



CDH Consulting

David Stainback

9446 Clermont St

Thornton

CO

80229

March 20, 2025

Project Name - Chevron - Sater C13-27D

Project Number - [none]

Attached are your analytical results for Chevron - Sater C13-27D received by Origins Laboratory February 14, 2025. This project is associated with Origins project number E5B0376-01.

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



CDH Consulting
9446 Clermont St
Thornton

CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PWW01-N@3'	E5B0376-01	Soil	February 14, 2025 10:30	02/14/2025 14:33
PWW01@5'	E5B0376-02	Soil	February 14, 2025 3:35	02/14/2025 14:33
AST01@-0-6"	E5B0376-03	Soil	February 14, 2025 10:40	02/14/2025 14:33
SEP01-DL@3'	E5B0376-04	Soil	February 14, 2025 10:20	02/14/2025 14:33
SEP01-FL@3'	E5B0376-05	Soil	February 14, 2025 10:25	02/14/2025 14:33

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS

LABORATORY

CDH Consulting
9446 Clermont St
Thornton CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

ORIGINS
LABORATORY

Project Name: Sater C13-27D

Page 1 of 1

Client: CDH Consulting, LLC

Project Manager: David Stainback

Key: W=Water

Address: _____

Project Number: _____

GW=Groundwater

Telephone Number: _____

Collected By: SW

SW=Surface Water

Email Address: CPT Chevron Team c.1846172@chevron.com

Invoice Billing Info: Chevron, Dan Peterson

L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | NP=Non-petroleum | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

Sample ID	Date	Time	# of Containers	Matrix	Preservative	Full 1st 215	Analysis	Comments
PW01-A031	2/14/15	10:30	2	Soil	✓	X		
PW01-B031	2/14/15	10:35	2			X		
ASTO-00-0"	10/25	2				X		
SE01-D031	10/25	2				X		
SE01-FL03	10/25	2				X		

Relinquished By: [Signature] Date: 2/14/15 Time: 14:35 Received By: VS Date: 2/14/15 Time: 1:20

Temp Received: 19C Received On Ice? ☒ Yes ☐ No

Turnaround Time ☒ SAME ☐ 24 Hr ☐ 48 Hr ☐ 72

☐ Standard

Origins Laboratory

[Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS LABORATORY

CDH Consulting
9446 Clermont St
Thornton CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ES BO

Client: CDH

Client Project ID: Sater C13

Checklist Completed by: WS/NKM

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 2/14/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid

☐ Water ☐ Other:

(Describe)

Cooler Number/Temperature: 1, 47 °C

Thermometer ID: T007

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 subextracted 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 Na ₂ O ₂ +NaOH, ZnO+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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AS

2/17/25
Date/Time Reviewed

Origins Laboratory

J. Bynon

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01-N@3'

2/14/2025 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.479	0.0994	mg/L	1	B5B1440	02/14/2025	02/18/2025	
-------	-------	--------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5B1434	02/14/2025	02/15/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	62.0 %	50-150	"	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B5B1435	"	02/15/2025	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---	---

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01-N@3'

2/14/2025 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	99.2 %	70-130	B5B14 35	02/14/2025	02/15/2025
Surrogate: 4-Bromofluorobenzene	98.0 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	2.86	0.499	meq/L	10	[CALC]	02/14/2025	02/18/2025
Magnesium	1.04	0.823	"	"	"	"	"
Sodium	1.04	0.435	"	"	"	"	"

PAH by SW8270

1-Methylnaphthalene	ND	0.00289	0.00600	mg/kg	1	BIB0837	02/20/2025	02/22/2025
2-Methylnaphthalene	ND	0.00723	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0402	0.0833	"	"	"	"	"
Acenaphthylene	ND	0.0402	0.0833	"	"	"	"	"
Anthracene	ND	0.0402	0.0833	"	"	"	"	"
Benzo (a) anthracene	ND	0.00531	0.0110	"	"	"	"	"
Benzo (a) pyrene	ND	0.0402	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0402	0.0833	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.0402	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0402	0.0833	"	"	"	"	"
Chrysene	ND	0.0402	0.0833	"	"	"	"	"

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01-N@3'

2/14/2025 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Enthalpy Analytical

E5B0376-01 (Soil)

PAH by SW8270

Dibenz (a,h) anthracene	ND	0.0402	0.0833	mg/kg	1	BIB0837	02/20/2025	02/22/2025
Fluoranthene	ND	0.0402	0.0833	"	"	"	"	"
Fluorene	ND	0.0402	0.0833	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.0402	0.0833	"	"	"	"	"
Naphthalene	ND	0.00183	0.00380	"	"	"	"	"
Phenanthrene	ND	0.0723	0.150	"	"	"	"	"
Pyrene	ND	0.0402	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	89.7 %	15-96	"	"	"
Surrogate: 2-Fluorobiphenyl (Surr)	55.4 %	19-105	"	"	"
Surrogate: 2-Fluorophenol (Surr)	31.1 %	12-95	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	58.1 %	21-100	"	"	"
Surrogate: Phenol-d5 (Surr)	71.2 %	13-100	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	69.9 %	25-125	"	"	"

pH in Soil by 9045D

pH	8.00	pH Units	1	B5B1443	02/14/2025	02/18/2025
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.748	0.0100	SAR	1	B5B1437	02/14/2025	02/18/2025
-----	-------	--------	-----	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01-N@3'

