



Montrose Environmental

Kyle Poisson

471 Denver Ave

Loveland

CO

80537

September 16, 2025

Project Name - Chevron - Spike State D12-03

Project Number - 24016

Attached are your analytical results for Chevron - Spike State D12-03 received by Origins Laboratory August 27, 2025. This project is associated with Origins project number E5H0614-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Montrose Environmental
471 Denver Ave
Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG04@4'	E5H0614-01	Soil	August 27, 2025 9:20	08/27/2025 17:38
BKG04@5'	E5H0614-02	Soil	August 27, 2025 9:23	08/27/2025 17:38
BKG04@6'	E5H0614-03	Soil	August 27, 2025 9:27	08/27/2025 17:38
BKG04@7'	E5H0614-04	Soil	August 27, 2025 9:32	08/27/2025 17:38
BKG05@4'	E5H0614-05	Soil	August 27, 2025 9:25	08/27/2025 17:38
BKG05@5'	E5H0614-06	Soil	August 27, 2025 9:40	08/27/2025 17:38
BKG05@6'	E5H0614-07	Soil	August 27, 2025 9:48	08/27/2025 17:38
BKG05@7'	E5H0614-08	Soil	August 27, 2025 9:56	08/27/2025 17:38
BKG03@4'	E5H0614-09	Soil	August 27, 2025 9:48	08/27/2025 17:38
BKG03@5'	E5H0614-10	Soil	August 27, 2025 9:55	08/27/2025 17:38
BKG03@6'	E5H0614-11	Soil	August 27, 2025 10:00	08/27/2025 17:38
BKG03@7'	E5H0614-12	Soil	August 27, 2025 10:04	08/27/2025 17:38
BKG02@4'	E5H0614-13	Soil	August 27, 2025 10:20	08/27/2025 17:38
BKG02@5'	E5H0614-14	Soil	August 27, 2025 10:24	08/27/2025 17:38

Origins Laboratory

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Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG02@6'	E5H0614-15	Soil	August 27, 2025 10:28	08/27/2025 17:38
BKG02@7'	E5H0614-16	Soil	August 27, 2025 10:33	08/27/2025 17:38
FL01@4'	E5H0614-17	Soil	August 27, 2025 10:22	08/27/2025 17:38
WH01-SB02@6'	E5H0614-18	Soil	August 27, 2025 11:55	08/27/2025 17:38
WH01-SB04@6'	E5H0614-19	Soil	August 27, 2025 11:50	08/27/2025 17:38
WH01-SB01@6'	E5H0614-20	Soil	August 27, 2025 10:56	08/27/2025 17:38
WH01-SB03@6'	E5H0614-21	Soil	August 27, 2025 12:21	08/27/2025 17:38
WH01-SB@5'	E5H0614-22	Soil	August 27, 2025 12:45	08/27/2025 17:38
WH01-SB@6'	E5H0614-23	Soil	August 27, 2025 12:56	08/27/2025 17:38
WH01-SB@7'	E5H0614-24	Soil	August 27, 2025 13:02	08/27/2025 17:38

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Montrose Environmental
471 Denver Ave
Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

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LABORATORY

EST0014

Page 2 of 3

Client: Montrose/CVX

Project Manager: Kyle Poisson

Address: 471 N Denver Ave Loveland CO

Project Name: Spike State D12-3

Telephone number: (970) 274-8092

Project Number: 24016

Email Address: Chevron-montrose

Invoice Billing Info: Bill to Chevron - Dan Peterson

S-5011 SO-Solid (0-0) A-air/ G-gas I-IMP-impres/ HCl- Hydrochloric/ HNO3-nitric/ H2SO4-sulfuric/ NaOH-sodium Hydroxide

Collected By: Eda Sullivan
WWE=Waste Water
WLI=Water

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservation	Analysis	Comments
B1602061	8/29/25	10:00	3	UNP	X	
B1602067	8/29/25	10:14	3	UNP	X	
B1602064	8/29/25	10:20	3	UNP	X	
B1602065	8/29/25	10:24	3	UNP	X	
B1602066	8/29/25	10:28	3	UNP	X	
B1602067	8/29/25	10:33	3	UNP	X	
B1602064	8/29/25	10:42	3	UNP	X	
W1601-S1010101	8/27/25	11:55	3	UNP	X	
W1601-S1010101	8/27/25	11:50	3	UNP	X	
W1601-S1010101	8/27/25	10:56	3	UNP	X	

Requested By: Katie Jones Date: 8/27/25 Time: 15:23 Received By: TK Date: 8/27/25 Time: 15:29

Requested By: Tim Mahy Date: 8/29/25 Time: 08:17 Received By: NLA Date: 08/27/25 Time: 11:38

Temp Received: 4.3°C Received On ice? Yes No

Turnaround Time
 48 Hr 72
 SAME DAY 24 Hr
 Standard

Origins Laboratory

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Montrose Environmental
471 Denver Ave
Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

ORIGINS
LABORATORY

ESTHOLD


Page 3 of 3

Client: Montrose LLC
Address: 471 N. Denver Avenue, Loveland, CO
Project Manager: Kyle Poisson
Project Name: Spike State D12-03
Project Number: 24016
Telephone Number: (970) 271-5192
Email Address: chevron-montrose
Invoice/Billing Info: Chadwick, Dan Peterson
S/S: Surface Water
W/W: Waste Water
I: Liquid
Collected By: Chadwick, Dan Peterson
Key: W-Water
QW-Groundwater

S-Soil | S-Soil | D-Soil | Leach | E-SOS | U-UN- | L- | HCL | Hydrochloric | HNO3-Nitric | H2SO4-Sulfuric | NaOH-Sodium Hydroxide

