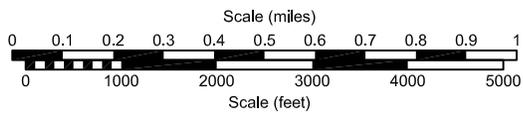
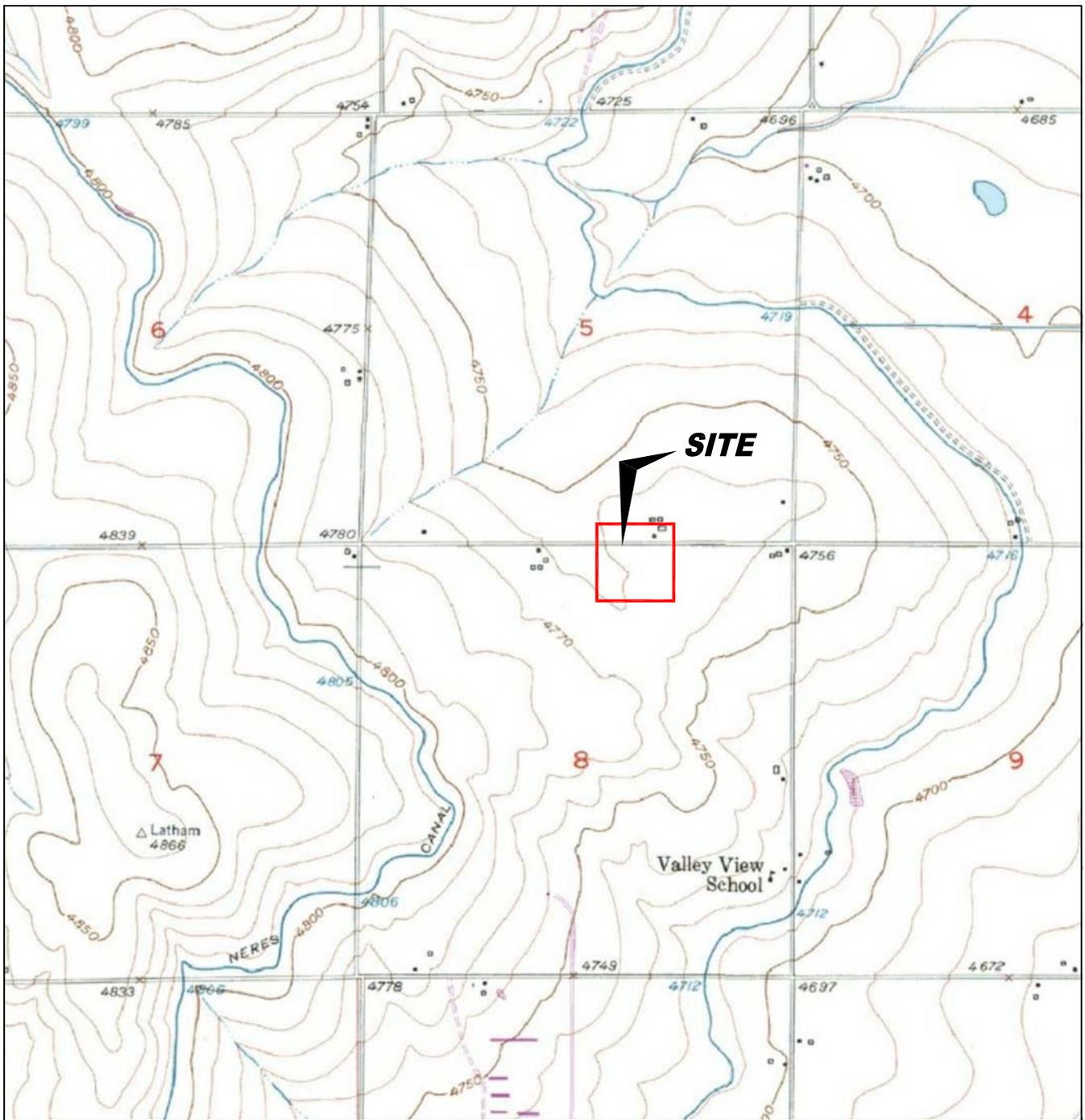