2/14/2025 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-01 (Soil)

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.974	0.00500	mmhos/cm	1	B5B1443	02/14/2025	02/18/2025
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	3.65	0.261	mg/kg	10	B5B1432	02/14/2025	02/17/2025
Barium	119	9.01	"	"	"	"	"
Cadmium	0.201	0.0901	"	"	"	"	"
Copper	14.9	9.01	"	"	"	"	"
Lead	11.3	0.901	"	"	"	"	"
Nickel	12.6	0.901	"	"	"	"	"
Selenium	0.259	0.234	"	"	"	"	"
Silver	ND	0.0901	"	"	"	"	"
Zinc	63.8	33.3	"	"	"	"	"

Total Metals by SW7199

Chromium, Hexavalent	ND	0.21	0.21	mg/kg	1	BIC0392	03/07/2025	03/07/2025
----------------------	----	------	------	-------	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting
9446 Clermont St
Thornton

CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

PWV01@5'

2/14/2025 3:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.453	0.100	mg/L	1	B5B1440	02/14/2025	02/18/2025
-------	-------	-------	------	---	---------	------------	------------

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5B1434	02/14/2025	02/15/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	70.1 %	50-150	"	"	"
------------------------	--------	--------	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B5B1435	"	02/14/2025	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130	"	"	"
----------------------------------	-------	--------	---	---	---

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01@5'

2/14/2025 3:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.2 %	70-130	B5B14 35	02/14/2025	02/14/2025
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	3.38	0.499	meq/L	10	[CALC]	02/14/2025	02/18/2025
Magnesium	1.42	0.823	"	"	"	"	"
Sodium	1.23	0.435	"	"	"	"	"

PAH by SW8270

1-Methylnaphthalene	ND	0.00586	0.00600	mg/kg	2	BIB0837	02/20/2025	02/22/2025
2-Methylnaphthalene	ND	0.0147	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0814	0.0833	"	"	"	"	"
Acenaphthylene	ND	0.0814	0.0833	"	"	"	"	"
Anthracene	ND	0.0814	0.0833	"	"	"	"	"
Benzo (a) anthracene	0.344	0.0107	0.0110	"	"	"	"	"
Benzo (a) pyrene	0.324	0.0814	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	0.383	0.0814	0.0833	"	"	"	"	"
Benzo (g,h,i) perylene	0.135	0.0814	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	0.114	0.0814	0.0833	"	"	"	"	"
Chrysene	0.359	0.0814	0.0833	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.0814	0.0833	"	"	"	"	"

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01@5'

2/14/2025 3:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Enthalpy Analytical

E5B0376-02 (Soil)

PAH by SW8270

Fluoranthene	0.677	0.0814	0.0833	mg/kg	2	BIB0837	02/20/2025	02/22/2025
Fluorene	ND	0.0814	0.0833	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	0.138	0.0814	0.0833	"	"	"	"	"
Naphthalene	ND	0.00371	0.00380	"	"	"	"	"
Phenanthrene	0.211	0.147	0.150	"	"	"	"	"
Pyrene	0.464	0.0814	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	93.4 %	15-96	"	"	"
Surrogate: 2-Fluorobiphenyl (Surr)	62.8 %	19-105	"	"	"
Surrogate: 2-Fluorophenol (Surr)	36.6 %	12-95	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	64.7 %	21-100	"	"	"
Surrogate: Phenol-d5 (Surr)	78.3 %	13-100	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	77.2 %	25-125	"	"	"

pH in Soil by 9045D

pH	8.08	pH Units	1	B5B1443	02/14/2025	02/18/2025
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.793	0.0100	SAR	1	B5B1437	02/14/2025	02/18/2025
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PWV01@5'

2/14/2025 3:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-02 (Soil)

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.889	0.00500	mmhos/cm	1	B5B1443	02/14/2025	02/18/2025
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.86	0.283	mg/kg	10	B5B1432	02/14/2025	02/17/2025
Barium	116	9.74	"	"	"	"	"
Cadmium	0.115	0.0974	"	"	"	"	"
Copper	10.1	9.74	"	"	"	"	"
Lead	7.46	0.974	"	"	"	"	"
Nickel	8.86	0.974	"	"	"	"	"
Selenium	ND	0.253	"	"	"	"	"
Silver	ND	0.0974	"	"	"	"	"
Zinc	43.3	36.1	"	"	"	"	"

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0392	03/07/2025	03/07/2025
----------------------	----	------	------	-------	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

AST01@-0-6"

2/14/2025 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.293	0.100	mg/L	1	B5B1440	02/14/2025	02/18/2025
-------	-------	-------	------	---	---------	------------	------------

DRO/ORO by EPA 8015D

Diesel (C10-C28)	49.5	25.0	mg/kg	1	B5B1434	02/14/2025	02/17/2025
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	" U

