

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 05, 2025

David Stainback  
CDH Consulting  
9446 Clermont St.  
Thornton, CO 80119

RE: Chevron - McMillan Trust 19-14G WH

Work Order #2504007

Enclosed are the results of analyses for samples received by Summit Scientific on 04/01/25 16:40. 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



CDH Consulting  
9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6'	2504007-01	Soil	04/01/25 11:10	04/01/25 16:40
WH01-N@4'	2504007-02	Soil	04/01/25 11:13	04/01/25 16:40
WH01-E@4'	2504007-03	Soil	04/01/25 11:15	04/01/25 16:40
WH01-S@4'	2504007-04	Soil	04/01/25 11:17	04/01/25 16:40
WH01-W@4'	2504007-05	Soil	04/01/25 11:20	04/01/25 16:40
BKG01@4'	2504007-06	Soil	04/01/25 11:45	04/01/25 16:40
BKG02@4'	2504007-07	Soil	04/01/25 11:55	04/01/25 16:40
BKG03@4'	2504007-08	Soil	04/01/25 12:00	04/01/25 16:40
BKG01@6'	2504007-09	Soil	04/01/25 12:10	04/01/25 16:40
BKG02@6'	2504007-10	Soil	04/01/25 12:15	04/01/25 16:40
BKG03@6'	2504007-11	Soil	04/01/25 12:25	04/01/25 16:40

# SUMMIT SCIENTIFIC

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

Lab ID	Page 1 of 1
2504007	

Client: <u>COM Consulting</u>	Send Data To: Project Manager: <u>David Steinback</u>	Send Invoice To: Company: <u>Chevron - Jason Davidson</u>
Address: <u>9446 Clermont St</u>	E-Mail: <u>CDX-PM@cdhconsult.com</u>	Project Name/Location:
City/State/Zip: <u>Thorn hn CO</u>	cc: <u>RBVEUFZ7@chevron.com</u>	AFE#:
Phone: <u>(970) 403-4108</u>	Project Name: <u>McMillen Trust 19-14G W4</u>	PO/Billing Codes:
Sampler Name: <u>Elizabeth Nuka</u>	Project Number:	Contact:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested				Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Full Table 915-1	Table 915 metals	Boron	EC		pH
1	WH01@6'	4/1/25	1110	2			X			X								X All Table 915-1
2	WH01-N@4'		1113	1						X								Organics on Same
3	WH01-E@4'		1115	1						X								Day TAT
4	WH01-S@4'		1117	1						X								
5	WH01-W@4'		1120	1						X								Everything else on
6	BK601@4'		1145	1									X	X	X	X	X	72hr TAT
7	BK602@4'		1155	1									X	X	X	X	X	
8	BK603@4'		1200	1									X	X	X	X	X	
9	BK601@6'		1210	1									X	X	X	X	X	
10	BK602@6'		1215	1									X	X	X	X	X	
11	BK603@6'		1225	1									X	X	X	X	X	
12																		
13																		
14																		
15																		

Relinquished by: <u>[Signature]</u>	Date/Time: <u>4/1/25 @ 1310</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/1/25 @ 1640</u>	TAT Business Days	Field DO	Notes:
				Same Day	X Field EC	
Relinquished by: <u>SZ</u>	Date/Time: <u>4/25 @ 1640</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/25 @ 1640</u>	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by: <u>[Signature]</u>	Date/Time: <u>4/25 @ 1640</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/25 @ 1640</u>	3 Days	X Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>2.9</u>	Corrected Temperature: <u>6</u>	IR gun #: <u>1</u>	HNO3 lot #: <u></u>			

S<sub>2</sub>

S2 Work Order# 2504007

Sample Receipt Checklist

Client: CDH

Client Project ID: McMillen Trust 19-14G WH

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

Matrix (Circle all that apply) Air/Soil/Water/Other  Temp (°C) 2.9 Thermometer # 1

Bottle ware (Circle all that apply) Glass Jar/Voa/Amber/Poly/Other

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	-			on 2CE
If custody seals are present, are they intact? <sup>(1)</sup>	-			
Are samples due within 48 hours?	-			same day
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD, Total Residual Chlorine (TRC)		-		
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	-			
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	-			
Were all samples received intact? <sup>(1)</sup>	✓			
Was adequate sample volume provided? <sup>(1)</sup>	✓			
Were samples provided in appropriate bottle ware?	✓			
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>	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are any samples/bottles preserved (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.			✓	
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?			✓	
Are there requested analysis that cannot be performed by S2? Note analysis in the comments column		✓		
<u>Additional Comments (if any):</u>				
<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.				

