

FREMONT ENVIRONMENTAL INC.

June 10, 2020

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

Subject: **Groundwater Data Submittal**
UPRC Federal 27-3F, 6F
API # 05-123-15369
SENW Sec 27, T4N, R66W
Weld County, Colorado
Fremont Project No. C018-169
Location # 327961, Remediation # 12102

Dear Mr. Evans:

Enclosed please find a copy of the above referenced Groundwater Data Submittal for the UPRC Federal 27-3F, 6F 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

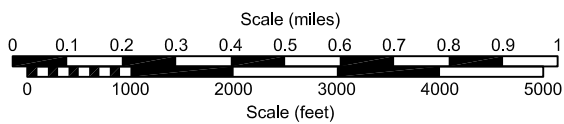
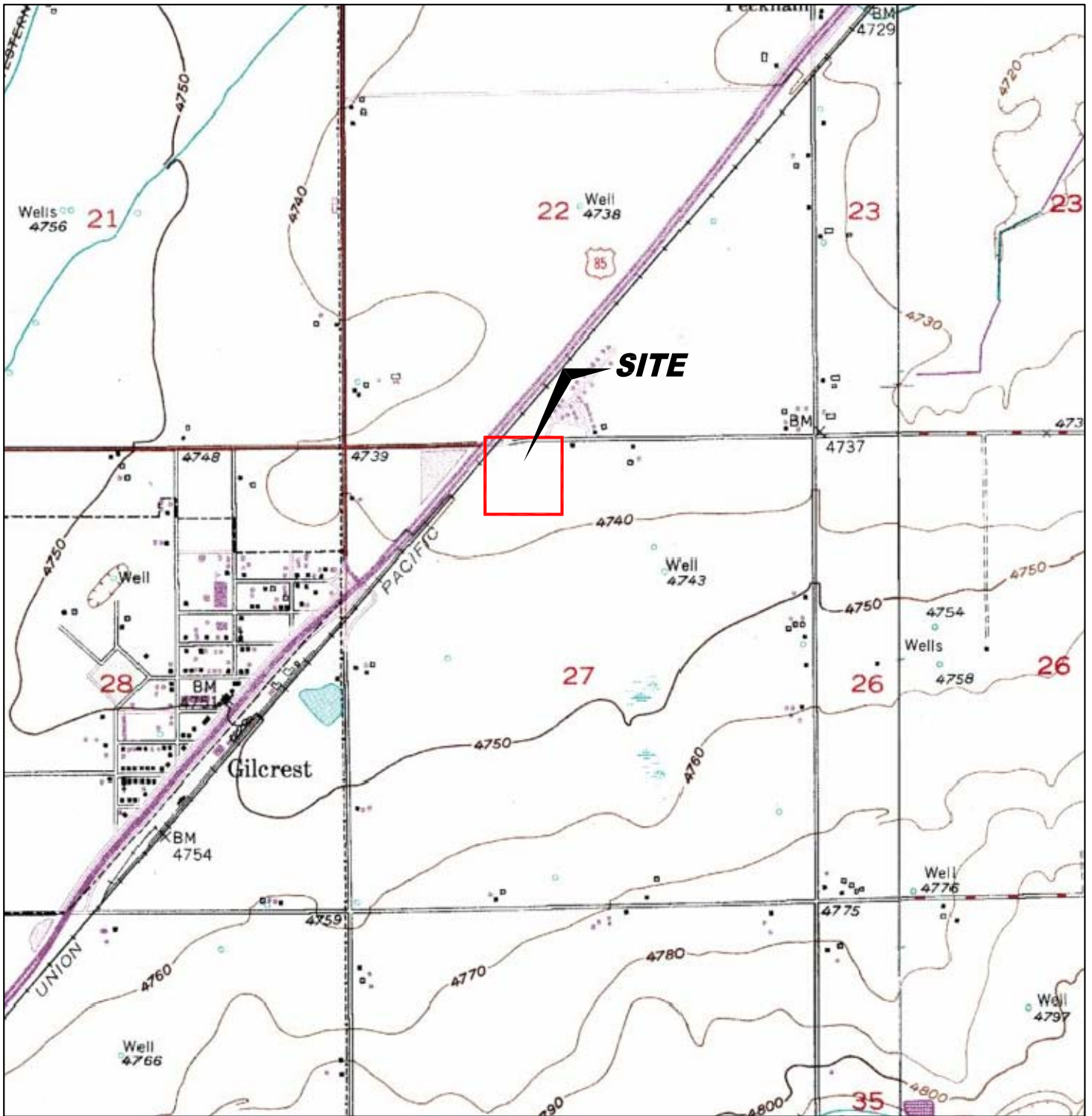
TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA AND CHEMISTRY DATA
NOBLE ENERGY INC.
UPRC FEDERAL 27-3F, 6F, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C018-169

