

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 04, 2024

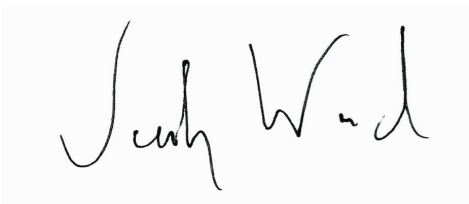
Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Noble - HSR Fischer 6-23

Work Order #2411368

Enclosed are the results of analyses for samples received by Summit Scientific on 11/20/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and a distinct "W".

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

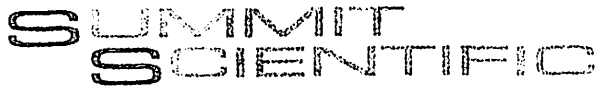
Reported:
12/04/24 15:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1R	2411368-01	Water	11/20/24 00:00	11/20/24 16:30
MW2R	2411368-02	Water	11/20/24 00:00	11/20/24 16:30
MW3R	2411368-03	Water	11/20/24 00:00	11/20/24 16:30
MW4R	2411368-04	Water	11/20/24 00:00	11/20/24 16:30
MW5R	2411368-05	Water	11/20/24 00:00	11/20/24 16:30
MW6R	2411368-06	Water	11/20/24 00:00	11/20/24 16:30
MW7R	2411368-07	Water	11/20/24 00:00	11/20/24 16:30
MW8R	2411368-08	Water	11/20/24 00:00	11/20/24 16:30
MW9R	2411368-09	Water	11/20/24 00:00	11/20/24 16:30
MW10R	2411368-10	Water	11/20/24 00:00	11/20/24 16:30
MW11R	2411368-11	Water	11/20/24 00:00	11/20/24 16:30
MW12R	2411368-12	Water	11/20/24 00:00	11/20/24 16:30
MW13R	2411368-13	Water	11/20/24 00:00	11/20/24 16:30
MW14R	2411368-14	Water	11/20/24 00:00	11/20/24 16:30

Summit Scientific

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

Lab ID	Page	of
241308		

Client: Fremont		Project Manager: Paul Henehan		Company: Noble/Chvron	
Address:		E-Mail: Distribution List		Project Name/Location: HSR Fischer 6-23	
City/State/Zip:				AFE#:	
Phone:		Project Name: HSR Fischer 6-23		PO/Billing Codes:	
Sampler Name: Aaron O'Hillar		Project Number: C024-016		Contact: Dan Peterson	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915 Organics	915 Inorganics		
1	MW1R	11/20/24		4	3		1		X				X	X		
2	MW2R															
3	MW3R															
4	MW4R															
5	MW5R															
6	MW6R															
7	MW7R															
8	MW8R															
9	MW9R															
10	MW10R															
11	MW11R															
12	MW12R															
13	MW13R															
14	MW14R															
15																

Relinquished by: <i>Aaron O'Hillar</i>	Date/Time: 11/20/24 1620	Received by: <i>Summit North Office</i>	Date/Time: 11/20/24 1620	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <i>SK</i>	Date/Time: 11/20/24 1630	Received by: <i>[Signature]</i>	Date/Time: 11/20/24 1620	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: 4.9	Corrected Temperature: <i>5</i>	IR gun #:		HNO3 lot #:		

S₂

Sample Receipt Checklist

S2 Work Order# 2411368

Client: Fremont

Client Project ID: HR Fischer G-23

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

Airbill #: _____

Matrix (Check all that apply)

Air

Soil/Solid

Water

Other

Temp (°C)

Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" 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"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HCl
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

AS

Custodian Printed Name

11/20/24
Date/Time

3.00 2.00



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW1R
2411368-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.1	98.4 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.8	95.9 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	431	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	974	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2530	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW2R
2411368-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.1	98.2 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.2	98.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.7	95.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	375	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	776	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2130	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW3R
2411368-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.7	103 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.8	104 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.5	93.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	397	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	1020	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2550	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW4R
2411368-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	59	1.0	ug/l	1	BHK1136	11/21/24	11/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	11	1.0	"	"	"	"	"	"	
Xylenes (total)	29	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	29	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	1.9	1.0	"	"	"	"	"	"	

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.4	101 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>	13.4	100 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	12.9	97.0 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	368	0.0600	mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	758	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2090	10.0	mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW5R
2411368-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.4	101 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.1	98.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	452	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	1790	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	3300	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW6R
2411368-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	12.9	97.1 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.4	93.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	99.2 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	385	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	801	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2090	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW7R
2411368-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	1.2	1.0		"	"	"	"	"	"	
Xylenes (total)	6.6	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	1.9	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.2	99.2 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	96.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.8	103 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	553	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	571	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2680	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
 Project Manager: Paul Henchan

Reported:
 12/04/24 15:33

MW8R
2411368-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.0	97.4 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.7	95.3 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.7	95.4 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	390	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	858	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2150	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW9R
2411368-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/21/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.4	100 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	97.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.1 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	375	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	713	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2020	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW10R
2411368-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/22/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.3	99.8 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.3	99.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	98.7 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	338	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	648	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	1760	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW11R
2411368-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/22/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.0	97.6 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	96.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.9	104 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	252	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	814	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	1970	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW12R
2411368-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/22/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.5	101 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.1	98.3 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.3	99.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	388	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	910	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2160	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW13R
2411368-13 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/22/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.4	101 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.9 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	388	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	862	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2280	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