Control Form #: SRC-001

AS

Custodian Printed Name

4/1/25

Date/Time



CDH Consulting  
9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01@6'**  
**2504007-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BID0044	04/01/25	04/02/25	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0454	113 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0402	100 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0408	102 %		50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BID0046	04/01/25	04/02/25	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	6.95	55.6 %		50-140		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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.



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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01@6'**  
**2504007-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0311	04/06/25	04/25/25	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0232	69.7 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0206	61.7 %	40-140		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01@6'**  
**2504007-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	2.19	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	68.9	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	3.81	0.400	"	"	"	"	"	"	
Lead	5.69	0.200	"	"	"	"	"	"	
Nickel	4.13	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	16.5	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	166	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	28.3	0.0500	"	"	"	"	"	"	
Sodium	142	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.68	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01@6'**  
**2504007-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.2		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.11	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.79		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-N@4'**  
**2504007-02 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BID0044	04/01/25	04/02/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0452	113 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0404	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0416	104 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BID0046	04/01/25	04/02/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	6.78	54.2 %	50-140		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-N@4'**  
**2504007-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0311	04/06/25	04/30/25	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0185	55.6 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0219	65.7 %	40-140		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CDH Consulting  
9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-N@4'**  
**2504007-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.10	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B
Barium	55.0	0.400	"	"	"	"	"	"
Cadmium	0.291	0.200	"	"	"	"	"	"
Copper	7.09	0.400	"	"	"	"	"	"
Lead	11.0	0.200	"	"	"	"	"	"
Nickel	3.98	0.400	"	"	"	"	"	"
Silver	0.106	0.0200	"	"	"	"	"	"
Zinc	28.1	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	50.0	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	8.41	0.0500	"	"	"	"	"	"	
Sodium	44.9	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.55	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CDH Consulting  
 9446 Clermont St.  
 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**WH01-N@4'**  
**2504007-02 (Soil)**

**Summit Scientific**

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

% Solids	91.5	%	1	BID0065	04/02/25	04/02/25	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	<b>0.640</b>	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	<b>7.66</b>		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-E@4'**  
**2504007-03 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BID0044	04/01/25	04/02/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0446	111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0398	99.5 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0410	103 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BID0046	04/01/25	04/01/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	6.80	54.4 %	50-140		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-E@4'**  
**2504007-03 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0311	04/06/25	04/25/25	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0247	74.0 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0204	61.3 %	40-140		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-E@4'**  
**2504007-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	2.44	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	63.0	0.400	"	"	"	"	"	"	
Cadmium	0.233	0.200	"	"	"	"	"	"	
Copper	5.36	0.400	"	"	"	"	"	"	
Lead	8.66	0.200	"	"	"	"	"	"	
Nickel	4.30	0.400	"	"	"	"	"	"	
Silver	0.0665	0.0200	"	"	"	"	"	"	
Zinc	21.2	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	48.7	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	8.30	0.0500	"	"	"	"	"	"	
Sodium	48.2	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.68	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**WH01-E@4'**  
**2504007-03 (Soil)**

**Summit Scientific**

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

% Solids	91.5	%	1	BID0065	04/02/25	04/02/25	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.713	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.86		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-S@4'**  
**2504007-04 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BID0044	04/01/25	04/02/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0449	112 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0396	99.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0409	102 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BID0046	04/01/25	04/01/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	8.26	66.1 %	50-140		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-S@4'**  
**2504007-04 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0311	04/06/25	04/25/25	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0237	71.2 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0188	56.3 %	40-140		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-S@4'**  
**2504007-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	1.66	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B
Barium	53.3	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	4.63	0.400	"	"	"	"	"	"
Lead	4.53	0.200	"	"	"	"	"	"
Nickel	3.69	0.400	"	"	"	"	"	"
Silver	0.0274	0.0200	"	"	"	"	"	"
Zinc	13.9	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	394	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	68.5	0.0500	"	"	"	"	"	"	
Sodium	47.7	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.583	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

