



**CDH Consulting**  
**David Stainback**  
**9446 Clermont St**

**July 25, 2025**

**Thornton CO 80229**

**Project Name - Chevron - Timmerman 14-13**

**Project Number - [none]**

Attached are your analytical results for Chevron - Timmerman 14-13 received by Origins Laboratory July 24, 2025. This project is associated with Origins project number E5G0520-01.

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 - Timmerman 14-13

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6'	E5G0520-01	Soil	July 24, 2025 8:25	07/24/2025 17:24
WH01-E@6'	E5G0520-02	Soil	July 24, 2025 8:29	07/24/2025 17:24
CS-1@0-0.5'	E5G0520-03	Soil	July 24, 2025 9:55	07/24/2025 17:24

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 - Timmerman 14-13

**ORIGINS**  
 LABORATORY


25560520

Page \_\_\_ of \_\_\_

Client: CDH Consulting  
 Address: 9446 Clermont St  
Thornton, CO  
 Telephone Number: (970) 405-4108  
 Email Address: CVX-PME@cdhconsult.com CC: RUEHLZT@chevron.com  
 Project Manager: David Stainback  
 Project Name: Timmerman 14-13  
 Project Number: 25560520  
 Collected By: Simon Hentzer-Gastelo  
 Invoice/Billing Info: Thornton - Jason Davidson  
 Key: W=Water  
GW=Groundwater  
SW=Surface Water  
WW=Waste Water  
 L=Liquid

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis		Comments
						F	V	
WH01-EE6'	7/21/25	0825	2	S	None	X		
CS-100-05'	7/21/25	0955	2			X		

Relinquished By: Simon Hentzer-Gastelo Date: 7/21/25 Time: 1124  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: MS Date: 7/21/25 Time: 1424  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Turnaround Time:  SAME DAY  24 Hr  48 Hr  72 Hr  
 Temp Received: 4.1°C Received On Ice?  Yes  No

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 - Timmerman 14-13

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 2560530

Client: CDH

Client Project ID: Timmerman 14-13

Checklist Completed by: JP 1/14

Shipped Via: HD

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

Date/time completed: 1/24/15

Airbill #: N/A

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

Cooler Number/Temperature: 1 144 °C (Describe)

Thermometer ID: 1007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	X			<u>JP 1/24/15</u>
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

<sup>(1)</sup>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.

SML  
Reviewed by (Project Manager)

1/24/15  
Date/Time Reviewed

Origins Laboratory

*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 - Timmerman 14-13

**WH01@6'**  
**7/24/2025 8:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5G0520-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5G2440	07/24/2025	07/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	61.9 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5G2430	07/24/2025	07/24/2025	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	106 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.0 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	94.2 %			70-130		"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg	1	B5G2443	07/24/2025	07/24/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U

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 - Timmerman 14-13

WH01@6'  
 7/24/2025 8:25:00AM

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

E5G0520-01 (Soil)  
 Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Acenaphthene	ND		0.020	mg/kg	1	B5G2443	07/24/2025	07/24/2025	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	98.3 %			60-130		"	"	"	
Surrogate: Anthracene-d10	100 %			60-130		"	"	"	
Surrogate: Pyrene-d10	99.9 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.3 %			60-130		"	"	"	

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 - Timmerman 14-13

**WH01-E@6'**  
**7/24/2025 8:29:00AM**

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

**E5G0520-02 (Soil)**  
**Origins Laboratory**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5G2440	07/24/2025	07/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	67.5 %			50-150		"	"	"	
------------------------	--------	--	--	--------	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5G2430	07/24/2025	07/24/2025	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	106 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	94.4 %			70-130		"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5G2443	07/24/2025	07/24/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U

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 - Timmerman 14-13

**WH01-E@6'**  
**7/24/2025 8:29:00AM**

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

**E5G0520-02 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Acenaphthene	ND		0.020	mg/kg	1	B5G2443	07/24/2025	07/24/2025	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	101 %			60-130		"	"	"	
Surrogate: Anthracene-d10	100 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.6 %			60-130		"	"	"	

