

FREMONT ENVIRONMENTAL INC.

September 22, 2022

Mr. Daniel Peterson
Noble Energy Inc.
2115 117th Avenue
Greeley, CO 80634

Subject: **Groundwater Data Submittal**
Webster 15-28
API # 05-123-12690
SWSE Sec. 28, T6N, R64W
Weld County, Colorado
Fremont Project No. C022-026
Facility # 244895, Remediation # 20954

Dear Mr. Peterson:

Enclosed please find a copy of the above referenced Groundwater Data Submittal for the Webster 15-28 site in Weld County, Colorado. The enclosed data describes the groundwater quality at the site during the recent quarterly sampling and monitoring event.

Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
FREMONT ENVIRONMENTAL INC.



Paul V. Henahan, P.E.
Senior Consultant

Enclosure

TABLE 1
SUMMARY OF ORGANIC GROUNDWATER CHEMISTRY DATA
NOBLE ENERGY INC.
WEBSTER 15-28, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-026

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	NAPHTHALENE (µg/L)	1,2,4 TRIMETHYL-BENZENE (µg/L)	1,3,5 TRIMETHYL-BENZENE (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-1	4/15/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.00	4.35	95.65	NP
	7/25/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.91	97.09	NP
MW-2	4/15/2022	12	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	101.26	4.69	96.57	NP
