

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:

A handwritten signature in black ink that reads "Ethan Black" with "for PVH" written in smaller letters below it.

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	<0.50	<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)

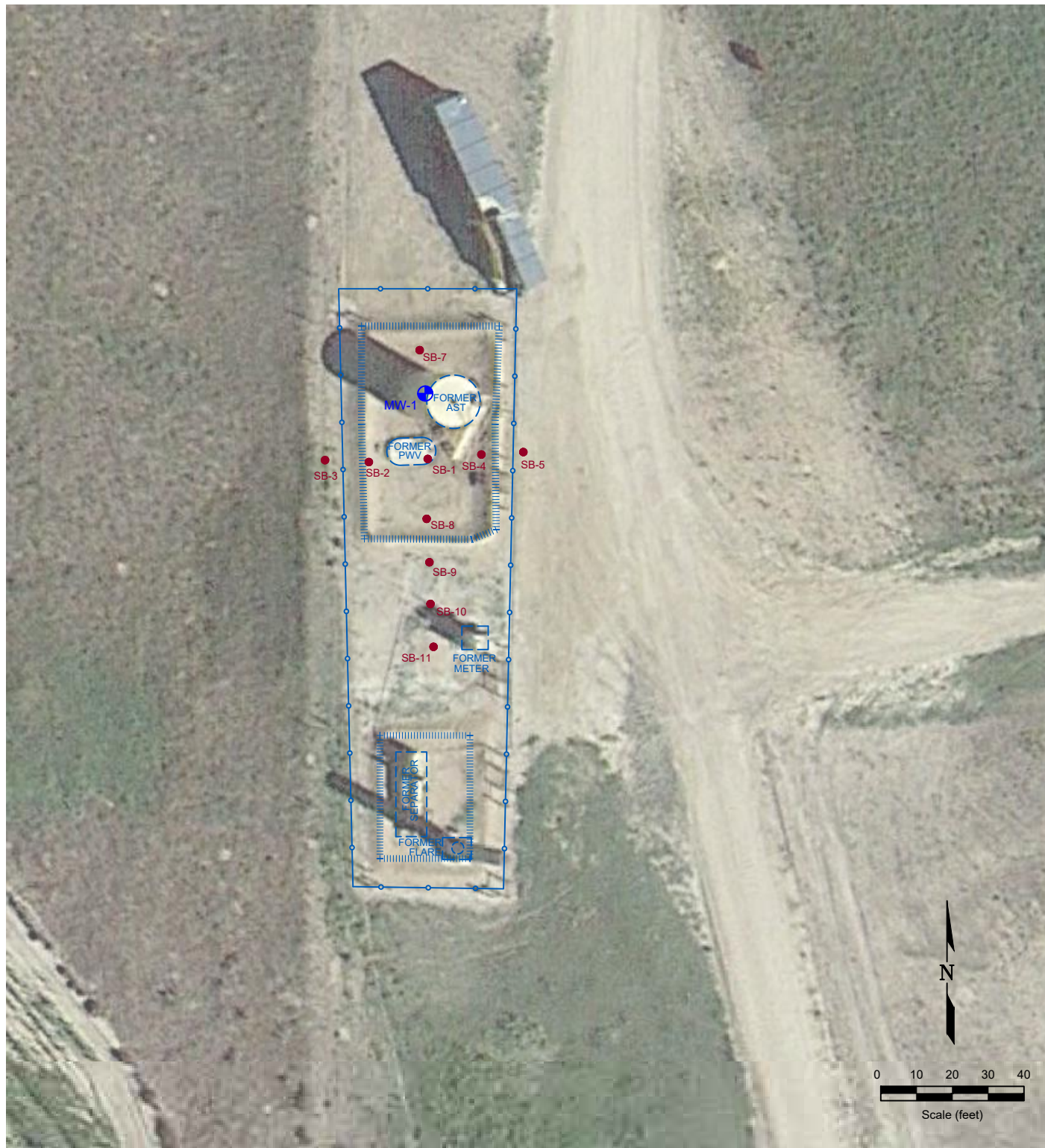
TABLE 5
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE ENERGY INC.
TREBOR B 12-05, 19, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-120

