



Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

April 24, 2025

Project Name - Chevron - Speicher 31-15

Project Number - [none]

Attached are your analytical results for Chevron - Speicher 31-15 received by Origins Laboratory April 09, 2025. This project is associated with Origins project number E5D0263-01.

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



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Speicher 31-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	E5D0263-01	Soil	April 9, 2025 9:00	04/09/2025 17:10

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ORIGINS LABORATORY

Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Speicher 31-15

ORIGINS

COVERED

Page 1 of 1

Client: Entrada
 Address: _____

Project Manager: Chelsea Veryser
 Project Name: Speicher 31-15

Project Number: _____

Temp: _____
 W=Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

Telephone Number: 303-34-8703
 Email Address: Entrada Distribution cc: Rachel@777.com

Collected By: Jon Weber
 Invoice/Billing Info: Bill to Chelsea (not Smith)

Seal: | SO=Solid | O=Oil | A=Air | B=Gas | UN=Unknown | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

Sample ID	Date	Time	# of Containers	Matrix Preservative	Analysis		Comments
					Temp	Time	
W10106	4/11/15	0930	2	SWP	X	62.77	How
FL0104		0905					How
W10104		0910					How
W10104		0915					How
W10104		0920					How

Relinquished By: [Signature] Date: 4/14/15 Time: 1300
 Received By: WV Date: 04/09/15 Time: 1600
 Requisitioned By: WV Date: 04/09/15 Time: 1710
 Received By: NLM Date: 04/09/15 Time: 11:10

Temp Received: 39°C
 Received On Ice? Yes No
 Turnaround Time: SAME DAY 24 HR 48 HR 72 HR
 Standard

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ORIGINS LABORATORY

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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

Sample Receipt Checklist

Origins Work Order: ESD0263 Client: Entrada
Client Project ID: Speicher 31-15

Checklist Completed by: JAB/NKM Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 4/09/25 Airbill #: N/A

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

Cooler Number/Temperature: 1 / 3.9 °C / _____ °C / _____ °C / _____ °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 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) JAB

Date/Time Reviewed 4/11/25

Origins Laboratory



Christian Iglesias For Jen Pellegrini, Project Manager

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

WH01@6
4/9/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5D0263-01 (Soil) Enthalpy Orange									
Total Metals by EPA 7199									
Hexavalent Chromium	ND		0.30	mg/Kg	1	368843	04/15/2025	04/16/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.160		0.100	mg/L	1	B5D1011	04/10/2025	04/11/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D1031	04/10/2025	04/10/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	83.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5D1005	04/10/2025	04/10/2025	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

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330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

WH01@6
4/9/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5D0263-01 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B5D1005	04/10/2025	04/10/2025	U
Surrogate: 1,2-Dichloroethane-d4	108 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.5 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.15		0.499	meq/L	10	[CALC]	04/10/2025	04/16/2025	
Magnesium	1.44		0.823	"	"	"	"	"	
Sodium	1.43		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5D1030	04/10/2025	04/11/2025	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

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
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Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

WH01@6
4/9/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5D0263-01 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.020	mg/kg	1	B5D1030	04/10/2025	04/11/2025	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	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	108 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %			60-130		"	"	"	
pH in Soil by 9045D									
pH	8.19			pH Units	1	B5D1015	04/10/2025	04/15/2025	
SAR by 20B Saturated Paste									
SAR	1.07		0.0100	SAR	1	B5D1013	04/10/2025	04/16/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.604		0.00500	mmhos/cm	1	B5D1015	04/10/2025	04/15/2025	

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

WH01@6
4/9/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5D0263-01 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.81		0.253	mg/kg	10	B5D1035	04/10/2025	04/11/2025	
Barium	61.6		8.71	"	"	"	"	"	
Cadmium	0.118		0.0871	"	"	"	"	"	
Copper	ND		8.71	"	"	"	"	"	U
Lead	9.34		0.871	"	"	"	"	"	
Nickel	6.73		0.871	"	"	"	"	"	
Selenium	ND		0.227	"	"	"	"	"	U
Silver	ND		0.0871	"	"	"	"	"	U
Zinc	ND		32.2	"	"	"	"	"	U