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservation	Analysis		Comments
					Multi-Element SIS-1		
WML-SBGS-016	8/27/25	15:23	5	UPN X			
WML-SBGS-017	8/27/25	15:23	5	UPN X			
WML-SBGS-018	8/27/25	15:23	5	UPN X			
WML-SBGS-019	8/27/25	15:23	5	UPN X			
WML-SBGS-020	8/27/25	15:23	5	UPN X			
WML-SBGS-021	8/27/25	15:23	5	UPN X			
WML-SBGS-022	8/27/25	15:23	5	UPN X			
WML-SBGS-023	8/27/25	15:23	5	UPN X			
WML-SBGS-024	8/27/25	15:23	5	UPN X			
WML-SBGS-025	8/27/25	15:23	5	UPN X			
WML-SBGS-026	8/27/25	15:23	5	UPN X			
WML-SBGS-027	8/27/25	15:23	5	UPN X			
WML-SBGS-028	8/27/25	15:23	5	UPN X			
WML-SBGS-029	8/27/25	15:23	5	UPN X			
WML-SBGS-030	8/27/25	15:23	5	UPN X			
WML-SBGS-031	8/27/25	15:23	5	UPN X			
WML-SBGS-032	8/27/25	15:23	5	UPN X			
WML-SBGS-033	8/27/25	15:23	5	UPN X			
WML-SBGS-034	8/27/25	15:23	5	UPN X			
WML-SBGS-035	8/27/25	15:23	5	UPN X			
WML-SBGS-036	8/27/25	15:23	5	UPN X			
WML-SBGS-037	8/27/25	15:23	5	UPN X			
WML-SBGS-038	8/27/25	15:23	5	UPN X			
WML-SBGS-039	8/27/25	15:23	5	UPN X			
WML-SBGS-040	8/27/25	15:23	5	UPN X			
WML-SBGS-041	8/27/25	15:23	5	UPN X			
WML-SBGS-042	8/27/25	15:23	5	UPN X			
WML-SBGS-043	8/27/25	15:23	5	UPN X			
WML-SBGS-044	8/27/25	15:23	5	UPN X			
WML-SBGS-045	8/27/25	15:23	5	UPN X			
WML-SBGS-046	8/27/25	15:23	5	UPN X			
WML-SBGS-047	8/27/25	15:23	5	UPN X			
WML-SBGS-048	8/27/25	15:23	5	UPN X			
WML-SBGS-049	8/27/25	15:23	5	UPN X			
WML-SBGS-050	8/27/25	15:23	5	UPN X			

Requisitioned By: Kate Davis
Date: 8/27/25
Time: 17:38
Received By: TE1
Date: 8/27/25
Time: 11:38
Temp Received: 41°C
Received On Ice? Yes No
Turnaround Time: 48 Hr 72 Hr
 SAME DAY 24 Hr
 Standard

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Montrose Environmental
471 Denver Ave
Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ESH0614

Client: Montrose/Chevron
Client Project ID: Spike State D12-03

Checklist Completed by: NB/TEK

Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Date/time completed: 8/28/25

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 1 / 4.2 °C (Describe)

Thermometer ID: TO07

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JIS

Date/Time Reviewed 8/29/25

Origins Laboratory

ESH

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 Loveland CO 80537

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 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG04@4'
8/27/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-01 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.163		0.105	mg/L dry	1	B5H2817	08/28/2025	08/29/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.79		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	96.4			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.24			pH Units	1	B5H2815	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									
SAR	0.107		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	

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 Project Number: 24016
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BKG04@4'

8/27/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-01 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.199		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	14.4		0.204	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	72.8		57.4	"	"	"	"	"	
Cadmium	ND		0.266	"	"	"	"	"	U
Copper	ND		32.2	"	"	"	"	"	U
Lead	ND		9.80	"	"	"	"	"	U
Nickel	ND		18.2	"	"	"	"	"	U
Selenium	ND		0.172	"	"	"	"	"	U
Silver	ND		0.560	"	"	"	"	"	U
Zinc	ND		259	"	"	"	"	"	U

Origins Laboratory

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BKG04@5'
8/27/2025 9:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-02 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.111		0.103	mg/L dry	1	B5H2817	08/28/2025	08/29/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.05		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"
Percent Solids									
Total Solids, Percent	97.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.34			pH Units	1	B5H2815	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									
SAR	0.191		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	

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 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG04@5'

8/27/2025 9:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.172		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.49		0.209	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	88.9		59.0	"	"	"	"	"	
Cadmium	ND		0.273	"	"	"	"	"	U
Copper	ND		33.1	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.7	"	"	"	"	"	U
Selenium	ND		0.177	"	"	"	"	"	U
Silver	ND		0.576	"	"	"	"	"	U
Zinc	ND		266	"	"	"	"	"	U

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 Project: Chevron - Spike State D12-03

BKG04@6'
8/27/2025 9:27:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-03 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.113		0.101	mg/L dry	1	B5H2817	08/28/2025	08/29/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.09		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	97.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.38			pH Units	1	B5H2815	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									
SAR	0.235		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG04@6'

8/27/2025 9:27:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-03 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.210		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.14		0.192	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	106		54.0	"	"	"	"	"	
Cadmium	ND		0.250	"	"	"	"	"	U
Copper	ND		30.3	"	"	"	"	"	U
Lead	ND		9.23	"	"	"	"	"	U
Nickel	ND		17.1	"	"	"	"	"	U
Selenium	ND		0.162	"	"	"	"	"	U
Silver	ND		0.527	"	"	"	"	"	U
Zinc	ND		244	"	"	"	"	"	U

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 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG04@7'

8/27/2025 9:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-04 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.109	mg/L dry	1	B5H2817	08/28/2025	08/29/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	0.595		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	90.3			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.45			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	0.462		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG04@7'

8/27/2025 9:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-04 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.175		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	2.30		0.215	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	70.8		60.7	"	"	"	"	"	
Cadmium	ND		0.281	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.4	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.592	"	"	"	"	"	U
Zinc	ND		274	"	"	"	"	"	U

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@4'

8/27/2025 9:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-05 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.236		0.105	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.35		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	95.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.31			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@4'

8/27/2025 9:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-05 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.208		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.204		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.51		0.213	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	168		60.2	"	"	"	"	"	
Cadmium	ND		0.279	"	"	"	"	"	U
Copper	ND		33.7	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.1	"	"	"	"	"	U
Selenium	0.242		0.180	"	"	"	"	"	
Silver	ND		0.587	"	"	"	"	"	U
Zinc	ND		271	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@5'

8/27/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-06 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.114	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.149		0.114	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.06		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	87.7			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.37			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@5'

8/27/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-06 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.303		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.176		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.81		0.238	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	ND		67.2	"	"	"	"	"	U
Cadmium	ND		0.312	"	"	"	"	"	U
Copper	ND		37.7	"	"	"	"	"	U
Lead	ND		11.5	"	"	"	"	"	U
Nickel	ND		21.3	"	"	"	"	"	U
Selenium	ND		0.202	"	"	"	"	"	U
Silver	ND		0.656	"	"	"	"	"	U
Zinc	ND		303	"	"	"	"	"	U

Origins Laboratory

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 471 Denver Ave
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@6'

8/27/2025 9:48:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-07 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.102	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.109		0.102	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.961		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	98.0			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.37			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG0506'

