		13.2			6.20	20	
Cadmium	0.0339	0.200	"		0.0430			23.7	20	QR-01
Copper	0.683	0.400	"		1.02			39.2	20	QR-01
Lead	2.35	0.200	"		3.49			39.0	20	QR-04
Nickel	ND	0.400	"		ND				20	
Silver	0.00327	0.0200	"		0.00402			20.7	20	QR-01
Zinc	3.11	0.400	"		3.59			14.4	20	
Selenium	ND	0.260	"		ND				20	

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PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Total Metals by EPA 6020B - Quality Control
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Analyte	Reporting			Spike	Source		%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch BHD0324 - EPA 3050B

Matrix Spike (BHD0324-MS1)

Source: 2402238-01

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	20.3	0.200	mg/kg dry	38.7	2.16	46.9	75-125				QM-07
Barium	56.6	0.400	"	38.7	13.2	112	75-125				
Cadmium	2.05	0.200	"	1.94	0.0430	103	75-125				
Copper	20.2	0.400	"	38.7	1.02	49.6	75-125				QM-07
Lead	22.6	0.200	"	19.4	3.49	98.6	75-125				
Nickel	14.9	0.400	"	38.7	ND	38.4	75-125				QM-07
Silver	1.94	0.0200	"	1.94	0.00402	100	75-125				
Zinc	22.0	0.400	"	38.7	3.59	47.5	75-125				QM-07
Selenium	3.63	0.260	"	3.87	ND	93.8	75-125				

Matrix Spike Dup (BHD0324-MSD1)

Source: 2402238-01

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	20.4	0.200	mg/kg dry	38.7	2.16	47.1	75-125	0.359	25		QM-07
Barium	56.7	0.400	"	38.7	13.2	112	75-125	0.286	25		
Cadmium	2.02	0.200	"	1.94	0.0430	102	75-125	1.10	25		
Copper	20.3	0.400	"	38.7	1.02	49.8	75-125	0.329	25		QM-07
Lead	22.6	0.200	"	19.4	3.49	98.5	75-125	0.0875	25		
Nickel	15.0	0.400	"	38.7	ND	38.8	75-125	1.19	25		QM-07
Silver	1.95	0.0200	"	1.94	0.00402	101	75-125	0.596	25		
Zinc	22.1	0.400	"	38.7	3.59	47.9	75-125	0.739	25		QM-07
Selenium	3.64	0.260	"	3.87	ND	93.9	75-125	0.0959	25		

Batch BHD0325 - EPA 3050B

Blank (BHD0325-BLK1)

Prepared: 04/10/24 Analyzed: 04/12/24

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	"								

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Fremont Environmental
PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHD0325 - EPA 3050B

LCS (BHD0325-BS1)

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	37.2	0.200	mg/kg wet	40.0		93.1	80-120			
Barium	37.6	0.400	"	40.0		94.0	80-120			
Cadmium	1.89	0.200	"	2.00		94.6	80-120			
Copper	37.7	0.400	"	40.0		94.2	80-120			
Lead	18.6	0.200	"	20.0		92.9	80-120			
Nickel	37.1	0.400	"	40.0		92.8	80-120			
Silver	1.90	0.0200	"	2.00		94.9	80-120			
Zinc	38.5	0.400	"	40.0		96.2	80-120			
Selenium	4.03	0.260	"	4.00		101	80-120			

Duplicate (BHD0325-DUP1)

Source: 2402238-21

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	7.13	0.200	mg/kg dry		7.27			1.97	20	
Barium	16.4	0.400	"		16.2			0.947	20	
Cadmium	0.219	0.200	"		0.197			10.6	20	
Copper	4.86	0.400	"		4.80			1.39	20	
Lead	4.46	0.200	"		4.26			4.51	20	
Nickel	3.52	0.400	"		3.60			2.01	20	
Silver	0.00944	0.0200	"		0.00616			42.1	20	QR-01
Zinc	9.29	0.400	"		8.41			9.97	20	
Selenium	0.503	0.260	"		0.430			15.6	20	

Matrix Spike (BHD0325-MS1)