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 9446 Clermont St.  
 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**WH01-S@4'**  
**2504007-04 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.0		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.344	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.83		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-W@4'**  
**2504007-05 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BID0044	04/01/25	04/02/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0444	111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0400	100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0413	103 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BID0046	04/01/25	04/01/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	9.41	75.3 %	50-140		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-W@4'**  
**2504007-05 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0311	04/06/25	04/25/25	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0183	55.0 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0159	47.6 %	40-140		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**WH01-W@4'**  
**2504007-05 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	2.07	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B
Barium	70.2	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	3.68	0.400	"	"	"	"	"	"
Lead	4.18	0.200	"	"	"	"	"	"
Nickel	4.14	0.400	"	"	"	"	"	"
Silver	0.0254	0.0200	"	"	"	"	"	"
Zinc	14.2	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	89.4	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	7.10	0.0500	"	"	"	"	"	"	
Sodium	32.2	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.882	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

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 9446 Clermont St.  
 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]

Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**WH01-W@4'**  
**2504007-05 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.8		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.454	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.30		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG01@4'**  
**2504007-06 (Soil)**

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**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.49	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	114	0.400	"	"	"	"	"	"	
Cadmium	0.290	0.200	"	"	"	"	"	"	
Copper	5.49	0.400	"	"	"	"	"	"	
Lead	7.20	0.200	"	"	"	"	"	"	
Nickel	5.78	0.400	"	"	"	"	"	"	
Silver	0.0347	0.0200	"	"	"	"	"	"	
Zinc	18.4	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	42.6	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	9.54	0.0500	"	"	"	"	"	"	
Sodium	67.3	0.0500	"	"	"	"	"	"	

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG01@4'**  
**2504007-06 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.43	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.6		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.709	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.14		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG02@4'**  
**2504007-07 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.52	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	54.8	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	2.90	0.400	"	"	"	"	"	"	
Lead	4.01	0.200	"	"	"	"	"	"	
Nickel	3.48	0.400	"	"	"	"	"	"	
Silver	0.0204	0.0200	"	"	"	"	"	"	
Zinc	13.9	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	63.7	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	10.6	0.0500	"	"	"	"	"	"	
Sodium	45.7	0.0500	"	"	"	"	"	"	

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG02@4'**  
**2504007-07 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.40	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.3		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.564	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.17		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG03@4'**  
**2504007-08 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.38	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	72.1	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	3.33	0.400	"	"	"	"	"	"	
Lead	4.67	0.200	"	"	"	"	"	"	
Nickel	4.10	0.400	"	"	"	"	"	"	
Silver	0.0234	0.0200	"	"	"	"	"	"	
Zinc	13.8	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	116	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	17.7	0.0500	"	"	"	"	"	"	
Sodium	74.8	0.0500	"	"	"	"	"	"	

