

FREMONT ENVIRONMENTAL INC.

May 11, 2022

Mr. Jacob Evans
Noble Energy Inc.
2115 117th Ave,
Greeley, CO 80634

Subject: **Groundwater Data Submittal**
 McClellan 4-1
 API # 05-123-12111
 SWNE Sec 4, T4N, R65W
 Weld County, Colorado
 Fremont Project No. C020-017
 Facility # 322823, Remediation # 15429

Dear Mr. Evans:

Enclosed please find a copy of the above referenced Groundwater Data Submittal for the McClellan 4-1 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. Henehan, P.E.
Senior Consultant

Enclosure

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE ENERGY INC.
McCLELLAN 4-1, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C020-017

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 MW-1R	03/26/20	100	1.2	170	470	NA	NA	NA	99.08	9.57	89.51	NP
	06/24/20	NS	NS	NS	NS	NA	NA	NA	100.00	SUBMERGED	NS	NS
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.54	96.46	NP
	12/17/20	1.3	<1.0	180	5800	NA	NA	NA	100.12	6.04	94.08	NP
	03/18/21	6.4	<1.0	900	5900	110	1600	450		7.85	92.27	NP
	06/28/21	<1.0	<1.0	<1.0	<2.0	8.4	<1.0	22		4.45	95.67	NP
	12/20/21	2.0	<1.0	1300	8500	66	1100	520	100.34	5.81	94.53	NP
	03/28/22	<1.0	<1.0	220	5100	28	1500	160		7.52	92.82	NP
MW-2 MW-2R	03/27/20	11	<1.0	4.1	3.3	NA	NA	NA	99.81	10.28	89.53	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.45	5.05	95.40	NP
	09/21/20	8.3	<1.0	<1.0	<2.0	NA	NA	NA		5.42	95.03	NP
	12/17/20	160	<1.0	880	1700	NA	NA	NA	100.08	5.92	94.16	NP
	03/18/21	500	<1.0	1100	1600	36	200	140		7.75	92.33	NP
	06/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.33	95.75	NP
	12/20/21	110	<1.0	160	130	1.6	<1.0	<1.0		5.54	94.54	NP
	03/28/22	70	<1.0	180	140	1.1	2.2	<1.0		7.21	92.87	NP
MW-3 MW-3R	03/27/20	140	<1.0	<1.0	160	NA	NA	NA	99.13	9.60	89.53	NP
	06/24/20	NS	NS	NS	NS	NA	NA	NA	99.74	SUBMERGED	NS	NS
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.69	96.05	NP
	12/17/20	8.1	<1.0	49	3.2	NA	NA	NA	100.51	6.40	94.11	NP
	03/18/21	53	<1.0	140	220	38	54	7.4		8.20	92.31	NP
	06/28/21	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<1.0		4.82	95.69	NP
	12/20/21	21	<1.0	9.0	28	56	<1.0	<1.0		5.96	94.55	NP
	03/28/22	8.6	<1.0	<1.0	59	9.7	11	3.1		7.73	92.78	NP
MW-4	03/27/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	99.61	10.09	89.52	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.31	4.90	95.41	NP
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.41	95.90	NP
	12/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		6.31	94.00	NP
	03/18/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		8.03	92.28	NP
	06/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.68	95.63	NP
	12/20/21	<1.0	<1.0	<1.0	<2.0	4.2	<1.0	<1.0		5.84	94.47	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.55	92.76	NP