Source: 2402238-21

Prepared: 04/10/24 Analyzed: 04/12/24

Arsenic	42.3	0.200	mg/kg dry	39.3	7.27	89.0	75-125			
Barium	51.0	0.400	"	39.3	16.2	88.4	75-125			
Cadmium	2.05	0.200	"	1.97	0.197	94.3	75-125			
Copper	41.2	0.400	"	39.3	4.80	92.4	75-125			
Lead	21.1	0.200	"	19.7	4.26	85.6	75-125			
Nickel	39.5	0.400	"	39.3	3.60	91.4	75-125			
Silver	1.95	0.0200	"	1.97	0.00616	98.7	75-125			
Zinc	39.9	0.400	"	39.3	8.41	80.0	75-125			
Selenium	4.49	0.260	"	3.93	0.430	103	75-125			

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHD0325 - EPA 3050B

Matrix Spike Dup (BHD0325-MSD1)	Source: 2402238-21			Prepared: 04/10/24 Analyzed: 04/12/24					
Arsenic	44.1	0.200	mg/kg dry	39.3	7.27	93.6	75-125	4.21	25
Barium	57.1	0.400	"	39.3	16.2	104	75-125	11.3	25
Cadmium	2.32	0.200	"	1.97	0.197	108	75-125	12.2	25
Copper	42.9	0.400	"	39.3	4.80	96.8	75-125	4.14	25
Lead	24.0	0.200	"	19.7	4.26	101	75-125	13.1	25
Nickel	41.1	0.400	"	39.3	3.60	95.4	75-125	3.94	25
Silver	2.15	0.0200	"	1.97	0.00616	109	75-125	10.0	25
Zinc	43.8	0.400	"	39.3	8.41	90.0	75-125	9.35	25
Selenium	5.15	0.260	"	3.93	0.430	120	75-125	13.6	25

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BHD0612 - 3060A Mod

Blank (BHD0612-BLK1)

Prepared & Analyzed: 04/18/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHD0612-BS1)

Prepared & Analyzed: 04/18/24

Chromium, Hexavalent 25.5 0.30 mg/kg wet 25.0 102 80-120

Duplicate (BHD0612-DUP1)

Source: 2402238-01

Prepared & Analyzed: 04/18/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHD0612-MS1)

Source: 2402238-01

Prepared & Analyzed: 04/18/24

Chromium, Hexavalent 26.3 0.30 mg/kg dry 25.9 ND 101 75-125

Matrix Spike Dup (BHD0612-MSD1)

Source: 2402238-01

Prepared & Analyzed: 04/18/24

Chromium, Hexavalent 26.3 0.30 mg/kg dry 25.9 ND 101 75-125 0.00 20

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

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

Summit Scientific

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

Batch BHB0636 - General Preparation

Blank (BHB0636-BLK1)

Prepared: 02/20/24 Analyzed: 02/27/24

Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							

LCS (BHB0636-BS1)

Prepared: 02/20/24 Analyzed: 02/27/24

Calcium	5.36	0.0500	mg/L wet	5.00		107	70-130			
Magnesium	5.05	0.0500	"	5.00		101	70-130			
Sodium	5.07	0.0500	"	5.00		101	70-130			

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 PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

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

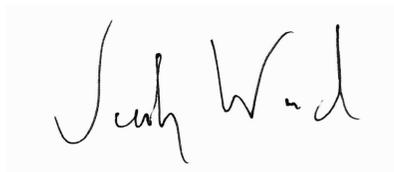
Batch BHB0839 - General Preparation

Duplicate (BHB0839-DUP1)		Source: 2402078-01		Prepared: 02/27/24 Analyzed: 02/28/24					
% Solids	86.0		%		87.4	1.71	20		

Batch BHB0840 - General Preparation

Duplicate (BHB0840-DUP1)		Source: 2402238-22		Prepared: 02/27/24 Analyzed: 02/28/24					
% Solids	97.1		%		96.7	0.421	20		

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Fremont Environmental
 PO Box 1289
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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

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

Batch BHB0667 - General Preparation

Blank (BHB0667-BLK1)

Prepared: 02/21/24 Analyzed: 02/25/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHB0667-BS1)

Prepared: 02/21/24 Analyzed: 02/25/24

Specific Conductance (EC) 0.146 0.0100 mmhos/cm 0.150 97.5 95-105

Duplicate (BHB0667-DUP1)

Source: 2402238-01

Prepared: 02/21/24 Analyzed: 02/25/24

Specific Conductance (EC) 0.428 0.0100 mmhos/cm 0.435 1.53 20

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Project: Trebor B 12-5,19

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/22/24 09:15

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

Summit Scientific

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

Batch BHB0666 - General Preparation

LCS (BHB0666-BS1)