Surrogate: o-Terphenyl	76.7 %	50-150	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0271	0.00200	mg/kg	1	B5B1435	"	02/14/2025
1,3,5-Trimethylbenzene	0.00966	0.00200	"	"	"	"	"
Benzene	ND	0.00200	"	"	"	"	" U
Ethylbenzene	ND	0.00200	"	"	"	"	" U
Toluene	0.00344	0.00200	"	"	"	"	"
Xylenes, total	0.0254	0.00200	"	"	"	"	"
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	" U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---

Surrogate: Toluene-d8	96.2 %	70-130	"	"	"	"	"
-----------------------	--------	--------	---	---	---	---	---

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

AST01@-0-6"

2/14/2025 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	101 %	70-130	B5B14 35	02/14/2025	02/14/2025
---------------------------------	-------	--------	-------------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	2.25	0.499	meq/L	10	[CALC]	02/14/2025	02/18/2025
Magnesium	0.891	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

PAH by SW8270

1-Methylnaphthalene	ND	0.0145	0.0145	mg/kg	5	BIB0837	02/20/2025	02/24/2025
2-Methylnaphthalene	ND	0.0363	0.0363	"	"	"	"	"
Acenaphthene	ND	0.202	0.202	"	"	"	"	"
Acenaphthylene	ND	0.202	0.202	"	"	"	"	"
Anthracene	ND	0.202	0.202	"	"	"	"	"
Benzo (a) anthracene	ND	0.0266	0.0266	"	"	"	"	"
Benzo (a) pyrene	ND	0.202	0.202	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.202	0.202	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.202	0.202	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.202	0.202	"	"	"	"	"
Chrysene	ND	0.202	0.202	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.202	0.202	"	"	"	"	"

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

AST01@-0-6"

2/14/2025 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Enthalpy Analytical

E5B0376-03 (Soil)

PAH by SW8270

Fluoranthene	ND	0.202	0.202	mg/kg	5	BIB0837	02/20/2025	02/24/2025	
Fluorene	ND	0.202	0.202	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.202	0.202	"	"	"	"	"	
Naphthalene	ND	0.00919	0.00919	"	"	"	"	"	
Phenanthrene	ND	0.363	0.363	"	"	"	"	"	
Pyrene	ND	0.202	0.202	"	"	"	"	"	C

Surrogate: 2,4,6-Tribromophenol (Surr)	57.4 %	15-96	"	"	"
Surrogate: 2-Fluorobiphenyl (Surr)	54.3 %	19-105	"	"	"
Surrogate: 2-Fluorophenol (Surr)	42.7 %	12-95	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	59.2 %	21-100	"	"	"
Surrogate: Phenol-d5 (Surr)	54.2 %	13-100	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	62.2 %	25-125	"	"	"

pH in Soil by 9045D

pH	7.77	pH Units	1	B5B1443	02/14/2025	02/18/2025
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.304	0.0100	SAR	1	B5B1437	02/14/2025	02/18/2025
-----	-------	--------	-----	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

AST01@-0-6"

2/14/2025 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-03 (Soil)

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.690	0.00500	mmhos/cm	1	B5B1443	02/14/2025	02/18/2025
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.40	0.273	mg/kg	10	B5B1432	02/14/2025	02/17/2025
Barium	76.7	9.43	"	"	"	"	"
Cadmium	0.147	0.0943	"	"	"	"	"
Copper	ND	9.43	"	"	"	"	"
Lead	6.99	0.943	"	"	"	"	"
Nickel	7.98	0.943	"	"	"	"	"
Selenium	ND	0.245	"	"	"	"	"
Silver	ND	0.0943	"	"	"	"	"
Zinc	38.9	34.9	"	"	"	"	"

Total Metals by SW7199

Chromium, Hexavalent	ND	0.21	0.21	mg/kg	1	BIC0392	03/07/2025	03/07/2025
----------------------	----	------	------	-------	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-DL@3'

2/14/2025 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.510	0.0995	mg/L	1	B5B1440	02/14/2025	02/18/2025	
-------	-------	--------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5B1434	02/14/2025	02/15/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	62.9 %	50-150	"	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B5B1435	"	02/14/2025	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130	"	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---	---

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-DL@3'

2/14/2025 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.1 %	70-130	B5B14 35	02/14/2025	02/14/2025
Surrogate: 4-Bromofluorobenzene	103 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	2.87	0.499	meq/L	10	[CALC]	02/14/2025	02/18/2025
Magnesium	1.34	0.823	"	"	"	"	"
Sodium	1.10	0.435	"	"	"	"	"

PAH by SW8270

1-Methylnaphthalene	ND	0.00588	0.00600	mg/kg	2	BIB0837	02/20/2025	02/22/2025
2-Methylnaphthalene	ND	0.0147	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0817	0.0833	"	"	"	"	"
Acenaphthylene	ND	0.0817	0.0833	"	"	"	"	"
Anthracene	ND	0.0817	0.0833	"	"	"	"	"
Benzo (a) anthracene	ND	0.0108	0.0110	"	"	"	"	"
Benzo (a) pyrene	ND	0.0817	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0817	0.0833	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.0817	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0817	0.0833	"	"	"	"	"
Chrysene	ND	0.0817	0.0833	"	"	"	"	"

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-DL@3'

2/14/2025 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Enthalpy Analytical

E5B0376-04 (Soil)