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 - Timmerman 14-13

CS-1@0-0.5'

7/24/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5G0520-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	131		25.0	mg/kg	1	B5G2440	07/24/2025	07/24/2025	
Residual Range Organics (C28-C40)	526		100	"	"	"	"	"	
Surrogate: o-Terphenyl	85.6 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5G2430	07/24/2025	07/24/2025	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	109 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	95.9 %			70-130		"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg	1	B5G2443	07/24/2025	07/25/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U

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 - Timmerman 14-13

CS-1@0-0.5'

7/24/2025 9:55:00AM

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

E5G0520-03 (Soil)  
 Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Acenaphthene	ND		0.020	mg/kg	1	B5G2443	07/24/2025	07/25/2025	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	104 %			60-130	"	"	"	"	
Surrogate: Anthracene-d10	100 %			60-130	"	"	"	"	
Surrogate: Pyrene-d10	91.8 %			60-130	"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %			60-130	"	"	"	"	

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 - Timmerman 14-13

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B5G2443 - EPA 3580**

**Blank (B5G2443-BLK1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

1-Methylnaphthalene	ND	0.002	mg/kg							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 (g,h,i) perylene	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
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		98.6	60-130			
Surrogate: Anthracene-d10	200		"	200		97.9	60-130			
Surrogate: Pyrene-d10	200		"	200		98.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

**LCS (B5G2443-BS1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

1-Methylnaphthalene	0.206	0.002	mg/kg	0.200		103	70-130			
2-Methylnaphthalene	0.202	0.002	"	0.200		101	70-130			
Acenaphthene	0.204	0.020	"	0.200		102	70-130			
Anthracene	0.201	0.020	"	0.200		100	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 - Timmerman 14-13

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B5G2443 - EPA 3580**

**LCS (B5G2443-BS1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

Benzo (a) anthracene	0.205	0.005	mg/kg	0.200		103	70-130			
Benzo (a) pyrene	0.198	0.020	"	0.200		99.0	70-130			
Benzo (b) fluoranthene	0.197	0.020	"	0.200		98.4	70-130			
Benzo (g,h,i) perylene	0.206	0.020	"	0.200		103	70-130			
Benzo (k) fluoranthene	0.191	0.020	"	0.200		95.4	70-130			
Chrysene	0.195	0.020	"	0.200		97.4	70-130			
Dibenz (a,h) anthracene	0.201	0.020	"	0.200		100	70-130			
Fluoranthene	0.202	0.020	"	0.200		101	70-130			
Fluorene	0.197	0.020	"	0.200		98.6	70-130			
Indeno (1,2,3-cd) pyrene	0.206	0.020	"	0.200		103	70-130			
Naphthalene	0.206	0.002	"	0.200		103	70-130			
Phenanthrene	0.206	0.020	"	0.200		103	70-130			
Pyrene	0.193	0.020	"	0.200		96.6	70-130			

Surrogate: Fluorene-d10	200		ug/kg	200		98.1	60-130			
Surrogate: Anthracene-d10	200		"	200		98.5	60-130			
Surrogate: Pyrene-d10	190		"	200		96.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.8	60-130			

**Matrix Spike (B5G2443-MS1)**

**Source: E5G0518-01**

Prepared: 07/24/2025 Analyzed: 07/24/2025

1-Methylnaphthalene	0.210	0.002	mg/kg	0.200	0.0004	105	70-130			
2-Methylnaphthalene	0.210	0.002	"	0.200	ND	105	70-130			
Acenaphthene	0.208	0.020	"	0.200	ND	104	70-130			
Anthracene	0.200	0.020	"	0.200	ND	100	70-130			
Benzo (a) anthracene	0.213	0.005	"	0.200	ND	106	70-130			
Benzo (a) pyrene	0.206	0.020	"	0.200	0.001	102	70-130			
Benzo (b) fluoranthene	0.209	0.020	"	0.200	0.001	104	70-130			
Benzo (g,h,i) perylene	0.216	0.020	"	0.200	0.002	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 - Timmerman 14-13