	7/25/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.28	97.98	NP
MW-3	4/15/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.61	4.87	95.74	NP
	7/25/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.41	97.20	NP
MW-4	4/15/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.19	4.49	95.70	NP
	7/25/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.09	97.10	NP
MW-5	4/15/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.45	4.92	95.53	NP
	7/25/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.53	96.92	NP
Table 915-1 Limits		5	560	700	1,400	140	67	67				

Bold face values exceed the COGCC limits

NP - No Free Product

NA - Not Analyzed

NAP - Not Applicable

TABLE 2
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
NOBLE ENERGY INC.
WEBSTER 15-28, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-026

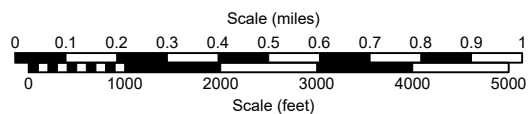
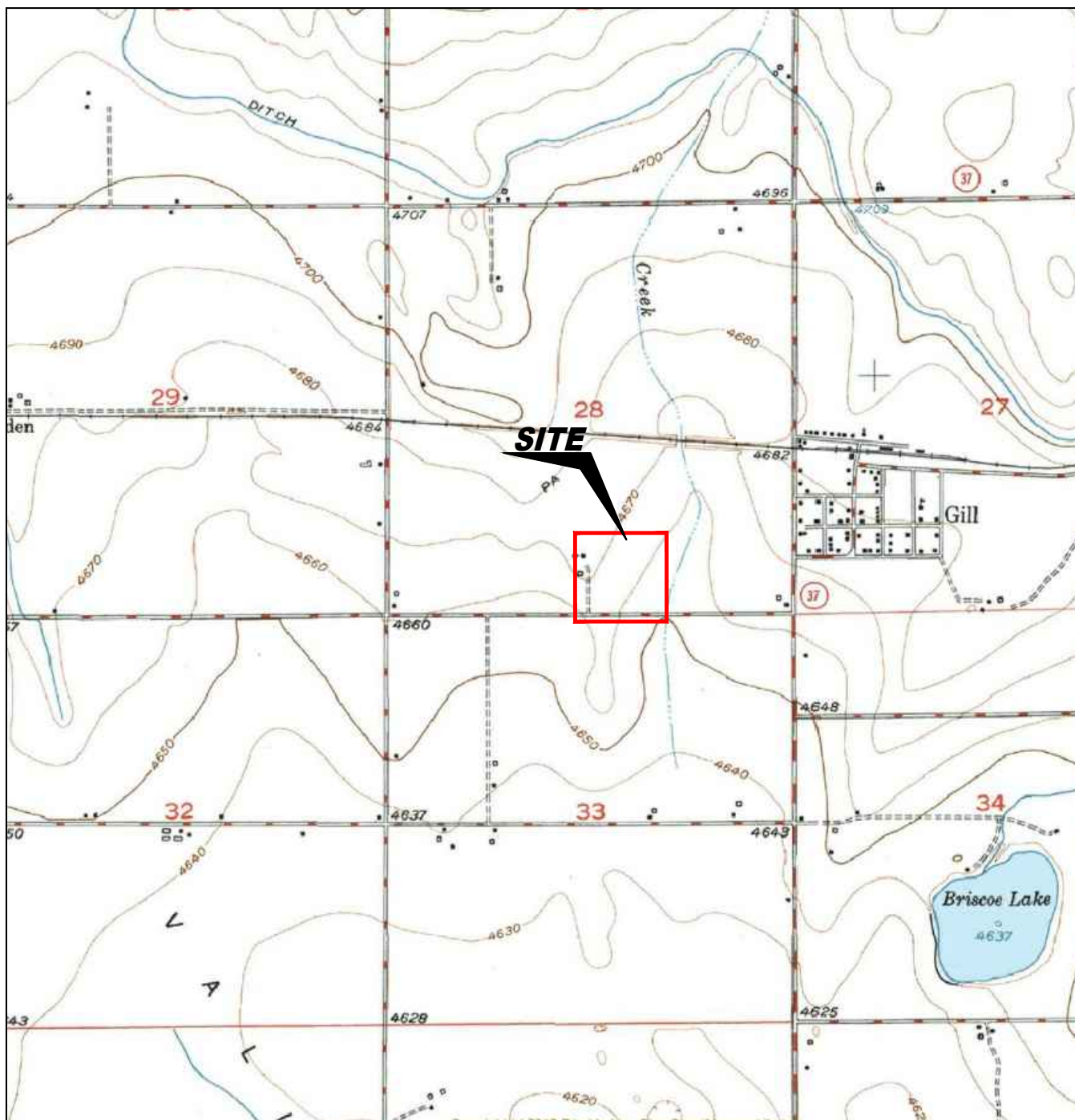
SAMPLE LOCATION	DATE	TOTAL DISSOLVED SOLIDS (mg/L)	CHLORIDE ION (mg/L)	SULFATE ION (mg/L)
MW-1	4/15/2022	1050	32.6	368
	7/25/2022	563	17.6	166
MW-2	4/15/2022	900	34.6	370
	7/25/2022	904	25.4	373
MW-3	4/15/2022	998	47.0	430
	7/25/2022	939	28.6	378
MW-4	4/15/2022	1020	38.2	436
	7/25/2022	1060	35.4	480
MW-5	4/15/2022	1130	53.2	493
	7/25/2022	1210	51.8	568
Table 915-1 Limits		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background