8/27/2025 9:48:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-07 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.304		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.180		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.78		0.200	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	57.1		56.5	"	"	"	"	"	
Cadmium	ND		0.262	"	"	"	"	"	U
Copper	ND		31.7	"	"	"	"	"	U
Lead	ND		9.65	"	"	"	"	"	U
Nickel	ND		17.9	"	"	"	"	"	U
Selenium	ND		0.170	"	"	"	"	"	U
Silver	ND		0.551	"	"	"	"	"	U
Zinc	ND		255	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@7'

8/27/2025 9:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-08 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.102	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.102	"	"	"	"	"	U

Metals by Saturated Paste by EPA 6010

Calcium	1.01		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	98.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.41			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG05@7'

8/27/2025 9:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-08 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.273		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.211		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.98		0.212	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	ND		59.8	"	"	"	"	"	U
Cadmium	ND		0.277	"	"	"	"	"	U
Copper	ND		33.6	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		19.0	"	"	"	"	"	U
Selenium	ND		0.180	"	"	"	"	"	U
Silver	ND		0.584	"	"	"	"	"	U
Zinc	ND		270	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@4'

8/27/2025 9:48:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-09 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.273		0.105	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.75		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	95.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.27			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@4'

8/27/2025 9:48:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-09 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.155		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.239		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.75		0.210	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	140		59.3	"	"	"	"	"	
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.3	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.578	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

Origins Laboratory

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 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@5'

8/27/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-10 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.216		0.105	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.23		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	1.39		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	95.9			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.42			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@5'

8/27/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-10 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.239		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.294		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	6.33		0.207	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	276		58.4	"	"	"	"	"	
Cadmium	ND		0.271	"	"	"	"	"	U
Copper	ND		32.8	"	"	"	"	"	U
Lead	ND		9.97	"	"	"	"	"	U
Nickel	ND		18.5	"	"	"	"	"	U
Selenium	ND		0.175	"	"	"	"	"	U
Silver	ND		0.570	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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 471 Denver Ave
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@6'

8/27/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-11 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.165		0.105	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.985		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	1.64		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	94.7			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.37			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

Origins Laboratory

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 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@6'

8/27/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-11 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.304		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.299		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	9.06		0.215	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	127		60.6	"	"	"	"	"	
Cadmium	ND		0.281	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.4	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.592	"	"	"	"	"	U
Zinc	ND		274	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@7'

8/27/2025 10:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-12 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.104	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.146		0.104	"	"	"	"	"	"
Metals by Saturated Paste by EPA 6010									
Calcium	0.904		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	1.35		0.823	"	"	"	"	"	
Sodium	0.501		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	96.2			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.39			pH Units	1	B5H2815	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG03@7'

8/27/2025 10:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-12 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.472		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.282		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.75		0.200	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	96.3		56.3	"	"	"	"	"	
Cadmium	ND		0.261	"	"	"	"	"	U
Copper	ND		31.6	"	"	"	"	"	U
Lead	ND		9.61	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.549	"	"	"	"	"	U
Zinc	ND		254	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@4'

8/27/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-13 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.108	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.272		0.108	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.35		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	92.5			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.35			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@4'

8/27/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-13 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.0905		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.201		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.72		0.214	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	118		60.3	"	"	"	"	"	
Cadmium	ND		0.279	"	"	"	"	"	U
Copper	ND		33.8	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.1	"	"	"	"	"	U
Selenium	ND		0.181	"	"	"	"	"	U
Silver	ND		0.588	"	"	"	"	"	U
Zinc	ND		272	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@5'

8/27/2025 10:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0614-14 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.103	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.230		0.103	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.12		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	96.8			mass percent	1	B5H2940	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.42			pH Units	1	B5H2815	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@5'

8/27/2025 10:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-14 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.134		0.0100	SAR	1	B5H2812	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.210		0.00500	mmhos/cm	1	B5H2815	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.58		0.197	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	104		55.5	"	"	"	"	"	
Cadmium	ND		0.257	"	"	"	"	"	U
Copper	ND		31.1	"	"	"	"	"	U
Lead	ND		9.48	"	"	"	"	"	U
Nickel	ND		17.6	"	"	"	"	"	U
Selenium	ND		0.167	"	"	"	"	"	U
Silver	ND		0.542	"	"	"	"	"	U
Zinc	ND		250	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG0206'

8/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-15 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.111	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.323		0.111	"	"	"	"	"	"
Metals by Saturated Paste by EPA 6010									
Calcium	1.18		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	1.77		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	90.1			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.48			pH Units	1	B5H2822	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG0206'

8/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-15 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.166		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.331		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.42		0.223	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	192		62.9	"	"	"	"	"	
Cadmium	ND		0.291	"	"	"	"	"	U
Copper	ND		35.3	"	"	"	"	"	U
Lead	ND		10.7	"	"	"	"	"	U
Nickel	ND		19.9	"	"	"	"	"	U
Selenium	ND		0.189	"	"	"	"	"	U
Silver	ND		0.613	"	"	"	"	"	U
Zinc	ND		284	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@7'

8/27/2025 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-16 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.104	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.217		0.104	"	"	"	"	"	"
Metals by Saturated Paste by EPA 6010									
Calcium	0.674		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	1.86		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	95.8			mass percent	1	B5H2940	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.61			pH Units	1	B5H2822	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

BKG02@7'

8/27/2025 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-16 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.186		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.265		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.03		0.208	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	157		58.6	"	"	"	"	"	
Cadmium	ND		0.271	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.571	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

FL01@4'
 8/27/2025 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-17 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.542		0.105	"	"	"	"	"	"
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		26.2	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U
Surrogate: o-Terphenyl	73.3 %			50-150		"	"	"	"
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

FL01@4'
 8/27/2025 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-17 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.210	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %			70-130		"	"	"	
Surrogate: Toluene-d8	108 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	116 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	0.819		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	0.956		0.823	"	"	"	"	"	
Sodium	2.60		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

FL01@4'
 8/27/2025 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-17 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	99.5 %			60-130		"	"	"	
Surrogate: Anthracene-d10	97.8 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	105 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	95.5			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.43			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