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG03@4'**  
**2504007-08 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.71	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.2		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.24	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.04		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG01@6'**  
**2504007-09 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	2.89	0.200		mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	95.8	0.400		"	"	"	"	"	"	
Cadmium	0.231	0.200		"	"	"	"	"	"	
Copper	5.44	0.400		"	"	"	"	"	"	
Lead	6.68	0.200		"	"	"	"	"	"	
Nickel	5.10	0.400		"	"	"	"	"	"	
Silver	0.0314	0.0200		"	"	"	"	"	"	
Zinc	19.1	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	69.9	0.0500		mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	9.68	0.0500		"	"	"	"	"	"	
Sodium	56.6	0.0500		"	"	"	"	"	"	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG01@6'**  
**2504007-09 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.68	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.0		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.587	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.16		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG02@6'**  
**2504007-10 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Arsenic</b>	<b>1.79</b>	0.200	mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
<b>Barium</b>	<b>52.1</b>	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
<b>Copper</b>	<b>3.31</b>	0.400	"	"	"	"	"	"	
<b>Lead</b>	<b>4.74</b>	0.200	"	"	"	"	"	"	
<b>Nickel</b>	<b>3.84</b>	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
<b>Zinc</b>	<b>14.1</b>	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Calcium</b>	<b>84.1</b>	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
<b>Magnesium</b>	<b>8.18</b>	0.0500	"	"	"	"	"	"	
<b>Sodium</b>	<b>90.0</b>	0.0500	"	"	"	"	"	"	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG02@6'**  
**2504007-10 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.51	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.1		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.758	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.57		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG03@6'**  
**2504007-11 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BID0060	04/02/25	04/02/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	3.79	0.200		mg/kg dry	1	BID0066	04/02/25	04/03/25	EPA 6020B	
Barium	89.1	0.400		"	"	"	"	"	"	
Cadmium	ND	0.200		"	"	"	"	"	"	
Copper	5.49	0.400		"	"	"	"	"	"	
Lead	5.60	0.200		"	"	"	"	"	"	
Nickel	5.72	0.400		"	"	"	"	"	"	
Silver	0.0223	0.0200		"	"	"	"	"	"	
Zinc	16.5	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BID0076	04/02/25	04/02/25	EPA 7196A	

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	127	0.0500		mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	28.4	0.0500		"	"	"	"	"	"	
Sodium	113	0.0500		"	"	"	"	"	"	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**BKG03@6'**  
**2504007-11 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.36	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

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

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.2		%	1	BID0065	04/02/25	04/02/25	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.36	0.0100	mmhos/cm	1	BID0057	04/01/25	04/02/25	EPA 120.1	

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **04/01/25 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.98		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

Reported:  
05/05/25 11:06

### 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 BID0044 - EPA 5030 Soil MS

##### Blank (BID0044-BLK1)

Prepared: 04/01/25 Analyzed: 04/02/25

Benzene	ND	0.0020	mg/kg								
Toluene	ND	0.0050	"								
Ethylbenzene	ND	0.0050	"								
Xylenes (total)	ND	0.010	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
Naphthalene	ND	0.0038	"								
Gasoline Range Hydrocarbons	ND	0.50	"								
Surrogate: 1,2-Dichloroethane-d4	0.0456		"	0.0400		114	50-150				
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	50-150				
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	50-150				

##### LCS (BID0044-BS1)

Prepared: 04/01/25 Analyzed: 04/02/25

Benzene	0.0956	0.0020	mg/kg	0.100		95.6	70-130				
Toluene	0.0954	0.0050	"	0.100		95.4	70-130				
Ethylbenzene	0.0960	0.0050	"	0.100		96.0	70-130				
m,p-Xylene	0.190	0.010	"	0.200		95.1	70-130				
o-Xylene	0.0974	0.0050	"	0.100		97.4	70-130				
1,2,4-Trimethylbenzene	0.105	0.0050	"	0.100		105	70-130				
1,3,5-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130				
Naphthalene	0.0881	0.0038	"	0.100		88.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0447		"	0.0400		112	50-150				
Surrogate: Toluene-d8	0.0400		"	0.0400		100	50-150				
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	50-150				

##### Matrix Spike (BID0044-MS1)

Source: 2503462-01

Prepared: 04/01/25 Analyzed: 04/02/25

Benzene	0.0921	0.0020	mg/kg	0.100	ND	92.1	70-130				
Toluene	0.0950	0.0050	"	0.100	ND	95.0	70-130				
Ethylbenzene	0.0917	0.0050	"	0.100	ND	91.7	70-130				
m,p-Xylene	0.185	0.010	"	0.200	ND	92.5	70-130				
o-Xylene	0.0958	0.0050	"	0.100	ND	95.8	70-130				
1,2,4-Trimethylbenzene	0.0956	0.0050	"	0.100	ND	95.6	70-130				
1,3,5-Trimethylbenzene	0.0925	0.0050	"	0.100	ND	92.5	70-130				
Naphthalene	0.350	0.0038	"	0.100	0.114	237	70-130				QM-01
Surrogate: 1,2-Dichloroethane-d4	0.0458		"	0.0400		114	50-150				
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	50-150				
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	50-150				