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




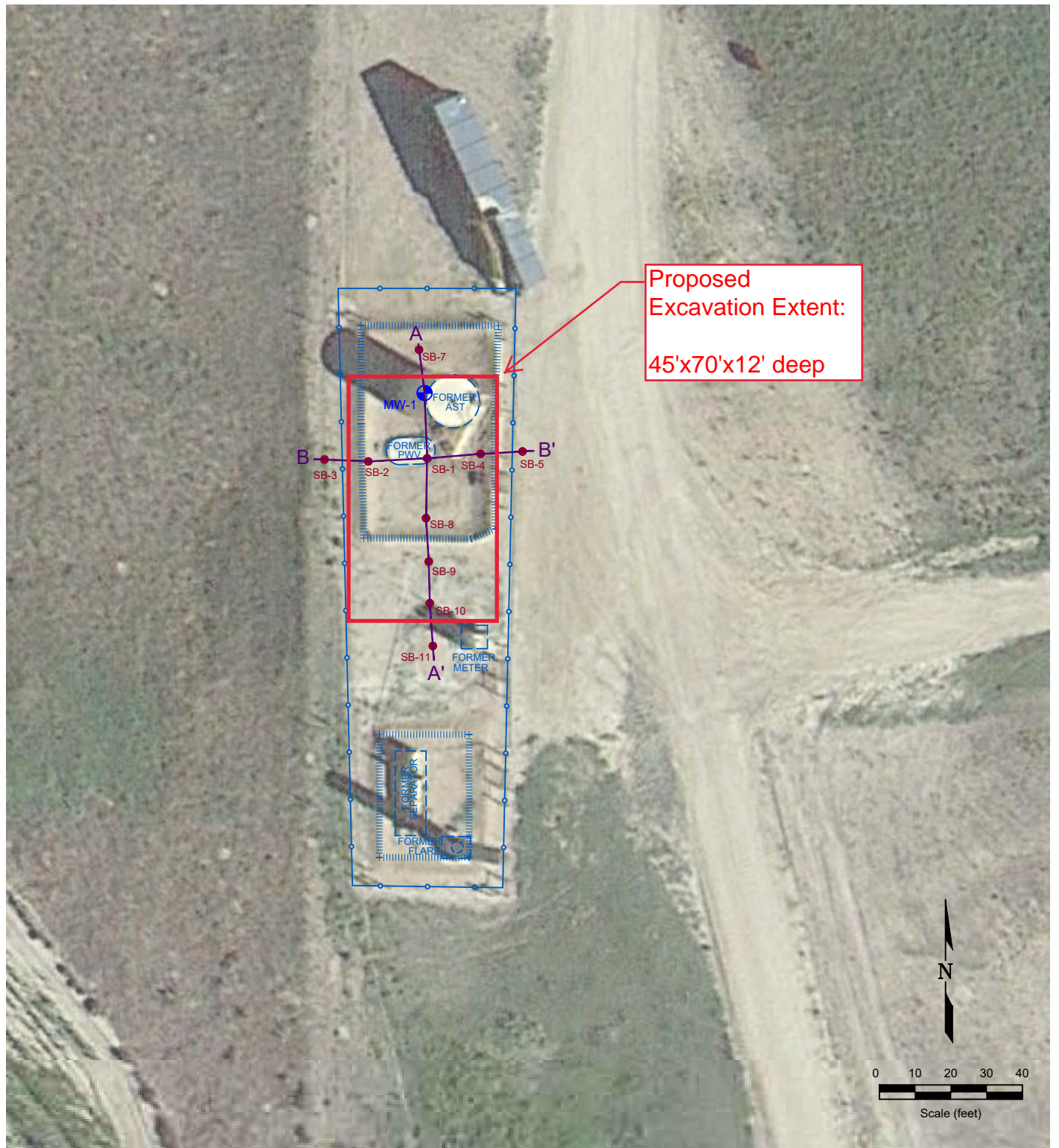
LEGEND

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

Figure 2
SITE 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	



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

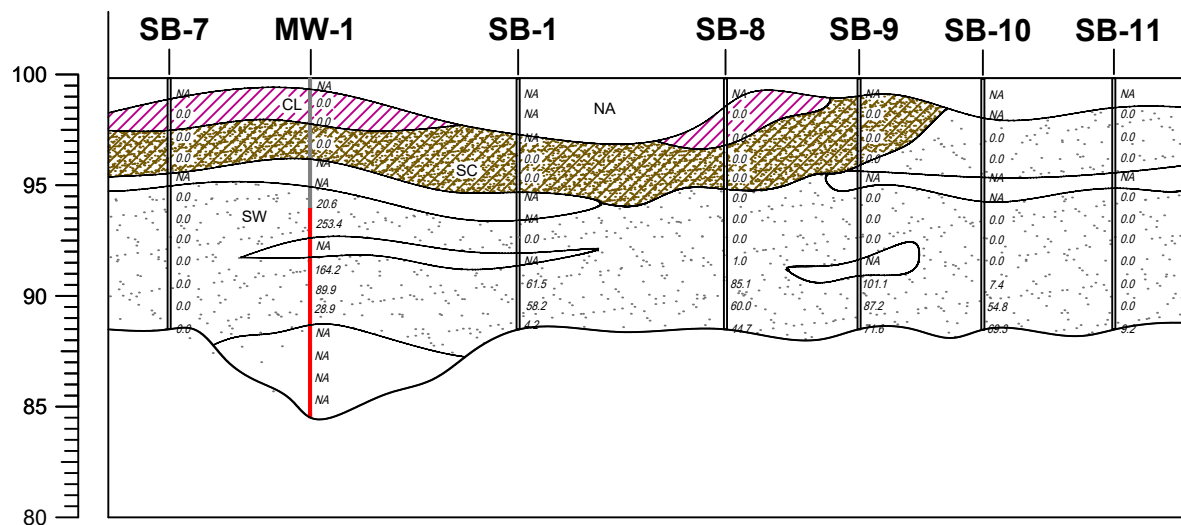
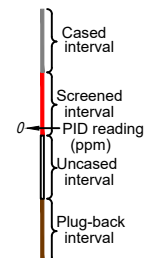
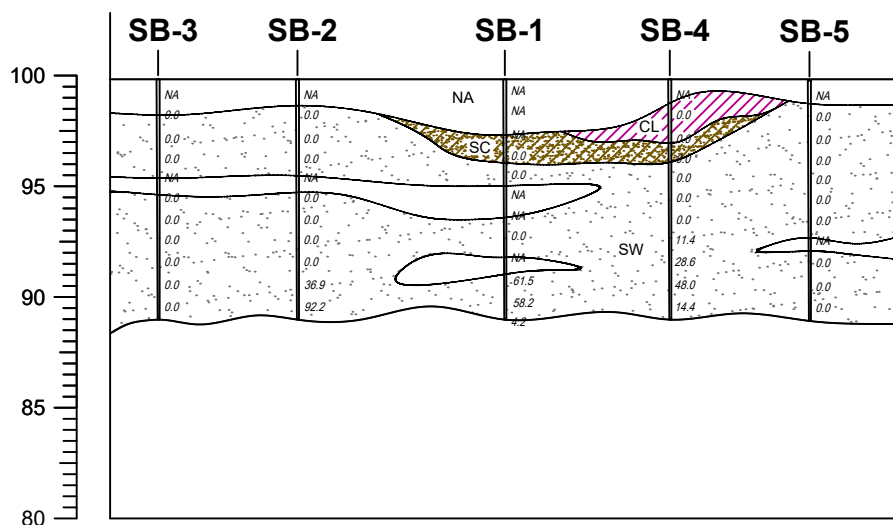
40.416586°, -104.505977°

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

NORTH

A

SOUTH

A'**B****B'**

LEGEND

CH Clay, high plasticity	SW Sand, well-graded	Fill
CL Clay, low plasticity	SP Sand, poorly-graded	Asphalt
MF Silt, high plasticity	SC Sand, clayey	Roadbase
ML Silt, low plasticity	SM Sand silty	Basin fill
CH-MH Clay, silty, high plasticity	GW Gravel, well-graded	Claystone
CL-ML Clay, silty, low plasticity	GF Gravel	Firm sandy clay
MH-CH Silt, clayey, high plasticity	GC Gravel, clayey	Shale
ML-CL Silt, clayey, low plasticity	GM Gravel, silty	Sandstone