TABLE 1  
SUMMARY OF SOIL CHEMISTRY DATA  
NOBLE ENERGY INC.  
NORTHRUP C8-73HN, WELD COUNTY, COLORADO  
FREMONT PROJECT C020-101

Sample	Depth (ft)	Date Sampled	Location	Benzene mg/kg	Toluene mg/kg	Ethyl-Benzene mg/kg	Xylenes mg/kg	Naphthalene mg/kg	TPH GRO mg/kg	TPH DRO mg/kg	SAR units	pH pH units	EC mmhos/cm
E Floor 6 Ft	6	12/7/2020	Floor	0.011	<0.005	0.077	0.60	0.19	<b>670</b>	<b>1300</b>	NA	NA	NA
Center Floor 6 Ft	6	12/7/2020	Floor	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
SW Wall 5 Ft	5	12/7/2020	Wall	0.0054	0.053	0.0072	0.12	<0.01	<50	<50	NA	NA	NA
NE Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
SE Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
E Wall 3 Ft	3	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	0.529	8.23	0.227
Center N Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
Center S Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
NW Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
W Wall 5 Ft	5	12/7/2020	Wall	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
W Floor 6 Ft	6	12/7/2020	Floor	<0.002	<0.005	<0.005	<0.01	<0.01	<50	<50	NA	NA	NA
COGCC Table 910 Limits				0.17	85	100	175	23	500	500	12	6 to 9	4

Bold faced values exceed the COGCC Table 910-1 concentrations



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1  
SITE LOCATION MAP

**Noble Energy, Inc. ~ Northrup C8-73HN**  
NWNE Sec. 8, T4N, R68W ~ 40.33379°, -104.571996°  
Weld County, Colorado

Project No. <b>CO20-101</b>	Prepared by	Drawn by <b>TA</b>
Date <b>12/16/20</b>	Reviewed by <b>PH</b>	Filename <b>20101T</b>