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**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 BID0044 - EPA 5030 Soil MS**

Matrix Spike Dup (BID0044-MSD1)	Source: 2503462-01			Prepared: 04/01/25 Analyzed: 04/02/25						
Benzene	0.0914	0.0020	mg/kg	0.100	ND	91.4	70-130	0.752	30	
Toluene	0.0911	0.0050	"	0.100	ND	91.1	70-130	4.13	30	
Ethylbenzene	0.0878	0.0050	"	0.100	ND	87.8	70-130	4.38	30	
m,p-Xylene	0.176	0.010	"	0.200	ND	88.1	70-130	4.85	30	
o-Xylene	0.0892	0.0050	"	0.100	ND	89.2	70-130	7.10	30	
1,2,4-Trimethylbenzene	0.0913	0.0050	"	0.100	ND	91.3	70-130	4.69	30	
1,3,5-Trimethylbenzene	0.0886	0.0050	"	0.100	ND	88.6	70-130	4.21	30	
Naphthalene	0.243	0.0038	"	0.100	0.114	130	70-130	36.0	30	QR-03
Surrogate: 1,2-Dichloroethane-d4	0.0478		"	0.0400		119	50-150			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	50-150			

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

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

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

**Batch BID0046 - EPA 3550A**

**Blank (BID0046-BLK1)**

Prepared: 04/01/25 Analyzed: 04/02/25

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	11.0		"	12.5		87.7	50-140				

**LCS (BID0046-BS1)**

Prepared: 04/01/25 Analyzed: 04/02/25

C10-C28 (DRO)	488	50	mg/kg	500		97.7	50-140				
Surrogate: <i>o</i> -Terphenyl	9.45		"	12.5		75.6	50-140				

**Matrix Spike (BID0046-MS1)**

Source: 2503462-01

Prepared: 04/01/25 Analyzed: 04/02/25

C10-C28 (DRO)	437	50	mg/kg	500	33.6	80.8	50-140				
Surrogate: <i>o</i> -Terphenyl	7.05		"	12.5		56.4	50-140				

**Matrix Spike Dup (BID0046-MSD1)**

Source: 2503462-01

Prepared: 04/01/25 Analyzed: 04/02/25

C10-C28 (DRO)	436	50	mg/kg	500	33.6	80.5	50-140	0.328	20		
Surrogate: <i>o</i> -Terphenyl	8.12		"	12.5		64.9	50-140				

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**PAH by EPA Method 8270D SIM - Quality Control**

**Summit Scientific**

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

**Batch BID0311 - EPA 5030 Soil MS**

**Blank (BID0311-BLK1)**

Prepared: 04/06/25 Analyzed: 04/25/25

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0342		"	0.0333	103	40-140				
Surrogate: Fluoranthene-d10	0.0260		"	0.0333	77.9	40-140				

**LCS (BID0311-BS1)**

Prepared: 04/06/25 Analyzed: 04/25/25

Acenaphthene	0.0197	0.00500	mg/kg	0.0333	59.0	40-140				
Anthracene	0.0190	0.00500	"	0.0333	57.1	40-140				
Benzo (a) anthracene	0.0204	0.00500	"	0.0333	61.2	40-140				
Benzo (a) pyrene	0.0198	0.00500	"	0.0333	59.5	40-140				
Benzo (b) fluoranthene	0.0197	0.00500	"	0.0333	59.1	40-140				
Benzo (k) fluoranthene	0.0195	0.00500	"	0.0333	58.6	40-140				
Chrysene	0.0191	0.00500	"	0.0333	57.3	40-140				
Dibenz (a,h) anthracene	0.0215	0.00500	"	0.0333	64.5	40-140				
Fluoranthene	0.0197	0.00500	"	0.0333	59.0	40-140				
Fluorene	0.0204	0.00500	"	0.0333	61.1	40-140				
Indeno (1,2,3-cd) pyrene	0.0202	0.00500	"	0.0333	60.5	40-140				
Pyrene	0.0200	0.00500	"	0.0333	60.1	40-140				
1-Methylnaphthalene	0.0309	0.00500	"	0.0333	92.6	40-140				
2-Methylnaphthalene	0.0300	0.00500	"	0.0333	89.9	40-140				
Surrogate: 2-Methylnaphthalene-d10	0.0317		"	0.0333	95.1	40-140				
Surrogate: Fluoranthene-d10	0.0204		"	0.0333	61.1	40-140				