Figure 4

CROSS SECTIONS A - A' 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

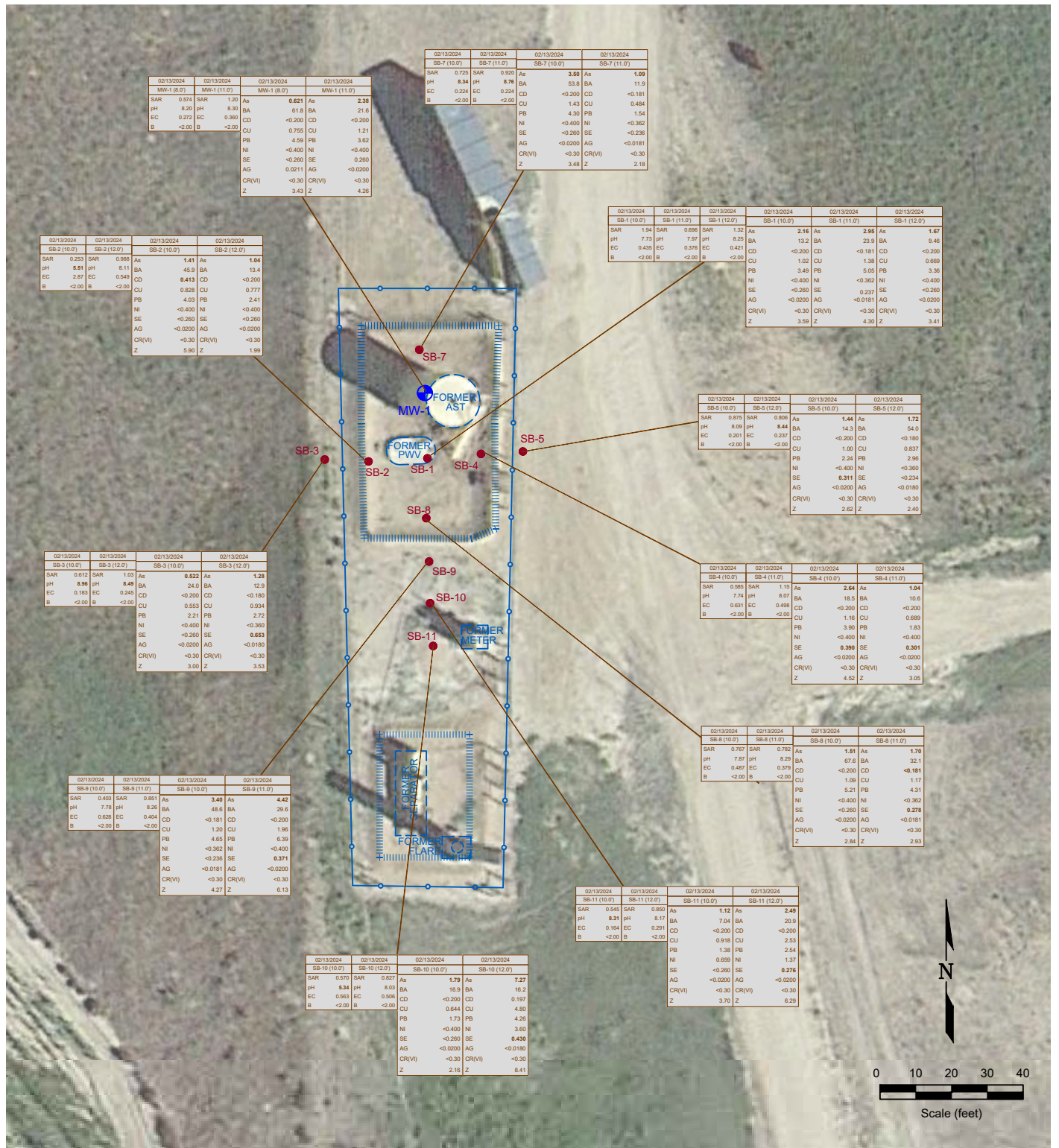


Figure 6
METALS AND INORGANIC SOIL CHEMISTRY MAP
NOBLE ENERGY INC - TREBOR B12-05,19
 SWNW Sec. 12, T5N, R64W, 6th PM
 Weld County, Colorado
 40.416586°, -104.505977°

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



LEGEND

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

02/13/2024		DATE SAMPLED
MW-1		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