**LEGEND**

-  ABOVE GROUND STORAGE TANK
-  FORMER FACILITY
-  CONTAINMENT BERM
-  EXTENT OF EXCAVATION
-  FENCE LINE

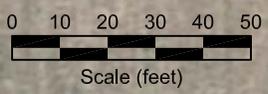
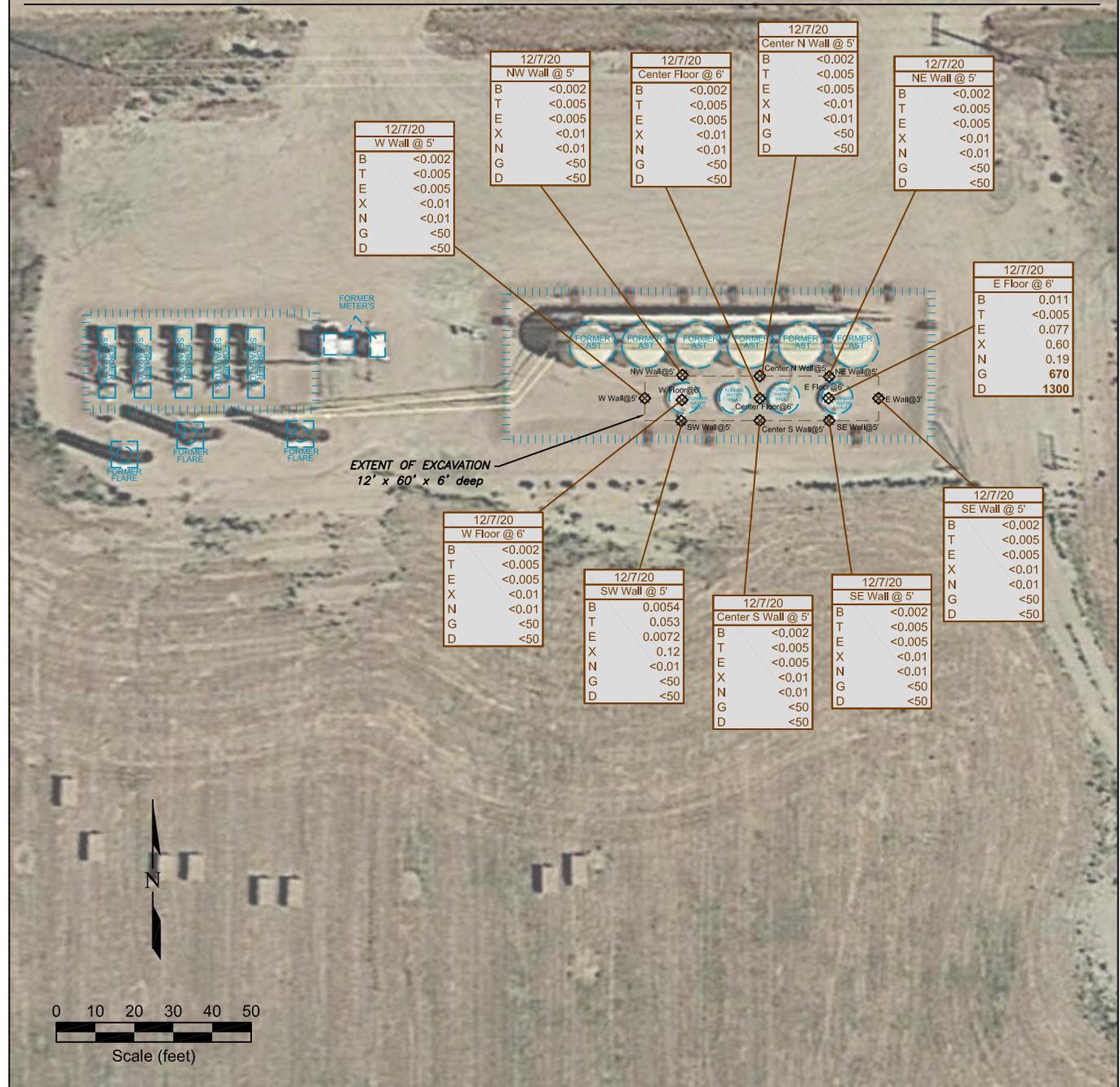
**Figure 2  
SITE MAP**

**Noble Energy, Inc. ~ Northrup C8-73HN**  
 NWNE Sec. 8, T4N, R68W ~ 40.33379°, -104.571996°  
 Weld County, Colorado

Project No. <b>CO20-101</b>	Prepared by	Drawn by <b>TA</b>
Date <b>12/16/20</b>	Reviewed by <b>PH</b>	Filename <b>20101T</b>



COUNTY ROAD 48



**LEGEND**

	SOIL SAMPLE LOCATION	12/7/20	DATE SAMPLED
	ABOVE GROUND STORAGE TANK	E Floor @ 6'	SAMPLE ID and DEPTH
	FORMER FACILITY	B 0.011	BENZENE (mg/kg)
	CONTAINMENT BERM	T <0.005	TOLUENE (mg/kg)
	EXTENT OF EXCAVATION	E 0.077	ETHYLBENZENE (mg/kg)
	FENCE LINE	X 0.6	TOTAL XYLENES (mg/kg)
		N 0.19	NAPHTHALENE (mg/kg)
		G 670	TPH-GRO (mg/kg)
		D 1300	TPH-DRO (mg/kg)

**Figure 3**  
**EXTENT OF EXCAVATION**  
**WITH SOIL CHEMISTRY MAP**  
**December 7, 2020**  
**Noble Energy, Inc. ~ Northrup C8-73HN**  
**NWNE Sec. 8, T4N, R68W ~ 40.33379°, -104.571996°**  
**Weld County, Colorado**

Project No. <b>CO20-101</b>	Prepared by <b>TA</b>	Drawn by <b>TA</b>	
Date <b>12/16/20</b>	Reviewed by <b>PH</b>	Filename <b>20101T</b>	

