

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 09, 2025

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

RE: Chevron - Lyster E26-23

Work Order #2503462

Enclosed are the results of analyses for samples received by Summit Scientific on 03/31/25 09:00. 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 - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL03-02@4'	2503462-01	Soil	03/28/25 14:10	03/31/25 09:00
FL03-03@4'	2503462-02	Soil	03/28/25 14:45	03/31/25 09:00
BKG01@4'	2503462-03	Soil	03/28/25 16:05	03/31/25 09:00

SUMMIT SCIENTIFIC

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

Lab ID	Page 1 of 1
2503462	

Client: <u>CDH Consulting</u>		Send Data To: Project Manager: <u>David Stainback</u>		Send Invoice To: Company: <u>Chevron - Jason Davidson</u>	
Address: <u>9446 Chermont St.</u>		E-Mail: <u>CVX-PM@cdhconsult.com</u>		Project Name/Location:	
City/State/Zip: <u>Turkey CO</u>		cc: <u>RBUEVF27@chevron.com</u>		AFB#:	
Phone: <u>(970) 403-4108</u>		Project Name: <u>Lyster B26-23</u>		PO/Billing Codes:	
Sampler Name: <u>Elizabeth Naka</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	Baron	EC	pH		SAR	Table 915 Metals
1	FLO3-02 @ 4'	3/28/25	1410	2			X			X			X						
2	FLO3-03 @ 4'		1445										X						
3	16K501 @ 4'	↓	1605	↓									X	X	X	X	X		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/28/25 @ 1705</u>	Received by: <u>[Signature]</u>	Date/Time: <u>3/31/25</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/31/25</u>	Received by: <u>[Signature]</u>	Date/Time: <u>3/31/25</u>	1 Day	Field ORP	
	<u>0900</u>		<u>0900</u>	2 Days	Field pH	
Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/31/25</u>	Received by: <u>[Signature]</u>	Date/Time: <u>3/31/25</u>	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>2.9</u>	Corrected Temperature: <u>8</u>	IR gun #: <u>1</u>	HNO3 lot #: <u></u>			

S₂

S2 Work Order# 2503462

Sample Receipt Checklist

Client: CDH Client Project ID: Lyster Elk-23Received Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____Matrix (Circle all that apply) Air/Soil/Water/Other Temp (°C) 29 Thermometer # 1Bottle 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? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	-			on 20CE
If custody seals are present, are they intact? ⁽¹⁾	-			
Are samples due within 48 hours?			-	No Answer
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, Total Residual Chlorine (TRC)		-		
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾		-		NO TAT
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	-			
Were all samples received intact? ⁽¹⁾	✓			
Was adequate sample volume provided? ⁽¹⁾	✓			
Were samples provided in appropriate bottle ware?	✓			
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	✓			
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are any samples/bottles preserved (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.			✓	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ 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		✓		
Additional Comments (if any):				

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

Control Form #: SRC-001

V. L. U. d
Custodian Printed Name

3/31/25 09:00
Date/Time



CDH Consulting
9446 Clermont St.
Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

FL03-02@4'
2503462-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BID0044	04/01/25	04/01/25	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	0.11	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0456	114 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0406	101 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0424	106 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/28/25 14:10**

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

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	7.09	56.7 %		50-140		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project Number: [none]
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FL03-02@4'
2503462-01 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	0.222	0.00500	mg/kg	1	BID0034	04/01/25	05/07/25	EPA 8270D SIM	E
Anthracene	0.571	0.00500	"	"	"	"	"	"	E
Benzo (a) anthracene	0.480	0.00500	"	"	"	"	"	"	E
Benzo (a) pyrene	0.433	0.00500	"	"	"	"	"	"	E
Benzo (b) fluoranthene	0.529	0.00500	"	"	"	"	"	"	E
Benzo (k) fluoranthene	0.200	0.00500	"	"	"	"	"	"	E
Chrysene	0.500	0.00500	"	"	"	"	"	"	E
Dibenz (a,h) anthracene	0.159	0.00500	"	"	"	"	"	"	E
Fluoranthene	0.913	0.00500	"	"	"	"	"	"	E
Fluorene	0.355	0.00500	"	"	"	"	"	"	E
Indeno (1,2,3-cd) pyrene	0.504	0.00500	"	"	"	"	"	"	E
Pyrene	0.764	0.00500	"	"	"	"	"	"	E
1-Methylnaphthalene	0.0453	0.00500	"	"	"	"	"	"	E
2-Methylnaphthalene	0.0808	0.00500	"	"	"	"	"	"	E