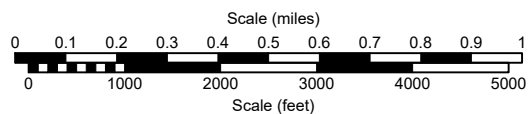
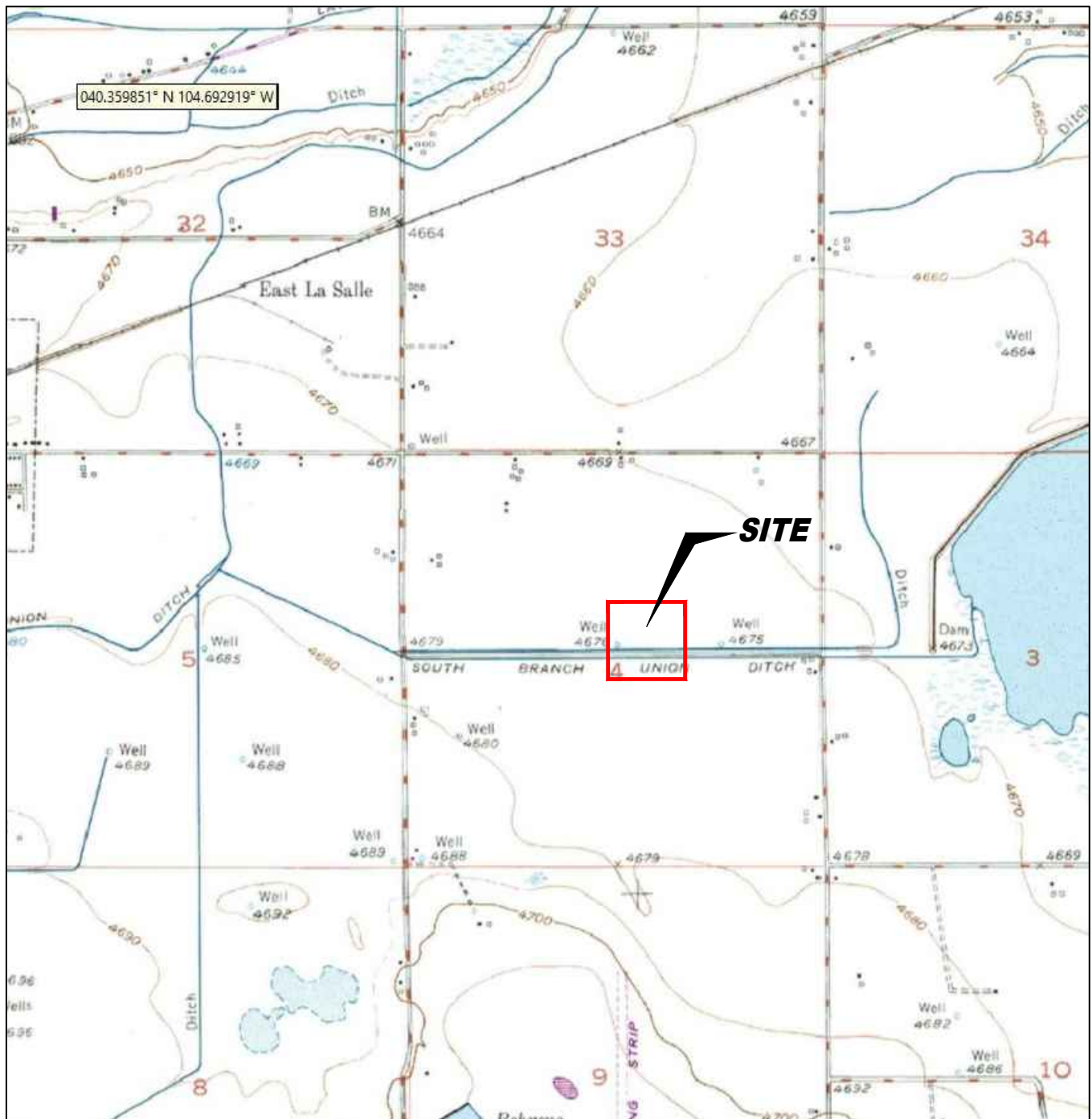
SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	NAPHTHALENE (µg/L)	1,2,4 TRIMETHYL-BENZENE (µg/L)	1,3,5 TRIMETHYL-BENZENE (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-5	03/27/20	<1.0	<1.0	2.8	<2.0	NA	NA	NA	99.71	10.28	89.43	NP
	06/24/20	1.3	<1.0	<1.0	<2.0	NA	NA	NA	100.38	5.00	95.38	NP
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.59	95.79	NP
	12/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.38	6.43	93.95	NP
	03/18/21	<1.0	<1.0	1.8	<2.0	<1.0	<1.0	<1.0		8.19	92.19	NP
	06/28/21	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
	12/20/21	20	<1.0	5.6	<2.0	<1.0	<1.0	<1.0	100.78	6.33	94.45	NP
	03/28/22	12	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.99	92.79	NP
MW-8R	03/27/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	99.61	10.03	89.58	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.30	4.81	95.49	NP
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.30	96.00	NP
	12/17/20	Snow/NF	Snow/NF	Snow/NF	Snow/NF	NA	NA	NA		Snow/NF	Snow/NF	Snow/NF
	03/18/21	Snow/NF	Snow/NF	Snow/NF	Snow/NF	NA	NA	NA		Snow/NF	Snow/NF	Snow/NF
	06/28/21	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
	12/20/21	<1.0	<1.0	36	950	1500	23000	12000	100.47	5.84	94.63	NP
	03/28/22	270	<1.0	240	780	36	440	290		7.6	92.87	NP
MW-9R	03/27/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.00	10.49	89.51	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.67	5.35	95.32	NP
	09/21/20	<1.0	<1.0	<1.0	18	NA	NA	NA		4.69	95.98	NP
	12/17/20	51	<1.0	13	<2.0	NA	NA	NA	100.63	6.54	94.09	NP
	03/18/21	350	<1.0	110	12	48	<1.0	<1.0		8.23	92.40	NP
	06/28/21	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
	12/20/21	220	<1.0	530	1400	62	350	190	100.86	6.35	94.51	NP
	03/28/22	260	<1.0	530	1100	110	180	260		8.13	92.73	NP
MW-10	03/27/20	<1.0	<1.0	2.7	3.3	NA	NA	NA	99.93	10.40	89.53	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.76	5.36	95.40	NP
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.77	95.99	NP
	12/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		6.68	94.08	NP
	03/18/21	<1.0	<1.0	<1.0	<2.0	1.6	6.1	<1.0		8.47	92.29	NP
	06/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.09	95.67	NP
	12/20/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		6.21	94.55	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.99	92.77	NP
MW-13	03/27/20	3.5	<1.0	6.8	<2.0	NA	NA	NA	99.46	10.04	89.42	NP
	06/24/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.10	4.71	95.39	NP
	09/21/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.27	95.83	NP
	12/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		6.10	94.00	NP