Bold face values exceed the COGCC limits

NP - No Free Product

NA - Not Analyzed

NAP - Not Applicable



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Noble Energy, Inc. ~ Webster 15-28
SWSE Sec. 28, T6N, R64W, 6th PM
Weld County, Colorado
40.451617°, -104.553572°

Project # C022-026	API # 05-123-12690	Facility # 481614
Date 9/7/22	Remediation # 20954	Filename 22026T





LEGEND

● WELL HEAD LOCATION
 ⊕ MONITORING WELL
 FORMER FORMER FACILITY
 - - - FLOW LINE

Figure 2
SITE MAP

Noble Energy, Inc. ~ Webster 15-28
 SWSE Sec. 28, T6N, R64W, 6th PM
 Weld County, Colorado
 40.451617°, -104.553572°

Project No. C022-026	API # 05-123-12690	Facility # 481614
Date 9/7/22	Remediation # 20954	Filename 22026QQ





LEGEND

- WELL HEAD LOCATION
- SOIL BORING LOCATION
- MONITORING WELL
- FORMER FACILITY
- FLOW LINE
- GROUND WATER ELEVATION (ft above arbitrary datum)
- WATER TABLE CONTOUR
- GROUND WATER FLOW DIRECTION

Figure 3

INFERRED GROUNDWATER CONTOURS MAP


July 25, 2022

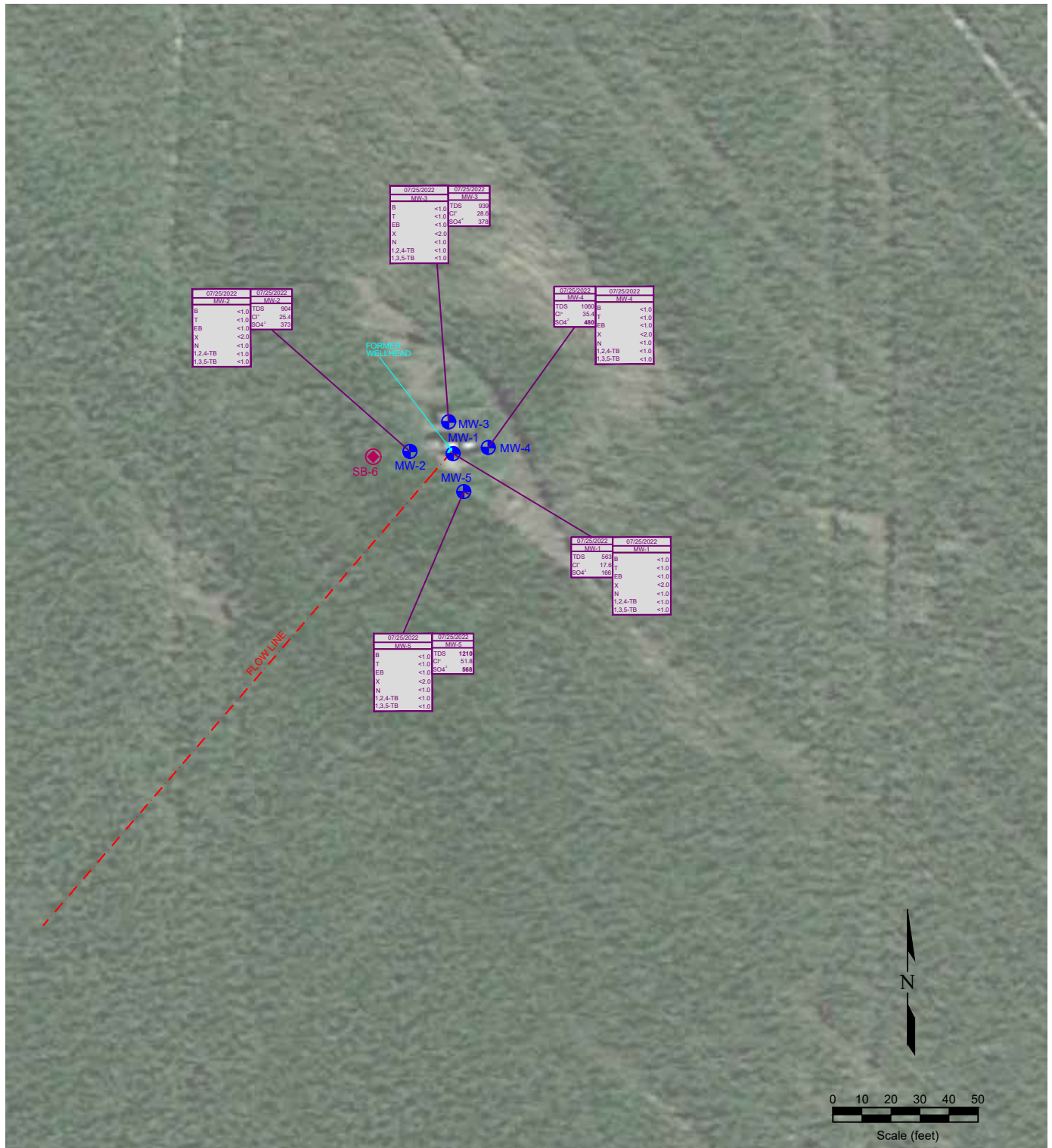
Noble Energy, Inc. ~ Webster 15-28

SWSE Sec. 28, T6N, R64W, 6th PM

Weld County, Colorado

40.451617°, -104.553572°

Project No. C022-026	API # 05-123-12690	Facility # 481614	
Date 9/26/22	Remediation # 20954	Filename 22026QQ	



LEGEND

● WELL HEAD LOCATION + MONITORING WELL FORMER FORMER FACILITY --- FLOW LINE

07/25/2022	DATE SAMPLED
MW-1	SAMPLE ID
B	<1.0
T	<1.0
EB	<1.0
X	<2.0
N	<1.0
1,2,4-TB	<1.0
1,3,5-TB	<1.0

07/25/2022	DATE SAMPLED
MW-2	SAMPLE ID
TDS	204
Cl ⁻	25.4
SO ₄ ²⁻	373

Figure 4
GROUNDWATER CHEMISTRY MAP
July 25, 2022
Noble Energy, Inc. ~ Webster 15-28
SWSE Sec. 28, T6N, R64W, 6th PM
Weld County, Colorado
40.451617°, -104.553572°

Project No. C022-026	API # 05-123-12690	Facility # 481614	
Date 9/7/22	Remediation # 20954	Filename 22026QQ	