FL01@4'
 8/27/2025 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-17 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.76		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.410		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.12		0.211	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	280		59.4	"	"	"	"	"	
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.3	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	0.192		0.178	"	"	"	"	"	
Silver	ND		0.580	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB02@6'
8/27/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-18 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.109	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.109	"	"	"	"	"	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		27.1	mg/kg dry	1	B5H2832	08/28/2025	09/02/2025	U
Residual Range Organics (C28-C36)	ND		108	"	"	"	"	"	U
Surrogate: o-Terphenyl	44.7 %			50-150		"	"	"	S-DUP
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB02@6'
 8/27/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-18 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.217	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	121 %								
Surrogate: Toluene-d8	106 %								
Surrogate: 4-Bromofluorobenzene	114 %								
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.814		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB02@6'
 8/27/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-18 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.022	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	100 %			60-130		"	"	"	
Surrogate: Anthracene-d10	96.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	99.5 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	92.3			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.55			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB02@6'
8/27/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-18 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.01		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.174		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.36		0.212	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	61.2		59.8	"	"	"	"	"	
Cadmium	ND		0.277	"	"	"	"	"	U
Copper	ND		33.5	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		19.0	"	"	"	"	"	U
Selenium	ND		0.179	"	"	"	"	"	U
Silver	ND		0.583	"	"	"	"	"	U
Zinc	ND		270	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB04@6'
8/27/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-19 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.105	"	"	"	"	"	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		26.2	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U
Surrogate: o-Terphenyl	67.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB04@6'
 8/27/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-19 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.210	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	120 %			70-130		"	"	"	
Surrogate: Toluene-d8	106 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	114 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	0.996		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.07		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB04@6'
8/27/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-19 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	100 %			60-130		"	"	"	
Surrogate: Anthracene-d10	97.5 %			60-130		"	"	"	
Surrogate: Pyrene-d10	99.8 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	105 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	95.4			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.12			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB04@6'
 8/27/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-19 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	1.25		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.304		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.14		0.211	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	ND		59.5	"	"	"	"	"	U
Cadmium	ND		0.276	"	"	"	"	"	U
Copper	ND		33.4	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		18.9	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.580	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB01@6'
8/27/2025 10:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-20 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381704	09/11/2025	09/12/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.105	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.190		0.105	"	"	"	"	"	"

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		26.1	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U

Surrogate: o-Terphenyl	77.7 %				50-150	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Montrose Environmental
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB01@6'
 8/27/2025 10:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-20 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.209	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	121 %			70-130		"	"	"	
Surrogate: Toluene-d8	103 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	116 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.21		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.22		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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Montrose Environmental
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 Project: Chevron - Spike State D12-03

WH01-SB01@6'
 8/27/2025 10:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-20 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	101 %			60-130		"	"	"	
Surrogate: Anthracene-d10	96.6 %			60-130		"	"	"	
Surrogate: Pyrene-d10	95.9 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	95.8			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	7.84			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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Montrose Environmental
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB01@6'
 8/27/2025 10:56:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-20 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	1.24		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.427		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.19		0.215	mg/kg dry	10	B5I0220	09/02/2025	09/04/2025	
Barium	ND		60.5	"	"	"	"	"	U
Cadmium	ND		0.280	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.590	"	"	"	"	"	U
Zinc	ND		273	"	"	"	"	"	U

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 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB03@6'
8/27/2025 12:21:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-21 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381450	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.106	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.106	"	"	"	"	"	U

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		26.6	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		106	"	"	"	"	"	U

Surrogate: o-Terphenyl	68.8 %				50-150	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB03@6'
 8/27/2025 12:21:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-21 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.213	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	127 %								
Surrogate: Toluene-d8	105 %								
Surrogate: 4-Bromofluorobenzene	114 %								
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.560		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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 Project: Chevron - Spike State D12-03

WH01-SB03@6'

8/27/2025 12:21:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-21 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	100 %			60-130		"	"	"	
Surrogate: Anthracene-d10	97.8 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	94.1			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	8.20			pH Units	1	B5H2822	08/28/2025	08/30/2025	

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB03@6'
8/27/2025 12:21:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-21 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.85		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.145		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	1.47		0.202	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025	
Barium	ND		56.8	"	"	"	"	"	U
Cadmium	ND		0.263	"	"	"	"	"	U
Copper	ND		31.9	"	"	"	"	"	U
Lead	ND		9.71	"	"	"	"	"	U
Nickel	ND		18.0	"	"	"	"	"	U
Selenium	ND		0.171	"	"	"	"	"	U
Silver	ND		0.555	"	"	"	"	"	U
Zinc	ND		257	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@5'
8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-22 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381450	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.108	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.108	"	"	"	"	"	U

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		27.1	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		108	"	"	"	"	"	U

Surrogate: o-Terphenyl	80.4 %				50-150	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@5'
8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-22 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.217	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	123 %				70-130	"	"	"	
Surrogate: Toluene-d8	101 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	118 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	0.733		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@5'
8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-22 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.022	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	101 %			60-130		"	"	"	
Surrogate: Anthracene-d10	96.3 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	92.3			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	7.58			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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Montrose Environmental
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@5'
8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-22 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.336		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.171		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.42		0.216	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025	
Barium	84.1		61.0	"	"	"	"	"	
Cadmium	ND		0.283	"	"	"	"	"	U
Copper	ND		34.2	"	"	"	"	"	U
Lead	ND		10.4	"	"	"	"	"	U
Nickel	ND		19.3	"	"	"	"	"	U
Selenium	ND		0.183	"	"	"	"	"	U
Silver	ND		0.595	"	"	"	"	"	U
Zinc	ND		275	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@6'
8/27/2025 12:56:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0614-23 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.31	mg/Kg dry	1	381450	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND		0.106	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.106	"	"	"	"	"	U

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		26.4	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U

Surrogate: o-Terphenyl	68.3 %				50-150	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@6'
8/27/2025 12:56:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-23 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.211	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %				70-130	"	"	"	
Surrogate: Toluene-d8	102 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	113 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	0.519		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@6'
8/27/2025 12:56:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-23 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	08/29/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	100 %			60-130		"	"	"	
Surrogate: Anthracene-d10	96.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	104 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	100 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	94.8			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	7.65			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@6'
8/27/2025 12:56:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-23 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.361		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.123		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	1.81		0.208	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	73.2		58.7	"	"	"	"	"	
Cadmium	ND		0.272	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.573	"	"	"	"	"	U
Zinc	ND		265	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@7'
8/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-24 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381450	09/09/2025	09/10/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.106	mg/L dry	1	B5H2818	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	ND		0.106	"	"	"	"	"	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		26.3	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U
Surrogate: o-Terphenyl	61.5 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U