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-1	11/21/18	<1.0	<1.0	<1.0	<1.0	99.68	8.00	91.68	NP
	02/28/19	<1.0	<1.0	<1.0	<2.0		9.64	90.04	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	99.47	10.73	88.74	NP
	08/12/19	<1.0	<1.0	<1.0	<2.0		8.25	91.22	NP
	11/05/19	<1.0	<1.0	<1.0	<2.0		7.83	91.64	NP
	02/20/20	<1.0	<1.0	<1.0	<2.0		9.75	89.72	NP
	05/26/20	<1.0	<1.0	<1.0	<2.0		9.53	89.94	NP
MW-2	11/21/18	<1.0	<1.0	<1.0	<1.0	100.00	8.24	91.76	NP
	02/28/19	<1.0	<1.0	<1.0	<2.0		9.84	90.16	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	99.80	10.93	88.87	NP
	08/12/19	<1.0	<1.0	<1.0	<2.0		8.53	91.27	NP
	11/05/19	<1.0	<1.0	<1.0	12		8.08	91.72	NP
	02/20/20	<1.0	<1.0	<1.0	<2.0		9.96	89.84	NP
	05/26/20	<1.0	<1.0	<1.0	<2.0		9.75	90.05	NP
MW-3	11/21/18	210	1100	100	1500	99.77	8.10	91.67	NP
	02/28/19	460	290	100	2600		10.21	89.56	NP
	05/15/19	360	300	92	1900	100.00	11.30	88.70	NP
	08/12/19	340	41	63	820		10.97	89.03	NP
	11/05/19	430	79	120	1500		8.40	91.60	NP
	02/20/20	190	12	48	440		10.32	89.68	NP
	05/26/20	66	<1.0	32	290		9.77	90.23	NP
MW-4	11/21/18	<1.0	<1.0	<1.0	<1.0	99.68	8.03	91.65	NP
	02/28/19	<1.0	<1.0	<1.0	<2.0		9.63	90.05	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	99.50	10.72	88.78	NP
	08/12/19	<1.0	<1.0	<1.0	<2.0		8.24	91.26	NP
	11/05/19	<1.0	<1.0	<1.0	<2.0		7.85	91.65	NP
	02/20/20	<1.0	<1.0	<1.0	<2.0		9.75	89.75	NP
	05/26/20	<1.0	<1.0	<1.0	<2.0		9.53	89.97	NP

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-5	11/21/18	<1.0	<1.0	<1.0	<1.0	99.75	8.18	91.57	NP
	02/28/19	<1.0	<1.0	<1.0	3.0		9.82	89.93	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	99.54	10.91	88.63	NP
	08/12/19	<1.0	<1.0	<1.0	<2.0		8.37	91.17	NP
	11/05/19	<1.0	<1.0	<1.0	<2.0		7.99	91.55	NP
	02/20/20	<1.0	<1.0	<1.0	<2.0		9.94	89.60	NP
	05/26/20	<1.0	<1.0	<1.0	<2.0		9.71	89.83	NP
Table 910-1 Limits		5	560	700	1,400				

Bold face values exceed the COGCC limits

NP - No Free Product



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

NOBLE UPRC FEDERAL 27-3F, 6F
NENW Section 27, T4N R66W
Weld County, Colorado

Project No. CO18-169	Prepared by	Drawn by TA
Date 6/4/20	Reviewed by EB	Filename 18169T