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 08, 2022

Paul Henchan

Fremont Environmental

PO Box 1289

Wellington, CO 80549

RE: Noble - Webster 15-28

Work Order #2207411

Enclosed are the results of analyses for samples received by Summit Scientific on 07/28/22 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mikayla Axtell For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	2207411-01	Water	07/25/22 00:00	07/28/22 16:00
MW-2	2207411-02	Water	07/25/22 00:00	07/28/22 16:00
MW-3	2207411-03	Water	07/25/22 00:00	07/28/22 16:00
MW-4	2207411-04	Water	07/25/22 00:00	07/28/22 16:00
MW-5	2207411-05	Water	07/25/22 00:00	07/28/22 16:00

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

2207411

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: Fremont Environmental

Project Manager: Herchen

Address:

E-Mail: fremont env dist list (jeffg, paulh, ethanb)

City/State/Zip:

Bill To: Noble

Phone:

Project Name: Noble - Webster IS-28

Sampler Name: Black

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested							Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	VOCs (q15)	TPH (q15)	PAHs (q15)	TDS/Cl/SO4	SAR/EC/pH	Boron	Metals (q15)			
1	MW-1	7/25/22		4			X		X					X			X					
2	MW-2																					
3	MW-3																					
4	MW-4																					
5	MW-5																					
6																						
7																						
8																						
9																						
10																						

Relinquished by: <u>Jeff Black</u>	Date/Time: <u>7/28/22</u>	Received by: <u>[Signature]</u>	Date/Time: <u>7/28/22 1600</u>	Turn Around Time (Check)	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/>	72 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/>
				24 hours <input type="checkbox"/>	
				48 hours <input type="checkbox"/>	
Temperature Upon Receipt: <u>8.0</u>	Corrected Temperature <u>0</u>	HNO3 lot #	Sample Integrity:	Samples Intact: <u>Yes</u> No	
IR gun correction: <u>0</u>	IR gun #: <u>1</u>				

S₂

Sample Receipt Checklist

S2 Work Order# 2207411

Client: Fremont Client Project ID: Noble-Webster 15-28

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

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

Matrix (Check all that apply) Air ☐ Soil/Solid ☐ Water ☒ Other ☐Temp (°C) 4.0 Thermometer # 1

	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.	-			on ICE
Were all samples received intact ⁽¹⁾ ?	-			
Was adequate sample volume provided ⁽¹⁾ ?	-			
If custody seals are present, are they intact ⁽¹⁾ ?	-			
Are samples due within 48 hours present?		-		
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			-	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	-			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	-			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	-			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	-			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.		-		
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.			-	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			-	
If dissolved metals are requested, were samples field filtered?			-	
Additional Comments (if any):				
(1) If NO, then contact the client before proceeding with analysis and note in case narrative.				


 Custodian Printed Name

72822
 Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henehan

Reported:
08/08/22 08:46

MW-1
2207411-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFG0539	07/29/22	07/30/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		90.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chloride	17.6	12.0	mg/L	200	BFH0084	08/03/22	08/04/22	EPA 300.0	
Sulfate	166	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Total Dissolved Solids	563	10.0	mg/L	1	BFG0545	07/29/22	07/29/22	SM2540C	

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

MW-2
2207411-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFG0539	07/29/22	07/31/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	25.4	12.0	mg/L	200	BFH0084	08/03/22	08/04/22	EPA 300.0	
Sulfate	373	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	904	10.0	mg/L	1	BFG0545	07/29/22	07/29/22	SM2540C	

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

MW-3
2207411-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFG0539	07/29/22	07/31/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	28.6	12.0	mg/L	200	BFH0084	08/03/22	08/04/22	EPA 300.0	
Sulfate	378	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	939	10.0	mg/L	1	BFG0545	07/29/22	07/29/22	SM2540C	

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

MW-4
2207411-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFG0539	07/29/22	07/31/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	35.4	12.0	mg/L	200	BFH0084	08/03/22	08/04/22	EPA 300.0	
Sulfate	480	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	1060	10.0	mg/L	1	BFG0545	07/29/22	07/29/22	SM2540C	

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

MW-5
2207411-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFG0539	07/29/22	07/31/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	51.8	12.0	mg/L	200	BFH0084	08/03/22	08/04/22	EPA 300.0	
Sulfate	568	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **07/25/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	1210	10.0	mg/L	1	BFG0545	07/29/22	07/29/22	SM2540C	

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

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 BFG0539 - EPA 5030 Water MS

Blank (BFG0539-BLK1)