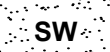
Weld County, Colorado

40.416586°, -104.505977°

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




Boring/Well No. SB-1		Total Depth 12'		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.									
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 02/08/2024	
Well Installed?		Casing Mtrl./Dia.		Screen:					
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Type					
Elevation of:		Ground Surface		Top of Well Casing		Top of Screen		Bottom of Screen	
(ft. above datum)									

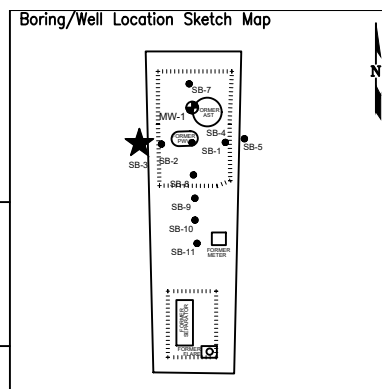
DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5						NA		45%		NA
										NA
										NA
										0.0
						Sandy clay, brown, no odor				0.0
						Sand, well graded, brown, no odor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



The diagram illustrates a 1000-MW pressurized water reactor (PWR) system. It features a primary loop and a secondary loop. The primary loop consists of a reactor core, a steam generator, a condenser, and a pump. The secondary loop consists of a steam generator, a condenser, and a pump. The diagram is labeled with various components and their connections. Key components include the reactor core, steam generator, condenser, pump, and control rod bank. The diagram is labeled with '1000-MW PWR' and 'Primary Loop' and 'Secondary Loop'.


Boring/Well No. SB-2		Total Depth 12'		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.													
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		75%		NA
10						Sand, tan, fine, no odor				0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
15						Sand, tan, fine to medium coarse, no odor				0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
20						Saturated sand, black, medium coarse, odor				36.9
										92.2
						TD 12'				



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



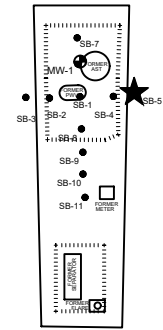
Boring/Well No. SB-4		Total Depth 12'		Location Noble Energy, Inc. Trebor B12-05,19 SWNW Sec. 12, T5N, R64W, 6th PM Weld County, Colorado					
Project No./Name CO23-120 / Noble Trebor B12-05,19									
Drilling Contractor/Driller Drill Pro									
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.				Approved By					
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 02/13/2024	
Well Installed?		Casing Mtrl./Dia.		Screen:					
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		.		Type .		Mtrl. . Length . Dia. . Slot Size .			
Elevation of:		Ground Surface		Top of Well Casing		Top of Screen		Bottom of Screen	
(ft. above datum)		
		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		75%		NA	
10						Sand, tan, fine to medium coarse, no odor		96%		0.0	
15						Sand, tan, black streaks, fine to medium coarse, light odor		95%		0.0	
20						Sand, black, fine to medium coarse, odor				11.4	
					Saturated, black, sand, medium coarse, odor				29.6		
					Sand, tan, fine to medium coarse, light odor				48.0		
					TD 12'				14.4		



BORING/WELL CONSTRUCTION LOG

Boring/Well Location Sketch Map



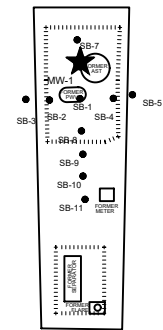
Page 1 of 1

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.	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	<div></div>	<div></div>	<div></div>		NA		75%		NA	
				<div>SW</div>	Sand, tan, fine, no odor				0.0	
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
										0.0
10					NA	75%		NA		
				<div>SW</div>	Saturated, sand, medium coarse, odor			0.0		
									0.0	
									0.0	
									0.0	
									0.0	
									0.0	
									0.0	
									0.0	
									0.0	
15										
	20									

BORING/WELL CONSTRUCTION LOG

Boring/Well Location Sketch Map



Page 1 of 1

Boring/Well No. MW-1		Total Depth 16'		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 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				
5	Bentonite	1" Blank	NA				NA
			CL		75%	0.0	0.0
			SC			0.0	0.0
			NA			0.0	NA
			NA		50%	NA	NA
10	#10-20 Silica Sand	1" Screen	SW			20.6	253.4
			NA			NA	NA
			SW		89%	164.2	89.9
			NA			38.9	NA
			NA		0%	NA	NA
15			TD 16'			NA	NA
						NA	NA
						NA	NA
						NA	NA
						NA	NA
20							