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B5G2443 - EPA 3580**

**Matrix Spike (B5G2443-MS1)**

Source: E5G0518-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

Benzo (k) fluoranthene	0.207	0.020	mg/kg	0.200	0.0007	103	70-130			
Chrysene	0.201	0.020	"	0.200	0.001	100	70-130			
Dibenz (a,h) anthracene	0.210	0.020	"	0.200	0.002	104	70-130			
Fluoranthene	0.205	0.020	"	0.200	ND	102	70-130			
Fluorene	0.204	0.020	"	0.200	0.0009	101	70-130			
Indeno (1,2,3-cd) pyrene	0.216	0.020	"	0.200	0.002	107	70-130			
Naphthalene	0.218	0.002	"	0.200	ND	109	70-130			
Phenanthrene	0.209	0.020	"	0.200	ND	105	70-130			
Pyrene	0.204	0.020	"	0.200	ND	102	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Anthracene-d10	200		"	200		98.1	60-130			
Surrogate: Pyrene-d10	200		"	200		99.0	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

**Matrix Spike Dup (B5G2443-MSD1)**

Source: E5G0518-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

1-Methylnaphthalene	0.208	0.002	mg/kg	0.200	0.0004	104	70-130	0.652	20	
2-Methylnaphthalene	0.207	0.002	"	0.200	ND	104	70-130	1.24	20	
Acenaphthene	0.204	0.020	"	0.200	ND	102	70-130	1.78	20	
Anthracene	0.202	0.020	"	0.200	ND	101	70-130	0.808	20	
Benzo (a) anthracene	0.208	0.005	"	0.200	ND	104	70-130	2.43	20	
Benzo (a) pyrene	0.200	0.020	"	0.200	0.001	99.4	70-130	2.90	20	
Benzo (b) fluoranthene	0.195	0.020	"	0.200	0.001	97.1	70-130	6.71	20	
Benzo (g,h,i) perylene	0.211	0.020	"	0.200	0.002	104	70-130	2.40	20	
Benzo (k) fluoranthene	0.189	0.020	"	0.200	0.0007	94.0	70-130	9.15	20	
Chrysene	0.211	0.020	"	0.200	0.001	105	70-130	4.41	20	
Dibenz (a,h) anthracene	0.204	0.020	"	0.200	0.002	101	70-130	2.76	20	
Fluoranthene	0.197	0.020	"	0.200	ND	98.6	70-130	3.72	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 - Timmerman 14-13

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5G2443 - EPA 3580

Matrix Spike Dup (B5G2443-MSD1)

Source: E5G0518-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

Fluorene	0.200	0.020	mg/kg	0.200	0.0009	99.4	70-130	2.04	20	
Indeno (1,2,3-cd) pyrene	0.208	0.020	"	0.200	0.002	103	70-130	4.10	20	
Naphthalene	0.206	0.002	"	0.200	ND	103	70-130	5.48	20	
Phenanthrene	0.205	0.020	"	0.200	ND	102	70-130	2.10	20	
Pyrene	0.203	0.020	"	0.200	ND	102	70-130	0.423	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.6	60-130			
Surrogate: Anthracene-d10	200		"	200		97.6	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.3	60-130			

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 - Timmerman 14-13

**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 B5G2440 - EPA 3550B**

**Blank (B5G2440-BLK1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	18		"	24.9		74.2	50-150			

**LCS (B5G2440-BS1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

Diesel (C10-C28)	953	50.0	mg/kg	1000		95.3	70-130			
Residual Range Organics (C28-C40)	993	200	"	1000		99.3	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.9	50-150			

**Matrix Spike (B5G2440-MS1)**

**Source: E5G0520-01**

Prepared: 07/24/2025 Analyzed: 07/24/2025

Diesel (C10-C28)	867	50.0	mg/kg	1000	ND	86.7	70-130			
Residual Range Organics (C28-C40)	934	200	"	1000	ND	93.4	70-130			
Surrogate: o-Terphenyl	40		"	49.8		79.8	50-150			