PAH by SW8270

Dibenz (a,h) anthracene	ND	0.0817	0.0833	mg/kg	2	BIB0837	02/20/2025	02/22/2025
Fluoranthene	ND	0.0817	0.0833	"	"	"	"	"
Fluorene	ND	0.0817	0.0833	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.0817	0.0833	"	"	"	"	"
Naphthalene	ND	0.00373	0.00380	"	"	"	"	"
Phenanthrene	ND	0.147	0.150	"	"	"	"	"
Pyrene	ND	0.0817	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	98.7 %	15-96	"	"	DS
Surrogate: 2-Fluorobiphenyl (Surr)	59.7 %	19-105	"	"	"
Surrogate: 2-Fluorophenol (Surr)	39.7 %	12-95	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	63.2 %	21-100	"	"	"
Surrogate: Phenol-d5 (Surr)	75.0 %	13-100	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	88.0 %	25-125	"	"	"

pH in Soil by 9045D

pH	7.89	pH Units	1	B5B1443	02/14/2025	02/18/2025
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.757	0.0100	SAR	1	B5B1437	02/14/2025	02/18/2025
-----	-------	--------	-----	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-DL@3'

2/14/2025 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-04 (Soil)

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.49	0.00500	mmhos/cm	1	B5B1443	02/14/2025	02/18/2025
---------------------------	------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	3.43	0.282	mg/kg	10	B5B1432	02/14/2025	02/17/2025
Barium	132	9.73	"	"	"	"	"
Cadmium	0.204	0.0973	"	"	"	"	"
Copper	12.8	9.73	"	"	"	"	"
Lead	10.1	0.973	"	"	"	"	"
Nickel	10.1	0.973	"	"	"	"	"
Selenium	ND	0.253	"	"	"	"	"
Silver	ND	0.0973	"	"	"	"	"
Zinc	52.9	36.0	"	"	"	"	"

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0392	03/07/2025	03/07/2025
----------------------	----	------	------	-------	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-FL@3'

2/14/2025 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.467	0.101	mg/L	1	B5B1440	02/14/2025	02/18/2025	
-------	-------	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5B1434	02/14/2025	02/15/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	72.7 %	50-150	"	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B5B1435	"	02/14/2025	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130	"	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---	---

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-FL@3'

2/14/2025 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.8 %	70-130	B5B14 35	02/14/2025	02/14/2025
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	9.47	0.499	meq/L	10	[CALC]	02/14/2025	02/18/2025
Magnesium	5.13	0.823	"	"	"	"	"
Sodium	5.99	0.435	"	"	"	"	"

PAH by SW8270

1-Methylnaphthalene	ND	0.00583	0.00600	mg/kg	4	BIB0837	02/20/2025	02/22/2025
2-Methylnaphthalene	ND	0.0146	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0777	0.0833	"	"	"	"	"
Acenaphthylene	ND	0.0777	0.0833	"	"	"	"	"
Anthracene	ND	0.0777	0.0833	"	"	"	"	"
Benzo (a) anthracene	ND	0.0107	0.0110	"	"	"	"	"
Benzo (a) pyrene	ND	0.0777	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0777	0.0833	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.0777	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0777	0.0833	"	"	"	"	"
Chrysene	ND	0.0777	0.0833	"	"	"	"	"

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

SEP01-FL@3'

2/14/2025 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Enthalpy Analytical

E5B0376-05 (Soil)

PAH by SW8270

Dibenz (a,h) anthracene	ND	0.0777	0.0833	mg/kg	4	BIB0837	02/20/2025	02/22/2025
Fluoranthene	ND	0.0777	0.0833	"	"	"	"	"
Fluorene	ND	0.0777	0.0833	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.0777	0.0833	"	"	"	"	"
Naphthalene	ND	0.00369	0.0777	"	"	"	"	"
Phenanthrene	ND	0.146	0.150	"	"	"	"	"
Pyrene	ND	0.0777	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	101 %	15-96	"	"	"	DS
Surrogate: 2-Fluorobiphenyl (Surr)	71.5 %	19-105	"	"	"	"
Surrogate: 2-Fluorophenol (Surr)	62.7 %	12-95	"	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	65.5 %	21-100	"	"	"	"
Surrogate: Phenol-d5 (Surr)	76.8 %	13-100	"	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	89.2 %	25-125	"	"	"	"

pH in Soil by 9045D

pH	8.16	pH Units	1	B5B1443	02/14/2025	02/18/2025
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	2.22	0.0100	SAR	1	B5B1437	02/14/2025	02/18/2025
-----	------	--------	-----	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting
9446 Clermont St
Thornton

CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

SEP01-FL@3'

2/14/2025 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory

E5B0376-05 (Soil)

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.47	0.00500	mmhos/cm	1	B5B1443	02/14/2025	02/18/2025
---------------------------	------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.54	0.269	mg/kg	10	B5B1432	02/14/2025	02/17/2025
Barium	985	9.29	"	"	"	"	"
Cadmium	0.129	0.0929	"	"	"	"	"
Copper	ND	9.29	"	"	"	"	"
Lead	5.79	0.929	"	"	"	"	"
Nickel	6.21	0.929	"	"	"	"	"
Selenium	ND	0.241	"	"	"	"	"
Silver	ND	0.0929	"	"	"	"	"
Zinc	ND	34.4	"	"	"	"	"