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Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1011 - DTPA Sorbitol Preparation

Blank (B5D1011-BLK1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

Boron	ND	0.100	mg/L							U
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Duplicate (B5D1011-DUP1)

Source: E5D0251-03

Prepared: 04/10/2025 Analyzed: 04/11/2025

Boron	0.385	0.100	mg/L		0.388			0.896	50	
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Batch B5D1013 - Saturated Paste Metals

Blank (B5D1013-BLK1)

Prepared: 04/10/2025 Analyzed: 04/16/2025

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 (B5D1013-DUP1)

Source: E5D0251-01

Prepared: 04/10/2025 Analyzed: 04/16/2025

SAR	ND	0.0100	SAR		1.82				200	U
Calcium PPM	49.1	10.0	mg/L		45.9			6.76	50	
Magnesium PPM	16.3	10.0	"		15.4			5.69	50	
Sodium PPM	59.4	10.0	"		55.9			6.06	50	

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1030 - EPA 3580

Blank (B5D1030-BLK1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

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	101	60-130				
Surrogate: Anthracene-d10	210		"	200	103	60-130				
Surrogate: Pyrene-d10	220		"	200	108	60-130				
Surrogate: Benzo (a) pyrene-d12	200		"	200	102	60-130				

LCS (B5D1030-BS1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

1-Methylnaphthalene	0.180	0.002	mg/kg	0.200	90.1	70-130				
2-Methylnaphthalene	0.177	0.002	"	0.200	88.6	70-130				
Acenaphthene	0.192	0.020	"	0.200	96.0	70-130				
Anthracene	0.198	0.020	"	0.200	99.2	70-130				

Origins Laboratory



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330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1030 - EPA 3580

LCS (B5D1030-BS1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

Benzo (a) anthracene	0.196	0.005	mg/kg	0.200		98.2	70-130			
Benzo (a) pyrene	0.195	0.020	"	0.200		97.3	70-130			
Benzo (b) fluoranthene	0.197	0.020	"	0.200		98.3	70-130			
Benzo (g,h,i) perylene	0.175	0.020	"	0.200		87.7	70-130			
Benzo (k) fluoranthene	0.207	0.020	"	0.200		103	70-130			
Chrysene	0.201	0.020	"	0.200		101	70-130			
Dibenz (a,h) anthracene	0.166	0.020	"	0.200		83.0	70-130			
Fluoranthene	0.226	0.020	"	0.200		113	70-130			
Fluorene	0.187	0.020	"	0.200		93.3	70-130			
Indeno (1,2,3-cd) pyrene	0.191	0.020	"	0.200		95.4	70-130			
Naphthalene	0.187	0.002	"	0.200		93.5	70-130			
Phenanthrene	0.199	0.020	"	0.200		99.3	70-130			
Pyrene	0.226	0.020	"	0.200		113	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike (B5D1030-MS1)

Source: E5D0260-01

Prepared: 04/10/2025 Analyzed: 04/11/2025

1-Methylnaphthalene	0.191	0.002	mg/kg	0.200	0.002	94.7	70-130			
2-Methylnaphthalene	0.192	0.002	"	0.200	0.002	94.8	70-130			
Acenaphthene	0.201	0.020	"	0.200	0.0004	101	70-130			
Anthracene	0.207	0.020	"	0.200	0.0005	103	70-130			
Benzo (a) anthracene	0.197	0.005	"	0.200	ND	98.3	70-130			
Benzo (a) pyrene	0.167	0.020	"	0.200	0.0006	83.1	70-130			
Benzo (b) fluoranthene	0.206	0.020	"	0.200	0.001	102	70-130			
Benzo (g,h,i) perylene	0.181	0.020	"	0.200	0.001	89.9	70-130			

