

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 29, 2025

Paul Henchan  
Fremont Environmental  
PO Box 1289  
Wellington, CO 80549  
RE: Chevron - Harper Kona  
Work Order #2503352

Enclosed are the results of analyses for samples received by Summit Scientific on 03/25/25 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is written in a cursive, flowing style.

Natalie Tessier For Paul Shrewsbury  
President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Harper Kona

Project Number: C021-074  
Project Manager: Paul Henchan

**Reported:**  
04/29/25 11:43

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	2503352-01	Water	03/24/25 16:30	03/25/25 16:30
MW-3R	2503352-02	Water	03/24/25 16:30	03/25/25 16:30
MW-8	2503352-03	Water	03/24/25 16:30	03/25/25 16:30
MW-12	2503352-04	Water	03/24/25 16:30	03/25/25 16:30
MW-13	2503352-05	Water	03/24/25 16:30	03/25/25 16:30

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**MW-2**  
**2503352-01 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>188</b>	0.0600	mg/L	50	BIC1684	03/27/25	04/06/25	EPA 300.0	
Sulfate	<b>1910</b>	0.300	"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>3940</b>	10.0	mg/L	1	BIC1667	03/27/25	04/02/25	SM2540C	

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**MW-3R**  
**2503352-02 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	46.9	0.0600		mg/L	50	BIC1684	03/27/25	04/06/25	EPA 300.0	
Sulfate	1880	0.300		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	3240	10.0		mg/L	1	BIC1667	03/27/25	04/02/25	SM2540C	

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**MW-8**  
**2503352-03 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>89.9</b>	0.0600		mg/L	50	BIC1684	03/27/25	04/06/25	EPA 300.0	
Sulfate	<b>2090</b>	0.300		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Total Dissolved Solids</b>	<b>3630</b>	10.0		mg/L	1	BIC1667	03/27/25	04/02/25	SM2540C	

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**MW-12**  
**2503352-04 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>163</b>	0.0600		mg/L	50	BIC1684	03/27/25	04/06/25	EPA 300.0	
Sulfate	<b>2710</b>	0.300		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Total Dissolved Solids</b>	<b>4600</b>	10.0		mg/L	1	BIC1667	03/27/25	04/02/25	SM2540C	

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**MW-13**  
**2503352-05 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>198</b>	0.0600		mg/L	50	BIC1684	03/27/25	04/06/25	EPA 300.0	
Sulfate	<b>3010</b>	0.300		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **03/24/25 16:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	<b>5020</b>	10.0		mg/L	1	BIC1590	03/26/25	03/28/25	SM2540C	

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**Anions by EPA Method 300.0 - Quality Control**

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

**Batch BIC1684 - General Preparation**

**Blank (BIC1684-BLK1)**

Prepared: 03/27/25 Analyzed: 04/06/25

Chloride	ND	0.0600	mg/L								
Sulfate	ND	0.300	"								

**LCS (BIC1684-BS1)**

Prepared: 03/27/25 Analyzed: 04/06/25

Chloride	2.93	0.0600	mg/L	3.00		97.6	90-110				
Sulfate	14.7	0.300	"	15.0		98.2	90-110				

**Duplicate (BIC1684-DUP1)**

Source: 2503352-01

Prepared: 03/27/25 Analyzed: 04/06/25

Chloride	162	0.0600	mg/L		188			14.9	20		
Sulfate	1650	0.300	"		1910			14.5	20		

**Matrix Spike (BIC1684-MS1)**

Source: 2503352-01

Prepared: 03/27/25 Analyzed: 04/06/25

Chloride	265	0.0600	mg/L	150	188	51.4	80-120				QM-05
Sulfate	2170	0.300	"	750	1910	34.9	80-120				QM-05

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**Total Dissolved Solids by SM2540C - Quality Control**  
**Summit Scientific**

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

**Batch BIC1590 - General Preparation**

<b>Blank (BIC1590-BLK1)</b>										
					Prepared: 03/26/25 Analyzed: 03/28/25					
Total Dissolved Solids	ND	10.0	mg/L							
<b>Duplicate (BIC1590-DUP1)</b>										
					Source: 2503329-01 Prepared: 03/26/25 Analyzed: 03/28/25					
Total Dissolved Solids	2490	10.0	mg/L		2380			4.52	20	

**Batch BIC1667 - General Preparation**

<b>Blank (BIC1667-BLK1)</b>										
					Prepared: 03/27/25 Analyzed: 04/02/25					
Total Dissolved Solids	ND	10.0	mg/L							
<b>Duplicate (BIC1667-DUP1)</b>										
					Source: 2503352-01 Prepared: 03/27/25 Analyzed: 04/02/25					
Total Dissolved Solids	3990	10.0	mg/L		3940			1.26	20	

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### Notes and Definitions

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.

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