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0292	87.7 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0231	69.3 %	40-140		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0001	04/01/25	04/02/25	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	4.02	0.200	mg/kg dry	1	BID0008	04/01/25	04/02/25	EPA 6020B	

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Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
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FL03-02@4'
2503462-01 (Soil)

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Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Barium	110	0.400	mg/kg dry	1	BID0008	04/01/25	04/02/25	EPA 6020B	
Cadmium	0.243	0.200	"	"	"	"	"	"	
Copper	3.96	0.400	"	"	"	"	"	"	
Lead	5.98	0.200	"	"	"	"	"	"	
Nickel	4.55	0.400	"	"	"	"	"	"	
Silver	0.0231	0.0200	"	"	"	"	"	"	
Zinc	15.5	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0094	04/02/25	04/02/25	EPA 7196A	

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

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	57.1	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	17.4	0.0500	"	"	"	"	"	"	
Sodium	18.7	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.556	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.8		%	1	BID0006	04/01/25	04/01/25	Calculation	

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FL03-02@4'
2503462-01 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.544	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: **03/28/25 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.33		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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FL03-03@4'
2503462-02 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BID0044	04/01/25	04/01/25	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: **03/28/25 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0437	109 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0397	99.2 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0418	104 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/28/25 14:45**

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

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	6.37	50.9 %		50-140		"	"	"	"	

PAH by EPA Method 8270D SIM

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FL03-03@4'
2503462-02 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BID0034	04/01/25	05/07/25	EPA 8270D SIM	
Anthracene	0.0120	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	0.0104	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	0.00673	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.0110	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	0.0112	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	0.0333	0.00500	"	"	"	"	"	"	
Fluorene	0.00575	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.00566	0.00500	"	"	"	"	"	"	
Pyrene	0.0234	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0272	81.5 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0251	75.3 %	40-140		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BID0001	04/01/25	04/02/25	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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FL03-03@4'
2503462-02 (Soil)

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Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Arsenic	3.87	0.200	mg/kg dry	1	BID0008	04/01/25	04/02/25	EPA 6020B
Barium	70.2	0.400	"	"	"	"	"	"
Cadmium	0.213	0.200	"	"	"	"	"	"
Copper	5.65	0.400	"	"	"	"	"	"
Lead	6.05	0.200	"	"	"	"	"	"
Nickel	5.41	0.400	"	"	"	"	"	"
Silver	0.0329	0.0200	"	"	"	"	"	"
Zinc	23.4	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0094	04/02/25	04/02/25	EPA 7196A	

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

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	48.4	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	12.1	0.0500	"	"	"	"	"	"	
Sodium	12.8	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.426	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project Number: [none]
 Project Manager: David Stainback

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FL03-03@4'
2503462-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

% Solids	84.2	%	1	BID0006	04/01/25	04/01/25	Calculation
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Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.390	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: **03/28/25 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.35		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

BKG01@4'
2503462-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	2.00	mg/L	1	BID0001	04/01/25	04/02/25	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.86	0.200	mg/kg dry	1	BID0008	04/01/25	04/02/25	EPA 6020B	
Barium	81.2	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	2.88	0.400	"	"	"	"	"	"	
Lead	4.78	0.200	"	"	"	"	"	"	
Nickel	3.93	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	13.3	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BID0094	04/02/25	04/02/25	EPA 7196A	

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

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	42.2	0.0500	mg/L dry	1	BID0055	04/01/25	04/02/25	EPA 6020B	
Magnesium	15.4	0.0500	"	"	"	"	"	"	
Sodium	33.7	0.0500	"	"	"	"	"	"	