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Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1030 - EPA 3580

Matrix Spike (B5D1030-MS1)

Source: E5D0260-01

Prepared: 04/10/2025 Analyzed: 04/11/2025

Benzo (k) fluoranthene	0.215	0.020	mg/kg	0.200	ND	107	70-130			
Chrysene	0.202	0.020	"	0.200	0.001	100	70-130			
Dibenz (a,h) anthracene	0.172	0.020	"	0.200	0.001	85.4	70-130			
Fluoranthene	0.222	0.020	"	0.200	0.0005	111	70-130			
Fluorene	0.191	0.020	"	0.200	0.0007	95.3	70-130			
Indeno (1,2,3-cd) pyrene	0.165	0.020	"	0.200	0.001	81.7	70-130			
Naphthalene	0.198	0.002	"	0.200	0.001	98.1	70-130			
Phenanthrene	0.201	0.020	"	0.200	0.002	99.2	70-130			
Pyrene	0.226	0.020	"	0.200	0.001	113	70-130			

Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike Dup (B5D1030-MSD1)

Source: E5D0260-01

Prepared: 04/10/2025 Analyzed: 04/11/2025

1-Methylnaphthalene	0.189	0.002	mg/kg	0.200	0.002	93.4	70-130	1.43	20	
2-Methylnaphthalene	0.186	0.002	"	0.200	0.002	91.7	70-130	3.19	20	
Acenaphthene	0.202	0.020	"	0.200	0.0004	101	70-130	0.421	20	
Anthracene	0.199	0.020	"	0.200	0.0005	99.3	70-130	4.06	20	
Benzo (a) anthracene	0.202	0.005	"	0.200	ND	101	70-130	2.55	20	
Benzo (a) pyrene	0.205	0.020	"	0.200	0.0006	102	70-130	20.5	20	QR-02
Benzo (b) fluoranthene	0.204	0.020	"	0.200	0.001	101	70-130	0.828	20	
Benzo (g,h,i) perylene	0.179	0.020	"	0.200	0.001	88.8	70-130	1.22	20	
Benzo (k) fluoranthene	0.214	0.020	"	0.200	ND	107	70-130	0.270	20	
Chrysene	0.199	0.020	"	0.200	0.001	98.5	70-130	1.61	20	
Dibenz (a,h) anthracene	0.173	0.020	"	0.200	0.001	85.8	70-130	0.445	20	
Fluoranthene	0.225	0.020	"	0.200	0.0005	112	70-130	1.20	20	

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1030 - EPA 3580

Matrix Spike Dup (B5D1030-MSD1)

Source: E5D0260-01

Prepared: 04/10/2025 Analyzed: 04/11/2025

Fluorene	0.192	0.020	mg/kg	0.200	0.0007	95.8	70-130	0.513	20	
Indeno (1,2,3-cd) pyrene	0.196	0.020	"	0.200	0.001	97.5	70-130	17.5	20	
Naphthalene	0.193	0.002	"	0.200	0.001	95.9	70-130	2.30	20	
Phenanthrene	0.201	0.020	"	0.200	0.002	99.5	70-130	0.219	20	
Pyrene	0.226	0.020	"	0.200	0.001	113	70-130	0.134	20	
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Origins Laboratory



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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1031 - EPA 3550B

Blank (B5D1031-BLK1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	26		"	24.9		104	50-150			

LCS (B5D1031-BS1)

Prepared: 04/10/2025 Analyzed: 04/10/2025

Diesel (C10-C28)	991	50.0	mg/kg	1000		99.1	70-130			
Residual Range Organics (C28-C40)	1070	200	"	1000		107	70-130			
Surrogate: o-Terphenyl	51		"	49.8		102	50-150			

Matrix Spike (B5D1031-MS1)