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 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@7
8/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-24 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Xylenes, total	ND		0.002	mg/kg dry	1	B5H2838	08/28/2025	08/30/2025	U
Gasoline Range Hydrocarbons	ND		0.211	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %				70-130	"	"	"	
Surrogate: Toluene-d8	103 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	114 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2925	08/29/2025	09/02/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

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 Project: Chevron - Spike State D12-03

WH01-SB@7'
8/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-24 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Benzo (k) fluoranthene	ND		0.021	mg/kg dry	1	B5H2925	08/29/2025	09/02/2025	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	98.6 %			60-130		"	"	"	
Surrogate: Anthracene-d10	97.2 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	108 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	94.9			mass percent	1	B5H2939	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	7.62			pH Units	1	B5H2822	08/28/2025	08/30/2025	

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 471 Denver Ave
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

WH01-SB@7'
8/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0614-24 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.427		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.0890		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	1.79		0.217	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	ND		61.2	"	"	"	"	"	U
Cadmium	ND		0.284	"	"	"	"	"	U
Copper	ND		34.3	"	"	"	"	"	U
Lead	ND		10.5	"	"	"	"	"	U
Nickel	ND		19.4	"	"	"	"	"	U
Selenium	ND		0.184	"	"	"	"	"	U
Silver	ND		0.597	"	"	"	"	"	U
Zinc	ND		276	"	"	"	"	"	U

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

*** DEFAULT GENERAL METHOD *** - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2939 - % Solids

Duplicate (B5H2939-DUP1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	95.3		mass percent		95.5			0.143	20	
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Duplicate (B5H2939-DUP2)

Source: E5H0614-18

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	92.4		mass percent		92.3			0.0865	20	
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Batch B5H2940 - % Solids

Duplicate (B5H2940-DUP1)

Source: E5H0610-06

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	84.0		mass percent		87.1			3.56	20	
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Duplicate (B5H2940-DUP2)

Source: E5H0612-01

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	92.5		mass percent		92.7			0.227	20	
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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

Classical Chemistry Parameters - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2812 - Saturated Paste Metals

Blank (B5H2812-BLK1)

Prepared: 08/28/2025 Analyzed: 09/02/2025

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Duplicate (B5H2812-DUP1)

Source: E5H0612-02

Prepared: 08/28/2025 Analyzed: 09/02/2025

Calcium PPM	30.6	10.0	mg/L		33.9			10.4	50	
SAR	ND	0.0100	SAR		1.60				200	U
Magnesium PPM	10.8	10.0	mg/L		13.2			19.6	50	
Sodium PPM	26.6	10.0	"		43.4			48.0	50	

Batch B5H2817 - DTPA Sorbitol Preparation

Blank (B5H2817-BLK1)

Prepared: 08/28/2025 Analyzed: 08/29/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (B5H2817-DUP1)

Source: E5H0610-01

Prepared: 08/28/2025 Analyzed: 08/29/2025

(DTPA Sorbitol) Boron	0.354	0.104	mg/L dry		0.372			5.03	50	
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Batch B5H2818 - DTPA Sorbitol Preparation

Blank (B5H2818-BLK1)

Prepared: 08/28/2025 Analyzed: 09/02/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (B5H2818-DUP1)

Source: E5H0614-05

Prepared: 08/28/2025 Analyzed: 09/02/2025

(DTPA Sorbitol) Boron	0.230	0.105	mg/L dry		0.236			2.50	50	
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 Project: Chevron - Spike State D12-03

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2821 - Saturated Paste Metals

Blank (B5H2821-BLK1)

Prepared: 08/28/2025 Analyzed: 09/02/2025

SAR	ND	0.0100	SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U

Duplicate (B5H2821-DUP1)

Source: E5H0614-15

Prepared: 08/28/2025 Analyzed: 09/02/2025

Calcium PPM	23.0	10.0	mg/L		23.7			3.17	50	
SAR	ND	0.0100	SAR		0.166				200	U
Magnesium PPM	22.2	10.0	mg/L		21.5			3.20	50	
Sodium PPM	4.61	10.0	"		4.65			0.864	50	U

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EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2925 - EPA 3580

Blank (B5H2925-BLK1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	ND	0.002	mg/kg wet							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	200		ug/kg	200	101	60-130				
Surrogate: Anthracene-d10	200		"	200	98.2	60-130				
Surrogate: Pyrene-d10	190		"	200	97.4	60-130				
Surrogate: Benzo (a) pyrene-d12	210		"	200	106	60-130				

LCS (B5H2925-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.201	0.002	mg/kg wet	0.200	101	70-130				
2-Methylnaphthalene	0.218	0.002	"	0.200	109	70-130				
Acenaphthene	0.189	0.020	"	0.200	94.4	70-130				
Anthracene	0.182	0.020	"	0.200	90.8	70-130				
Benzo (a) anthracene	0.180	0.005	"	0.200	90.0	70-130				
Benzo (a) pyrene	0.195	0.020	"	0.200	97.3	70-130				

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 Project Number: 24016
 Project: Chevron - Spike State D12-03

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2925 - EPA 3580

LCS (B5H2925-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

Benzo (b) fluoranthene	0.197	0.020	mg/kg wet	0.200		98.4	70-130			
Benzo (g,h,i) perylene	0.191	0.020	"	0.200		95.5	70-130			
Benzo (k) fluoranthene	0.185	0.020	"	0.200		92.3	70-130			
Chrysene	0.181	0.020	"	0.200		90.5	70-130			
Dibenz (a,h) anthracene	0.192	0.020	"	0.200		96.2	70-130			
Fluoranthene	0.187	0.020	"	0.200		93.7	70-130			
Fluorene	0.183	0.020	"	0.200		91.7	70-130			
Indeno (1,2,3-cd) pyrene	0.192	0.020	"	0.200		95.8	70-130			
Naphthalene	0.192	0.002	"	0.200		95.9	70-130			
Phenanthrene	0.185	0.020	"	0.200		92.6	70-130			
Pyrene	0.187	0.020	"	0.200		93.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	190		"	200		97.4	60-130			
Surrogate: Pyrene-d10	190		"	200		96.7	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		106	60-130			