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9446 Clermont St.
Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

BKG01@4'
2503462-03 (Soil)

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Calculated Analysis

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.13	0.00100	units	1	BID0187	04/03/25	04/03/25	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.7		%	1	BID0006	04/01/25	04/01/25	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **03/28/25 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.565	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: **03/28/25 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.39		pH Units	1	BID0056	04/01/25	04/02/25	EPA 9045D	

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Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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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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Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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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 - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

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 - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

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 BID0034 - EPA 5030 Soil MS

Blank (BID0034-BLK1)

Prepared: 04/01/25 Analyzed: 05/06/25

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	0.0280		"	0.0333		83.9	40-140			
Surrogate: Fluoranthene-d10	0.0259		"	0.0333		77.8	40-140			

LCS (BID0034-BS1)

Prepared: 04/01/25 Analyzed: 05/06/25

Acenaphthene	0.0224	0.00500	mg/kg	0.0333		67.1	40-140			
Anthracene	0.0234	0.00500	"	0.0333		70.2	40-140			
Benzo (a) anthracene	0.0232	0.00500	"	0.0333		69.6	40-140			
Benzo (a) pyrene	0.0236	0.00500	"	0.0333		70.7	40-140			
Benzo (b) fluoranthene	0.0244	0.00500	"	0.0333		73.2	40-140			
Benzo (k) fluoranthene	0.0243	0.00500	"	0.0333		73.0	40-140			
Chrysene	0.0234	0.00500	"	0.0333		70.3	40-140			
Dibenz (a,h) anthracene	0.0292	0.00500	"	0.0333		87.6	40-140			
Fluoranthene	0.0243	0.00500	"	0.0333		72.8	40-140			
Fluorene	0.0246	0.00500	"	0.0333		73.9	40-140			
Indeno (1,2,3-cd) pyrene	0.0175	0.00500	"	0.0333		52.5	40-140			
Pyrene	0.0223	0.00500	"	0.0333		66.8	40-140			
1-Methylnaphthalene	0.0226	0.00500	"	0.0333		67.8	40-140			
2-Methylnaphthalene	0.0229	0.00500	"	0.0333		68.6	40-140			
Surrogate: 2-Methylnaphthalene-d10	0.0254		"	0.0333		76.2	40-140			
Surrogate: Fluoranthene-d10	0.0261		"	0.0333		78.2	40-140			

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Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

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 BID0034 - EPA 5030 Soil MS

Matrix Spike (BID0034-MS1)	Source: 2503440-01			Prepared: 04/01/25 Analyzed: 05/06/25	
Acenaphthene	0.0177	0.00500	mg/kg	0.0333	ND 53.0 40-140
Anthracene	0.0176	0.00500	"	0.0333	ND 52.8 40-140
Benzo (a) anthracene	0.0190	0.00500	"	0.0333	ND 56.9 40-140
Benzo (a) pyrene	0.0191	0.00500	"	0.0333	ND 57.2 40-140
Benzo (b) fluoranthene	0.0191	0.00500	"	0.0333	ND 57.2 40-140
Benzo (k) fluoranthene	0.0194	0.00500	"	0.0333	ND 58.1 40-140
Chrysene	0.0189	0.00500	"	0.0333	ND 56.6 40-140
Dibenz (a,h) anthracene	0.0263	0.00500	"	0.0333	ND 78.8 40-140
Fluoranthene	0.0188	0.00500	"	0.0333	ND 56.5 40-140
Fluorene	0.0203	0.00500	"	0.0333	ND 61.0 40-140
Indeno (1,2,3-cd) pyrene	0.0153	0.00500	"	0.0333	ND 46.0 40-140
Pyrene	0.0183	0.00500	"	0.0333	ND 54.8 40-140
1-Methylnaphthalene	0.0194	0.00500	"	0.0333	ND 58.3 40-140
2-Methylnaphthalene	0.0184	0.00500	"	0.0333	ND 55.3 40-140
Surrogate: 2-Methylnaphthalene-d10	0.0215		"	0.0333	64.6 40-140
Surrogate: Fluoranthene-d10	0.0206		"	0.0333	61.8 40-140