Source: E5D0202-01

Prepared: 04/10/2025 Analyzed: 04/10/2025

Diesel (C10-C28)	983	50.0	mg/kg	1000	271	71.2	70-130			
Residual Range Organics (C28-C40)	1040	200	"	1000	ND	104	70-130			
Surrogate: o-Terphenyl	60		"	49.8		120	50-150			

Matrix Spike Dup (B5D1031-MSD1)

Source: E5D0202-01

Prepared: 04/10/2025 Analyzed: 04/11/2025

Diesel (C10-C28)	822	50.0	mg/kg	1000	271	55.1	70-130	17.9	35	QR-02
Residual Range Organics (C28-C40)	972	200	"	1000	ND	97.2	70-130	6.79	35	
Surrogate: o-Terphenyl	45		"	49.8		89.9	50-150			

Origins Laboratory



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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1035 - EPA 3050B

Blank (B5D1035-BLK1)

Prepared: 04/10/2025 Analyzed: 04/11/2025

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

LCS (B5D1035-BS1)

Prepared: 04/10/2025 Analyzed: 04/14/2025

Arsenic	5.56	0.290	mg/kg	5.00		111	80-120			
Barium	572	10.0	"	500		114	80-120			
Cadmium	5.43	0.100	"	5.00		109	80-120			
Copper	53.2	10.0	"	50.0		106	80-120			
Lead	5.66	1.00	"	5.00		113	80-120			
Nickel	5.52	1.00	"	5.00		110	80-120			
Selenium	5.38	0.260	"	5.00		108	80-120			
Silver	5.22	0.100	"	5.00		104	80-120			
Zinc	54.5	37.0	"	50.0		109	80-120			

Matrix Spike (B5D1035-MS1)

Source: E5D0261-01

Prepared: 04/10/2025 Analyzed: 04/12/2025

Arsenic	8.06	0.262	mg/kg	4.52	3.11	109	75-125			
Barium	565	9.05	"	452	71.7	109	75-125			
Cadmium	4.84	0.0905	"	4.52	0.0849	105	75-125			
Copper	50.0	9.05	"	45.2	8.19	92.3	75-125			
Lead	10.3	0.905	"	4.52	5.26	112	75-125			

Origins Laboratory



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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1035 - EPA 3050B

Matrix Spike (B5D1035-MS1)

Source: E5D0261-01

Prepared: 04/10/2025 Analyzed: 04/12/2025

Nickel	10.7	0.905	mg/kg	4.52	5.60	113	75-125			
Selenium	4.43	0.235	"	4.52	0.112	95.4	75-125			
Silver	4.44	0.0905	"	4.52	0.0113	97.8	75-125			
Zinc	69.3	33.5	"	45.2	22.9	102	75-125			

Matrix Spike Dup (B5D1035-MSD1)

Source: E5D0261-01

Prepared: 04/10/2025 Analyzed: 04/12/2025

Arsenic	10.2	0.255	mg/kg	4.40	3.11	162	75-125	23.7	20	QM-07, QR-DUP
Barium	556	8.81	"	440	71.7	110	75-125	1.48	20	
Cadmium	4.65	0.0881	"	4.40	0.0849	104	75-125	4.13	20	
Copper	51.2	8.81	"	44.0	8.19	97.7	75-125	2.53	20	
Lead	10.3	0.881	"	4.40	5.26	114	75-125	0.350	20	
Nickel	11.4	0.881	"	4.40	5.60	131	75-125	5.99	20	QM-07
Selenium	4.72	0.229	"	4.40	0.112	105	75-125	6.44	20	
Silver	4.48	0.0881	"	4.40	0.0113	102	75-125	1.09	20	
Zinc	72.6	32.6	"	44.0	22.9	113	75-125	4.68	20	

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Christian Iglesias For Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Speicher 31-15

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 B5D1015 - Saturated Paste pH/EC

Blank (B5D1015-BLK1)

Prepared: 04/10/2025 Analyzed: 04/15/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B5D1015-DUP1)