Prepared: 02/21/24 Analyzed: 02/25/24

pH	9.09	pH Units	9.18	99.0	95-105
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Duplicate (BHB0666-DUP1)

Source: 2402238-01

Prepared: 02/21/24 Analyzed: 02/25/24

pH	7.84	pH Units	7.73	1.41	20
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Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/22/24 09:15

Notes and Definitions

- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- 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-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.
- QLCS-01 The spike recovery was outside acceptance limits for this analyte indicating a potential high bias. The corresponding samples did not exhibit concentrations above reporting level for this analyte. Data quality is not affected.
- I-04 Sample was analyzed out of recommended holding time per clients request.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- 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

April 16, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Trebor B 12-5,19 (Backgrounds)

Work Order #2402239

Enclosed are the results of analyses for samples received by Summit Scientific on 02/13/24 15:53. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and "W".

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG01@10.0'	2402239-01	Soil	02/13/24 00:00	02/13/24 15:53
BKG01@11.0'	2402239-02	Soil	02/13/24 00:00	02/13/24 15:53
BKG02@10.0'	2402239-03	Soil	02/13/24 00:00	02/13/24 15:53
BKG02@11.0'	2402239-04	Soil	02/13/24 00:00	02/13/24 15:53
BKG03@10.0'	2402239-05	Soil	02/13/24 00:00	02/13/24 15:53
BKG03@11.0'	2402239-06	Soil	02/13/24 00:00	02/13/24 15:53
BKG04@10.0'	2402239-07	Soil	02/13/24 00:00	02/13/24 15:53
BKG04@11.0'	2402239-08	Soil	02/13/24 00:00	02/13/24 15:53
BKG05@10.0'	2402239-09	Soil	02/13/24 00:00	02/13/24 15:53
BKG05@11.0'	2402239-10	Soil	02/13/24 00:00	02/13/24 15:53

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.

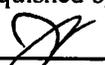
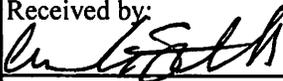
SUMMIT SCIENTIFIC

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

Lab ID	Page 1 of 1
2402239	

Client: Fremont Env	Project Manager: Paul Henahan	Company:
Address:	E-Mail: Paulh@fremontenv.com	Project Name/Location:
City/State/Zip:	Jeff@fremontenv.com Ethan@fremontenv.com	AFE#:
Phone:	Project Name: Trebor B 12-5,19 (Backgrounds)	PO/Billing Codes: UWRWE-22087-ABN
Sampler Name: J6	Project Number:	Contact:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	EC, pH, SAR, Boron	Metals (915)		
1	BK601@10.0'	2/13/24		1			X			X			X	X		
2	BK601@11.0'	↓		↓			↓			↓			↓	↓		
3	BK602@10.0'	↓		↓			↓			↓			↓	↓		
4	BK602@11.0'	↓		↓			↓			↓			↓	↓		
5	BK603@10.0'	↓		↓			↓			↓			↓	↓		
6	BK603@11.0'	↓		↓			↓			↓			↓	↓		
7	BK604@10.0'	↓		↓			↓			↓			↓	↓		
8	BK604@11.0'	↓		↓			↓			↓			↓	↓		
9	BK605@10.0'	↓		↓			↓			↓			↓	↓		
10	BK605@11.0'	↓		↓			↓			↓			↓	↓		
11																
12																
13																
14																
15																

Relinquished by: 	Date/Time: 2/13/24	Received by: 	Date/Time: 2/13/24 15:53	TAT Business Days	Field DO	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	Field EC	
				1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
				Standard	<input checked="" type="checkbox"/> Field Turb.	
Temperature Upon Receipt: 6-7	Corrected Temperature:	IR gun #: 2	HNO3 lot #:			

S₂

Sample Receipt Checklist

S2 Work Order# 2402239

Client: Fremont Client Project ID: Trebot B 12-5, 19 (Backgrounds)

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other [] Airbill #: []

Matrix (Check all that apply) Air [] Soil/Solid [] Water [] Other []

Temp (°C) 16.7 Thermometer # []