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-13	03/18/21	<1.0	<1.0	<1.0	<2.0	8.7	<1.0	<1.0		7.92	92.18	NP
	06/28/21	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
MW-13R	12/20/21	900	<1.0	8.3	<2.0	47	<1.0	<1.0	100.39	5.96	94.43	NP
	03/28/22	<1.0	<1.0	36	430	9.8	350	130		7.72	92.67	NP
MW-14	02/01/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.00	6.53	93.47	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.24	92.76	NP
MW-15	02/01/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.95	6.60	93.35	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.32	92.63	NP
MW-16	02/01/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.93	6.55	93.38	NP
	03/28/22	23	<1.0	<1.0	<2.0	<1.0	59	<1.0		7.27	92.66	NP
MW-17	02/01/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.30	6.90	93.40	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.67	92.63	NP
MW-18	02/01/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.97	6.60	93.37	NP
	03/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		7.82	92.15	NP
Table 915-1 Standards		5	560	700	1,400	140	67	67				

Bold face values exceed the COGCC limits

Snow/NF - Well was not found due to snow cover

NP - No Free Product



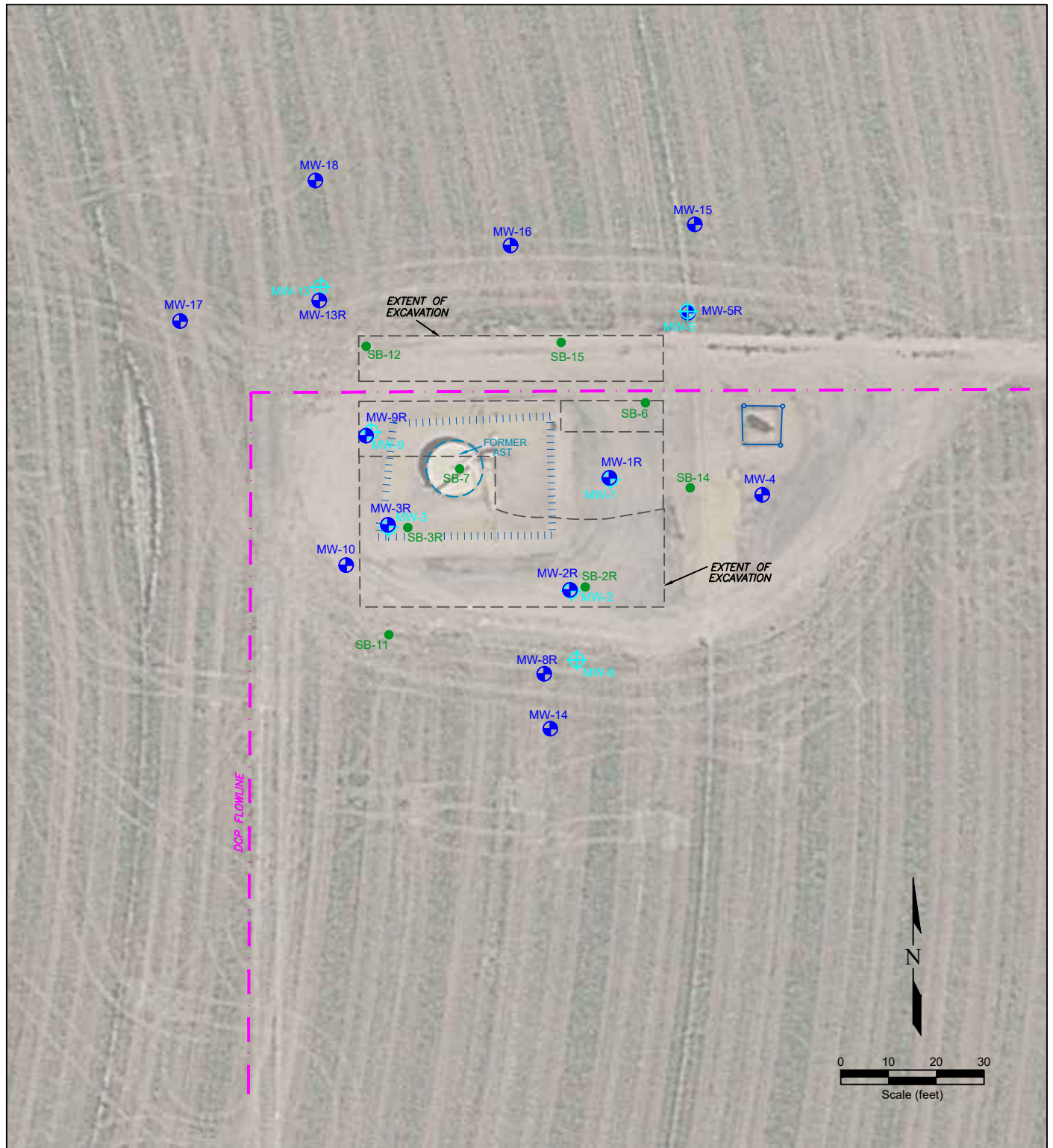
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Noble Energy, Inc. ~ McClellan 4-1 Etc.
SWNE Sec. 4, T4N, R6SW, 6th PM
Weld County, Colorado
40.34531, -104.66551