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 14, 2020

Paul Henchan  
Fremont Environmental  
PO Box 1289  
Wellington, CO 80549

RE: Noble - Northrup C8-73HN

Work Order #2012057

Enclosed are the results of analyses for samples received by Summit Scientific on 12/07/20 17:41. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Paul Shrewsbury  
President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E FLOOR 6FT	2012057-01	Soil	12/07/20 00:00	12/07/20 17:41
CENTER FLOOR 6FT	2012057-02	Soil	12/07/20 00:00	12/07/20 17:41
SW WALL 5FT	2012057-03	Soil	12/07/20 00:00	12/07/20 17:41
NE WALL 5FT	2012057-04	Soil	12/07/20 00:00	12/07/20 17:41
SE WALL 5.1	2012057-05	Soil	12/07/20 00:00	12/07/20 17:41
E WALL 3FT	2012057-06	Soil	12/07/20 00:00	12/07/20 17:41
CENTER N WALL 5FT	2012057-07	Soil	12/07/20 00:00	12/07/20 17:41
CENTER S WALL 5FT	2012057-08	Soil	12/07/20 00:00	12/07/20 17:41
NW WALL 5FT	2012057-09	Soil	12/07/20 00:00	12/07/20 17:41
W WALL 5FT	2012057-10	Soil	12/07/20 00:00	12/07/20 17:41
W FLOOR 6FT	2012057-11	Soil	12/07/20 00:00	12/07/20 17:41

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

2012057.1

S<sub>2</sub>

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: Jacob

Phone: 303-956-8714

Project Name: Noble - Northrup CB-73HN

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	E FLOOR 6FT	12/7/20		1			X			X				X	X	X	X					SAME DAY
2	CENTER FLOOR 6FT																					I
3	SW WALL 5FT																					
4	NE WALL 5FT																					STANDARD
5	SE WALL 5.1																					
6	E WALL 3FT													X	X	X	X	X	X	X	X	
7	CENTER N WALL 5FT																					
8	CENTER S WALL 5FT																					
9	NW WALL 5FT																					
10	ON WALL 5FT																					

Relinquished by: <i>G.H. Black</i>	Date/Time: 12/7/20 1700	Received by: <i>[Signature]</i>	Date/Time: 12/07/2020 1700
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Turn Around Time (Check)

Same Day  72 hours

24 hours  Standard

48 hours  \*See "SPECIAL INSTRUCTIONS"

Sample Integrity: *3.4*

Temperature Upon Receipt: *3.4*

Samples Intact:  Yes  No

Notes:

# Summit Scientific

S<sub>2</sub>

2012087.2

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

Page 2 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: AA: Jacob

Phone: 303-956-8714

Project Name: Noble - Northrup C8-73HN

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	W Floor 6FT	12/7/20		1			X			X				X	X	X	X				STANDARD
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: <u>CH Black</u>	Date/Time: <u>12/7/2020</u>	Received by: <u>[Signature]</u>	Date/Time: <u>12/7/2020 1700</u>	<b>Turn Around Time (Check)</b> Same Day <input type="checkbox"/> 72 hours 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> <b>Sample Integrity:</b> Temperature Upon Receipt: <u>3.4</u> Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	<b>Notes:</b>
Relinquished by:	Date/Time:	Received by:	Date/Time:		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

**Sample Receipt Checklist**

S2 Work Order 2012087

Client: FREMONT Client Project ID: NOBLE - NORTHRUP C8-73HN

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

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

Temp (°C)	3.4
-----------	-----

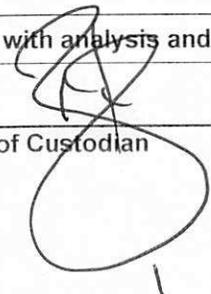
Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C <sup>(1)</sup> ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	✓			
Were all samples received intact <sup>(1)</sup> ?	✓			
Was adequate sample volume provided <sup>(1)</sup> ?	✓			
If custody seals are present, are they intact <sup>(1)</sup> ?			✓	
Are samples with holding times due within 48 hours sample due within 48 hours present?	✓	✓		(BOTH)
Is a chain-of-custody (COC) form present and filled out completely <sup>(1)</sup> ?	✓			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	✓			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	✓			
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>			✓	
Are samples preserved that require preservation <b>(excluding cooling)</b> <sup>(1)</sup> ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	