LEGEND

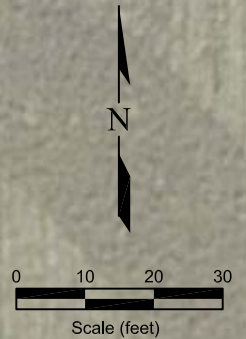
- | | | | |
|---|---------------------------|---|----------------------|
|  | MONITORING WELL |  | CONTAINMENT WALL |
|  | ABOVE GROUND STORAGE TANK |  | LIMITS OF EXCAVATION |
|  | FORMER FACILITY |  | CONTAINMENT BERM |
| | |  | FENCE LINE |
| | | | DCP PIPELINE |

**Figure 2
SITE MAP**

NOBLE UPRC FEDERAL 27-3F, 6F
 NENW Section 27, T4N R66W
 Weld County, Colorado

Project No. CO18-169	Prepared by	Drawn by TA
Date 6/4/20	Reviewed by EB	Filename 18169Q





LEGEND













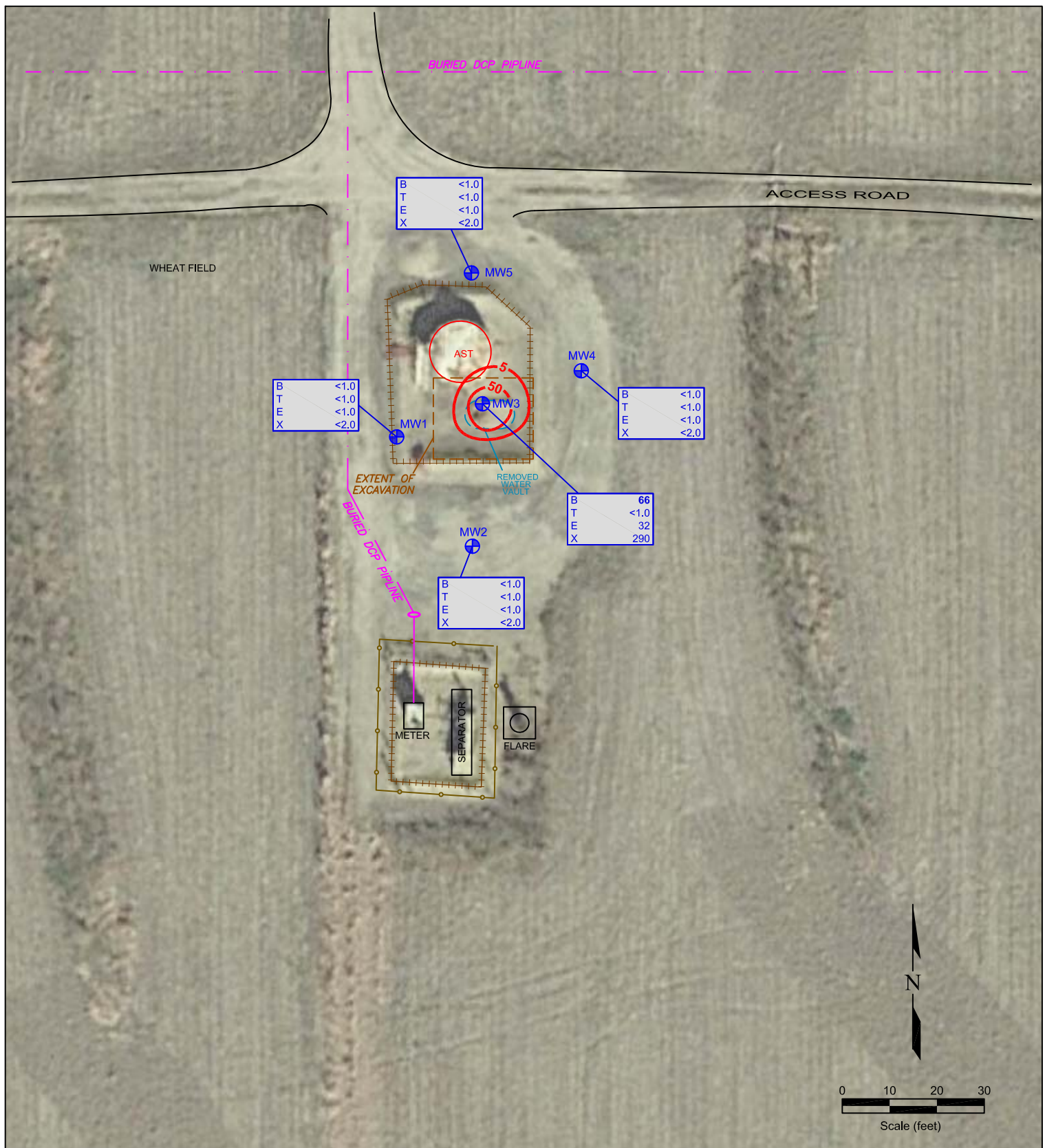
-  MONITORING WELL
-  ABOVE GROUND STORAGE TANK
-  FORMER FACILITY
-  (88.95) GROUND WATER ELEVATION (feet above mean sea level)
-  89.00 WATER TABLE CONTOUR (feet above mean sea level)
-  INFERRED GROUND WATER FLOW DIRECTION
-  CONTAINMENT WALL
-  LIMITS OF EXCAVATION
-  CONTAINMENT BERM
-  FENCE LINE
-  DCP PIPELINE