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°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"/>	in cooler
If custody seals are present, are they intact? (1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no time sampled
Is the COC properly relinquished by the client w/ date and time recorded? (1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no time relinquished
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 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 ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 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 2/13/24 Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG01@10.0'
2402239-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	2.53	0.200		mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	57.6	0.400		"	"	"	"	"	"	
Cadmium	ND	0.200		"	"	"	"	"	"	
Copper	3.46	0.400		"	"	"	"	"	"	
Lead	3.94	0.200		"	"	"	"	"	"	
Nickel	3.21	0.400		"	"	"	"	"	"	
Silver	ND	0.0200		"	"	"	"	"	"	
Zinc	11.0	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	5.86	0.0500		mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	1.39	0.0500		"	"	"	"	"	"	
Sodium	1.50	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.145	0.00100		units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG01@10.0'
2402239-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.6		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.495	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.93		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG01@11.0'
2402239-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	5.36	0.200	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	31.8	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	2.79	0.400	"	"	"	"	"	"	
Lead	4.21	0.200	"	"	"	"	"	"	
Nickel	2.37	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	8.58	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	2.04	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.380	0.0500	"	"	"	"	"	"	
Sodium	0.253	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0427	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG01@11.0'
2402239-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.0		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.159	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.00		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG02@10.0'
2402239-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.50	0.180	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	21.7	0.360	"	"	"	"	"	"	
Cadmium	ND	0.180	"	"	"	"	"	"	
Copper	1.33	0.360	"	"	"	"	"	"	
Lead	2.05	0.180	"	"	"	"	"	"	
Nickel	1.41	0.360	"	"	"	"	"	"	
Silver	ND	0.0180	"	"	"	"	"	"	
Zinc	5.63	0.360	"	"	"	"	"	"	
Selenium	ND	0.234	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	5.74	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	1.36	0.0500	"	"	"	"	"	"	
Sodium	1.40	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.136	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG02@10.0'
2402239-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.0		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.754	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.72		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG02@11.0'
2402239-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.47	0.200	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	26.6	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	2.03	0.400	"	"	"	"	"	"	
Lead	3.75	0.200	"	"	"	"	"	"	
Nickel	1.66	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	6.75	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	2.21	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.349	0.0500	"	"	"	"	"	"	
Sodium	0.245	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0404	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG02@11.0'
2402239-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.9		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.173	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.89		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG03@10.0'
2402239-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	9.66	0.200	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	45.4	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	4.89	0.400	"	"	"	"	"	"	
Lead	8.41	0.200	"	"	"	"	"	"	
Nickel	3.79	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	13.2	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	6.02	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	1.68	0.0500	"	"	"	"	"	"	
Sodium	0.814	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0756	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG03@10.0'
2402239-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.8		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

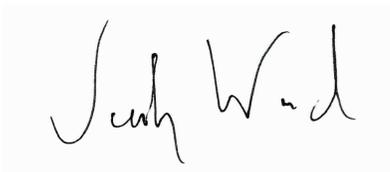
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.304	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.60		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG03@11.0'
2402239-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	3.87	0.200		mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	9.66	0.400		"	"	"	"	"	"	
Cadmium	ND	0.200		"	"	"	"	"	"	
Copper	1.98	0.400		"	"	"	"	"	"	
Lead	4.38	0.200		"	"	"	"	"	"	
Nickel	1.41	0.400		"	"	"	"	"	"	
Silver	ND	0.0200		"	"	"	"	"	"	
Zinc	6.14	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	1.26	0.0500		mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.269	0.0500		"	"	"	"	"	"	
Sodium	0.232	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0489	0.00100		units	1	BHC0092	03/05/24	03/05/24	Calculation	

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: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG03@11.0'
2402239-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.3		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

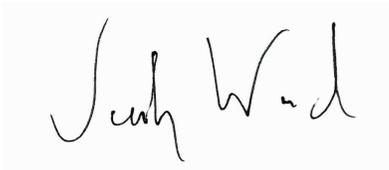
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.165	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.87		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG04@10.0'
2402239-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	9.32	0.200	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	54.3	0.400	"	"	"	"	"	"	
Cadmium	0.233	0.200	"	"	"	"	"	"	
Copper	4.62	0.400	"	"	"	"	"	"	
Lead	11.7	0.200	"	"	"	"	"	"	
Nickel	3.94	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	13.0	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	4.30	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	1.07	0.0500	"	"	"	"	"	"	
Sodium	0.618	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0691	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG04@10.0'
2402239-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.9		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