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

Reported:  
05/05/25 11:06

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BID0311 - EPA 5030 Soil MS

Matrix Spike (BID0311-MS1)	Source: 2504007-01			Prepared: 04/06/25 Analyzed: 04/25/25					
Acenaphthene	0.0151	0.00500	mg/kg	0.0333	ND	45.4	40-140		
Anthracene	0.0145	0.00500	"	0.0333	ND	43.6	40-140		
Benzo (a) anthracene	0.0153	0.00500	"	0.0333	ND	45.9	40-140		
Benzo (a) pyrene	0.0146	0.00500	"	0.0333	ND	43.9	40-140		
Benzo (b) fluoranthene	0.0149	0.00500	"	0.0333	ND	44.6	40-140		
Benzo (k) fluoranthene	0.0145	0.00500	"	0.0333	ND	43.4	40-140		
Chrysene	0.0145	0.00500	"	0.0333	ND	43.5	40-140		
Dibenz (a,h) anthracene	0.0146	0.00500	"	0.0333	ND	43.9	40-140		
Fluoranthene	0.0145	0.00500	"	0.0333	ND	43.5	40-140		
Fluorene	0.0153	0.00500	"	0.0333	ND	45.9	40-140		
Indeno (1,2,3-cd) pyrene	0.0159	0.00500	"	0.0333	ND	47.6	40-140		
Pyrene	0.0155	0.00500	"	0.0333	ND	46.5	40-140		
1-Methylnaphthalene	0.0179	0.00500	"	0.0333	ND	53.8	40-140		
2-Methylnaphthalene	0.0172	0.00500	"	0.0333	ND	51.5	40-140		
Surrogate: 2-Methylnaphthalene-d10	0.0187		"	0.0333		56.0	40-140		
Surrogate: Fluoranthene-d10	0.0148		"	0.0333		44.3	40-140		

Matrix Spike Dup (BID0311-MSD1)	Source: 2504007-01			Prepared: 04/06/25 Analyzed: 04/30/25					
Acenaphthene	0.0192	0.00500	mg/kg	0.0333	ND	57.6	40-140	23.8	30
Anthracene	0.0197	0.00500	"	0.0333	ND	59.0	40-140	30.0	30
Benzo (a) anthracene	0.0203	0.00500	"	0.0333	ND	61.0	40-140	28.3	30
Benzo (a) pyrene	0.0192	0.00500	"	0.0333	ND	57.7	40-140	27.2	30
Benzo (b) fluoranthene	0.0201	0.00500	"	0.0333	ND	60.3	40-140	30.1	30
Benzo (k) fluoranthene	0.0191	0.00500	"	0.0333	ND	57.3	40-140	27.7	30
Chrysene	0.0184	0.00500	"	0.0333	ND	55.2	40-140	23.7	30
Dibenz (a,h) anthracene	0.0157	0.00500	"	0.0333	ND	47.2	40-140	7.32	30
Fluoranthene	0.0190	0.00500	"	0.0333	ND	56.9	40-140	26.7	30
Fluorene	0.0189	0.00500	"	0.0333	ND	56.6	40-140	21.0	30
Indeno (1,2,3-cd) pyrene	0.0116	0.00500	"	0.0333	ND	34.9	40-140	30.9	30
Pyrene	0.0192	0.00500	"	0.0333	ND	57.7	40-140	21.5	30
1-Methylnaphthalene	0.0169	0.00500	"	0.0333	ND	50.6	40-140	6.14	30
2-Methylnaphthalene	0.0178	0.00500	"	0.0333	ND	53.5	40-140	3.76	30
Surrogate: 2-Methylnaphthalene-d10	0.0193		"	0.0333		58.0	40-140		
Surrogate: Fluoranthene-d10	0.0213		"	0.0333		63.8	40-140		