Project No. CO20-017	API # 05-123-12111	Facility # 322823
Date 5/10/22	Reviewed by EB	Filename 20017T





LEGEND

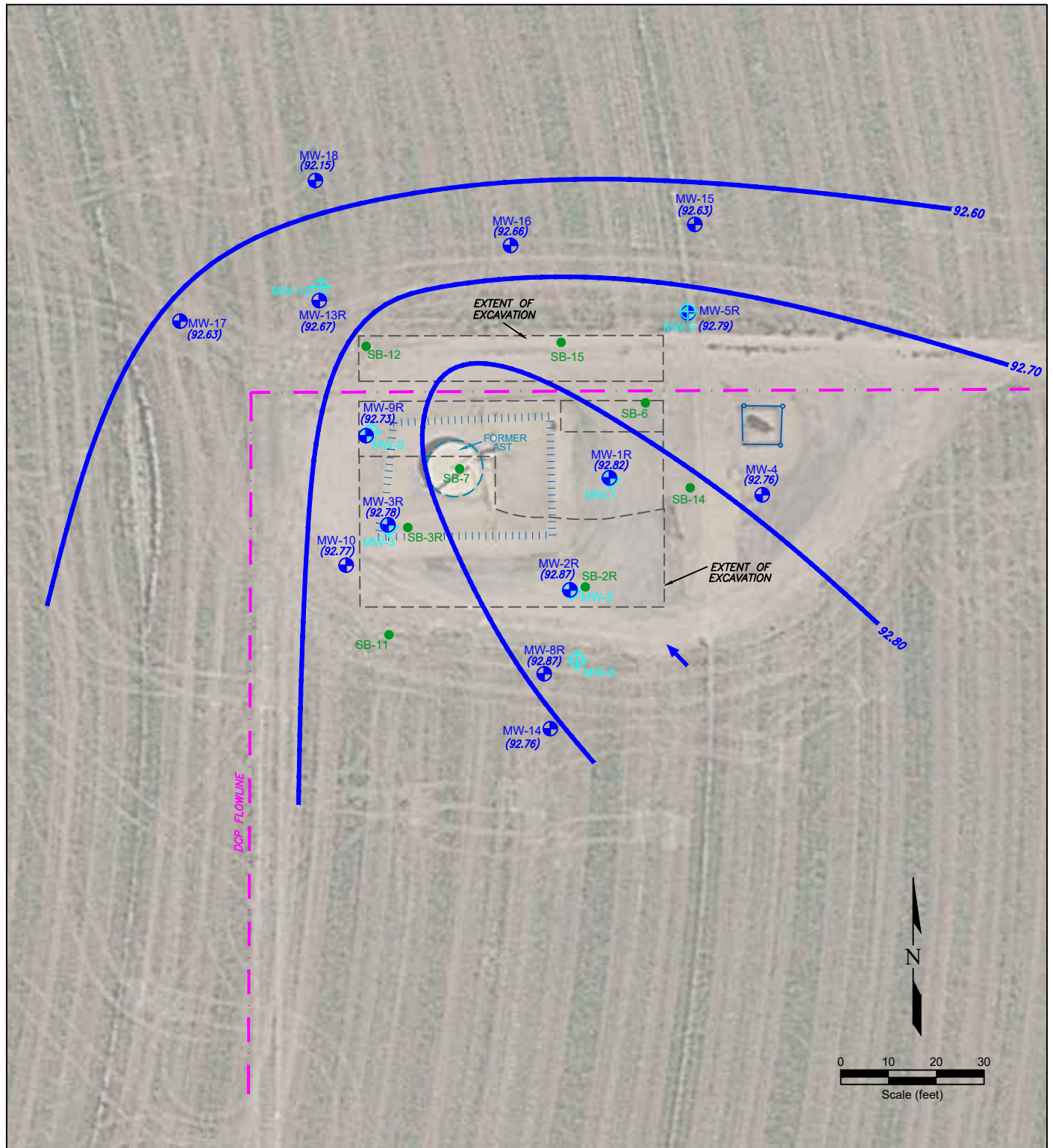
- SOIL BORING
- ⊕ MONITORING WELL
- ⊕ DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- FENCE LINE
- - - CONTAINMENT BERM
- - - DCP FLOWLINE
- - - EXTENT OF EXCAVATION