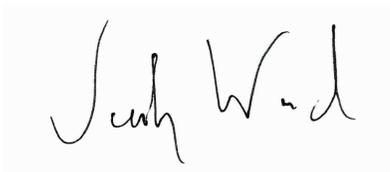
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.168	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.35		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG04@11.0'
2402239-08 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.90	0.200	mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	19.2	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	1.46	0.400	"	"	"	"	"	"	
Lead	2.25	0.200	"	"	"	"	"	"	
Nickel	1.19	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	5.64	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	2.13	0.0500	mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.391	0.0500	"	"	"	"	"	"	
Sodium	0.252	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0417	0.00100	units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG04@11.0'
2402239-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.7		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.190	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.83		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG05@10.0'
2402239-09 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	1.43	0.181		mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	7.09	0.362		"	"	"	"	"	"	
Cadmium	ND	0.181		"	"	"	"	"	"	
Copper	1.13	0.362		"	"	"	"	"	"	
Lead	1.60	0.181		"	"	"	"	"	"	
Nickel	1.04	0.362		"	"	"	"	"	"	
Silver	ND	0.0181		"	"	"	"	"	"	
Zinc	5.08	0.362		"	"	"	"	"	"	
Selenium	ND	0.236		"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	0.977	0.0500		mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.304	0.0500		"	"	"	"	"	"	
Sodium	0.196	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0444	0.00100		units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG05@10.0'
2402239-09 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.3		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

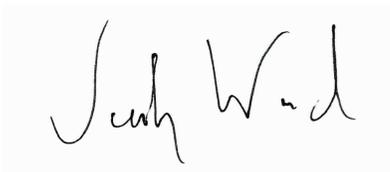
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.0963	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.19		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

BKG05@11.0'
2402239-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHB0910	02/29/24	03/02/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	3.81	0.200		mg/kg dry	1	BHD0243	04/08/24	04/13/24	EPA 6020B	
Barium	27.9	0.400		"	"	"	"	"	"	
Cadmium	ND	0.200		"	"	"	"	"	"	
Copper	2.21	0.400		"	"	"	"	"	"	
Lead	3.81	0.200		"	"	"	"	"	"	
Nickel	1.91	0.400		"	"	"	"	"	"	
Silver	ND	0.0200		"	"	"	"	"	"	
Zinc	9.88	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	1.33	0.0500		mg/L dry	1	BHB0672	02/21/24	02/29/24	EPA 6020B	
Magnesium	0.318	0.0500		"	"	"	"	"	"	
Sodium	0.261	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0528	0.00100		units	1	BHC0092	03/05/24	03/05/24	Calculation	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

BKG05@11.0'
2402239-10 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.2		%	1	BHB0840	02/27/24	02/28/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **02/13/24 00:00**

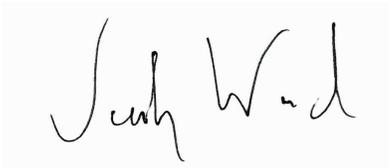
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.172	0.0100	mmhos/cm	1	BHB0728	02/22/24	02/25/24	EPA 120.1	

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

Date Sampled: **02/13/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.83		pH Units	1	BHB0729	02/22/24	02/25/24	EPA 9045D	

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

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

Summit Scientific

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

Batch BHB0910 - EPA 3050B

Blank (BHB0910-BLK1)

Prepared: 02/29/24 Analyzed: 03/02/24

Boron ND 2.00 mg/L

LCS (BHB0910-BS1)

Prepared: 02/29/24 Analyzed: 03/02/24

Boron 6.03 2.00 mg/L 5.00 121 80-120 QLCS-01

Duplicate (BHB0910-DUP1)

Source: 2402238-21

Prepared: 02/29/24 Analyzed: 03/02/24

Boron 0.0308 2.00 mg/L 0.0345 11.6 20

Matrix Spike (BHB0910-MS1)

Source: 2402238-21

Prepared: 02/29/24 Analyzed: 03/02/24

Boron 5.27 2.00 mg/L 5.00 0.0345 105 75-125

Matrix Spike Dup (BHB0910-MSD1)

Source: 2402238-21

Prepared: 02/29/24 Analyzed: 03/02/24

Boron 5.37 2.00 mg/L 5.00 0.0345 107 75-125 1.78 25

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: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHD0243 - EPA 3050B

Blank (BHD0243-BLK1)

Prepared: 04/08/24 Analyzed: 04/13/24

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 (BHD0243-BS1)