Matrix Spike Dup (BID0034-MSD1)	Source: 2503440-01			Prepared: 04/01/25 Analyzed: 05/06/25	
Acenaphthene	0.0188	0.00500	mg/kg	0.0333	ND 56.3 40-140 5.95 30
Anthracene	0.0193	0.00500	"	0.0333	ND 57.8 40-140 9.08 30
Benzo (a) anthracene	0.0200	0.00500	"	0.0333	ND 60.1 40-140 5.54 30
Benzo (a) pyrene	0.0208	0.00500	"	0.0333	ND 62.5 40-140 8.92 30
Benzo (b) fluoranthene	0.0221	0.00500	"	0.0333	ND 66.2 40-140 14.5 30
Benzo (k) fluoranthene	0.0211	0.00500	"	0.0333	ND 63.4 40-140 8.87 30
Chrysene	0.0203	0.00500	"	0.0333	ND 61.0 40-140 7.50 30
Dibenz (a,h) anthracene	0.0299	0.00500	"	0.0333	ND 89.6 40-140 12.8 30
Fluoranthene	0.0212	0.00500	"	0.0333	ND 63.7 40-140 11.9 30
Fluorene	0.0216	0.00500	"	0.0333	ND 64.9 40-140 6.32 30
Indeno (1,2,3-cd) pyrene	0.0169	0.00500	"	0.0333	ND 50.7 40-140 9.75 30
Pyrene	0.0194	0.00500	"	0.0333	ND 58.3 40-140 6.07 30
1-Methylnaphthalene	0.0209	0.00500	"	0.0333	ND 62.7 40-140 7.25 30
2-Methylnaphthalene	0.0207	0.00500	"	0.0333	ND 62.2 40-140 11.6 30
Surrogate: 2-Methylnaphthalene-d10	0.0234		"	0.0333	70.1 40-140
Surrogate: Fluoranthene-d10	0.0230		"	0.0333	69.1 40-140

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 Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
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Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD	Limit	Notes
		Limit	Units			%REC	Limits			

Batch BID0001 - EPA 3050B

Blank (BID0001-BLK1)

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

Boron ND 2.00 mg/L

LCS (BID0001-BS1)

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

Boron 4.67 2.00 mg/L 5.00 93.4 80-120

Duplicate (BID0001-DUP1)

Source: 2503461-01

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

Boron 0.152 2.00 mg/L 0.156 2.82 20

Matrix Spike (BID0001-MS1)

Source: 2503461-01

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

Boron 5.63 2.00 mg/L 4.98 0.156 110 75-125

Matrix Spike Dup (BID0001-MSD1)

Source: 2503461-01

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

Boron 5.39 2.00 mg/L 4.98 0.156 105 75-125 4.38 25

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Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

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 BID0008 - EPA 3050B

Blank (BID0008-BLK1)

Prepared: 04/01/25 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 (BID0008-BS1)

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

Arsenic	36.2	0.200	mg/kg wet	40.3	89.7	80-120
Barium	39.8	0.400	"	40.3	98.7	80-120
Cadmium	1.95	0.200	"	2.02	96.8	80-120
Copper	39.5	0.400	"	40.3	97.9	80-120
Lead	19.4	0.200	"	20.2	96.0	80-120
Nickel	38.9	0.400	"	40.3	96.4	80-120
Silver	1.95	0.0200	"	2.02	96.6	80-120
Zinc	38.8	0.400	"	40.3	96.3	80-120
Selenium	3.89	0.260	"	4.03	96.4	80-120

Duplicate (BID0008-DUP1)