Figure 2
SITE MAP

Noble Energy, Inc. ~ McClellan 4-1 Etc.
SWNE Sec. 4, T4N, R65W, 6th PM
Weld County, Colorado
40.34531, -104.66551

Project No. CO20-017	API # 05-123-12111	Facility # 322823
Date 5/10/22	Reviewed by EB	Filename 20017T





LEGEND

- SOIL BORING
- ⊕ MONITORING WELL
- ⊕ DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- FENCE LINE
- - - CONTAINMENT BERM
- - - DCP FLOWLINE
- - - EXTENT OF EXCAVATION
- (94.00) GROUND WATER ELEVATION (feet above mean sea level)
- INFERRED GROUND WATER FLOW DIRECTION
- (94.00) WATER TABLE CONTOUR (feet above mean sea level)

Figure 3

INFERRED GROUNDWATER ELEVATIONS MAP March 28, 2022

Noble Energy, Inc. ~ McClellan 4-1 Etc.

SWNE Sec. 4, T4N, R65W, 6th PM

Weld County, Colorado

40.34531, -104.66551

Project No. **CO20-017**

API # **05-123-12111**

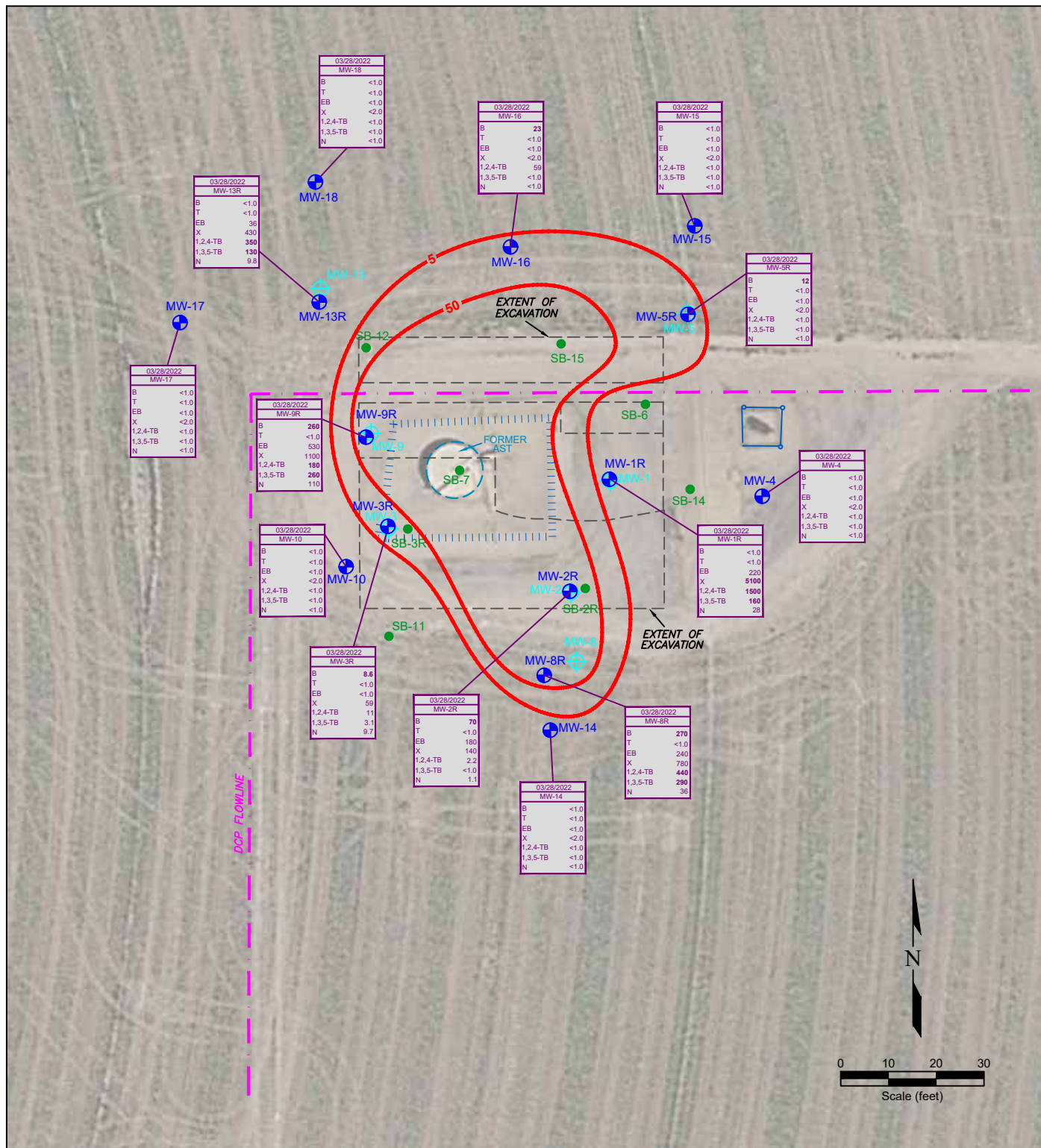
Facility # **322823**

Date
5/10/22

Reviewed by
EB

Filename
20017T





LEGEND

●	SOIL BORING
⊕	MONITORING WELL
⊕	DESTROYED MONITORING WELL
○	ABOVE GROUND STORAGE TANK
FORMER	FORMER FACILITY
—	FENCE LINE
—	CONTAINMENT BERM
—	DCP FLOWLINE
---	EXTENT OF EXCAVATION

DATE SAMPLED	SAMPLE ID	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	1,2,4-TRIMETHYLBENZENE (ug/L)	1,3,5-TRIMETHYLBENZENE (ug/L)	NAPHTHALENE (ug/L)