Additional Comments (if any):

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

RZ  
Custodian Printed Name or Initials

  
Signature of Custodian

12/7/20  
Date/Time



Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**E FLOOR 6FT**  
**2012057-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>0.011</b>	0.0020	mg/kg	1	BDL0089	12/07/20	12/07/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>0.077</b>	0.0050	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>0.60</b>	0.010	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>0.19</b>	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>670</b>	50	"	10	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	117 %	23-173	"	"	"	"	"	"	
Surrogate: Toluene-d8	126 %	20-170	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	235 %	21-167	"	"	"	"	"	"	S-02

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>1300</b>	50	mg/kg	1	BDL0088	12/07/20	12/07/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	189 %	30-150	"	"	"	"	"	"	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: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**CENTER FLOOR 6FT**  
**2012057-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0089	12/07/20	12/07/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		55.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.4 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0088	12/07/20	12/07/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		146 %	30-150		"	"	"	"	

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**SW WALL 5FT**  
**2012057-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>0.0054</b>	0.0020	mg/kg	1	BDL0089	12/07/20	12/07/20	EPA 8260B	
<b>Toluene</b>	<b>0.053</b>	0.0050	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>0.0072</b>	0.0050	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>0.12</b>	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		63.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0088	12/07/20	12/07/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		117 %	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: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**NE WALL 5FT**  
**2012057-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		119 %	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: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**SE WALL 5.1**  
**2012057-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		123 %	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: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

**E WALL 3FT**  
**2012057-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		92.0 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	<b>675</b>	11.4	mg/kg dry	1	BDL0131	12/10/20	12/10/20	EPA 6020B	
Magnesium	<b>398</b>	5.71	"	"	"	"	"	"	

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**E WALL 3FT**  
**2012057-06 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Sodium	70.1	5.71	mg/kg dry	1	BDL0131	12/10/20	12/10/20	EPA 6020B
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**Calculated Analysis**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.529	0.100	units	1	BDL0146	12/11/20	12/11/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.6		%	1	BDL0102	12/09/20	12/09/20	Calculation	
pH	8.23		pH Units	"	BDL0103	12/09/20	12/09/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.227	0.0100	mmhos/cm	1	BDL0104	12/09/20	12/09/20	EPA 120.1	

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**CENTER N WALL 5FT**  
**2012057-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		137 %	30-150		"	"	"	"	

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**CENTER S WALL 5FT**  
**2012057-08 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

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 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**NW WALL 5FT**  
**2012057-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**W WALL 5FT**  
**2012057-10 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		121 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

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Fremont Environmental  
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 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**W FLOOR 6FT**  
**2012057-11 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BDL0123	12/10/20	12/11/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Naphthalene	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	50	"	"	"	"	"	"	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.1 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BDL0124	12/10/20	12/11/20	EPA 8015M	

Date Sampled: **12/07/20 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.2 %	30-150		"	"	"	"	

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

### Volatile Organic Compounds by EPA Method 8260B - Quality Control

#### Summit Scientific

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

#### Batch BDL0089 - EPA 5030 Soil MS

##### Blank (BDL0089-BLK1)

Prepared & Analyzed: 12/07/20

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Naphthalene	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0321		"	0.0400		80.2	23-173			
Surrogate: Toluene-d8	0.0412		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0473		"	0.0400		118	21-167			

##### LCS (BDL0089-BS1)

Prepared & Analyzed: 12/07/20

Benzene	0.0988	0.0020	mg/kg	0.100		98.8	70-130			
Toluene	0.119	0.0050	"	0.100		119	70-130			
Ethylbenzene	0.0986	0.0050	"	0.100		98.6	70-130			
m,p-Xylene	0.202	0.010	"	0.200		101	70-130			
o-Xylene	0.0982	0.0050	"	0.100		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0335		"	0.0400		83.8	23-173			
Surrogate: Toluene-d8	0.0464		"	0.0400		116	20-170			
Surrogate: 4-Bromofluorobenzene	0.0429		"	0.0400		107	21-167			