MW14R
2411368-14 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHK1136	11/21/24	11/22/24	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: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	13.0	97.7 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.7	95.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.7	95.6 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	385	0.0600		mg/L	50	BHL0022	12/02/24	12/03/24	EPA 300.0	
Sulfate	806	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **11/20/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2250	10.0		mg/L	1	BHK1076	11/21/24	11/25/24	SM2540C	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

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 BHK1136 - EPA 5030 Water MS

Blank (BHK1136-BLK1)

Prepared & Analyzed: 11/21/24

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	2.0	"								
Naphthalene	ND	1.0	"								
1,2,4-Trimethylbenzene	ND	1.0	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	12.5		"	13.3		93.7		23-173			
<i>Surrogate: Toluene-d8</i>	13.2		"	13.3		99.4		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.4		"	13.3		93.0		21-167			

LCS (BHK1136-BS1)

Prepared & Analyzed: 11/21/24

Benzene	34.7	1.0	ug/l	33.3		104		51-132			
Toluene	34.2	1.0	"	33.3		103		51-138			
Ethylbenzene	36.0	1.0	"	33.3		108		58-146			
m,p-Xylene	66.8	2.0	"	66.7		100		57-144			
o-Xylene	38.0	1.0	"	33.3		114		53-146			
Naphthalene	38.5	1.0	"	33.3		116		70-130			
1,2,4-Trimethylbenzene	35.8	1.0	"	33.3		107		70-130			
1,3,5-Trimethylbenzene	36.0	1.0	"	33.3		108		70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.4		"	13.3		101		23-173			
<i>Surrogate: Toluene-d8</i>	14.0		"	13.3		105		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.5		"	13.3		93.9		21-167			

LCS Dup (BHK1136-BS1)

Prepared & Analyzed: 11/21/24

Benzene	34.2	1.0	ug/l	33.3		102		51-132	1.48	20	
Toluene	33.7	1.0	"	33.3		101		51-138	1.38	20	
Ethylbenzene	37.1	1.0	"	33.3		111		58-146	2.90	20	
m,p-Xylene	69.1	2.0	"	66.7		104		57-144	3.28	20	
o-Xylene	39.2	1.0	"	33.3		118		53-146	3.08	20	
Naphthalene	41.0	1.0	"	33.3		123		70-130	6.12	20	
1,2,4-Trimethylbenzene	36.6	1.0	"	33.3		110		70-130	2.02	20	
1,3,5-Trimethylbenzene	37.5	1.0	"	33.3		112		70-130	4.00	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.3		"	13.3		100		23-173			
<i>Surrogate: Toluene-d8</i>	13.6		"	13.3		102		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.6		"	13.3		94.4		21-167			

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
 Project Manager: Paul Henchan

Reported:
 12/04/24 15:33

Anions by EPA Method 300.0 - Quality Control
Summit Scientific

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

Batch BHL0022 - General Preparation

Blank (BHL0022-BLK1)

Prepared: 12/02/24 Analyzed: 12/03/24

Chloride	ND	0.0600	mg/L						
Sulfate	ND	0.300	"						

LCS (BHL0022-BS1)

Prepared: 12/02/24 Analyzed: 12/03/24

Chloride	2.96	0.0600	mg/L	3.00	98.6	90-110		
Sulfate	15.0	0.300	"	15.0	99.9	90-110		

Duplicate (BHL0022-DUP1)

Source: 2411351-13

Prepared: 12/02/24 Analyzed: 12/03/24

Chloride	40.2	0.0600	mg/L	40.9			1.94	20
Sulfate	115	0.300	"	118			2.09	20

Matrix Spike (BHL0022-MS1)

Source: 2411351-13

Prepared: 12/02/24 Analyzed: 12/03/24

Chloride	191	0.0600	mg/L	150	40.9	100	80-120	
Sulfate	876	0.300	"	750	118	101	80-120	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
 Project Manager: Paul Henchan

Reported:
 12/04/24 15:33

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

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

Batch BHK1076 - General Preparation

Blank (BHK1076-BLK1)

Prepared: 11/21/24 Analyzed: 11/25/24

Total Dissolved Solids ND 10.0 mg/L

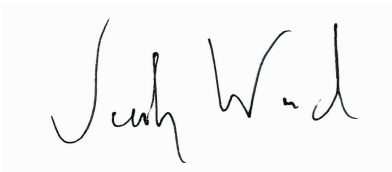
Duplicate (BHK1076-DUP1)

Source: 2411368-01

Prepared: 11/21/24 Analyzed: 11/25/24

Total Dissolved Solids 2540 10.0 mg/L 2530 0.394 20

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - HSR Fischer 6-23

Project Number: CO24-016
Project Manager: Paul Henchan

Reported:
12/04/24 15:33

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