03/28/2022	MW-1R	<1.0	<1.0	220	5100	1500	160	28
03/28/2022	MW-2R	<1.0	<1.0	180	140	2.2	<1.0	1.1
03/28/2022	MW-3R	8.6	<1.0	<1.0	59	11	3.1	9.7
03/28/2022	MW-9R	260	<1.0	530	1100	190	260	110
03/28/2022	MW-10	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-13R	<1.0	<1.0	36	430	350	130	9.8
03/28/2022	MW-13R	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-16	23	<1.0	<1.0	<2.0	59	<1.0	<1.0
03/28/2022	MW-18	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-15	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-5R	12	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-4	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
03/28/2022	MW-1R	<1.0	<1.0	220	5100	1500	160	28
03/28/2022	MW-8R	270	<1.0	240	780	440	290	36
03/28/2022	MW-14	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0

Figure 4
GROUNDWATER CHEMISTRY MAP
March 28, 2022

Noble Energy, Inc. ~ McClellan 4-1 Etc.
SWNE Sec. 4, T4N, R65W, 6th PM
Weld County, Colorado
40.34531, -104.66551

Project No.	API #	Facility #
CO20-017	05-123-12111	322823
Date	Reviewed by	Filename
5/10/22	EB	20017T



Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 13, 2022

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549
RE: Noble - McClellan 4-1
Work Order #2204013