##### Matrix Spike (BDL0089-MS1)

Source: 2012056-01

Prepared & Analyzed: 12/07/20

Benzene	0.0782	0.0020	mg/kg	0.100	ND	78.2	70-130			
Toluene	0.119	0.0050	"	0.100	ND	119	70-130			
Ethylbenzene	0.0860	0.0050	"	0.100	ND	86.0	70-130			
m,p-Xylene	0.204	0.010	"	0.200	0.00357	100	70-130			
o-Xylene	0.0986	0.0050	"	0.100	ND	98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0412		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0479		"	0.0400		120	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.4	21-167			

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

**Summit Scientific**

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

**Batch BDL0089 - EPA 5030 Soil MS**

**Matrix Spike Dup (BDL0089-MSD1)**

Source: 2012056-01

Prepared & Analyzed: 12/07/20

Benzene	0.0734	0.0020	mg/kg	0.100	ND	73.4	70-130	6.41	30	
Toluene	0.123	0.0050	"	0.100	ND	123	70-130	3.32	30	
Ethylbenzene	0.105	0.0050	"	0.100	ND	105	70-130	20.2	30	
m,p-Xylene	0.212	0.010	"	0.200	0.00357	104	70-130	4.21	30	
o-Xylene	0.104	0.0050	"	0.100	ND	104	70-130	5.28	30	
Surrogate: 1,2-Dichloroethane-d4	0.0413		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0451		"	0.0400		113	20-170			
Surrogate: 4-Bromofluorobenzene	0.0455		"	0.0400		114	21-167			

**Batch BDL0123 - EPA 5030 Soil MS**

**Blank (BDL0123-BLK1)**

Prepared: 12/10/20 Analyzed: 12/11/20

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Naphthalene	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0438		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		99.9	21-167			

**LCS (BDL0123-BS1)**

Prepared: 12/10/20 Analyzed: 12/11/20

Benzene	0.0602	0.0020	mg/kg	0.0600		100	70-130			
Toluene	0.0664	0.0050	"	0.0600		111	70-130			
Ethylbenzene	0.0622	0.0050	"	0.0600		104	70-130			
m,p-Xylene	0.126	0.010	"	0.120		105	70-130			
o-Xylene	0.0642	0.0050	"	0.0600		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0449		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		99.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

**Summit Scientific**

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

**Batch BDL0123 - EPA 5030 Soil MS**

**Matrix Spike (BDL0123-MS1)**

Source: 2012057-04

Prepared: 12/10/20 Analyzed: 12/11/20

Benzene	0.0556	0.0020	mg/kg	0.0600	ND	92.8	70-130			
Toluene	0.0583	0.0050	"	0.0600	ND	97.2	70-130			
Ethylbenzene	0.0519	0.0050	"	0.0600	ND	86.6	70-130			
m,p-Xylene	0.105	0.010	"	0.120	0.00756	81.3	70-130			
o-Xylene	0.0536	0.0050	"	0.0600	ND	89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0455		"	0.0400		114	23-173			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

**Matrix Spike Dup (BDL0123-MSD1)**

Source: 2012057-04

Prepared: 12/10/20 Analyzed: 12/11/20

Benzene	0.0555	0.0020	mg/kg	0.0600	ND	92.6	70-130	0.216	30	
Toluene	0.0583	0.0050	"	0.0600	ND	97.2	70-130	0.00	30	
Ethylbenzene	0.0531	0.0050	"	0.0600	ND	88.5	70-130	2.23	30	
m,p-Xylene	0.106	0.010	"	0.120	0.00756	82.2	70-130	0.994	30	
o-Xylene	0.0541	0.0050	"	0.0600	ND	90.2	70-130	0.891	30	
Surrogate: 1,2-Dichloroethane-d4	0.0452		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	21-167			