Figure 3
INFERRED GROUNDWATER CONTOUR MAP
 May 26, 2020

NOBLE UPRC FEDERAL 27-3F, 6F
 NENW Section 27, T4N R66W
 Weld County, Colorado

Project No. CO18-169	Prepared by	Drawn by TA	
Date 6/4/20	Reviewed by EB	Filename 18169Q	



LEGEND

- MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- LIMITS OF EXCAVATION
- CONTAINMENT BERM
- FENCE LINE
- DCP PIPELINE

B	<1.0	BENZENE (ug/L)
T	<1.0	TOLUENE (ug/L)
E	<1.0	ETHYLBENZENE (ug/L)
X	<2.0	TOTAL XYLENES (ug/L)

BENZENE ISOCONCENTRATION (ug/L)
Inferred in part from historical data

Figure 4
GROUND WATER CHEMISTRY WITH
BENZENE ISO-CONCENTRATION MAP
May 26, 2020
NOBLE UPRC FEDERAL 27-3F, 6F
NENW Section 27, T4N R66W
Weld County, Colorado

Project No. CO18-169	Prepared by	Drawn by TA	
Date 6/4/20	Reviewed by EB	Filename 18169Q	

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 02, 2020


Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Noble - UPRC Federal 27-3F, 6F

Work Order #2005253

Enclosed are the results of analyses for samples received by Summit Scientific on 05/26/20 16:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large, stylized initial "M".

Muri Premer For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/02/20 10:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	2005253-01	Water	05/26/20 00:00	05/26/20 16:25
MW-2	2005253-02	Water	05/26/20 00:00	05/26/20 16:25
MW-3	2005253-03	Water	05/26/20 00:00	05/26/20 16:25
MW-4	2005253-04	Water	05/26/20 00:00	05/26/20 16:25
MW-5	2005253-05	Water	05/26/20 00:00	05/26/20 16:25

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.

Summit Scientific

S₂

2005253

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

Page 1 of 1

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: Jacob

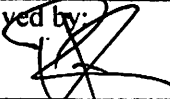
Phone: 303-956-8714

Project Name: Noble - UPRC Federal 27-3F, 6F

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	BTEX	Naphthalene	GRO	DRO	SAR	EC		pH
1	MW-1	5/26/20		2			X		X					X						
2	MW-2																			
3	MW-3																			
4	MW-4																			
5	MW-5																			
6																				
7																				
8																				
9																				
10																				

Relinquished by: Ethan Black	Date/Time: 5/26/20 1628	Received by: 	Date/Time: 05/26/2020 1625	Turn Around Time (Check)	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day _____ 72 hours _____	
Relinquished by:	Date/Time:	Received by:	Date/Time:	24 hours _____ Standard <input checked="" type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	48 hours _____	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
				Temperature Upon Receipt: 32	
				Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	

Sample Receipt Checklist

S2 Work Order 2005253

Client: Teamwork Environmental Client Project ID: WVLE - UPRC Federal 27-3P, 6F

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

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

Temp (°C) 30

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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽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, H2SO4, NaOH, HNO3, ect	<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.