Enclosed are the results of analyses for samples received by Summit Scientific on 04/01/22 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1R	2204013-01	Water	03/28/22 00:00	04/01/22 15:00
MW-2R	2204013-02	Water	03/28/22 00:00	04/01/22 15:00
MW-3R	2204013-03	Water	03/28/22 00:00	04/01/22 15:00
MW-4	2204013-04	Water	03/28/22 00:00	04/01/22 15:00
MW-5R	2204013-05	Water	03/28/22 00:00	04/01/22 15:00
MW-8R	2204013-06	Water	03/28/22 00:00	04/01/22 15:00
MW-9R	2204013-07	Water	03/28/22 00:00	04/01/22 15:00
MW-10	2204013-08	Water	03/28/22 00:00	04/01/22 15:00
MW-13R	2204013-09	Water	03/28/22 00:00	04/01/22 15:00
MW-14	2204013-10	Water	03/28/22 00:00	04/01/22 15:00
MW-15	2204013-11	Water	03/28/22 00:00	04/01/22 15:00
MW-16	2204013-12	Water	03/28/22 00:00	04/01/22 15:00
MW-17	2204013-13	Water	03/28/22 00:00	04/01/22 15:00
MW-18	2204013-14	Water	03/28/22 00:00	04/01/22 15:00

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

2204013.1

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 2

Client: Fremont Environmental

Project Manager: Paul Henehan

Address: P.O Box 1289

E-Mail: paulh@fremontenv.com, ethanb@fremontenv.com

City/State/Zip: Wellington, CO 80549

Bill to: Arch

Phone: 303-956-8714

Project Name: Washburne Noble-McClellan 4-1

Sampler Name: EB

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested										Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEXN - 915	GRO	DRO/ORO	SAR	EC	pH	Boron	PAH - 915			
1	MW-1R	3/28/22		3			X		X				X	X									
2	MW-2R																						
3	MW-3R																						
4	MW-4																						
5	MW-5R																						
6	MW-6R																						
7	MW-7R																						
8	MW-10																						
9	MW-13R																						
10	MW-14																						

Relinquished by: <u>Ethan Black</u>	Date/Time: <u>4/1/22</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/22 1500</u>	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 hours 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/>	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: <u>4.3</u> Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Summit Scientific

2204013.2

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 2 of 2

Client: Fremont Environmental

Project Manager: Paul Henchan

Address: P.O Box 1289

E-Mail: paulh@fremontenv.com, ethanb@fremontenv.com

City/State/Zip: Wellington, CO 80549

Bill to: Jacob

Phone: 303-956-8714

Project Name: Noble- McClellan 4-1

Sampler Name: EB

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested										Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEXN - 915	THG	GRO	DRO/ORO	SAR	EC	pH	Boron	PAH - 915		
1	MW-15	2/28/03		3			X		X				X	X									
2	MW-16			1																			
3	MW-17			1																			
4	MW-18			1																			
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by: <u>Ethan Black</u>	Date/Time: <u>4/1/03</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/22/03</u>	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> Sample Integrity: Temperature Upon Receipt: <u>4.3</u> Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:		
Relinquished by:	Date/Time:	Received by:	Date/Time:		



2/2
Sample Receipt Checklist

S2 Work Order# 2204013

Client: Fremont Client Project ID: Noble-McClellan 4-1

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

Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

Temp (°C) 4.3

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°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 with holding times due within 48 hours sample due within 48 hours present?		-		
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, H2SO4, NaOH, HNO3, 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.

[Signature]
Custodian Printed Name or Initials

4.1.22
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-1R
2204013-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFD0068	04/04/22	04/09/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	220	1.0		"	"	"	"	"	"	
Xylenes (total)	5100	20		"	10	"	"	04/07/22	"	
Naphthalene	28	1.0		"	1	"	"	04/09/22	"	
1,2,4-Trimethylbenzene	1500	10		"	10	"	"	04/07/22	"	
1,3,5-Trimethylbenzene	160	1.0		"	1	"	"	04/09/22	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		119 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		95.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %		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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-2R
2204013-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	70	1.0		ug/l	1	BFD0068	04/04/22	04/07/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	180	1.0		"	"	"	"	"	"	
Xylenes (total)	140	2.0		"	"	"	"	"	"	
Naphthalene	1.1	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	2.2	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		112 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		94.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		119 %		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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-3R
2204013-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	8.6	1.0		ug/l	1	BFD0068	04/04/22	04/07/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	59	2.0		"	"	"	"	"	"	
Naphthalene	9.7	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	11	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	3.1	1.0		"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		92.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		130 %		21-167		"	"	"	"	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-4
2204013-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-5R
2204013-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	12	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		128 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

MW-8R
2204013-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	270	1.0		ug/l	1	BFD0068	04/04/22	04/11/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	240	1.0		"	"	"	"	"	"	
Xylenes (total)	780	200		"	100	"	"	04/07/22	"	
Naphthalene	36	1.0		"	1	"	"	04/11/22	"	
1,2,4-Trimethylbenzene	440	100		"	100	"	"	04/07/22	"	
1,3,5-Trimethylbenzene	290	100		"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		121 %		23-173		"	"	04/11/22	"	
Surrogate: Toluene-d8		93.4 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %		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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