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 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BID0060 - EPA 3050B**

**Blank (BID0060-BLK1)**

Prepared & Analyzed: 04/02/25

Boron ND 2.00 mg/L

**LCS (BID0060-BS1)**

Prepared & Analyzed: 04/02/25

Boron 4.08 2.00 mg/L 5.00 81.6 80-120

**Duplicate (BID0060-DUP1)**

Source: 2503456-28

Prepared & Analyzed: 04/02/25

Boron 0.180 2.00 mg/L 0.177 1.42 20

**Matrix Spike (BID0060-MS1)**

Source: 2503456-28

Prepared & Analyzed: 04/02/25

Boron 4.78 2.00 mg/L 5.02 0.177 91.8 75-125

**Matrix Spike Dup (BID0060-MSD1)**

Source: 2503456-28

Prepared & Analyzed: 04/02/25

Boron 5.03 2.00 mg/L 5.02 0.177 96.8 75-125 5.01 25

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Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BID0066 - EPA 3050B**

**Blank (BID0066-BLK1)**

Prepared & Analyzed: 04/02/25

Arsenic	ND	0.200	mg/kg wet							
Barium	ND	0.400	"							
Cadmium	ND	0.200	"							
Copper	ND	0.400	"							
Lead	ND	0.200	"							
Nickel	ND	0.400	"							
Silver	ND	0.0200	"							
Zinc	ND	0.400	"							
Selenium	ND	0.260	"							

**LCS (BID0066-BS1)**

Prepared & Analyzed: 04/02/25

Arsenic	39.6	0.200	mg/kg wet	39.4	100	80-120
Barium	39.2	0.400	"	39.4	99.7	80-120
Cadmium	1.92	0.200	"	1.97	97.7	80-120
Copper	42.3	0.400	"	39.4	108	80-120
Lead	19.5	0.200	"	19.7	98.9	80-120
Nickel	41.9	0.400	"	39.4	106	80-120
Silver	1.94	0.0200	"	1.97	98.5	80-120
Zinc	41.6	0.400	"	39.4	106	80-120
Selenium	3.90	0.260	"	3.94	99.0	80-120

**Duplicate (BID0066-DUP1)**

Source: 2503280-01

Prepared & Analyzed: 04/02/25

Arsenic	3.33	0.200	mg/kg dry	3.07	8.02	20
Barium	57.7	0.400	"	50.4	13.5	20
Cadmium	0.137	0.200	"	0.132	3.40	20
Copper	3.29	0.400	"	2.83	14.9	20
Lead	4.79	0.200	"	4.99	4.12	20
Nickel	3.80	0.400	"	3.45	9.60	20
Silver	0.0234	0.0200	"	0.0216	8.35	20
Zinc	12.3	0.400	"	11.9	3.18	20
Selenium	ND	0.260	"	ND		20

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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BID0066 - EPA 3050B**

**Matrix Spike (BID0066-MS1)**

Source: 2503280-01

Prepared & Analyzed: 04/02/25

Arsenic	44.1	0.200	mg/kg dry	42.6	3.07	96.2	75-125			
Barium	92.0	0.400	"	42.6	50.4	97.5	75-125			
Cadmium	2.18	0.200	"	2.13	0.132	96.0	75-125			
Copper	35.3	0.400	"	42.6	2.83	76.0	75-125			
Lead	25.0	0.200	"	21.3	4.99	93.9	75-125			
Nickel	36.1	0.400	"	42.6	3.45	76.6	75-125			
Silver	2.03	0.0200	"	2.13	0.0216	94.2	75-125			
Zinc	44.6	0.400	"	42.6	11.9	76.5	75-125			
Selenium	3.22	0.260	"	4.26	ND	75.4	75-125			