SB-7
FRACTION JET
MW-1
SB-2
SB-1
SB-9
SB-10
SB-11
EXTRACTOR METER
EXTRACTOR

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 Trebor B12-05,19							
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			

[illegible]



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 Trebor 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	

[illegible]

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

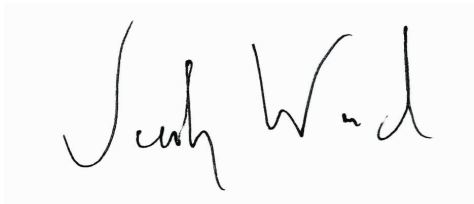
303.277.9310

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

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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

Page 1 of 2

2402238.1

Send Data To:

Send Invoice To:

Client: Fremont Env

Project Manager: Paul Hench

Company:

Address:

E-Mail: Paulh@fremontenv.com

Project Name/Location:

City/State/Zip:

jeffg@fremontenv.com Ethanb@fremontenv.com

AFE#:

Phone:

Project Name: Trebor B 12-5,19

PO/Billing Codes: UWRWE-A2087-ABN

Sampler Name: J6

Project Number:

Contact:

Preservative

Matrix

Analysis Requested

Special Instructions

ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX+N	TMBs(915)	DR0,OR0,GRO	PAHs(915)	EC1PH,SAR, Boron	Metals(915)			
1	SB-1 (10.0')	2/13/24		2			X			X			X	X	X	X	X	X			
2	SB-1 (11.0')																				
3	SB-1 (12.0')																				
4	SB-2 (10.0')																				
5	SB-2 (12.0')																				
6	SB-3 (10.0')																				
7	SB-3 (12.0')																				
8	SB-4 (10.0')																				
9	SB-4 (11.0')																				
10	SB-5 (10.0')																				
11	SB-5 (12.0')																				
12	MW-1 (8.0')																				
13	MW-1 (11.0')																				
14	SB-7 (10.0')																				
15	SB-7 (11.0')																				

Relinquished by:

Date/Time:

Received by:

Date/Time:

TAT Business Days

Field DO

Notes:

2/13/24

15:52 2-13-24

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: 12.2

Corrected Temperature

IR gun #: 2

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

					Preservative				Matrix				Analysis Requested						Special Instructions		
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other _____	Water	Soil	Air-Canister #	Other _____	BTEX+N	TMBs (915)	DRO,ORO,GRO	PAHs (915)	EC,PT,SAR, Boron	Metals (915)			
1	SB-8 (10.0')	2/13/24		2			X			X			X	X	X	X	X	X			
2	SB-8 (11.0')	↓		—			—			—			—	—	—	—	—	—			
3	SB-9 (10.0')			—			—			—			—	—	—	—	—	—			
4	SB-9 (11.0')			—			—			—			—	—	—	—	—	—			
5	SB-10 (10.0')			—			—			—			—	—	—	—	—	—			
6	SB-10 (12.0')			—			—			—			—	—	—	—	—	—			
7	SB-11 (10.0')			—			—			—			—	—	—	—	—	—			
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.	
				Standard	X Field Turb.	
Temperature Upon Receipt: _____		Corrected Temperature _____		IR gun #: _____		HNO3 lot #: _____

S₂

2/2

Sample Receipt Checklist

S2 Work Order# 2402238Client: FremontClient Project ID: Trebur B 12-5, 19Shipped 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

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 (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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
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		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
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		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
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

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 (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

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 (11.0')
2402238-02 (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	56	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	0.0365	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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	7.77	62.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 (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

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 Henehan

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

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

Reported:
04/22/24 09:15

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

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 Henehan

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

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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	

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 Henehan

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	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	75	0.50	"	"	"	"	"	"	E

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

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

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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

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 Henehan

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

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

Summit Scientific

PAH by EPA Method 8270D SIM

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

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

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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

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 Henahan

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

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 Henehan

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	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	0.0373	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	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	6.49	51.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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

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 Henehan

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	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	76	0.50	"	"	"	"	"	"	E

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

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

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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

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

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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

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 Henehan

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

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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

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 Henehan

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	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	0.0388	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	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	6.85	54.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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

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

**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

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

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

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

Summit Scientific

Total Metals by EPA 6020B

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

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

**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

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

**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

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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