[Signature]
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

05/26/2020
Date/Time



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

MW-1
2005253-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	2005324	05/27/20	05/30/20	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		131 %		23-173	"	"	"	"	
Surrogate: Toluene-d8		89.2 %		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 - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

MW-2
2005253-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	2005324	05/27/20	05/30/20	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		130 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		89.5 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		21-167		"	"	"	"	

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

MW-3
2005253-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	66	25	ug/l	25	2005324	05/27/20	05/30/20	EPA 8260B	
Toluene	ND	1.0	"	1	"	"	"	"	
Ethylbenzene	32	25	"	25	"	"	"	"	
Xylenes (total)	290	50	"	"	"	"	"	"	

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

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 PO Box 1289
 Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

MW-4
2005253-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	2005324	05/27/20	05/30/20	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		134 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		88.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		21-167		"	"	"	"	

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

MW-5
2005253-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	2005324	05/27/20	05/30/20	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	

Date Sampled: **05/26/20 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		134 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		21-167		"	"	"	"	

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - UPRC Federal 27-3F, 6F

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/02/20 10:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 2005324 - EPA 5030 Water MS

Blank (2005324-BLK1)

Prepared: 05/27/20 Analyzed: 05/28/20

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	2.0	"								
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3		116		23-173			
Surrogate: Toluene-d8	12.1		"	13.3		90.8		20-170			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103		21-167			

LCS (2005324-BS1)

Prepared: 05/27/20 Analyzed: 05/28/20

Benzene	47.7	1.0	ug/l	41.7		114		51-132			
Toluene	44.0	1.0	"	41.7		106		51-138			
Ethylbenzene	49.2	1.0	"	41.7		118		58-146			
m,p-Xylene	85.4	2.0	"	83.3		102		57-144			
o-Xylene	44.0	1.0	"	41.7		106		53-146			
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		105		23-173			
Surrogate: Toluene-d8	12.9		"	13.3		96.8		20-170			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104		21-167			

Matrix Spike (2005324-MS1)

Source: 2005243-21

Prepared: 05/27/20 Analyzed: 05/28/20

Benzene	47.0	1.0	ug/l	41.7	ND	113		34-141			
Toluene	42.9	1.0	"	41.7	ND	103		27-151			
Ethylbenzene	48.4	1.0	"	41.7	ND	116		29-160			
m,p-Xylene	83.8	2.0	"	83.3	ND	101		20-166			
o-Xylene	43.3	1.0	"	41.7	ND	104		33-159			
Surrogate: 1,2-Dichloroethane-d4	15.1		"	13.3		113		23-173			
Surrogate: Toluene-d8	12.6		"	13.3		94.4		20-170			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100		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 - UPRC Federal 27-3F, 6F

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/02/20 10:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2005324 - EPA 5030 Water MS

Matrix Spike Dup (2005324-MSD1)

Source: 2005243-21

Prepared: 05/27/20 Analyzed: 05/28/20

Benzene	48.1	1.0	ug/l	41.7	ND	115	34-141	2.44	30	
Toluene	44.0	1.0	"	41.7	ND	106	27-151	2.51	30	
Ethylbenzene	50.5	1.0	"	41.7	ND	121	29-160	4.20	30	
m,p-Xylene	88.1	2.0	"	83.3	ND	106	20-166	4.99	30	
o-Xylene	45.4	1.0	"	41.7	ND	109	33-159	4.74	30	
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3		115	23-173			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	21-167			

Summit Scientific

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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