Source: E5D0251-01

Prepared: 04/10/2025 Analyzed: 04/15/2025

pH	8.28		pH Units		8.32			0.482	25	
Specific Conductance (EC)	0.637	0.00500	mmhos/cm		0.602			5.66	25	

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1005 - EPA 5030 (soil)

Blank (B5D1005-BLK1)

Prepared: 04/10/2025 Analyzed: 04/10/2025

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
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.5	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

LCS (B5D1005-BS1)

Prepared: 04/10/2025 Analyzed: 04/10/2025

1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Benzene	0.0983	0.00200	"	0.100		98.3	70-130			
Ethylbenzene	0.104	0.00200	"	0.100		104	70-130			
Toluene	0.0953	0.00200	"	0.100		95.3	70-130			
o-Xylene	0.107	0.00200	"	0.100		107	70-130			
m,p-Xylene	0.207	0.00400	"	0.200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.1	70-130			

Matrix Spike (B5D1005-MS1)

Source: E5D0238-21

Prepared: 04/10/2025 Analyzed: 04/10/2025

1,2,4-Trimethylbenzene	0.0991	0.00200	mg/kg	0.100	ND	99.1	70-130			
1,3,5-Trimethylbenzene	0.0982	0.00200	"	0.100	ND	98.2	70-130			
Benzene	0.0982	0.00200	"	0.100	ND	98.2	70-130			

Origins Laboratory



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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

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 B5D1005 - EPA 5030 (soil)

Matrix Spike (B5D1005-MS1)

Source: E5D0238-21

Prepared: 04/10/2025 Analyzed: 04/10/2025

Ethylbenzene	0.104	0.00200	mg/kg	0.100	ND	104	70-130			
Toluene	0.0953	0.00200	"	0.100	ND	95.3	70-130			
o-Xylene	0.108	0.00200	"	0.100	ND	108	70-130			
m,p-Xylene	0.198	0.00400	"	0.200	ND	99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Matrix Spike Dup (B5D1005-MSD1)

Source: E5D0238-21

Prepared: 04/10/2025 Analyzed: 04/10/2025

1,2,4-Trimethylbenzene	0.0922	0.00200	mg/kg	0.100	ND	92.2	70-130	7.23	20	
1,3,5-Trimethylbenzene	0.0909	0.00200	"	0.100	ND	90.9	70-130	7.68	20	
Benzene	0.0915	0.00200	"	0.100	ND	91.5	70-130	7.06	20	
Ethylbenzene	0.0947	0.00200	"	0.100	ND	94.7	70-130	9.48	20	
Toluene	0.0868	0.00200	"	0.100	ND	86.8	70-130	9.31	20	
o-Xylene	0.0991	0.00200	"	0.100	ND	99.1	70-130	8.93	20	
m,p-Xylene	0.187	0.00400	"	0.200	ND	93.7	70-130	5.68	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Verysen
Project Number: [none]
Project: Chevron - Speicher 31-15

Total Metals by EPA 7199 - Quality Control Enthalpy Orange

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 368843 - EPA 3060A

BLANK (QC1248901)

Prepared: 04/15/2025 Analyzed: 04/16/2025

Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
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LCS (QC1248902)

Prepared: 04/15/2025 Analyzed: 04/16/2025

Hexavalent Chromium	39.04	0.6000	mg/Kg	40.00		98	80-120			
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Duplicate (QC1248903)

Source: 530853-001

Prepared: 04/15/2025 Analyzed: 04/16/2025

Hexavalent Chromium	ND	0.2988	mg/Kg		0		-		30	ND
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Matrix Spike (QC1248905)

Source: 530853-001

Prepared: 04/15/2025 Analyzed: 04/16/2025

Hexavalent Chromium	33.39	0.5837	mg/Kg	38.91	0	86	70-130			
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Christian Iglesias For Jen Pellegrini, Project Manager

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Speicher 31-15

Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-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

All soil results are reported on a wet weight basis.

Origins Laboratory

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