Prepared: 04/08/24 Analyzed: 04/13/24

Arsenic	37.6	0.200	mg/kg wet	40.0		93.9	80-120
Barium	39.9	0.400	"	40.0		99.8	80-120
Cadmium	1.89	0.200	"	2.00		94.3	80-120
Copper	37.1	0.400	"	40.0		92.8	80-120
Lead	19.3	0.200	"	20.0		96.3	80-120
Nickel	36.9	0.400	"	40.0		92.2	80-120
Silver	1.94	0.0200	"	2.00		96.9	80-120
Zinc	36.7	0.400	"	40.0		91.7	80-120
Selenium	3.82	0.260	"	4.00		95.6	80-120

Duplicate (BHD0243-DUP1)

Source: 2402222-01

Prepared: 04/08/24 Analyzed: 04/13/24

Arsenic	1.64	0.200	mg/kg dry	1.72		4.46	20
Barium	45.0	0.400	"	44.2		1.66	20
Cadmium	0.211	0.200	"	0.207		2.13	20
Copper	3.89	0.400	"	3.93		0.813	20
Lead	5.28	0.200	"	5.38		1.87	20
Nickel	3.47	0.400	"	3.41		1.78	20
Silver	0.0154	0.0200	"	0.0152		1.02	20
Zinc	16.5	0.400	"	17.0		3.01	20
Selenium	ND	0.260	"	ND			20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHD0243 - EPA 3050B

Matrix Spike (BHD0243-MS1)

Source: 2402222-01

Prepared: 04/08/24 Analyzed: 04/13/24

Arsenic	42.5	0.200	mg/kg dry	41.6	1.72	98.1	75-125			
Barium	84.6	0.400	"	41.6	44.2	96.9	75-125			
Cadmium	2.33	0.200	"	2.08	0.207	102	75-125			
Copper	44.3	0.400	"	41.6	3.93	97.1	75-125			
Lead	26.2	0.200	"	20.8	5.38	99.9	75-125			
Nickel	43.8	0.400	"	41.6	3.41	97.1	75-125			
Silver	2.06	0.0200	"	2.08	0.0152	98.2	75-125			
Zinc	57.5	0.400	"	41.6	17.0	97.4	75-125			
Selenium	3.74	0.260	"	4.16	ND	89.9	75-125			

Matrix Spike Dup (BHD0243-MSD1)

Source: 2402222-01

Prepared: 04/08/24 Analyzed: 04/13/24

Arsenic	42.0	0.200	mg/kg dry	41.6	1.72	96.7	75-125	1.40	25
Barium	84.8	0.400	"	41.6	44.2	97.5	75-125	0.281	25
Cadmium	2.33	0.200	"	2.08	0.207	102	75-125	0.161	25
Copper	43.9	0.400	"	41.6	3.93	95.9	75-125	1.08	25
Lead	25.9	0.200	"	20.8	5.38	98.8	75-125	0.815	25
Nickel	43.5	0.400	"	41.6	3.41	96.3	75-125	0.754	25
Silver	2.06	0.0200	"	2.08	0.0152	98.5	75-125	0.323	25
Zinc	57.5	0.400	"	41.6	17.0	97.5	75-125	0.0586	25
Selenium	3.60	0.260	"	4.16	ND	86.5	75-125	3.79	25

Post Spike (BHD0243-PS1)

Source: 2402222-01

Prepared: 04/08/24 Analyzed: 04/13/24

Arsenic	105		ug/l	100	3.88	101	75-125		
Barium	206		"	100	99.9	106	75-125		
Cadmium	5.62		"	5.00	0.467	103	75-125		
Copper	105		"	100	8.87	96.2	75-125		
Lead	63.4		"	50.0	12.1	103	75-125		
Nickel	105		"	100	7.70	97.7	75-125		
Silver	5.24		"	5.00	0.0344	104	75-125		
Zinc	137		"	100	38.4	98.8	75-125		
Selenium	9.40		"	10.0	0.155	92.4	75-125		

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

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

Summit Scientific

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

Batch BHB0672 - General Preparation

Blank (BHB0672-BLK1)

Prepared: 02/21/24 Analyzed: 02/29/24

Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							

LCS (BHB0672-BS1)

Prepared: 02/21/24 Analyzed: 02/29/24

Calcium	5.12	0.0500	mg/L wet	5.00		102	70-130			
Magnesium	5.27	0.0500	"	5.00		105	70-130			
Sodium	5.26	0.0500	"	5.00		105	70-130			