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 Henehan

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

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

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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

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 Henehan

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	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	0.0389	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	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	8.30	66.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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 (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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 (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

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-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	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	190	0.50	"	"	"	"	"	"	E

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

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

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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	

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 Henehan

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	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	78	0.50	"	"	"	"	"	"	E

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

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

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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

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-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	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	70	0.50	"	"	"	"	"	"	E

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

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

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

Summit Scientific

Total Metals by EPA 6020B

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

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-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	

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-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	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	100	0.50	"	"	"	"	"	"	E

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	92.5 %	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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	6.90	55.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henehan

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

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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

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

PAH by EPA Method 8270D SIM

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 Henahan

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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

Summit Scientific

Total Metals by EPA 6020B

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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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-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
----------	------	---	---	---------	----------	----------	-------------

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

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 Henehan

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

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

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

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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	

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 Henehan

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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	9.46	75.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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-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
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

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 Henehan

Reported:
04/22/24 09:15

**SB-11 (12.0')
2402238-23 (Soil)**

Summit Scientific

Total Metals by EPA 6020B

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

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 Henahan

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	

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

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		"	"	"	"	

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

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 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	"							
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3		102	23-173			
Surrogate: Toluene-d8	13.1		"	13.3		98.4	20-170			
Surrogate: 4-Bromofluorobenzene	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			
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		101	23-173			
Surrogate: Toluene-d8	13.4		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	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
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		103	23-173			
Surrogate: Toluene-d8	13.5		"	13.3		102	20-170			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.3	21-167			

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

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

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

Batch 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
Surrogate: 1,2-Dichloroethane-d4		13.9	"	13.3		104	23-173			
Surrogate: Toluene-d8		13.5	"	13.3		101	20-170			
Surrogate: 4-Bromofluorobenzene		12.5	"	13.3		94.1	21-167			

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	"							
Surrogate: 1,2-Dichloroethane-d4		0.0342	"	0.0400		85.6	50-150			
Surrogate: Toluene-d8		0.0404	"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene		0.0390	"	0.0400		97.4	50-150			

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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

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

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0454		"	0.0400		113	50-150			
Surrogate: Toluene-d8	0.0364		"	0.0400		91.0	50-150			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	50-150			

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			
Surrogate: 1,2-Dichloroethane-d4	0.0470		"	0.0400		118	50-150			
Surrogate: Toluene-d8	0.0367		"	0.0400		91.6	50-150			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	50-150			

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
Surrogate: 1,2-Dichloroethane-d4	0.0470		"	0.0400		118	50-150			
Surrogate: Toluene-d8	0.0481		"	0.0400		120	50-150			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.0400		319	50-150			S-02

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

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 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

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

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHB0599 - EPA 3550A

Blank (BHB0599-BLK1)

Prepared & Analyzed: 02/19/24

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-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: o-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: o-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: o-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: o-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: o-Terphenyl	15.5		"	12.5		124	30-150			

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/22/24 09:15

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 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			

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

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch 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	"								
Surrogate: 2-Methylnaphthalene-d10	0.0427		"	0.0333		128		40-150			
Surrogate: Fluoranthene-d10	0.0316		"	0.0333		94.8		40-150			

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			
Surrogate: 2-Methylnaphthalene-d10	0.0288		"	0.0333		86.4		40-150			
Surrogate: Fluoranthene-d10	0.0305		"	0.0333		91.5		40-150			

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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		
Surrogate: 2-Methylnaphthalene-d10	0.0186		"	0.0333		55.9	40-150		
Surrogate: Fluoranthene-d10	0.0177		"	0.0333		53.0	40-150		

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
Surrogate: 2-Methylnaphthalene-d10	0.0183		"	0.0333		55.0	40-150		
Surrogate: Fluoranthene-d10	0.0194		"	0.0333		58.3	40-150		

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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 Level	Source		%REC		RPD	
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

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	"

Surrogate: 2-Methylnaphthalene-d10	0.0343	"	0.0333	103	40-150
Surrogate: Fluoranthene-d10	0.0268	"	0.0333	80.4	40-150

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

Surrogate: 2-Methylnaphthalene-d10	0.0269	"	0.0333	80.6	40-150
Surrogate: Fluoranthene-d10	0.0279	"	0.0333	83.6	40-150