Matrix Spike (B5H2925-MS1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.214	0.002	mg/kg dry	0.210	ND	102	70-130			
2-Methylnaphthalene	0.232	0.002	"	0.210	ND	111	70-130			
Acenaphthene	0.201	0.021	"	0.210	ND	95.8	70-130			
Anthracene	0.195	0.021	"	0.210	ND	93.0	70-130			
Benzo (a) anthracene	0.198	0.005	"	0.210	ND	94.3	70-130			
Benzo (a) pyrene	0.224	0.021	"	0.210	0.004	105	70-130			
Benzo (b) fluoranthene	0.244	0.021	"	0.210	0.001	116	70-130			
Benzo (g,h,i) perylene	0.224	0.021	"	0.210	0.002	106	70-130			
Benzo (k) fluoranthene	0.219	0.021	"	0.210	0.0009	104	70-130			
Chrysene	0.200	0.021	"	0.210	0.002	94.6	70-130			

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Kyle Poisson
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 Project: Chevron - Spike State D12-03

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2925 - EPA 3580

Matrix Spike (B5H2925-MS1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 08/29/2025

Dibenz (a,h) anthracene	0.231	0.021	mg/kg dry	0.210	0.002	109	70-130			
Fluoranthene	0.204	0.021	"	0.210	ND	97.4	70-130			
Fluorene	0.193	0.021	"	0.210	ND	92.3	70-130			
Indeno (1,2,3-cd) pyrene	0.229	0.021	"	0.210	0.002	108	70-130			
Naphthalene	0.201	0.002	"	0.210	ND	95.8	70-130			
Phenanthrene	0.199	0.021	"	0.210	ND	94.8	70-130			
Pyrene	0.201	0.021	"	0.210	ND	95.9	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	60-130			
Surrogate: Anthracene-d10	190		"	200		96.2	60-130			
Surrogate: Pyrene-d10	200		"	200		97.9	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			

Matrix Spike Dup (B5H2925-MSD1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.205	0.002	mg/kg dry	0.210	ND	98.0	70-130	4.32	20	
2-Methylnaphthalene	0.224	0.002	"	0.210	ND	107	70-130	3.57	20	
Acenaphthene	0.195	0.021	"	0.210	ND	92.9	70-130	3.08	20	
Anthracene	0.183	0.021	"	0.210	ND	87.3	70-130	6.33	20	
Benzo (a) anthracene	0.194	0.005	"	0.210	ND	92.6	70-130	1.84	20	
Benzo (a) pyrene	0.219	0.021	"	0.210	0.004	103	70-130	2.15	20	
Benzo (b) fluoranthene	0.225	0.021	"	0.210	0.001	107	70-130	8.16	20	
Benzo (g,h,i) perylene	0.216	0.021	"	0.210	0.002	102	70-130	3.93	20	
Benzo (k) fluoranthene	0.219	0.021	"	0.210	0.0009	104	70-130	0.274	20	
Chrysene	0.192	0.021	"	0.210	0.002	90.8	70-130	4.06	20	
Dibenz (a,h) anthracene	0.217	0.021	"	0.210	0.002	103	70-130	6.41	20	
Fluoranthene	0.196	0.021	"	0.210	ND	93.8	70-130	3.78	20	
Fluorene	0.189	0.021	"	0.210	ND	90.2	70-130	2.38	20	
Indeno (1,2,3-cd) pyrene	0.215	0.021	"	0.210	0.002	102	70-130	6.17	20	

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EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2925 - EPA 3580

Matrix Spike Dup (B5H2925-MSD1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 08/29/2025

Naphthalene	0.196	0.002	mg/kg dry	0.210	ND	93.5	70-130	2.47	20	
Phenanthrene	0.191	0.021	"	0.210	ND	91.3	70-130	3.84	20	
Pyrene	0.195	0.021	"	0.210	ND	93.0	70-130	3.17	20	
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	190		"	200		96.3	60-130			
Surrogate: Pyrene-d10	200		"	200		98.0	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		105	60-130			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2832 - EPA 3550B

Blank (B5H2832-BLK1)

Prepared: 08/28/2025 Analyzed: 08/29/2025

Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	100	"							U
Surrogate: o-Terphenyl	17		"	24.9		68.7	50-150			

LCS (B5H2832-BS1)

Prepared: 08/28/2025 Analyzed: 08/29/2025

Diesel (C10-C28)	1000	50.0	mg/kg wet	1000		100	70-130			
Residual Range Organics (C28-C36)	1070	200	"	1000		107	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

Matrix Spike (B5H2832-MS1)

Source: E5H0614-17

Prepared: 08/28/2025 Analyzed: 08/29/2025

Diesel (C10-C28)	964	52.4	mg/kg dry	1050	ND	92.0	70-130			
Residual Range Organics (C28-C36)	1020	210	"	1050	ND	97.8	70-130			
Surrogate: o-Terphenyl	42		"	52.1		81.4	50-150			

Matrix Spike Dup (B5H2832-MSD1)

Source: E5H0614-17

Prepared: 08/28/2025 Analyzed: 08/29/2025

Diesel (C10-C28)	1050	52.4	mg/kg dry	1050	ND	101	70-130	8.81	35	
Residual Range Organics (C28-C36)	1130	210	"	1050	ND	108	70-130	9.73	35	
Surrogate: o-Terphenyl	49		"	52.1		93.5	50-150			

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Kyle Poisson
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 Project: Chevron - Spike State D12-03

Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B510220 - EPA 3050B

Blank (B510220-BLK1)

Prepared: 09/02/2025 Analyzed: 09/04/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (B510220-BS1)

Prepared: 09/02/2025 Analyzed: 09/04/2025

Arsenic	5.68	0.218	mg/kg wet	5.00		114	80-120			
Barium	592	61.5	"	500		118	80-120			
Cadmium	5.50	0.285	"	5.00		110	80-120			
Copper	55.9	34.5	"	50.0		112	80-120			
Lead	5.30	10.5	"	5.00		106	80-120			U
Nickel	5.55	19.5	"	5.00		111	80-120			U
Selenium	5.41	0.184	"	5.00		108	80-120			
Silver	5.44	0.600	"	5.00		109	80-120			
Zinc	55.5	278	"	50.0		111	80-120			U

Matrix Spike (B510220-MS1)

Source: E5H0614-01

Prepared: 09/02/2025 Analyzed: 09/04/2025

Arsenic	22.9	0.217	mg/kg dry	4.97	14.4	172	75-125			QM-07
Barium	627	61.1	"	497	72.8	112	75-125			
Cadmium	5.12	0.283	"	4.97	0.0756	101	75-125			
Copper	53.2	34.3	"	49.7	3.00	101	75-125			
Lead	8.34	10.4	"	4.97	3.25	102	75-125			U

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Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0220 - EPA 3050B

Matrix Spike (B5I0220-MS1)