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

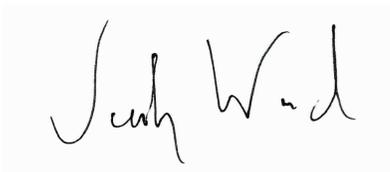
Summit Scientific

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

Batch BHB0840 - General Preparation

Duplicate (BHB0840-DUP1)	Source: 2402238-22		Prepared: 02/27/24 Analyzed: 02/28/24		
% Solids	97.1	%	96.7	0.421	20

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

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

Batch BHB0728 - General Preparation

Blank (BHB0728-BLK1)

Prepared: 02/22/24 Analyzed: 02/25/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHB0728-BS1)

Prepared: 02/22/24 Analyzed: 02/25/24

Specific Conductance (EC) 0.146 0.0100 mmhos/cm 0.150 97.3 95-105

Duplicate (BHB0728-DUP1)

Source: 2402239-01

Prepared: 02/22/24 Analyzed: 02/25/24

Specific Conductance (EC) 0.497 0.0100 mmhos/cm 0.495 0.282 20

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 04/16/24 14:06

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

Summit Scientific

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

Batch BHB0729 - General Preparation

LCS (BHB0729-BS1)

Prepared: 02/22/24 Analyzed: 02/25/24

pH	9.08		pH Units	9.18		98.9	95-105			
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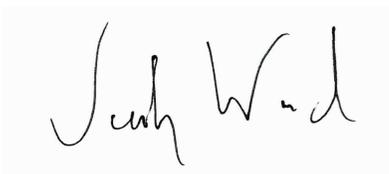
Duplicate (BHB0729-DUP1)

Source: 2402239-01

Prepared: 02/22/24 Analyzed: 02/25/24

pH	8.96		pH Units	8.93		0.335	20			
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Division of Environmental Testing

2115 N Scranton St Suite 3040A
Aurora, CO 80045
800-440-5184

March 13, 2024

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310
reports@s2scientific.com

Project Manager : Mikayla Axtell
Project Name : 2402239
Project Number : N/A

Attached are the analytical results for 2402239 N/A received by Elevation Diagnostics, Division of Environmental Testing on February 22, 2024. This is associated with Elevation's number AA05580 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

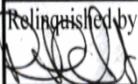
Thank you,

Elevation Diagnostics, Division of Environmental Testing

Kristen Reichel
Laboratory Director
CSO,CCO

Client: Summit Scientific		Project Manager: Mikayla Axtell		Company:	
Address:		E-Mail: reports@s2scientific.com		Project Name/Location:	
City/State/Zip:				AFE#:	
Phone:		Project Name: 2402239		PO/Billing Codes:	
Sampler Name:		Project Number:		Contact:	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested			Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915 Metals	AA0600-1	AA0600-1	
1	BKG01@10'	2/13/2024		1						X				X		
2	BKG01@11'	2/13/2024		1						X				X		
3	BKG02@10'	2/13/2024		1						X				X		
4	BKG02@11'	2/13/2024		1						X				X		
5	BKG03@10'	2/13/2024		1						X				X		
6	BKG03@11'	2/13/2024		1						X				X		
7	BKG04@10'	2/13/2024		1						X				X		
8	BKG04@11'	2/13/2024		1						X				X		
9	BKG05@10'	2/13/2024		1						X				X		
10	BKG05@11'	2/13/2024		1						X				X		
11																
12																
13																
14																
15																

Relinquished by: 	Date/Time: 2/22/24 11:20	Received by:	Date/Time:	TAT Business Days	Field DO	Notes: Samples Intact Sample temp: 13.7 C Corrected temp: 15.7 C no pH measured no pH correction Thermometer: EDX.EQ.248 2.22.2024 2024-02-22-037
				Same Day	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	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: 9.0	Corrected Temperature: 8	IR gun #: 1	HNO3 lot #:			



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 3/13/2024

Report Time : 19:40

FINAL RESULTS REPORT

REPORT TO
4653 Table Mountain Drive Golden, CO 80403 303-277-9310 reports@s2scientific.com

Project Manager : Mikayla Axtell
Project Name : 2402239
Project Number : N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
AA05580-1	BKG01@10' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		0.176	mg/kg	0.080	EPA 3060A & EPA 7199
AA05581-1	BKG01@11' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		<0.080	mg/kg	0.080	EPA 3060A & EPA 7199
AA05582-1	BKG02@10' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		0.135	mg/kg	0.080	EPA 3060A & EPA 7199
AA05583-1	BKG02@11' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		<0.080	mg/kg	0.080	EPA 3060A & EPA 7199
AA05584-1	BKG03@10' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		0.149	mg/kg	0.080	EPA 3060A & EPA 7199
AA05585-1	BKG03@11' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		<0.080	mg/kg	0.080	EPA 3060A & EPA 7199
AA05586-1	BKG04@10' Collected : 02/13/2024 14:53	Chromium VI, Soil 03/04/2024 12:01		0.150	mg/kg	0.080	EPA 3060A & EPA 7199