**Matrix Spike Dup (BID0066-MSD1)**

Source: 2503280-01

Prepared & Analyzed: 04/02/25

Arsenic	46.4	0.200	mg/kg dry	46.2	3.07	93.7	75-125	4.96	25
Barium	93.1	0.400	"	46.2	50.4	92.4	75-125	1.18	25
Cadmium	2.53	0.200	"	2.31	0.132	104	75-125	14.7	25
Copper	40.3	0.400	"	46.2	2.83	81.0	75-125	13.3	25
Lead	27.7	0.200	"	23.1	4.99	98.4	75-125	10.3	25
Nickel	41.1	0.400	"	46.2	3.45	81.4	75-125	12.8	25
Silver	2.36	0.0200	"	2.31	0.0216	101	75-125	15.0	25
Zinc	49.5	0.400	"	46.2	11.9	81.3	75-125	10.5	25
Selenium	3.82	0.260	"	4.62	ND	82.6	75-125	17.1	25

Summit Scientific

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CDH Consulting  
 9446 Clermont St.  
 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**Hexavalent Chromium by EPA Method 7196 - Quality Control**  
**Summit Scientific**

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

**Batch BID0076 - 3060A Mod**

<b>Blank (BID0076-BLK1)</b>		Prepared & Analyzed: 04/02/25									
Chromium, Hexavalent	ND	0.30	mg/kg wet								
<b>LCS (BID0076-BS1)</b>		Prepared & Analyzed: 04/02/25									
Chromium, Hexavalent	24.2	0.30	mg/kg wet	25.0	96.6	80-120					
<b>Duplicate (BID0076-DUP1)</b>		<b>Source: 2503363-01</b>		Prepared & Analyzed: 04/02/25							
Chromium, Hexavalent	ND	0.30	mg/kg dry		ND					20	
<b>Matrix Spike (BID0076-MS1)</b>		<b>Source: 2503363-01</b>		Prepared & Analyzed: 04/02/25							
Chromium, Hexavalent	28.6	0.30	mg/kg dry	29.8	ND	95.8	75-125				
<b>Matrix Spike Dup (BID0076-MSD1)</b>		<b>Source: 2503363-01</b>		Prepared & Analyzed: 04/02/25							
Chromium, Hexavalent	31.0	0.30	mg/kg dry	30.4	ND	102	75-125	8.07		20	

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 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BID0055 - General Preparation**

**Blank (BID0055-BLK1)**

Prepared: 04/01/25 Analyzed: 04/02/25

Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							

**LCS (BID0055-BS1)**

Prepared: 04/01/25 Analyzed: 04/02/25

Calcium	4.99	0.0500	mg/L wet	5.00	99.8	70-130
Magnesium	4.71	0.0500	"	5.00	94.1	70-130
Sodium	4.74	0.0500	"	5.00	94.8	70-130

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Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

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

**Summit Scientific**

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

**Batch BID0065 - General Preparation**

**Duplicate (BID0065-DUP1)**

**Source: 2503456-40**

Prepared & Analyzed: 04/02/25

% Solids	90.9		%		91.1			0.168		20	
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CDH Consulting  
 9446 Clermont St.  
 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BID0057 - General Preparation**

**Blank (BID0057-BLK1)**

Prepared: 04/01/25 Analyzed: 04/02/25

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BID0057-BS1)**

Prepared: 04/01/25 Analyzed: 04/02/25

Specific Conductance (EC) 0.151 0.0100 mmhos/cm 0.150 101 95-105

**Duplicate (BID0057-DUP1)**

Source: 2503170-01

Prepared: 04/01/25 Analyzed: 04/02/25

Specific Conductance (EC) 2.00 0.0100 mmhos/cm 2.03 1.19 20

Summit Scientific

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 Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
 Project Manager: David Stainback

**Reported:**  
 05/05/25 11:06

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BID0056 - General Preparation**

**LCS (BID0056-BS1)**

Prepared: 04/01/25 Analyzed: 04/02/25

pH	9.22	pH Units	9.18	100	95-105
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**Duplicate (BID0056-DUP1)**

Source: 2503170-01

Prepared: 04/01/25 Analyzed: 04/02/25

pH	7.70	pH Units	7.72	0.259	20
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Summit Scientific

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9446 Clermont St.  
Thornton CO, 80119

Project: Chevron - McMillan Trust 19-14G WH

Project Number: [none]  
Project Manager: David Stainback

**Reported:**  
05/05/25 11:06

### Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- 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.
- QM-01 The spike recovery for this QC sample is outside of established control limits due to sample 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