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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		
Surrogate: 2-Methylnaphthalene-d10	0.0177		"	0.0333		53.1	40-150		
Surrogate: Fluoranthene-d10	0.0226		"	0.0333		67.8	40-150		

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
Surrogate: 2-Methylnaphthalene-d10	0.0211		"	0.0333		63.4	40-150		
Surrogate: Fluoranthene-d10	0.0220		"	0.0333		65.9	40-150		

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

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

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

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

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

Summit Scientific

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

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	
-------	------	------	------	------	--------	-----	--------	------	----	--

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

Total Metals by EPA 6020B - Quality Control

Summit Scientific

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

Batch 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	

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

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch 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	"

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

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch 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

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

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch 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

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

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch 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

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

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch 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

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 Henehan

Reported:
04/22/24 09:15

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 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
----------	------	---	--	------	--	-------	----

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

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch 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

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

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch 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
----	------	----------	------	------	--------

Duplicate (BHB0666-DUP1)

Source: 2402238-01

Prepared: 02/21/24 Analyzed: 02/25/24

pH	7.84	pH Units	7.73	1.41	20
----	------	----------	------	------	----

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Trebor B 12-5,19

Project Number: [none]
Project Manager: Paul Henehan

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

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: 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: <u>Fremont Env</u>		Send Data To:		Send Invoice To:	
Address:		Project Manager: <u>Paul Henahan</u>		Company:	
City/State/Zip:		E-Mail: <u>Paulh@Fremontenv.com</u>		Project Name/Location:	
Phone:		<u>Jeff@Fremontenv.com Ethan@Fremontenv.com</u>		AFE#:	
Sampler Name: <u>JG</u>		Project Name: <u>Trebor B 12-5,19 (Backgrounds)</u>		PO/Billing Codes: <u>UWRWE-A2087-ABN</u>	
		Project Number:		Contact:	

				Preservative				Matrix				Analysis Requested				Special Instructions			
ID	Sample Description	Date Sampled	Time Sampled	# of containers	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: <u>[Signature]</u>	Date/Time: <u>2/13/24</u>	Received by: <u>[Signature]</u>	Date/Time: <u>2/13/24 15:53</u>	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.	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Standard	X Field Turb.	
Temperature Upon Receipt: <u>6-7</u>	Corrected Temperature	IR gun #: <u>2</u>	HNO3 lot #:			

S₂

Sample Receipt Checklist

S2 Work Order# 2402239Client: 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 Henehan

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

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 Henahan

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

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

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		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	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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0427	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

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

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

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		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	1.50	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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.136	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 Henahan

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

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

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		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	3.47	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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0404	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 Henahan

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

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@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		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	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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0756	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 Henahan

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

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

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

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

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		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	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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.0691	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 Henahan

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

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

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	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	1.90	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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Sodium Adsorption Ratio	0.0417	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 Henahan

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

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

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

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 Henahan

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

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

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

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 Henahan

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

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 Hot Water Soluble Extraction - Quality Control

Summit Scientific

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

Batch 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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

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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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

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 Henehan

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		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

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

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
--	--	-----------------------------

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 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

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

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

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

Batch 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

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

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch 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
----	------	----------	------	------	--------

Duplicate (BHB0729-DUP1)

Source: 2402239-01

Prepared: 02/22/24 Analyzed: 02/25/24

pH	8.96	pH Units	8.93	0.335	20
----	------	----------	------	-------	----

Summit Scientific

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



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



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

Lab ID Page of

		Send Data To:										Send Invoice To:									
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:									
					Preservative			Matrix			Analysis Requested					Special Instructions					
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915 Metals								
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 1120	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

FINAL RESULTS REPORT

Report Date : 3/13/2024

Report Time : 19:40

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

FINAL RESULTS REPORT**Report Date :** 3/13/2024**Report Time :** 19:40**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

FINAL RESULTS REPORT**Report Date :** 3/13/2024**Report Time :** 19:40**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
-----------	-------------	--------------------------------	----------	--------	-------	--------------------	---------------------

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

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 3/13/2024

Report Time : 19:40

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
-----------	-------------	--------------------------------	----------	--------	-------	--------------------	---------------------

Qualifier

Explanation

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 Henehan

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