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0392	03/07/2025	03/07/2025
----------------------	----	------	------	-------	---	---------	------------	------------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

Classical Chemistry Parameters - Quality Control
Origins Laboratory

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

Batch B5B1437 - Saturated Paste Metals**Blank (B5B1437-BLK1)**

Prepared: 02/14/2025 Analyzed: 02/18/2025

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

Duplicate (B5B1437-DUP1)**Source: E5B0367-10**

Prepared: 02/14/2025 Analyzed: 02/18/2025

SAR	ND	0.0100	SAR	0.415	200
Calcium PPM	44.8	10.0	mg/L	40.4	50
Magnesium PPM	8.12	10.0	"	7.68	50
Sodium PPM	11.2	10.0	"	11.0	50

Batch B5B1440 - DTPA Sorbitol Preparation**Blank (B5B1440-BLK1)**

Prepared: 02/14/2025 Analyzed: 02/18/2025

Boron	ND	0.100	mg/L
-------	----	-------	------

Duplicate (B5B1440-DUP1)**Source: E5B0096-02**

Prepared: 02/14/2025 Analyzed: 02/18/2025

Boron	0.453	0.101	mg/L	0.473	4.24	50
-------	-------	-------	------	-------	------	----

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

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
Batch B5B1434 - EPA 3550B										
Blank (B5B1434-BLK1)										
					Prepared: 02/14/2025 Analyzed: 02/15/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	17		"	24.9		68.4	50-150			
LCS (B5B1434-BS1)										
					Prepared: 02/14/2025 Analyzed: 02/15/2025					
Diesel (C10-C28)	996	50.0	mg/kg	1000		99.6	70-130			
Residual Range Organics (C28-C40)	962	200	"	1000		96.2	70-130			
Surrogate: o-Terphenyl	47		"	49.8		94.3	50-150			
Matrix Spike (B5B1434-MS1)										
			Source: E5B0374-01		Prepared: 02/14/2025 Analyzed: 02/15/2025					
Diesel (C10-C28)	1020	50.0	mg/kg	1000	ND	102	70-130			
Residual Range Organics (C28-C40)	986	200	"	1000	ND	98.6	70-130			
Surrogate: o-Terphenyl	47		"	49.8		95.3	50-150			
Matrix Spike Dup (B5B1434-MSD1)										
			Source: E5B0374-01		Prepared: 02/14/2025 Analyzed: 02/15/2025					
Diesel (C10-C28)	985	50.0	mg/kg	1000	ND	98.5	70-130	3.07	35	
Residual Range Organics (C28-C40)	958	200	"	1000	ND	95.8	70-130	2.83	35	
Surrogate: o-Terphenyl	45		"	49.8		90.5	50-150			

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5B1432 - EPA 3050B

Blank (B5B1432-BLK1)

Prepared: 02/14/2025 Analyzed: 02/17/2025

Arsenic	ND	0.290	mg/kg
Barium	ND	10.0	"
Cadmium	ND	0.100	"
Copper	ND	10.0	"
Lead	ND	1.00	"
Nickel	ND	1.00	"
Selenium	ND	0.260	"
Silver	ND	0.100	"
Zinc	ND	37.0	"

LCS (B5B1432-BS1)

Prepared: 02/14/2025 Analyzed: 02/17/2025

Arsenic	5.11	0.290	mg/kg	5.00	102	80-120
Barium	538	10.0	"	500	108	80-120
Cadmium	5.38	0.100	"	5.00	108	80-120
Copper	50.7	10.0	"	50.0	101	80-120
Lead	5.26	1.00	"	5.00	105	80-120
Nickel	5.34	1.00	"	5.00	107	80-120
Selenium	5.19	0.260	"	5.00	104	80-120
Silver	5.52	0.100	"	5.00	110	80-120
Zinc	53.8	37.0	"	50.0	108	80-120

Matrix Spike (B5B1432-MS1)

Source: E5B0374-01

Prepared: 02/14/2025 Analyzed: 02/17/2025

Arsenic	7.05	0.270	mg/kg	4.65	2.17	105	75-125
Barium	578	9.30	"	465	58.6	112	75-125
Cadmium	5.13	0.0930	"	4.65	0.102	108	75-125
Copper	55.0	9.30	"	46.5	6.80	104	75-125
Lead	11.7	0.930	"	4.65	6.38	113	75-125

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5B1432 - EPA 3050B

Matrix Spike (B5B1432-MS1)

Source: E5B0374-01

Prepared: 02/14/2025 Analyzed: 02/17/2025

Nickel	10.8	0.930	mg/kg	4.65	5.57	112	75-125			
Selenium	4.76	0.242	"	4.65	0.151	99.2	75-125			
Silver	5.34	0.0930	"	4.65	0.0399	114	75-125			
Zinc	82.4	34.4	"	46.5	27.4	118	75-125			

Matrix Spike Dup (B5B1432-MSD1)