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 3/13/2024

Report Time : 19:40

FINAL RESULTS REPORT

REPORT TO
4653 Table Mountain Drive Golden, CO 80403 303-277-9310 reports@s2scientific.com

Project Manager : Mikayla Axtell
Project Name : 2402239
Project Number : N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
AA05587-1	BKG04@11'						
	Collected : 02/13/2024 14:53						
		Chromium VI, Soil					EPA 3060A & EPA
		03/04/2024 12:30		<0.080	mg/kg	0.080	7199
AA05588-1	BKG05@10'						
	Collected : 02/13/2024 14:53						
		Chromium VI, Soil					EPA 3060A & EPA
		03/04/2024 12:30		<0.080	mg/kg	0.080	7199
AA05589-1	BKG05@11'						
	Collected : 02/13/2024 14:53						
		Chromium VI, Soil					EPA 3060A & EPA
		02/28/2024 14:25		<0.080	mg/kg	0.080	7199



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 3/13/2024

Report Time : 19:40

FINAL RESULTS REPORT

REPORT TO
4653 Table Mountain Drive Golden, CO 80403 303-277-9310 reports@s2scientific.com

Project Manager : Mikayla Axtell
Project Name : 2402239
Project Number : N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
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QC Report

CHROM_VI_SOIL-2129

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DUP AA05256	<80.000	1.0	ppb		<80.000				
DUP AA05909	0.102	0.001	mg/kg		0.104			1.9417	
MB AA05983	0.435		ppb						
LCS AA05985	40.343		ppb	40		100.86			
LCS AA05986	40.604		ppb	40		101.51			

CHROM_VI_SOIL-2132

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DUP AA05481	<0.080	0.001	mg/kg		<0.080				
DUP AA05587	<0.080	0.080	mg/kg		<0.080				
MB AA05987	1.175		ppb						
LCS AA05989	254887.1934		ppb	226000		112.78			
LCS AA05990	41.8658		ppb	40		104.66			

CHROM_VI_SOIL-2148

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DUP AA05832	<0.080	0.080	mg/kg		<0.080				
MB AA06131	<2.000		ppb						
LCS AA06133	37.391		ppb	40		93.478			
LCS AA06134	40.098		ppb	40		100.24			



Division of Environmental Testing

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Report Date : 3/13/2024

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FINAL RESULTS REPORT

REPORT TO
4653 Table Mountain Drive Golden, CO 80403 303-277-9310 reports@s2scientific.com

Project Manager : Mikayla Axtell
Project Name : 2402239
Project Number : N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
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<u>Qualifier</u>	<u>Explanation</u>
H1	Sample received outside of regulatory holding time.
H2	Sample analyzed outside of regulatory holding time due to a laboratory error.
P1	Sample received outside temperature requirements, 0-6°C.
P2	Sample received unpreserved.
P3	Broken or leaking sample container.
P4	Sample improperly collected
P5	Sample improperly preserved
B	The same analyte is found in the associated blank
B1	Blank failed high, indicating possible high bias in sample results.
B2	Blank failed low, indicating possible low bias in sample results.
MS	Matrix Spike / Matrix Spike Duplicate recovery and/or RPD limit exceeded, indicating potential matrix interference.
QC	Associated batch quality control was outside the acceptable range
D1	Duplicate RPD limit exceeded due to low sample concentration.
D2	Duplicate RPD limit exceeded due to matrix interference.
S	Surrogate recovery failed, indicating potential matrix interference.
RL1	Reporting limits raised due to matrix interference.
RL2	Reporting limits raised due to limited sample.
U	Sample result less than method detection limit.
J	Sample result less than reporting limit but higher than method detection limit.
EST	The concentration indicated has been estimated due to high analyte content
E	Electronic loss or corruption of data.
I	Subcontracted sample



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19 (Backgrounds)

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/16/24 14:06

Notes and Definitions

- QLCS-01 The spike recovery was outside acceptance limits for this analyte indicating a potential high bias. The corresponding samples did not exhibit concentrations above reporting level for this analyte. Data quality is not affected.
- 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