**Matrix Spike Dup (B5G2440-MSD1)**

**Source: E5G0520-01**

Prepared: 07/24/2025 Analyzed: 07/24/2025

Diesel (C10-C28)	881	50.0	mg/kg	1000	ND	88.1	70-130	1.62	35	
Residual Range Organics (C28-C40)	922	200	"	1000	ND	92.2	70-130	1.27	35	
Surrogate: o-Terphenyl	40		"	49.8		80.7	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 - Timmerman 14-13

**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 B5G2430 - EPA 5030 (soil)**

**Blank (B5G2430-BLK1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

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

106

70-130

Surrogate: Toluene-d8

0.13

"

0.125

104

70-130

Surrogate: 4-Bromofluorobenzene

0.13

"

0.125

100

70-130

**LCS (B5G2430-BS1)**

Prepared: 07/24/2025 Analyzed: 07/24/2025

1,2,4-Trimethylbenzene	0.100	0.00200	mg/kg	0.100		100	70-130			
1,3,5-Trimethylbenzene	0.0994	0.00200	"	0.100		99.4	70-130			
Benzene	0.0863	0.00200	"	0.100		86.3	70-130			
Ethylbenzene	0.0941	0.00200	"	0.100		94.1	70-130			
Naphthalene	0.0966	0.00380	"	0.100		96.6	70-130			
Toluene	0.0936	0.00200	"	0.100		93.6	70-130			
o-Xylene	0.101	0.00200	"	0.100		101	70-130			
m,p-Xylene	0.200	0.00400	"	0.200		100	70-130			

Surrogate: 1,2-Dichloroethane-d4

0.14

"

0.125

111

70-130

Surrogate: Toluene-d8

0.13

"

0.125

107

70-130

Surrogate: 4-Bromofluorobenzene

0.13

"

0.125

106

70-130

**Matrix Spike (B5G2430-MS1)**

Source: E5G0493-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

1,2,4-Trimethylbenzene	0.0848	0.00200	mg/kg	0.100	ND	84.8	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 - Timmerman 14-13

**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 B5G2430 - EPA 5030 (soil)**

**Matrix Spike (B5G2430-MS1)**

Source: E5G0493-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

1,3,5-Trimethylbenzene	0.0835	0.00200	mg/kg	0.100	ND	83.5	70-130			
Benzene	0.0800	0.00200	"	0.100	ND	80.0	70-130			
Ethylbenzene	0.0817	0.00200	"	0.100	ND	81.7	70-130			
Naphthalene	0.0821	0.00380	"	0.100	ND	82.1	70-130			
Toluene	0.0809	0.00200	"	0.100	ND	80.9	70-130			
o-Xylene	0.0863	0.00200	"	0.100	ND	86.3	70-130			
m,p-Xylene	0.169	0.00400	"	0.200	ND	84.4	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

**Matrix Spike Dup (B5G2430-MSD1)**

Source: E5G0493-01

Prepared: 07/24/2025 Analyzed: 07/24/2025

1,2,4-Trimethylbenzene	0.0925	0.00200	mg/kg	0.100	ND	92.5	70-130	8.71	20	
1,3,5-Trimethylbenzene	0.0919	0.00200	"	0.100	ND	91.9	70-130	9.63	20	
Benzene	0.0891	0.00200	"	0.100	ND	89.1	70-130	10.9	20	
Ethylbenzene	0.0894	0.00200	"	0.100	ND	89.4	70-130	9.05	20	
Naphthalene	0.0880	0.00380	"	0.100	ND	88.0	70-130	6.92	20	
Toluene	0.0898	0.00200	"	0.100	ND	89.8	70-130	10.4	20	
o-Xylene	0.0948	0.00200	"	0.100	ND	94.8	70-130	9.34	20	
m,p-Xylene	0.186	0.00400	"	0.200	ND	92.8	70-130	9.54	20	

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	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 - Timmerman 14-13

**Notes and Definitions**

- U Sample is Non-Detect.
  - 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.*