Source: E5B0374-01

Prepared: 02/14/2025 Analyzed: 02/17/2025

Arsenic	7.39	0.287	mg/kg	4.96	2.17	105	75-125	4.66	20	
Barium	601	9.91	"	496	58.6	109	75-125	3.89	20	
Cadmium	5.26	0.0991	"	4.96	0.102	104	75-125	2.47	20	
Copper	58.2	9.91	"	49.6	6.80	104	75-125	5.75	20	
Lead	11.7	0.991	"	4.96	6.38	108	75-125	0.681	20	
Nickel	11.4	0.991	"	4.96	5.57	117	75-125	5.44	20	
Selenium	5.01	0.258	"	4.96	0.151	98.1	75-125	5.10	20	
Silver	5.44	0.0991	"	4.96	0.0399	109	75-125	1.78	20	
Zinc	83.6	36.7	"	49.6	27.4	113	75-125	1.47	20	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

Saturated Paste - Quality Control
Origins Laboratory

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

Batch B5B1443 - Saturated Paste pH/EC

Blank (B5B1443-BLK1)

Prepared: 02/14/2025 Analyzed: 02/18/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5B1443-DUP1)

Source: E5B0367-10

Prepared: 02/14/2025 Analyzed: 02/18/2025

pH	8.02		pH Units	8.09	0.869	25
Specific Conductance (EC)	0.399	0.00500	mmhos/cm	0.365	8.93	25

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5B1435 - EPA 5030 (soil)**Blank (B5B1435-BLK1)**

Prepared: 02/14/2025 Analyzed: 02/14/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.13	"	0.125	101	70-130
Surrogate: Toluene-d8	0.12	"	0.125	98.8	70-130
Surrogate: 4-Bromofluorobenzene	0.13	"	0.125	103	70-130

LCS (B5B1435-BS1)

Prepared: 02/14/2025 Analyzed: 02/14/2025

1,2,4-Trimethylbenzene	0.120	0.00200	mg/kg	0.100	120	70-130
1,3,5-Trimethylbenzene	0.118	0.00200	"	0.100	118	70-130
Benzene	0.106	0.00200	"	0.100	106	70-130
Ethylbenzene	0.119	0.00200	"	0.100	119	70-130
Naphthalene	0.117	0.00380	"	0.100	117	70-130
Toluene	0.109	0.00200	"	0.100	109	70-130
o-Xylene	0.118	0.00200	"	0.100	118	70-130
m,p-Xylene	0.237	0.00400	"	0.200	118	70-130

Surrogate: 1,2-Dichloroethane-d4	0.12	"	0.125	98.4	70-130
Surrogate: Toluene-d8	0.13	"	0.125	102	70-130
Surrogate: 4-Bromofluorobenzene	0.12	"	0.125	100	70-130

Matrix Spike (B5B1435-MS1)**Source: E5B0374-01**

Prepared: 02/14/2025 Analyzed: 02/14/2025

1,2,4-Trimethylbenzene	0.114	0.00200	mg/kg	0.100	ND	114	70-130
------------------------	-------	---------	-------	-------	----	-----	--------

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5B1435 - EPA 5030 (soil)

Matrix Spike (B5B1435-MS1)			Source: E5B0374-01			Prepared: 02/14/2025 Analyzed: 02/14/2025				
1,3,5-Trimethylbenzene	0.111	0.00200	mg/kg	0.100	ND	111	70-130			
Benzene	0.105	0.00200	"	0.100	ND	105	70-130			
Ethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130			
Naphthalene	0.122	0.00380	"	0.100	ND	122	70-130			
Toluene	0.105	0.00200	"	0.100	ND	105	70-130			
o-Xylene	0.114	0.00200	"	0.100	ND	114	70-130			
m,p-Xylene	0.225	0.00400	"	0.200	ND	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.9	70-130			

Matrix Spike Dup (B5B1435-MSD1)			Source: E5B0374-01			Prepared: 02/14/2025 Analyzed: 02/14/2025				
1,2,4-Trimethylbenzene	0.115	0.00200	mg/kg	0.100	ND	115	70-130	1.05	20	
1,3,5-Trimethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130	1.47	20	
Benzene	0.109	0.00200	"	0.100	ND	109	70-130	3.64	20	
Ethylbenzene	0.115	0.00200	"	0.100	ND	115	70-130	1.24	20	
Naphthalene	0.132	0.00380	"	0.100	ND	132	70-130	8.07	20	QM-07
Toluene	0.107	0.00200	"	0.100	ND	107	70-130	2.41	20	
o-Xylene	0.115	0.00200	"	0.100	ND	115	70-130	1.08	20	
m,p-Xylene	0.229	0.00400	"	0.200	ND	115	70-130	1.94	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.8	70-130			

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PAH by SW8270 - Quality Control
Enthalpy Analytical