Prepared: 07/29/22 Analyzed: 07/30/22

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	12.3		"	13.3		92.0	23-173			
Surrogate: Toluene-d8	13.7		"	13.3		103	20-170			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	21-167			

LCS (BFG0539-BS1)

Prepared: 07/29/22 Analyzed: 07/30/22

Benzene	28.9	1.0	ug/l	41.7		69.4	51-132			
Toluene	37.6	1.0	"	41.7		90.2	51-138			
Ethylbenzene	43.8	1.0	"	41.7		105	58-146			
m,p-Xylene	87.7	2.0	"	83.3		105	57-144			
o-Xylene	43.7	1.0	"	41.7		105	53-146			
Naphthalene	33.4	1.0	"	41.7		80.1	70-130			
1,2,4-Trimethylbenzene	50.2	1.0	"	41.7		121	70-130			
1,3,5-Trimethylbenzene	51.6	1.0	"	41.7		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.4		"	13.3		93.2	23-173			
Surrogate: Toluene-d8	13.8		"	13.3		103	20-170			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	21-167			

Matrix Spike (BFG0539-MS1)

Source: 2207408-01

Prepared: 07/29/22 Analyzed: 07/30/22

Benzene	28.8	1.0	ug/l	41.7	ND	69.1	34-141			
Toluene	37.7	1.0	"	41.7	ND	90.4	27-151			
Ethylbenzene	44.5	1.0	"	41.7	ND	107	29-160			
m,p-Xylene	88.8	2.0	"	83.3	ND	107	20-166			
o-Xylene	44.0	1.0	"	41.7	ND	106	33-159			
Naphthalene	38.3	1.0	"	41.7	ND	92.0	70-130			
1,2,4-Trimethylbenzene	51.3	1.0	"	41.7	ND	123	70-130			
1,3,5-Trimethylbenzene	52.8	1.0	"	41.7	ND	127	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3		91.9	23-173			
Surrogate: Toluene-d8	13.7		"	13.3		103	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		98.7	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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

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 BFG0539 - EPA 5030 Water MS

Matrix Spike Dup (BFG0539-MSD1)	Source: 2207408-01			Prepared: 07/29/22 Analyzed: 07/30/22						
Benzene	28.0	1.0	ug/l	41.7	ND	67.3	34-141	2.57	30	
Toluene	37.2	1.0	"	41.7	ND	89.2	27-151	1.36	30	
Ethylbenzene	44.4	1.0	"	41.7	ND	107	29-160	0.180	30	
m,p-Xylene	88.8	2.0	"	83.3	ND	107	20-166	0.00	30	
o-Xylene	44.2	1.0	"	41.7	ND	106	33-159	0.295	30	
Naphthalene	42.8	1.0	"	41.7	ND	103	70-130	11.1	30	
1,2,4-Trimethylbenzene	51.6	1.0	"	41.7	ND	124	70-130	0.680	30	
1,3,5-Trimethylbenzene	53.4	1.0	"	41.7	ND	128	70-130	1.19	30	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.8	23-173			
Surrogate: Toluene-d8	13.6		"	13.3		102	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.4	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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

Anions by EPA Method 300.0 - Quality Control

Summit Scientific

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

Batch BFH0084 - General Preparation

Blank (BFH0084-BLK1)

Prepared & Analyzed: 08/03/22

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

LCS (BFH0084-BS1)

Prepared & Analyzed: 08/03/22

Chloride	3.25	0.0600	mg/L	3.00	108	90-110
Sulfate	15.8	0.300	"	15.0	105	90-110

Duplicate (BFH0084-DUP1)

Source: 2207407-01

Prepared & Analyzed: 08/03/22

Chloride	10.0	1.20	mg/L	11.2	11.3	20
Sulfate	79.6	60.0	"	81.0	1.74	20

Matrix Spike (BFH0084-MS1)

Source: 2207407-01

Prepared & Analyzed: 08/03/22

Chloride	647	12.0	mg/L	600	11.2	106	80-120
Sulfate	3680	60.0	"	3000	81.0	120	80-120

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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

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

Batch BFG0545 - General Preparation

Blank (BFG0545-BLK1)

Prepared & Analyzed: 07/29/22

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BFG0545-DUP1)

Source: 2207407-01

Prepared & Analyzed: 07/29/22

Total Dissolved Solids 412 10.0 mg/L 412 0.0243 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: Noble - Webster 15-28

Project Number: [none]
Project Manager: Paul Henchan

Reported:
08/08/22 08:46

Notes and Definitions

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