Source: 2503235-01

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

Arsenic	3.89	0.200	mg/kg dry	3.53	9.93	20
Barium	71.0	0.400	"	73.3	3.24	20
Cadmium	0.464	0.200	"	0.428	8.14	20
Copper	9.07	0.400	"	8.80	2.95	20
Lead	14.2	0.200	"	12.2	15.1	20
Nickel	6.80	0.400	"	6.09	11.1	20
Silver	0.0977	0.0200	"	0.0966	1.11	20
Zinc	31.1	0.400	"	29.8	4.00	20
Selenium	0.490	0.260	"	0.581	17.2	20

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9446 Clermont St.
Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

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 BID0008 - EPA 3050B

Matrix Spike (BID0008-MS1)	Source: 2503235-01			Prepared: 04/01/25		Analyzed: 04/02/25					
Arsenic	55.4	0.200	mg/kg dry	59.7	3.53	86.8	75-125				
Barium	123	0.400	"	59.7	73.3	83.5	75-125				
Cadmium	3.36	0.200	"	2.99	0.428	98.2	75-125				
Copper	39.4	0.400	"	59.7	8.80	51.1	75-125				QM-05
Lead	40.4	0.200	"	29.9	12.2	94.5	75-125				
Nickel	38.0	0.400	"	59.7	6.09	53.4	75-125				QM-05
Silver	2.92	0.0200	"	2.99	0.0966	94.6	75-125				
Zinc	61.1	0.400	"	59.7	29.8	52.4	75-125				QM-05
Selenium	6.24	0.260	"	5.97	0.581	94.7	75-125				

Matrix Spike Dup (BID0008-MSD1)	Source: 2503235-01			Prepared: 04/01/25		Analyzed: 04/02/25					
Arsenic	56.5	0.200	mg/kg dry	61.2	3.53	86.5	75-125	2.00	25		
Barium	130	0.400	"	61.2	73.3	92.5	75-125	5.29	25		
Cadmium	3.26	0.200	"	3.06	0.428	92.6	75-125	3.05	25		
Copper	41.6	0.400	"	61.2	8.80	53.6	75-125	5.49	25		QM-05
Lead	38.9	0.200	"	30.6	12.2	87.1	75-125	3.96	25		
Nickel	37.7	0.400	"	61.2	6.09	51.7	75-125	0.697	25		QM-05
Silver	2.89	0.0200	"	3.06	0.0966	91.4	75-125	1.06	25		
Zinc	62.8	0.400	"	61.2	29.8	53.9	75-125	2.71	25		QM-05
Selenium	5.98	0.260	"	6.12	0.581	88.2	75-125	4.33	25		

Summit Scientific

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CDH Consulting
 9446 Clermont St.
 Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BID0094 - 3060A Mod

Blank (BID0094-BLK1)

Prepared & Analyzed: 04/02/25

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BID0094-BS1)

Prepared & Analyzed: 04/02/25

Chromium, Hexavalent 25.2 0.30 mg/kg wet 26.3 95.8 80-120

Duplicate (BID0094-DUP1)

Source: 2503419-01

Prepared & Analyzed: 04/02/25

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BID0094-MS1)

Source: 2503419-01

Prepared & Analyzed: 04/02/25

Chromium, Hexavalent 28.2 0.30 mg/kg dry 30.4 ND 92.6 75-125

Matrix Spike Dup (BID0094-MSD1)

Source: 2503419-01

Prepared & Analyzed: 04/02/25

Chromium, Hexavalent 29.9 0.30 mg/kg dry 30.4 ND 98.2 75-125 5.87 20

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Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

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

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%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 - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

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

Summit Scientific

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

Batch BID0006 - General Preparation

Duplicate (BID0006-DUP1)

Source: 2503461-02

Prepared & Analyzed: 04/01/25

% Solids	87.1		%		88.2			1.29	20	
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CDH Consulting
 9446 Clermont St.
 Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

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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Project: Chevron - Lyster E26-23

Project Number: [none]
 Project Manager: David Stainback

Reported:
 05/09/25 09:43

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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CDH Consulting
9446 Clermont St.
Thornton CO, 80119

Project: Chevron - Lyster E26-23

Project Number: [none]
Project Manager: David Stainback

Reported:
05/09/25 09:43

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.
- 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.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- 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