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

Batch BIB0837 - SW3550C/EPA600-MS**Blank (BIB0837-BLK1)**

Prepared: 02/20/2025 Analyzed: 02/22/2025

1-Methylnaphthalene	ND	0.00600	mg/kg	-	-	-	-	-	-	
2-Methylnaphthalene	ND	0.0150	"	-	-	-	-	-	-	
Acenaphthene	ND	0.0833	"	-	-	-	-	-	-	
Acenaphthylene	ND	0.0833	"	-	-	-	-	-	-	
Anthracene	ND	0.0833	"	-	-	-	-	-	-	
Benzo (a) anthracene	ND	0.0110	"	-	-	-	-	-	-	
Benzo (a) pyrene	ND	0.0833	"	-	-	-	-	-	-	
Benzo (b) fluoranthene	ND	0.0833	"	-	-	-	-	-	-	
Benzo (g,h,i) perylene	ND	0.0833	"	-	-	-	-	-	-	
Benzo (k) fluoranthene	ND	0.0833	"	-	-	-	-	-	-	
Chrysene	ND	0.0833	"	-	-	-	-	-	-	
Dibenz (a,h) anthracene	ND	0.0833	"	-	-	-	-	-	-	
Fluoranthene	ND	0.0833	"	-	-	-	-	-	-	
Fluorene	ND	0.0833	"	-	-	-	-	-	-	
Indeno (1,2,3-cd) pyrene	ND	0.0833	"	-	-	-	-	-	-	
Naphthalene	0.00633	0.00380	"	-	-	-	-	-	-	B
Phenanthrene	ND	0.150	"	-	-	-	-	-	-	
Pyrene	ND	0.0833	"	-	-	-	-	-	-	
Surrogate: 2,4,6-Tribromophenol (Surr)	3.25		"	3.33		97.4	15-96			S
Surrogate: 2-Fluorobiphenyl (Surr)	2.76		"	3.33		82.7	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.22		"	3.33		36.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	2.40		"	3.33		71.9	21-100			
Surrogate: Phenol-d5 (Surr)	3.00		"	3.33		90.0	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	2.76		"	3.33		82.7	25-125			

LCS (BIB0837-BS1)

Prepared: 02/20/2025 Analyzed: 02/22/2025

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
Origins Laboratory										

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PAH by SW8270 - Quality Control
Enthalpy Analytical

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

Batch BIB0837 - SW3550C/EPA600-MS**LCS (BIB0837-BS1)**

Prepared: 02/20/2025 Analyzed: 02/22/2025

2-Methylnaphthalene	ND	0.0833	mg/kg				70-130			
Acenaphthene	1.45	0.0833	"	1.67		87.1	24-110			
Acenaphthylene	1.49	0.0833	"	1.67		89.5	25-106			
Anthracene	1.33	0.0833	"	1.67		79.8	25-117			
Benzo (a) anthracene	1.28	0.0833	"	1.67		76.7	25-127			
Benzo (a) pyrene	1.40	0.0833	"	1.67		84.1	18-127			
Benzo (b) fluoranthene	1.38	0.0833	"	1.67		83.0	20-132			
Benzo (g,h,i) perylene	1.43	0.0833	"	1.67		85.6	10-136			
Benzo (k) fluoranthene	1.45	0.0833	"	1.67		87.2	14-136			
Chrysene	1.37	0.0833	"	1.67		82.2	21-141			
Dibenz (a,h) anthracene	1.49	0.0833	"	1.67		89.5	10-142			
Fluoranthene	1.42	0.0833	"	1.67		85.3	19-138			
Fluorene	1.35	0.0833	"	1.67		80.9	25-114			
Indeno (1,2,3-cd) pyrene	1.33	0.0833	"	1.67		79.7	10-136			
Naphthalene	1.33	0.0833	"	1.67		79.6	18-109			
Phenanthrene	1.41	0.150	"	1.67		84.3	25-122			
Pyrene	1.11	0.0833	"	1.67		66.5	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	3.14		"	3.33		94.2	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	2.68		"	3.33		80.5	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.14		"	3.33		34.3	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	2.34		"	3.33		70.2	21-100			
Surrogate: Phenol-d5 (Surr)	2.89		"	3.33		86.8	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	2.44		"	3.33		73.1	25-125			

Matrix Spike (BIB0837-MS1)**Source: 25B1242-06**

Prepared: 02/20/2025 Analyzed: 02/22/2025

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PAH by SW8270 - Quality Control
Enthalpy Analytical

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

Batch BIB0837 - SW3550C/EPA600-MS

Matrix Spike (BIB0837-MS1)			Source: 25B1242-06			Prepared: 02/20/2025 Analyzed: 02/22/2025				
Acenaphthene	1.30	0.0833	mg/kg	1.64	ND	79.1	10-124			
Acenaphthylene	1.32	0.0833	"	1.64	ND	80.5	10-118			
Anthracene	1.28	0.0833	"	1.64	ND	77.8	10-143			
Benzo (a) anthracene	1.23	0.0833	"	1.64	ND	74.9	10-169			
Benzo (a) pyrene	1.33	0.0833	"	1.64	ND	81.0	10-149			
Benzo (b) fluoranthene	1.44	0.0833	"	1.64	ND	87.4	10-150			
Benzo (g,h,i) perylene	1.48	0.0833	"	1.64	ND	89.9	10-123			
Benzo (k) fluoranthene	1.12	0.0833	"	1.64	ND	68.0	10-211			
Chrysene	1.30	0.0833	"	1.64	ND	79.0	10-172			
Dibenz (a,h) anthracene	1.52	0.0833	"	1.64	ND	92.4	10-128			
Fluoranthene	1.29	0.0833	"	1.64	ND	78.6	10-271			
Fluorene	1.24	0.0833	"	1.64	ND	75.4	10-124			
Indeno (1,2,3-cd) pyrene	1.37	0.0833	"	1.64	ND	83.4	10-127			
Naphthalene	1.13	0.0833	"	1.64	ND	68.9	10-118			
Phenanthrene	1.34	0.0833	"	1.64	ND	81.3	10-393			
Pyrene	1.12	0.0833	"	1.64	ND	68.2	10-212			
Surrogate: 2,4,6-Tribromophenol (Surr)	3.14		"	3.29		95.5	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	2.28		"	3.29		69.2	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.24		"	3.29		37.7	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	2.06		"	3.29		62.6	21-100			
Surrogate: Phenol-d5 (Surr)	2.50		"	3.29		76.1	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	2.47		"	3.29		75.2	25-125			