MW-9R
2204013-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	260	100		ug/l	100	BFD0068	04/04/22	04/07/22	EPA 8260B	
Toluene	ND	1.0		"	1	"	"	04/11/22	"	
Ethylbenzene	530	100		"	100	"	"	04/07/22	"	
Xylenes (total)	1100	200		"	"	"	"	"	"	
Naphthalene	110	100		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	180	100		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	260	100		"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		109 %		23-173		"	"	04/11/22	"	
Surrogate: Toluene-d8		91.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %		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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-10
2204013-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-13R
2204013-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/11/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	36	1.0	"	"	"	"	"	"	
Xylenes (total)	430	2.0	"	"	"	"	"	"	
Naphthalene	9.8	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	350	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	130	1.0	"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-14
2204013-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.3 %	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: Noble - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

MW-15
2204013-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

MW-16
2204013-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	23	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	59	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-17
2204013-13 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.7 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henehan

Reported:
04/13/22 10:37

MW-18
2204013-14 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFD0068	04/04/22	04/07/22	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: **03/28/22 00:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.5 %	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 - McClellan 4-1

Project Number: [none]
Project Manager: Paul Henchan

Reported:
04/13/22 10:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch BFD0068 - EPA 5030 Water MS

Blank (BFD0068-BLK1)

Prepared: 04/04/22 Analyzed: 04/07/22

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	14.8		"	13.3		111	23-173			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	20-170			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		99.5	21-167			

LCS (BFD0068-BS1)

Prepared: 04/04/22 Analyzed: 04/07/22

Benzene	35.7	1.0	ug/l	41.7		85.7	51-132			
Toluene	39.9	1.0	"	41.7		95.8	51-138			
Ethylbenzene	42.1	1.0	"	41.7		101	58-146			
m,p-Xylene	84.3	2.0	"	83.3		101	57-144			
o-Xylene	42.0	1.0	"	41.7		101	53-146			
Naphthalene	37.3	1.0	"	41.7		89.5	70-130			
1,2,4-Trimethylbenzene	48.9	1.0	"	41.7		117	70-130			
1,3,5-Trimethylbenzene	48.2	1.0	"	41.7		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		113	23-173			
Surrogate: Toluene-d8	13.2		"	13.3		99.3	20-170			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		100	21-167			

Matrix Spike (BFD0068-MS1)

Source: 2204012-21

Prepared: 04/04/22 Analyzed: 04/07/22

Benzene	36.1	1.0	ug/l	41.7	ND	86.6	34-141			
Toluene	39.9	1.0	"	41.7	ND	95.7	27-151			
Ethylbenzene	42.4	1.0	"	41.7	ND	102	29-160			
m,p-Xylene	84.3	2.0	"	83.3	ND	101	20-166			
o-Xylene	42.4	1.0	"	41.7	ND	102	33-159			
Naphthalene	41.6	1.0	"	41.7	ND	99.7	70-130			
1,2,4-Trimethylbenzene	49.6	1.0	"	41.7	ND	119	70-130			
1,3,5-Trimethylbenzene	48.0	1.0	"	41.7	ND	115	70-130			
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3		116	23-173			
Surrogate: Toluene-d8	12.8		"	13.3		96.0	20-170			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	21-167			

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Project Manager: Paul Henchan

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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 BFD0068 - EPA 5030 Water MS

Matrix Spike Dup (BFD0068-MSD1)		Source: 2204012-21			Prepared: 04/04/22 Analyzed: 04/07/22					
Benzene	35.6	1.0	ug/l	41.7	ND	85.4	34-141	1.40	30	
Toluene	39.5	1.0	"	41.7	ND	94.9	27-151	0.806	30	
Ethylbenzene	42.0	1.0	"	41.7	ND	101	29-160	0.782	30	
m,p-Xylene	83.9	2.0	"	83.3	ND	101	20-166	0.428	30	
o-Xylene	41.8	1.0	"	41.7	ND	100	33-159	1.42	30	
Naphthalene	42.4	1.0	"	41.7	ND	102	70-130	1.91	30	
1,2,4-Trimethylbenzene	48.9	1.0	"	41.7	ND	117	70-130	1.46	30	
1,3,5-Trimethylbenzene	47.3	1.0	"	41.7	ND	113	70-130	1.60	30	
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Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		113	23-173			
Surrogate: Toluene-d8	13.2		"	13.3		98.9	20-170			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	21-167			

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04/13/22 10:37

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