Source: E5H0614-01

Prepared: 09/02/2025 Analyzed: 09/04/2025

Nickel	9.09	19.4	mg/kg dry	4.97	3.90	104	75-125			U
Selenium	5.20	0.183	"	4.97	0.121	102	75-125			
Silver	5.07	0.596	"	4.97	0.0168	102	75-125			
Zinc	62.2	276	"	49.7	13.3	98.4	75-125			U

Matrix Spike Dup (B5I0220-MSD1)

Source: E5H0614-01

Prepared: 09/02/2025 Analyzed: 09/04/2025

Arsenic	26.0	0.214	mg/kg dry	4.90	14.4	237	75-125	12.5	20	QM-07
Barium	687	60.3	"	490	72.8	125	75-125	9.12	20	
Cadmium	5.67	0.279	"	4.90	0.0756	114	75-125	10.2	20	
Copper	60.0	33.8	"	49.0	3.00	116	75-125	12.1	20	
Lead	10.0	10.3	"	4.90	3.25	138	75-125	18.3	20	QM-07, U
Nickel	11.0	19.1	"	4.90	3.90	144	75-125	18.7	20	QM-07, U
Selenium	5.73	0.181	"	4.90	0.121	114	75-125	9.57	20	
Silver	5.58	0.588	"	4.90	0.0168	114	75-125	9.56	20	
Zinc	72.1	272	"	49.0	13.3	120	75-125	14.8	20	U

Batch B5I0223 - EPA 3050B

Blank (B5I0223-BLK1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U

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Kyle Poisson
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 Project: Chevron - Spike State D12-03

Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0223 - EPA 3050B

Blank (B5I0223-BLK1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Silver	ND	0.600	mg/kg wet							U
Zinc	ND	278	"							U

LCS (B5I0223-BS1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	5.44	0.218	mg/kg wet	5.00		109	80-120			
Barium	588	61.5	"	500		118	80-120			
Cadmium	5.46	0.285	"	5.00		109	80-120			
Copper	56.9	34.5	"	50.0		114	80-120			
Lead	5.67	10.5	"	5.00		113	80-120			U
Nickel	5.99	19.5	"	5.00		120	80-120			U
Selenium	5.27	0.184	"	5.00		105	80-120			
Silver	5.58	0.600	"	5.00		112	80-120			
Zinc	55.9	278	"	50.0		112	80-120			U

Matrix Spike (B5I0223-MS1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.59	0.218	mg/kg dry	5.00	1.81	95.6	75-125			
Barium	596	61.5	"	500	73.2	105	75-125			
Cadmium	5.13	0.285	"	5.00	0.0411	102	75-125			
Copper	56.6	34.5	"	50.0	3.67	106	75-125			
Lead	9.43	10.5	"	5.00	6.00	68.7	75-125			QM-07, U
Nickel	10.1	19.5	"	5.00	4.78	106	75-125			U
Selenium	4.81	0.184	"	5.00	0.0286	95.7	75-125			
Silver	5.31	0.600	"	5.00	0.0172	106	75-125			
Zinc	69.9	277	"	50.0	19.7	100	75-125			U

Matrix Spike Dup (B5I0223-MSD1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	7.69	0.215	mg/kg dry	4.92	1.81	119	75-125	15.4	20	
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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0223 - EPA 3050B

Matrix Spike Dup (B5I0223-MSD1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Barium	685	60.6	mg/kg dry	492	73.2	124	75-125	14.0	20	
Cadmium	5.88	0.281	"	4.92	0.0411	119	75-125	13.6	20	
Copper	64.3	34.0	"	49.2	3.67	123	75-125	12.8	20	
Lead	11.1	10.3	"	4.92	6.00	103	75-125	16.2	20	
Nickel	11.7	19.2	"	4.92	4.78	140	75-125	14.6	20	QM-07, U
Selenium	5.39	0.182	"	4.92	0.0286	109	75-125	11.4	20	
Silver	6.04	0.591	"	4.92	0.0172	122	75-125	12.7	20	
Zinc	81.8	273	"	49.2	19.7	126	75-125	15.7	20	QM-07, U

Batch B5I0230 - EPA 3050B

Blank (B5I0230-BLK1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (B5I0230-BS1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	5.44	0.218	mg/kg wet	5.00		109	80-120			
Barium	571	61.5	"	500		114	80-120			
Cadmium	5.37	0.285	"	5.00		107	80-120			

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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B510230 - EPA 3050B

LCS (B510230-BS1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Copper	56.2	34.5	mg/kg wet	50.0		112	80-120			
Lead	5.61	10.5	"	5.00		112	80-120			U
Nickel	5.89	19.5	"	5.00		118	80-120			U
Selenium	5.43	0.184	"	5.00		109	80-120			
Silver	5.49	0.600	"	5.00		110	80-120			
Zinc	55.2	278	"	50.0		110	80-120			U

Matrix Spike (B510230-MS1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.22	0.215	mg/kg dry	4.92	1.47	96.4	75-125			
Barium	548	60.6	"	492	46.3	102	75-125			
Cadmium	4.78	0.281	"	4.92	0.0397	96.3	75-125			
Copper	52.8	34.0	"	49.2	2.83	101	75-125			
Lead	8.88	10.3	"	4.92	4.04	98.3	75-125			U
Nickel	9.51	19.2	"	4.92	4.14	109	75-125			U
Selenium	5.07	0.182	"	4.92	0.0555	102	75-125			
Silver	4.89	0.591	"	4.92	0.0185	98.9	75-125			
Zinc	65.2	273	"	49.2	16.8	98.3	75-125			U

Matrix Spike Dup (B510230-MSD1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.63	0.201	mg/kg dry	4.60	1.47	112	75-125	6.35	20	
Barium	582	56.6	"	460	46.3	116	75-125	6.03	20	
Cadmium	4.92	0.262	"	4.60	0.0397	106	75-125	2.79	20	
Copper	55.3	31.8	"	46.0	2.83	114	75-125	4.70	20	
Lead	9.65	9.66	"	4.60	4.04	122	75-125	8.38	20	U
Nickel	10.2	17.9	"	4.60	4.14	132	75-125	7.02	20	QM-07, U
Selenium	4.69	0.170	"	4.60	0.0555	101	75-125	7.90	20	

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Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0230 - EPA 3050B

Matrix Spike Dup (B5I0230-MSD1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Silver	5.10	0.552	mg/kg dry	4.60	0.0185	110	75-125	4.28	20	
Zinc	70.5	255	"	46.0	16.8	117	75-125	7.76	20	U

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Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2815 - Saturated Paste pH/EC