Matrix Spike Dup (BIB0837-MSD1)			Source: 25B1242-06			Prepared: 02/20/2025 Analyzed: 02/22/2025				
1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200		20	
2-Methylnaphthalene	ND	0.0833	"		ND		70-130		20	
Acenaphthene	1.21	0.0833	"	1.65	ND	73.4	10-124	7.16	20	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

PAH by SW8270 - Quality Control
Enthalpy Analytical

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

Batch BIB0837 - SW3550C/EPA600-MS

Matrix Spike Dup (BIB0837-MSD1)			Source: 25B1242-06			Prepared: 02/20/2025 Analyzed: 02/22/2025				
Acenaphthylene	1.22	0.0833	mg/kg	1.65	ND	73.9	10-118	8.12	20	
Anthracene	1.20	0.0833	"	1.65	ND	72.5	10-143	6.63	20	
Benzo (a) anthracene	1.20	0.0833	"	1.65	ND	72.9	10-169	2.40	20	
Benzo (a) pyrene	1.32	0.0833	"	1.65	ND	79.8	10-149	1.09	20	
Benzo (b) fluoranthene	1.44	0.0833	"	1.65	ND	87.4	10-150	0.249	20	
Benzo (g,h,i) perylene	1.44	0.0833	"	1.65	ND	87.5	10-123	2.36	20	
Benzo (k) fluoranthene	1.11	0.0833	"	1.65	ND	67.0	10-211	1.12	20	
Chrysene	1.27	0.0833	"	1.65	ND	77.0	10-172	2.25	20	
Dibenz (a,h) anthracene	1.47	0.0833	"	1.65	ND	88.9	10-128	3.61	20	
Fluoranthene	1.23	0.0833	"	1.65	ND	74.8	10-271	4.64	20	
Fluorene	1.16	0.0833	"	1.65	ND	70.5	10-124	6.44	20	
Indeno (1,2,3-cd) pyrene	1.33	0.0833	"	1.65	ND	80.5	10-127	3.28	20	
Naphthalene	1.08	0.0833	"	1.65	ND	65.7	10-118	4.56	20	
Phenanthrene	1.25	0.0833	"	1.65	ND	76.0	10-393	6.37	20	
Pyrene	1.20	0.0833	"	1.65	ND	72.8	10-212	6.91	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	2.95		"	3.30		89.3	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	2.11		"	3.30		64.0	19-105			
Surrogate: 2-Fluorophenol (Surr)	0.901		"	3.30		27.3	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.91		"	3.30		57.8	21-100			
Surrogate: Phenol-d5 (Surr)	2.35		"	3.30		71.4	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	2.51		"	3.30		76.1	25-125			

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting
9446 Clermont St
Thornton CO 80229

David Stainback
Project Number: [none]
Project: Chevron - Sater C13-27D

Total Metals by SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIC0392 - No Prep IC-WET										
Blank (BIC0392-BLK1)										
					Prepared: 03/07/2025 Analyzed: 03/07/2025					
Chromium, Hexavalent	ND	0.005	mg/kg			-				
LCS (BIC0392-BS1)										
					Prepared: 03/07/2025 Analyzed: 03/07/2025					
Chromium, Hexavalent	0.04	0.005	mg/kg	0.0500		86.8	80-120			
LCS (BIC0392-BS2)										
					Prepared: 03/07/2025 Analyzed: 03/07/2025					
Chromium, Hexavalent	7.54	1.00	mg/kg	8.10		93.1	80-120			
Matrix Spike (BIC0392-MS1)										
Source: 25B1242-07					Prepared: 03/07/2025 Analyzed: 03/07/2025					
Chromium, Hexavalent	1.50	0.20	mg/kg	1.98	ND	75.8	75-125			
Matrix Spike Dup (BIC0392-MSD1)										
Source: 25B1242-07					Prepared: 03/07/2025 Analyzed: 03/07/2025					
Chromium, Hexavalent	1.63	0.19	mg/kg	1.94	ND	84.4	75-125	8.26	20	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CDH Consulting

9446 Clermont St

Thornton

CO

80229

David Stainback

Project Number: [none]

Project: Chevron - Sater C13-27D

Notes and Definitions

U Sample is Non-Detect.

S Surrogate recovery was outside acceptance criteria

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

P Duplicate analysis does not meet the acceptance criteria for precision

M Matrix spike recovery is outside established acceptance limits

L LCS recovery is outside of established acceptance limits

DS Surrogate concentration reflects a dilution factor.

C Continuing calibration verification response for this analyte is outside specifications.

B Blank contamination. The recorded result is associated with a contaminated blank.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.