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BDL0124 - EPA 3550A**

**Blank (BDL0124-BLK1)**

Prepared & Analyzed: 12/10/20

C10-C28 (DRO) ND 50 mg/kg

**LCS (BDL0124-BS1)**

Prepared & Analyzed: 12/10/20

C10-C28 (DRO) 620 50 mg/kg 500 124 70-130

**Matrix Spike (BDL0124-MS1)**

Source: 2012038-01

Prepared: 12/10/20 Analyzed: 12/11/20

C10-C28 (DRO) 553 50 mg/kg 500 13.2 108 70-130

**Matrix Spike Dup (BDL0124-MSD1)**

Source: 2012038-01

Prepared: 12/10/20 Analyzed: 12/11/20

C10-C28 (DRO) 496 50 mg/kg 500 13.2 96.6 70-130 10.9 20

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control**

**Summit Scientific**

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

**Batch BDL0131 - General Preparation**

**Blank (BDL0131-BLK1)**

Prepared & Analyzed: 12/10/20

Calcium	ND	10.0	mg/kg wet							
Magnesium	ND	5.00	"							
Sodium	ND	5.00	"							

**LCS (BDL0131-BS1)**

Prepared & Analyzed: 12/10/20

Calcium	606	10.0	mg/kg wet	500		121	70-130			
Magnesium	592	5.00	"	500		118	70-130			
Sodium	605	5.00	"	500		121	70-130			

**Duplicate (BDL0131-DUP1)**

Source: 2012057-06

Prepared & Analyzed: 12/10/20

Calcium	635	11.4	mg/kg dry		675			6.20	20	
Magnesium	359	5.71	"		398			10.4	20	
Sodium	69.1	5.71	"		70.1			1.44	20	

**Matrix Spike (BDL0131-MS1)**

Source: 2012057-06

Prepared & Analyzed: 12/10/20

Calcium	1190	11.4	mg/kg dry	571	675	90.7	70-130			
Magnesium	1000	5.71	"	571	398	106	70-130			
Sodium	675	5.71	"	571	70.1	106	70-130			

**Matrix Spike Dup (BDL0131-MSD1)**

Source: 2012057-06

Prepared & Analyzed: 12/10/20

Calcium	1260	11.4	mg/kg dry	571	675	102	70-130	5.24	25	
Magnesium	1020	5.71	"	571	398	109	70-130	1.51	25	
Sodium	699	5.71	"	571	70.1	110	70-130	3.54	25	

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

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

**Summit Scientific**

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

**Batch BDL0102 - General Preparation**

<b>Duplicate (BDL0102-DUP1)</b>		<b>Source: 2011312-07</b>			<b>Prepared &amp; Analyzed: 12/09/20</b>						
% Solids	93.7		%		93.6				0.118	20	

**Batch BDL0103 - General Preparation**

<b>LCS (BDL0103-BS1)</b>		<b>Prepared &amp; Analyzed: 12/09/20</b>									
pH	9.32		pH Units	9.21		101	95-105				
<b>Duplicate (BDL0103-DUP1)</b>		<b>Source: 2011312-07</b>			<b>Prepared &amp; Analyzed: 12/09/20</b>						
pH	8.56		pH Units	8.54				0.234	20		

Summit Scientific

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 PO Box 1289  
 Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
 Project Manager: Paul Henchan

**Reported:**  
 12/14/20 13:01

**Specific Conductance by EPA Method 120.1 - Quality Control**

**Summit Scientific**

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

**Batch BDL0104 - General Preparation**

**Blank (BDL0104-BLK1)**

Prepared & Analyzed: 12/09/20

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BDL0104-BS1)**

Prepared & Analyzed: 12/09/20

Specific Conductance (EC) 0.791 0.0100 mmhos/cm 0.750 105 90-110

**Duplicate (BDL0104-DUP1)**

Source: 2011312-07

Prepared & Analyzed: 12/09/20

Specific Conductance (EC) 0.701 0.0100 mmhos/cm 0.712 1.70 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Northrup C8-73HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
12/14/20 13:01

### 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.
- 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