Blank (B5H2815-BLK1)

Prepared: 08/28/2025 Analyzed: 08/30/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm U

Duplicate (B5H2815-DUP1)

Source: E5H0612-02

Prepared: 08/28/2025 Analyzed: 08/30/2025

pH 8.04 pH Units 8.07 0.372 25
 Specific Conductance (EC) 0.352 0.00500 mmhos/cm 0.476 30.0 25 QR-DUP

Batch B5H2822 - Saturated Paste pH/EC

Blank (B5H2822-BLK1)

Prepared: 08/28/2025 Analyzed: 08/30/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm U

Duplicate (B5H2822-DUP1)

Source: E5H0614-15

Prepared: 08/28/2025 Analyzed: 08/30/2025

pH 8.48 pH Units 8.48 0.00 25
 Specific Conductance (EC) 0.338 0.00500 mmhos/cm 0.331 2.00 25

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Montrose Environmental
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Loveland CO 80537

Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2838 - EPA 5030 (soil)

Prepared: 08/28/2025 Analyzed: 08/30/2025

Blank (B5H2838-BLK1)

1,2,4-Trimethylbenzene	ND	0.002	mg/kg wet							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.14	"	0.125	114	70-130
Surrogate: Toluene-d8	0.13	"	0.125	101	70-130
Surrogate: 4-Bromofluorobenzene	0.14	"	0.125	112	70-130

LCS (B5H2838-BS1)

Prepared: 08/28/2025 Analyzed: 08/30/2025

1,2,4-Trimethylbenzene	0.089	0.002	mg/kg wet	0.100	88.6	70-130
1,3,5-Trimethylbenzene	0.087	0.002	"	0.100	86.8	70-130
Benzene	0.083	0.002	"	0.100	82.5	70-130
Ethylbenzene	0.089	0.002	"	0.100	88.7	70-130
Naphthalene	0.082	0.004	"	0.100	82.0	70-130
Toluene	0.078	0.002	"	0.100	77.5	70-130
o-Xylene	0.082	0.002	"	0.100	82.3	70-130
m,p-Xylene	0.173	0.004	"	0.200	86.7	70-130

Surrogate: 1,2-Dichloroethane-d4	0.14	"	0.125	115	70-130
Surrogate: Toluene-d8	0.12	"	0.125	99.7	70-130
Surrogate: 4-Bromofluorobenzene	0.13	"	0.125	104	70-130

Matrix Spike (B5H2838-MS1)

Source: E5H0609-01

Prepared: 08/28/2025 Analyzed: 08/30/2025

1,2,4-Trimethylbenzene	0.137	0.002	mg/kg dry	0.104	ND	131	70-130	QM-07
1,3,5-Trimethylbenzene	0.138	0.002	"	0.104	ND	132	70-130	QM-07

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Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2838 - EPA 5030 (soil)

Matrix Spike (B5H2838-MS1)

Source: E5H0609-01

Prepared: 08/28/2025 Analyzed: 08/30/2025

Benzene	0.113	0.002	mg/kg dry	0.104	ND	108	70-130			
Ethylbenzene	0.144	0.002	"	0.104	ND	138	70-130			QM-07
Naphthalene	0.104	0.004	"	0.104	ND	99.6	70-130			
Toluene	0.120	0.002	"	0.104	ND	115	70-130			
o-Xylene	0.137	0.002	"	0.104	ND	131	70-130			QM-07
m,p-Xylene	0.280	0.004	"	0.209	ND	134	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.130		103	70-130			
Surrogate: Toluene-d8	0.15		"	0.130		114	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.130		105	70-130			

Matrix Spike Dup (B5H2838-MSD1)

Source: E5H0609-01

Prepared: 08/28/2025 Analyzed: 08/30/2025

1,2,4-Trimethylbenzene	0.116	0.002	mg/kg dry	0.104	ND	111	70-130	16.5	20	
1,3,5-Trimethylbenzene	0.113	0.002	"	0.104	ND	109	70-130	19.2	20	
Benzene	0.107	0.002	"	0.104	ND	102	70-130	5.17	20	
Ethylbenzene	0.119	0.002	"	0.104	ND	114	70-130	19.1	20	
Naphthalene	0.095	0.004	"	0.104	ND	91.4	70-130	8.54	20	
Toluene	0.101	0.002	"	0.104	ND	96.8	70-130	17.4	20	
o-Xylene	0.115	0.002	"	0.104	ND	110	70-130	17.7	20	
m,p-Xylene	0.229	0.004	"	0.209	ND	110	70-130	20.1	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.130		114	70-130			
Surrogate: Toluene-d8	0.13		"	0.130		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.130		107	70-130			

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Kyle Poisson
 Project Number: 24016
 Project: Chevron - Spike State D12-03

**Total Metals by 7199 - Quality Control
 Enthalpy Orange**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 381704 - EPA 3060A										
BLANK (QC1292871)										
					Prepared: 09/11/2025 Analyzed: 09/12/2025					
Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
LCS (QC1292872)										
					Prepared: 09/11/2025 Analyzed: 09/12/2025					
Hexavalent Chromium	46.56	0.6000	mg/Kg	40.00		116	80-120			
Duplicate (QC1292874)										
					Source: E5H0614-01 Prepared: 09/11/2025 Analyzed: 09/12/2025					
Hexavalent Chromium	ND	0.3064	mg/Kg dry		0		-		30	ND
Matrix Spike (QC1292875)										
					Source: E5H0614-01 Prepared: 09/11/2025 Analyzed: 09/12/2025					
Hexavalent Chromium	40.08	0.6176	mg/Kg dry	41.17	0	97	70-130			

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Kyle Poisson
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 Project: Chevron - Spike State D12-03

**Total Metals by 7199 - Quality Control
 Enthalpy Orange**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 381450 - EPA 3060A										
BLANK (QC1292001)										
					Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
LCS (QC1292002)										
					Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	39.86	0.6000	mg/Kg	40.00		100	80-120			
Duplicate (QC1292003)										
					Source: E5H0614-21 Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	ND	0.3141	mg/Kg dry		0		-		30	ND
Matrix Spike (QC1292005)										
					Source: E5H0614-21 Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	40.26	0.6209	mg/Kg dry	41.39	0	97	70-130			

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Montrose Environmental
471 Denver Ave
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Kyle Poisson
Project Number: 24016
Project: Chevron - Spike State D12-03

Notes and Definitions

- U Sample is Non-Detect.
- S-DUP Duplicate analysis confirmed surrogate failure due to matrix effects.
- QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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